We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
1950	7.5
1951	7.5
1963	7.5
1973	7.5
1978	7.5
1984	7.5
2013	7.5
2016	7.5
2019	7.5

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

Page 223 of 1918 Topographic Instructions

Page 130 of 1928 Topographic Instructions

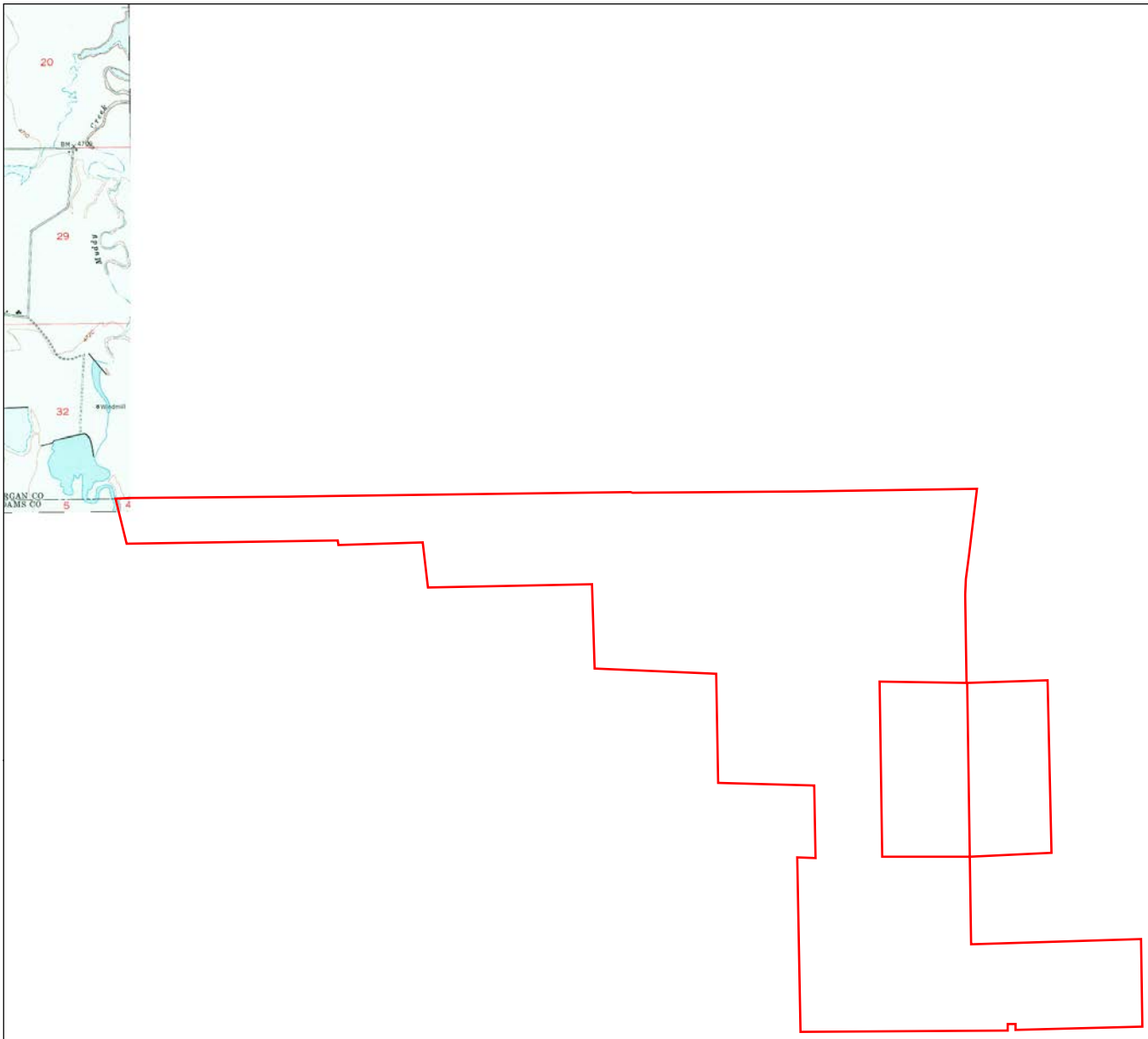
1947-2009

Topographic Map Symbols

2009-present

US Topo Map Symbols

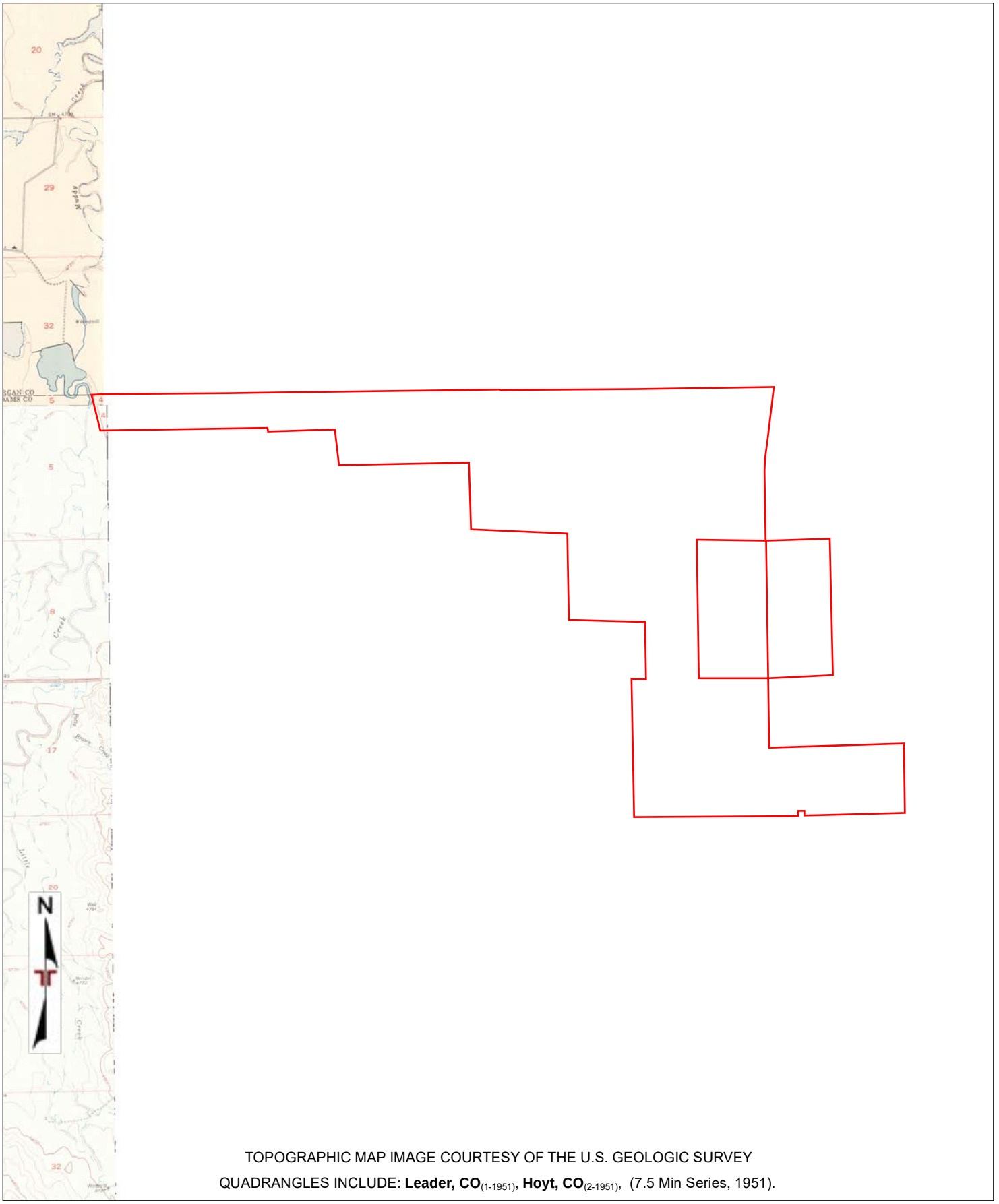
Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.
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TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Hoyt, CO**$_{(1\text{-}1950)}$, (7.5 Min Series, 1950).

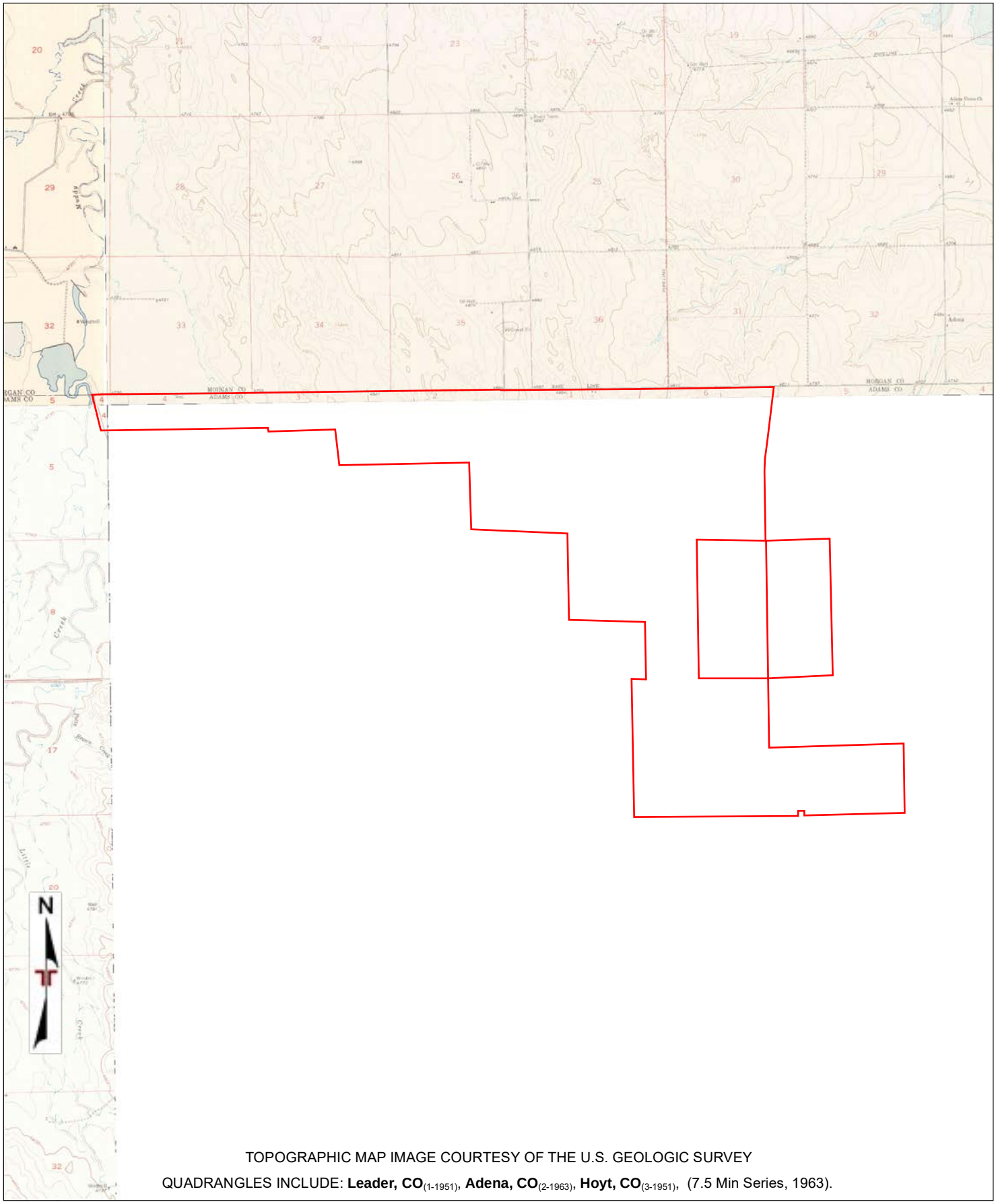
Project Manager: VRJ	**Project No:** 25237032	Terracon 10625 W I 70 Frontage Rd N Suite 3 Wheat Ridge, 80033	TOPOGRAPHIC MAP (1950)	Exhibit
Drawn By: VRJ	**Scale:** 1" = 4000'		Proposed Eilish Solar Farm Multiple parcels in Adams County near Hoyt, Adams County, Colorado	1
Checked By: KRS	**File Name:** 23013100605			
Approved By: KRS	**Date:** 2023-02-07			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Leader, CO**$_{(1\text{-}1951)}$, **Hoyt, CO**$_{(2\text{-}1951)}$, (7.5 Min Series, 1951).

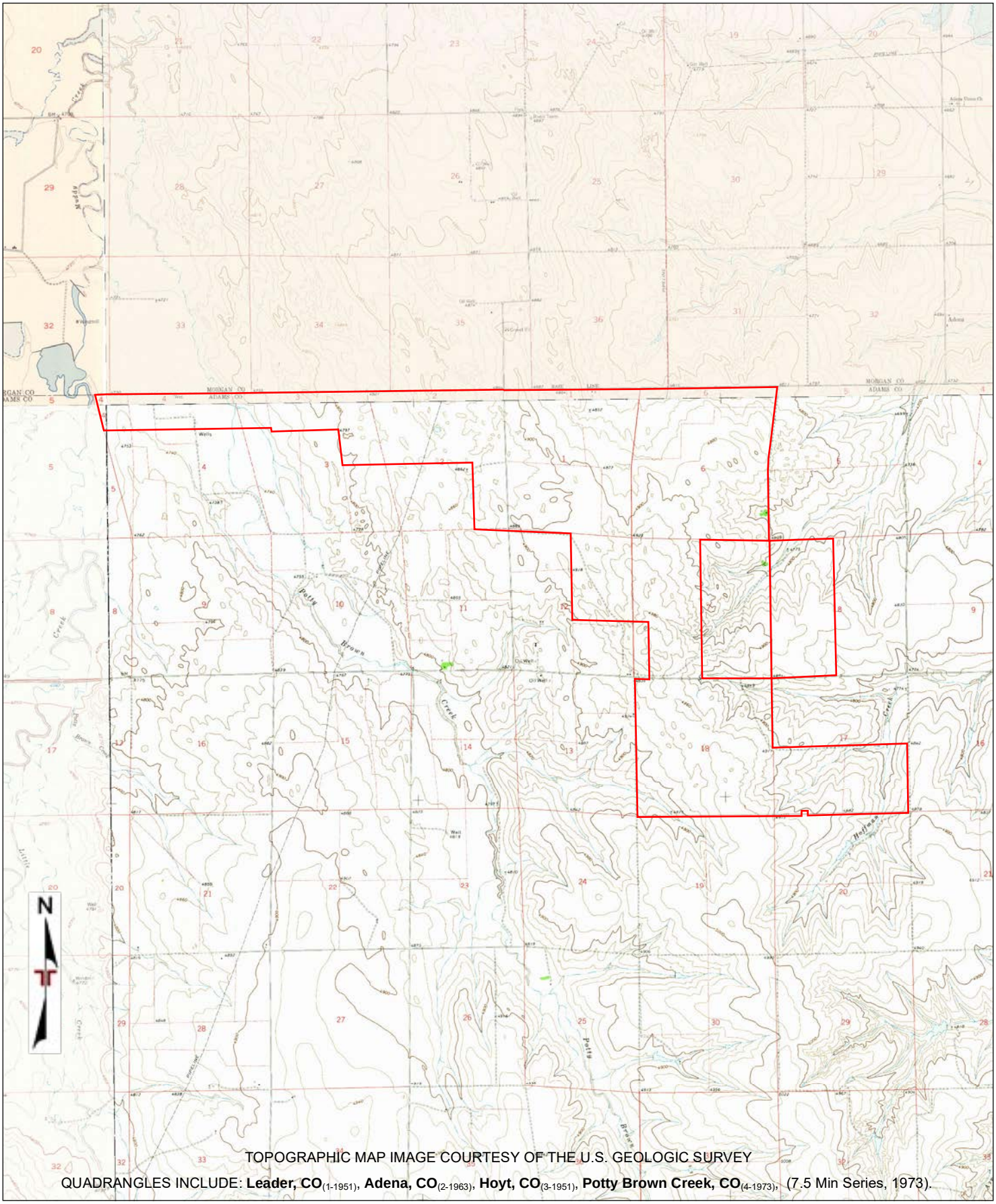
Project Manager: VRJ	**Project No:** 25237032	Terracon 10625 W I 70 Frontage Rd N Suite 3 Wheat Ridge, 80033	TOPOGRAPHIC MAP (1951)	Exhibit
Drawn By: VRJ	**Scale:** 1" = 4000'		Proposed Eilish Solar Farm Multiple parcels in Adams County near Hoyt, Adams County, Colorado	1
Checked By: KRS	**File Name:** 23013100605			
Approved By: KRS	**Date:** 2023-02-07			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Leader, CO**$_{(1\text{-}1951)}$, **Adena, CO**$_{(2\text{-}1963)}$, **Hoyt, CO**$_{(3\text{-}1951)}$, (7.5 Min Series, 1963).

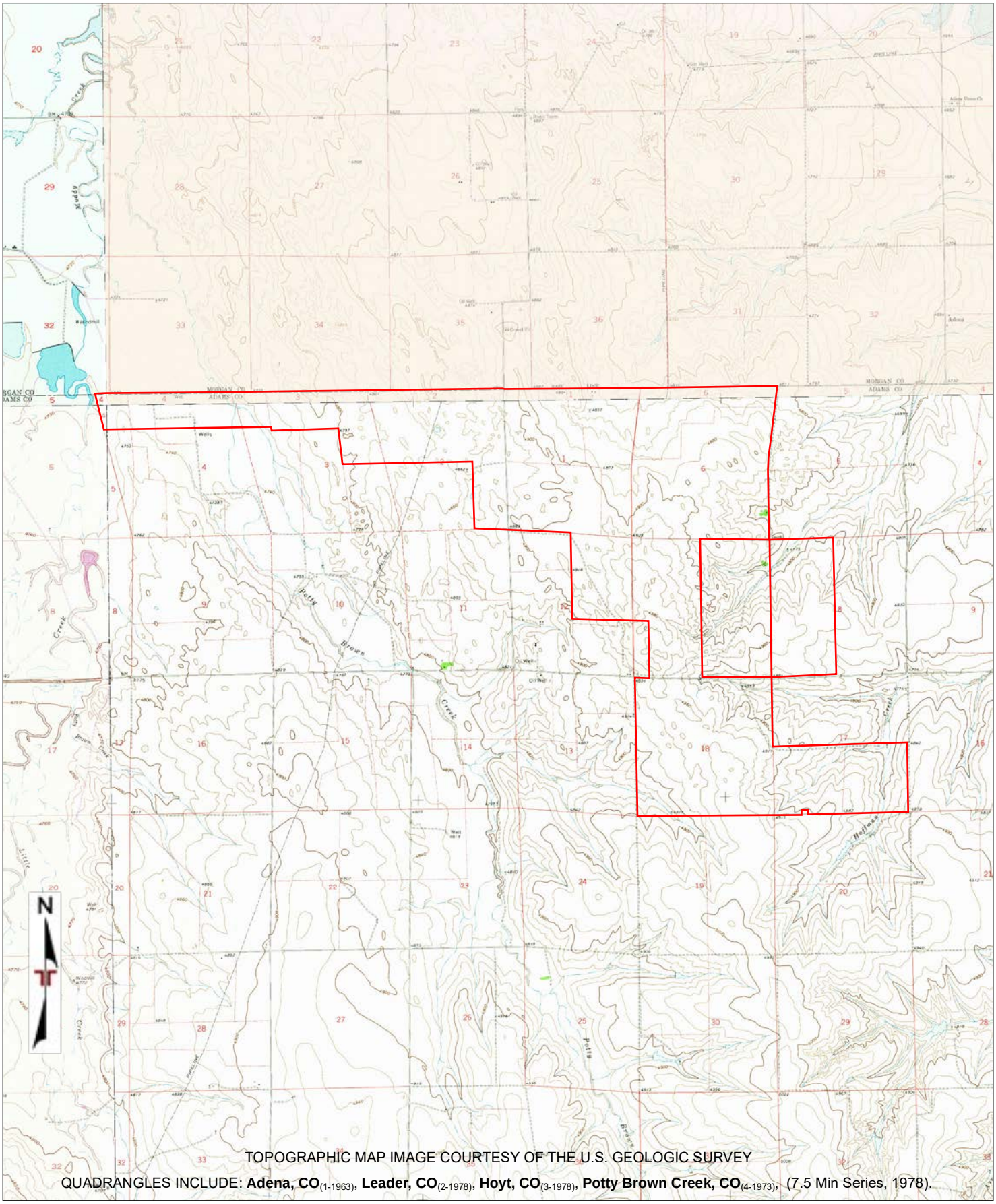
Project Manager: VRJ	**Project No:** 25237032	Terracon 10625 W I 70 Frontage Rd N Suite 3 Wheat Ridge, 80033	TOPOGRAPHIC MAP (1963)	Exhibit
Drawn By: VRJ	**Scale:** 1" = 4000'		Proposed Eilish Solar Farm Multiple parcels in Adams County near Hoyt, Adams County, Colorado	1
Checked By: KRS	**File Name:** 23013100605			
Approved By: KRS	**Date:** 2023-02-07			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Leader, CO**(1-1951), **Adena, CO**(2-1963), **Hoyt, CO**(3-1951), **Potty Brown Creek, CO**(4-1973), (7.5 Min Series, 1973).

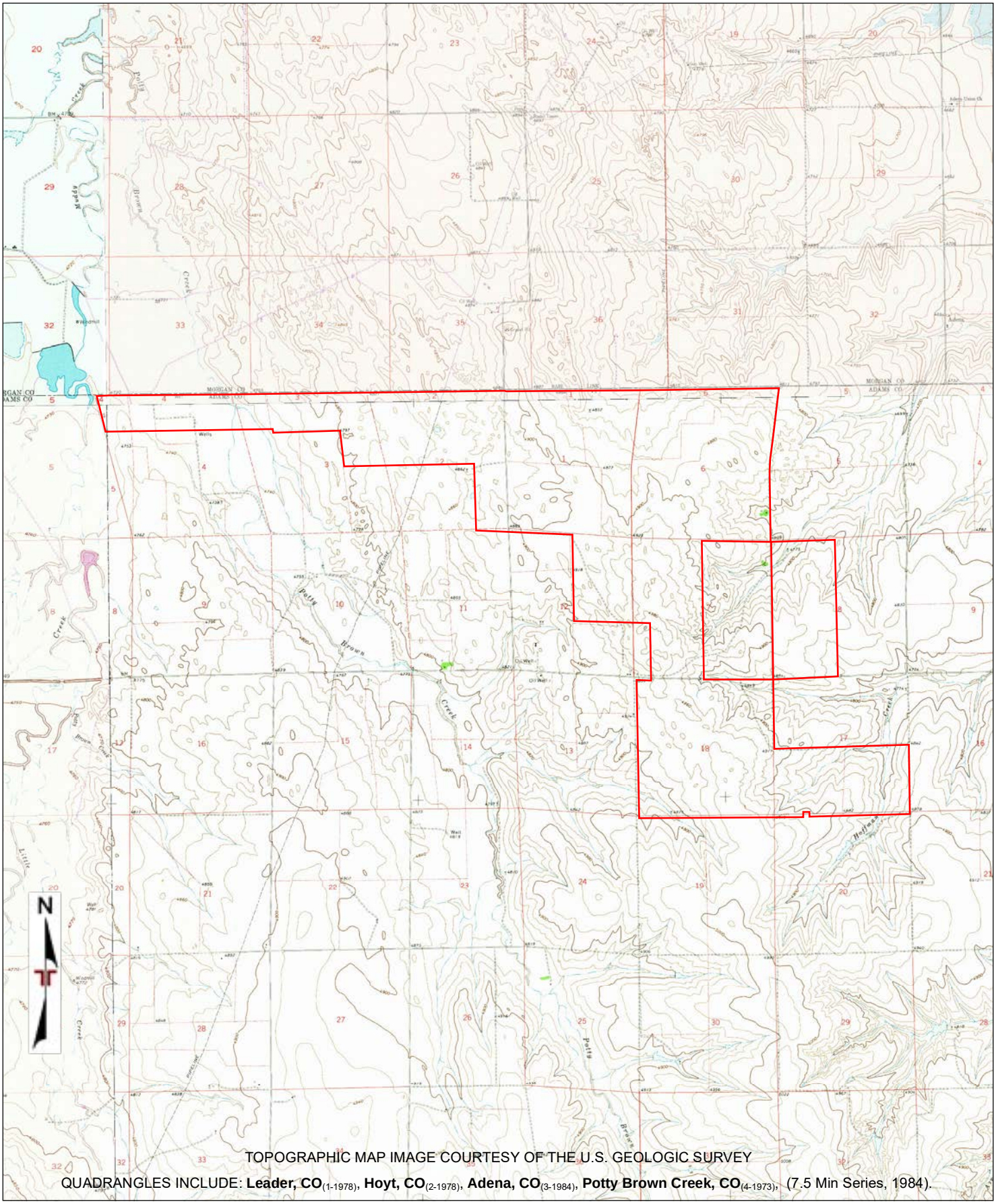
Project Manager: VRJ	**Project No:** 25237032	Terracon 10625 W I 70 Frontage Rd N Suite 3 Wheat Ridge, 80033	TOPOGRAPHIC MAP (1973)	Exhibit
Drawn By: VRJ	**Scale:** 1" = 4000'		Proposed Eilish Solar Farm Multiple parcels in Adams County near Hoyt, Adams County, Colorado	1
Checked By: KRS	**File Name:** 23013100605			
Approved By: KRS	**Date:** 2023-02-07			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Adena, CO**(1-1963), **Leader, CO**(2-1978), **Hoyt, CO**(3-1978), **Potty Brown Creek, CO**(4-1973), (7.5 Min Series, 1978).

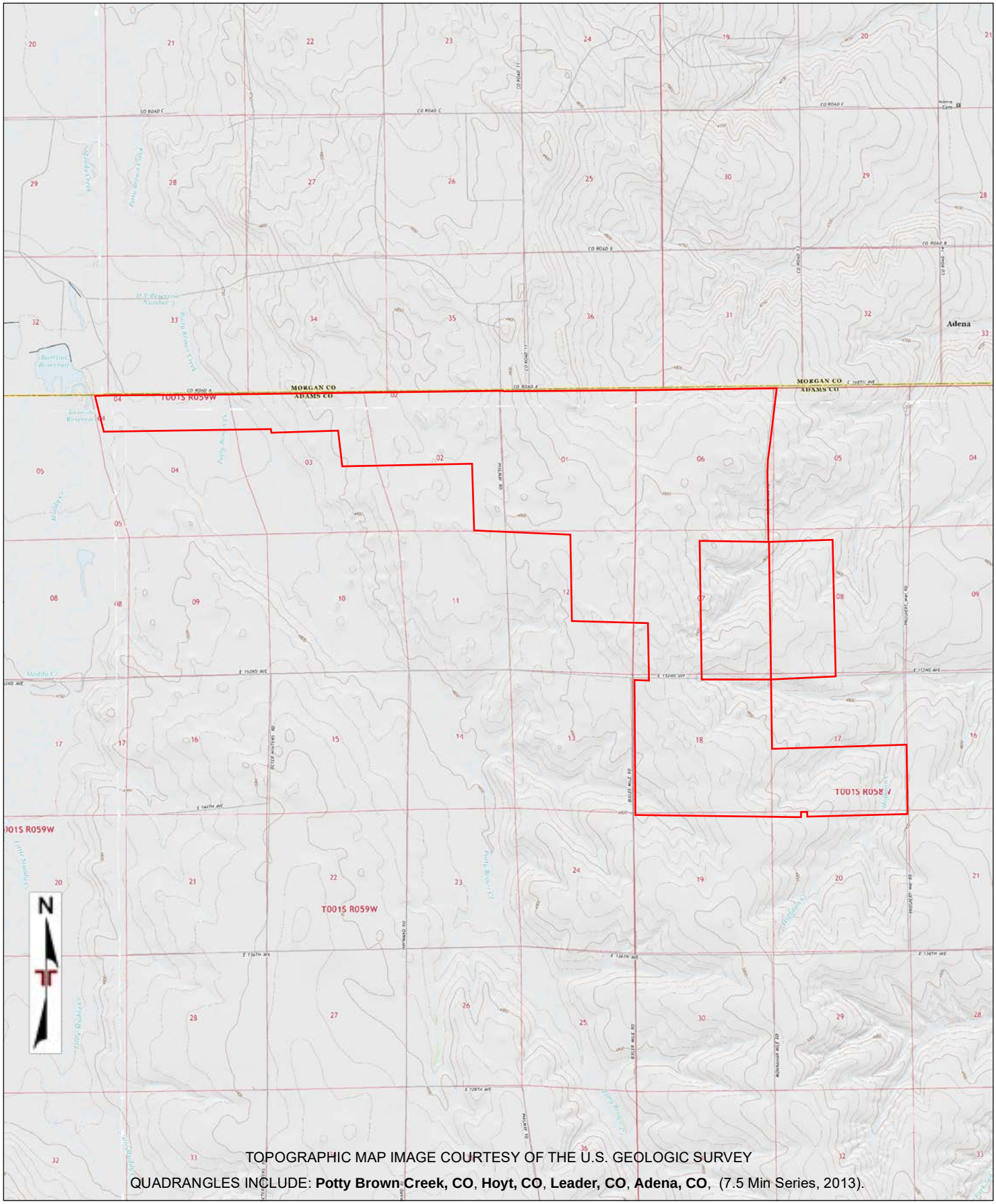
Project Manager: VRJ	**Project No:** 25237032	Terracon	TOPOGRAPHIC MAP (1978)	Exhibit
Drawn By: VRJ	**Scale:** 1" = 4000'		Proposed Eilish Solar Farm Multiple parcels in Adams County near Hoyt, Adams County, Colorado	1
Checked By: KRS	**File Name:** 23013100605	10625 W I 70 Frontage Rd N Suite 3 Wheat Ridge, 80033		
Approved By: KRS	**Date:** 2023-02-07			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Leader, CO**(1-1978), **Hoyt, CO**(2-1978), **Adena, CO**(3-1984), **Potty Brown Creek, CO**(4-1973), (7.5 Min Series, 1984).

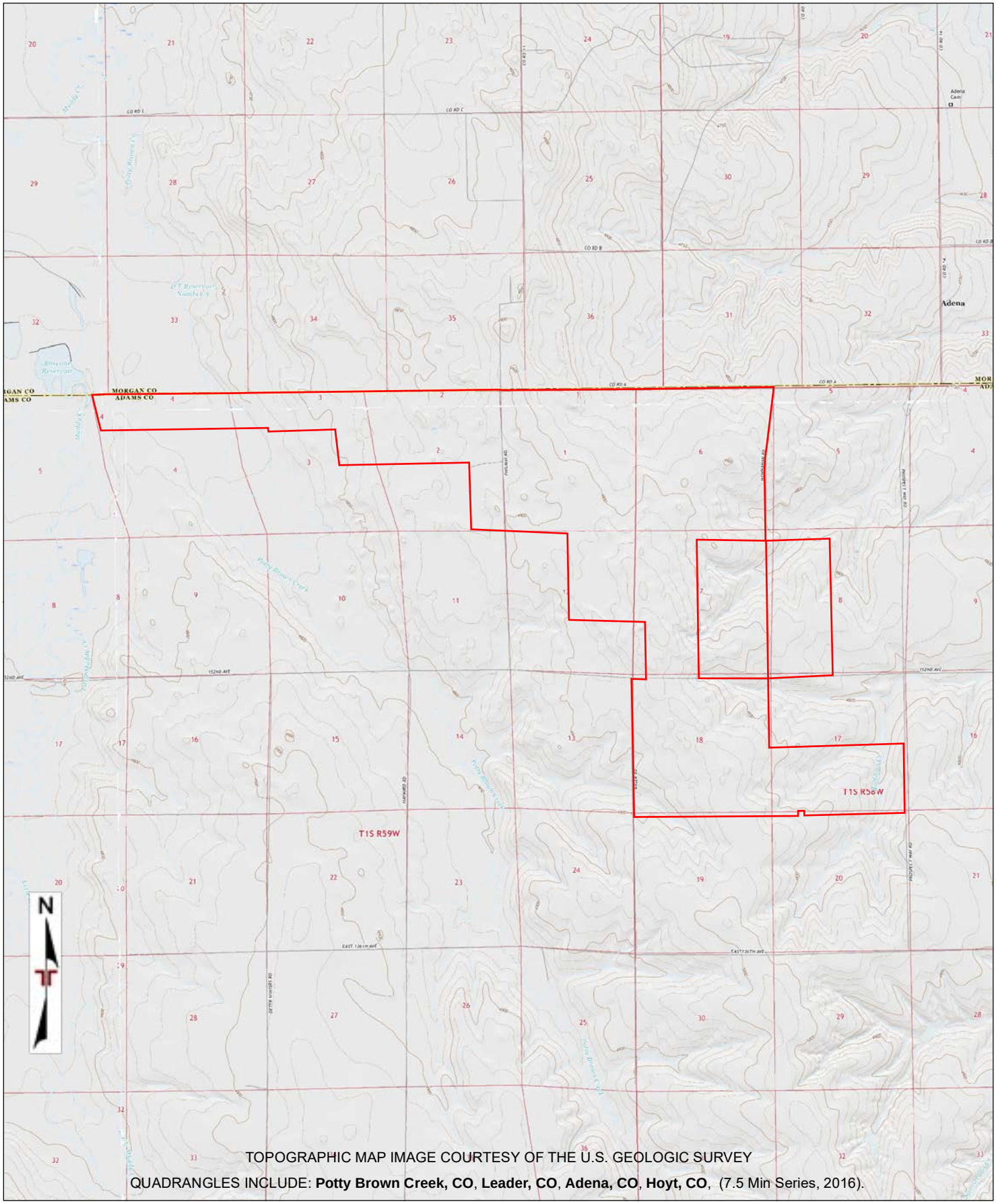
Project Manager: VRJ	**Project No:** 25237032	Terracon 10625 W I 70 Frontage Rd N Suite 3 Wheat Ridge, 80033	TOPOGRAPHIC MAP (1984)	Exhibit
Drawn By: VRJ	**Scale:** 1" = 4000'		Proposed Eilish Solar Farm Multiple parcels in Adams County near Hoyt, Adams County, Colorado	1
Checked By: KRS	**File Name:** 23013100605			
Approved By: KRS	**Date:** 2023-02-07			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Potty Brown Creek, CO**, **Hoyt, CO**, **Leader, CO**, **Adena, CO**, (7.5 Min Series, 2013).

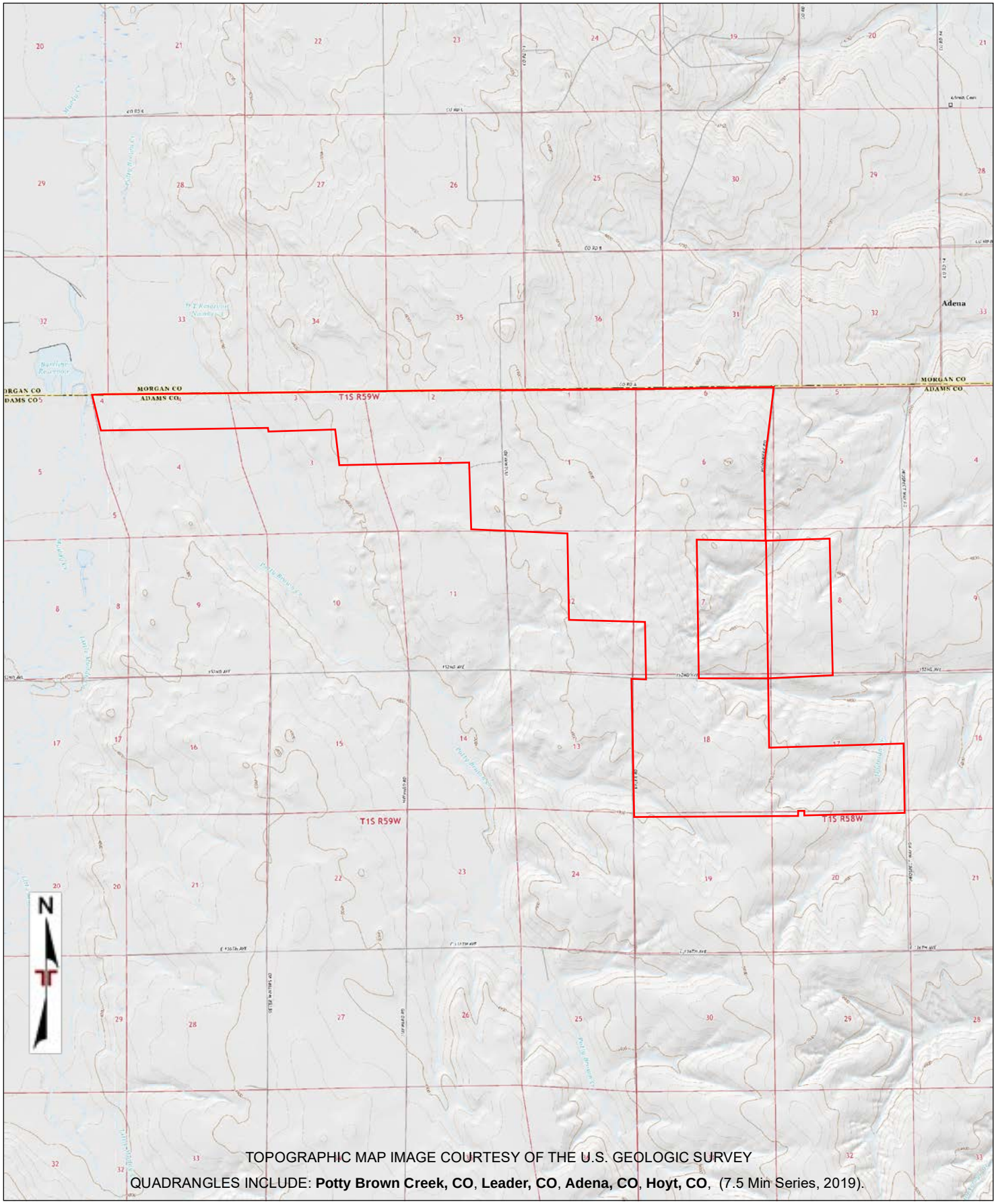
Project Manager: VRJ	**Project No:** 25237032	Terracon 10625 W I 70 Frontage Rd N Suite 3 Wheat Ridge, 80033	TOPOGRAPHIC MAP (2013) Proposed Eilish Solar Farm Multiple parcels in Adams County near Hoyt, Adams County, Colorado	Exhibit 1
Drawn By: VRJ	**Scale:** 1" = 4000'			
Checked By: KRS	**File Name:** 23013100605			
Approved By: KRS	**Date:** 2023-02-07			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Potty Brown Creek, CO**, **Leader, CO**, **Adena, CO**, **Hoyt, CO**, (7.5 Min Series, 2016).

Project Manager: VRJ	**Project No:** 25237032	Terracon 10625 W I 70 Frontage Rd N Suite 3 Wheat Ridge, 80033	TOPOGRAPHIC MAP (2016)	Exhibit
Drawn By: VRJ	**Scale:** 1" = 4000'		Proposed Eilish Solar Farm Multiple parcels in Adams County near Hoyt, Adams County, Colorado	1
Checked By: KRS	**File Name:** 23013100605			
Approved By: KRS	**Date:** 2023-02-07			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Potty Brown Creek, CO**, **Leader, CO**, **Adena, CO**, **Hoyt, CO**, (7.5 Min Series, 2019).

Project Manager: VRJ	**Project No:** 25237032	Terracon 10625 W I 70 Frontage Rd N Suite 3 Wheat Ridge, 80033	TOPOGRAPHIC MAP (2019)	Exhibit
Drawn By: VRJ	**Scale:** 1" = 4000'		Proposed Eilish Solar Farm Multiple parcels in Adams County near Hoyt, Adams County, Colorado	1
Checked By: KRS	**File Name:** 23013100605			
Approved By: KRS	**Date:** 2023-02-07			

ASTM E1527-21 User Questionnaire

Date Completed	1.30.23	
Person Completing Questionnaire	Name: Adam Basri Company: Mission Clean Energy	Phone: (720) 310-0254 Email: adam@missioncleanenergy.com
Site Name	Eilish Solar Farm (Renamed to Goldwing Solar Farm)	
Site Address	Adams County, Colorado	
Point of Contact for Access	Name: Adam Basri Company: Mission Clean Energy	Phone: (720) 310-0254 Email: adam@missioncleanenergy.com
Access Restrictions or Special Site Requirements?	___No X Yes (If yes, please explain): There is a 100-acre exclusion area negotiated into the option to lease. This exclusion area was removed from the project KMZ that was shared with Terracon. Close cattle fences where applicable. Please let us know in advance of visiting so we can arrange with the landowner.	
Confidentiality Requirements?	___No X Yes (If yes, please explain) Confidentiality as to the project details beyond discussions with the owner.	
Current Site Owner	Name: Brian Ferris Company: Ferris Ranch	Phone: (970) – 768-1175 Email: ferrisranch@gmail.com
Current Site Operator	(Same As Above)	
Reasons for ESA (e.g., financing, acquisition, lease, etc.)	Lease Due Diligence + Solicitation Response	
Anticipated Future Site Use	Solar and Storage Site	
Relevant Documents?	Please provide Terracon copies of prior Phase I or II ESAs, Asbestos Surveys, Environmental Permits or Audit documents, Underground Storage Tank documents, Geotechnical Investigations, Site Surveys, Diagrams or Maps, or other relevant reports or documents. N/A	

ASTM User Questionnaire

To qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the user must respond to the following inquiries required by 40 C.F.R. §§ 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate* inquiries" is not complete.

1) Did a search of land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the site under federal, tribal, state, or local law (40 CFR 312.25)?

X No ____Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)

2) Did a search of land title records (or judicial records where appropriate) identify any activity and use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded against the site under federal, tribal, state, or local law (40 CFR 312.26)?

X No ____Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)

3) Do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)?

X No ____Yes (If yes, explain below)

4) Does the purchase price being paid for this site reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site?

___No ___Yes X Not applicable (If yes or Not applicable, explain below) Lease

5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? For example, (a.) Do you know the past uses of the site? (b.) Do you know of specific chemicals that are present or once were present at the site? (c.) Do you know of spills or other chemical releases that have taken place at the site? (d.) Do you know of any environmental cleanups that have taken place at the site?

X No ___Yes (If yes, explain below)

6) Based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of releases at the site (40 CFR 312.31)?

__No ___X Yes (If yes, explain below)

Comments or explanations:

There are plugged and abandoned oil wells on the property.

Please return this form with the signed authorization to proceed.

Proposal No. P25237032

APPENDIX D

ENVIRONMENTAL DATABASE INFORMATION

DATABASE REPORT

Project Property:	*Proposed Eilish Solar Farm* *Adams County* *Wiggins CO*
Project No:	*25237032*
Report Type:	*Database Report*
Order No:	*23013100605*
Requested by:	*Terracon Consultants, Inc.*
Date Completed:	*February 1, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property:	*Proposed Eilish Solar Farm* *Adams County Wiggins CO*
Project No:	*25237032*

Coordinates:

Latitude:	*39.98361813*
Longitude:	*-103.93080108*
UTM Northing:	*4,426,486.34*
UTM Easting:	*591,289.26*
UTM Zone:	*UTM Zone 13S*

Elevation: *4,945 FT*

Order Information:

Order No:	*23013100605*
Date Requested:	*January 31, 2023*
Requested by:	*Terracon Consultants, Inc.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials Photographs*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*
terraDOCS Report	*terraDOCS (Terracon)*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
LANDFILL METHANE	Y	0.5	0	0	0	0	-	0
COVENANTS	Y	0.5	0	0	0	0	-	0
SUPERFUND NRD	Y	1	0	0	0	0	0	0
SHWS	Y	1	0	0	0	0	0	0
DELISTED SHWS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
HIST LF	Y	0.5	0	0	0	0	-	0
HIST LANDFILLS	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
LST	Y	0.5	0	0	0	0	-	0
LUST TRUST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
TANKS	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
AUL	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County	***No County databases were selected to be included in the search.***							

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	**2**	0	**2**
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
State								
SPILLS	Y	0.125	0	0	-	-	-	0
OG SPILLS	Y	0.125	0	0	-	-	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
AIR PERMITS	Y	0.125	0	0	-	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
ASBESTOS	Y	0.125	0	0	-	-	-	0
HAZ GEN	Y	0.125	0	0	-	-	-	0
PDES	Y	PO	0	-	-	-	-	0
HAZ TSD	Y	0.5	0	0	0	0	-	0
HAZ CORRACT	Y	1	0	0	0	0	0	0
UMTRA	Y	0.5	0	0	0	0	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental databases were selected to be included in the search.***							
Total:			0	0	0	**2**	0	**2**

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	MRDS	GRAVEL PIT	MORGAN COUNTY WIGGINS CO 80654 ***Dep ID:*** 10256868	NNW	0.43 / 2,295.24	-32	16
2	MRDS	UNKNOWN	MORGAN COUNTY WIGGINS CO 80654 ***Dep ID:*** 10091031	NW	0.49 / 2,582.65	-87	16

Executive Summary: Summary by Data Source

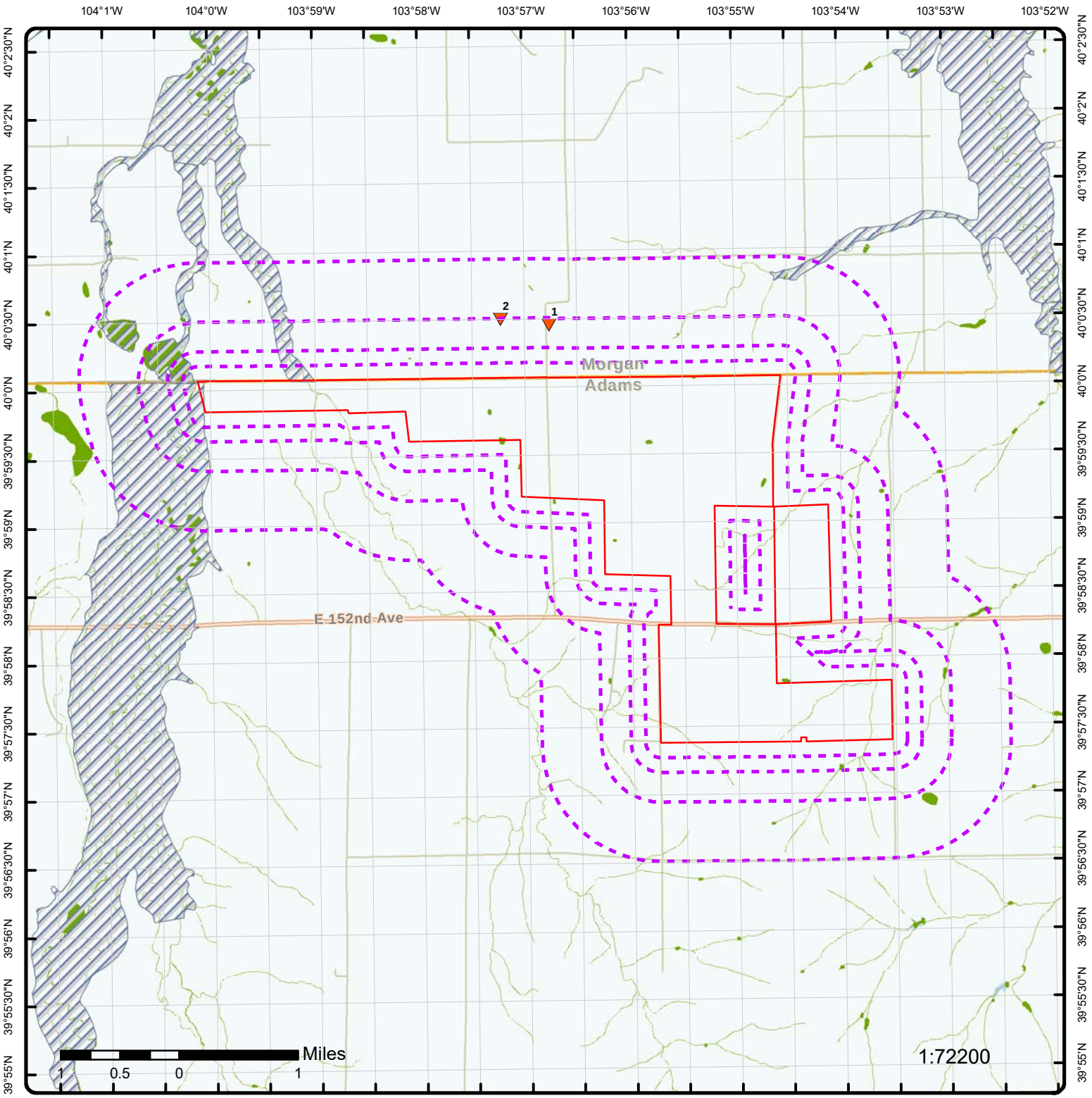
Non Standard

Federal

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2016 has found that there are 2 MRDS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
GRAVEL PIT	MORGAN COUNTY WIGGINS CO 80654 ***Dep ID**: 10256868*	NNW	0.43 / 2,295.24	1
UNKNOWN	MORGAN COUNTY WIGGINS CO 80654 ***Dep ID**: 10091031*	NW	0.49 / 2,582.65	2



Map: 1.0 Mile Radius

Order Number: 23013100605

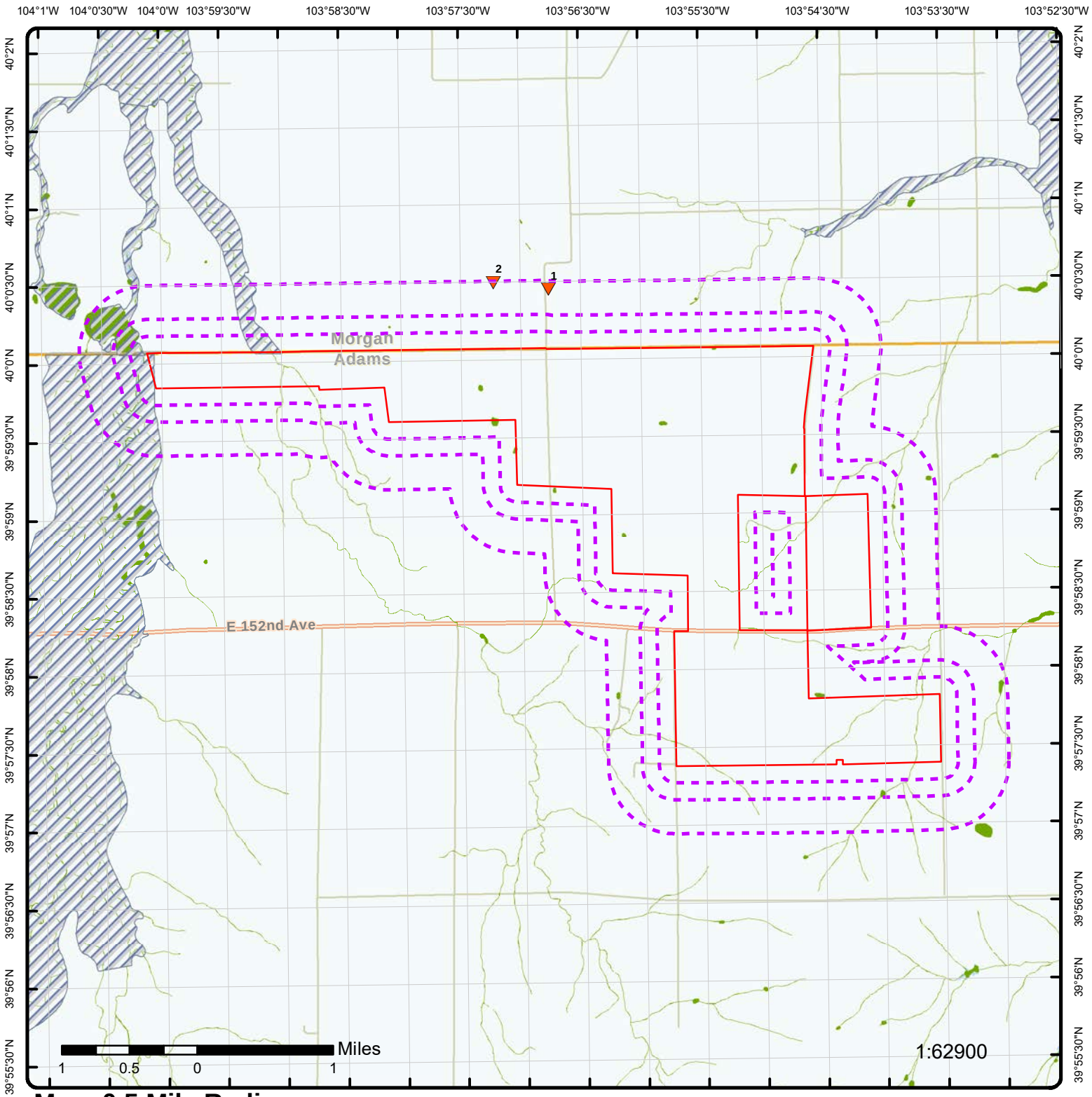
Address: Adams County, Wiggins, CO

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.5 Mile Radius

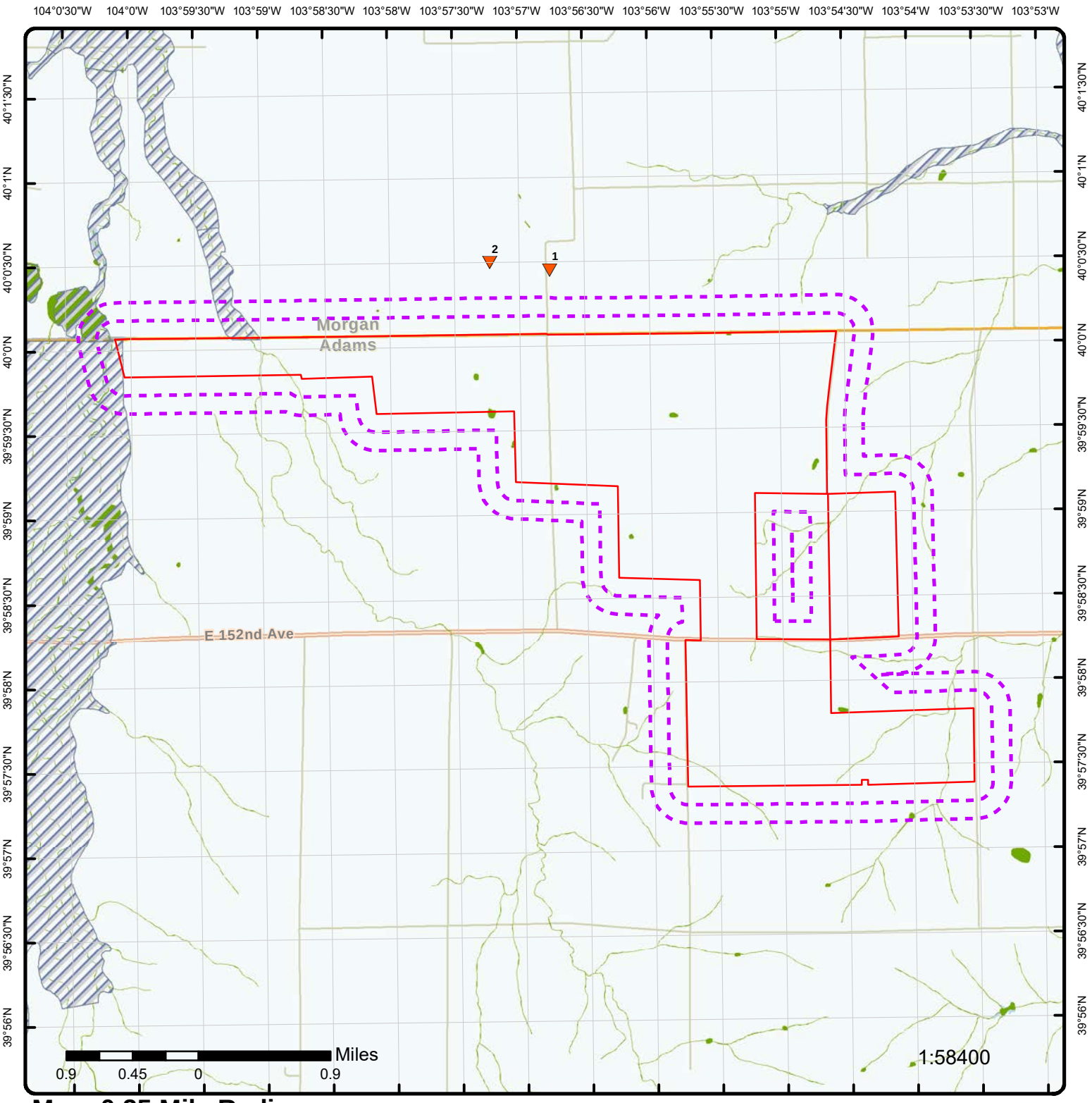
Order Number: 23013100605

Address: Adams County, Wiggins, CO

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.25 Mile Radius

Order Number: 23013100605

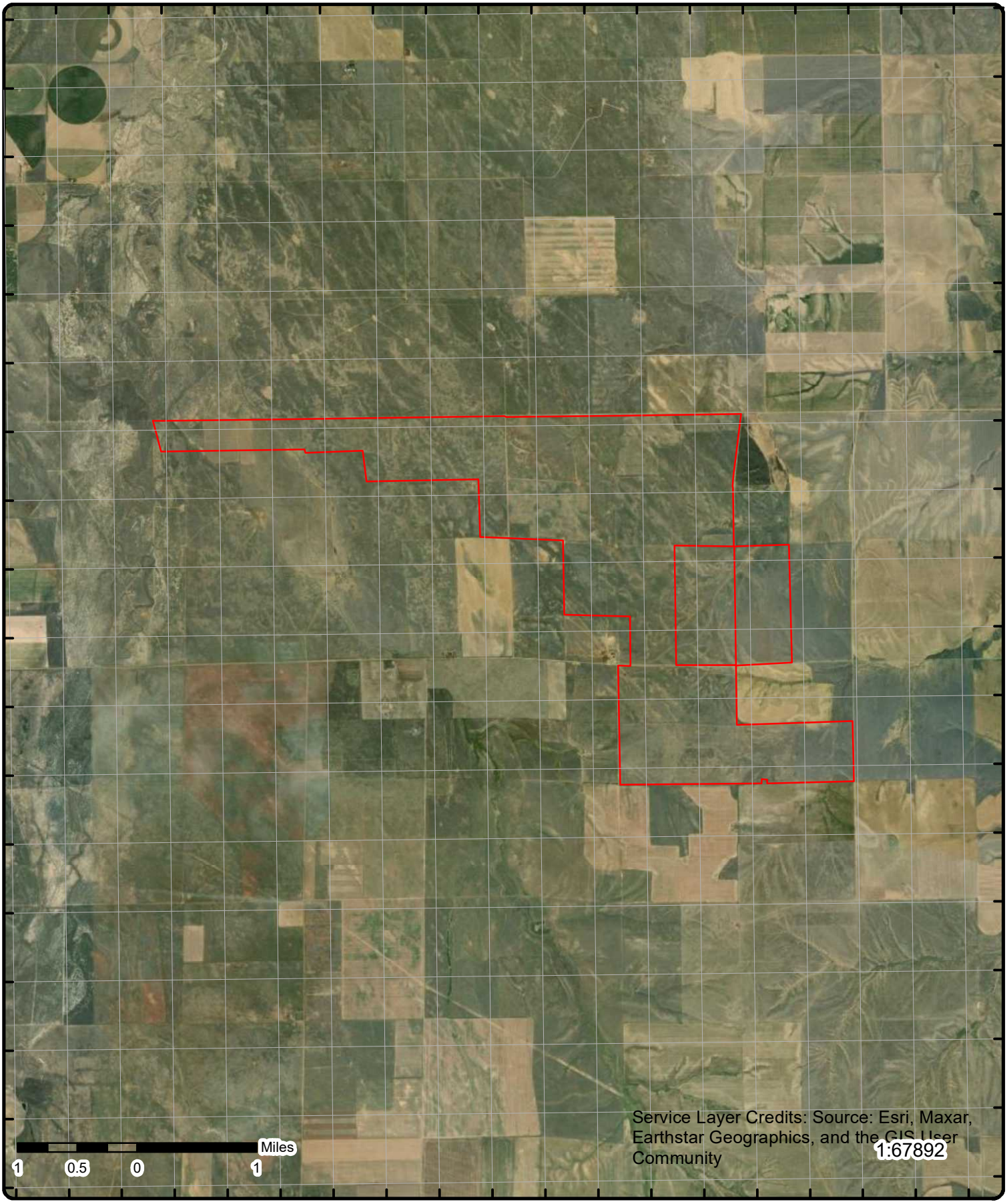
Address: Adams County, Wiggins, CO

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Aerial **Year: 2021**

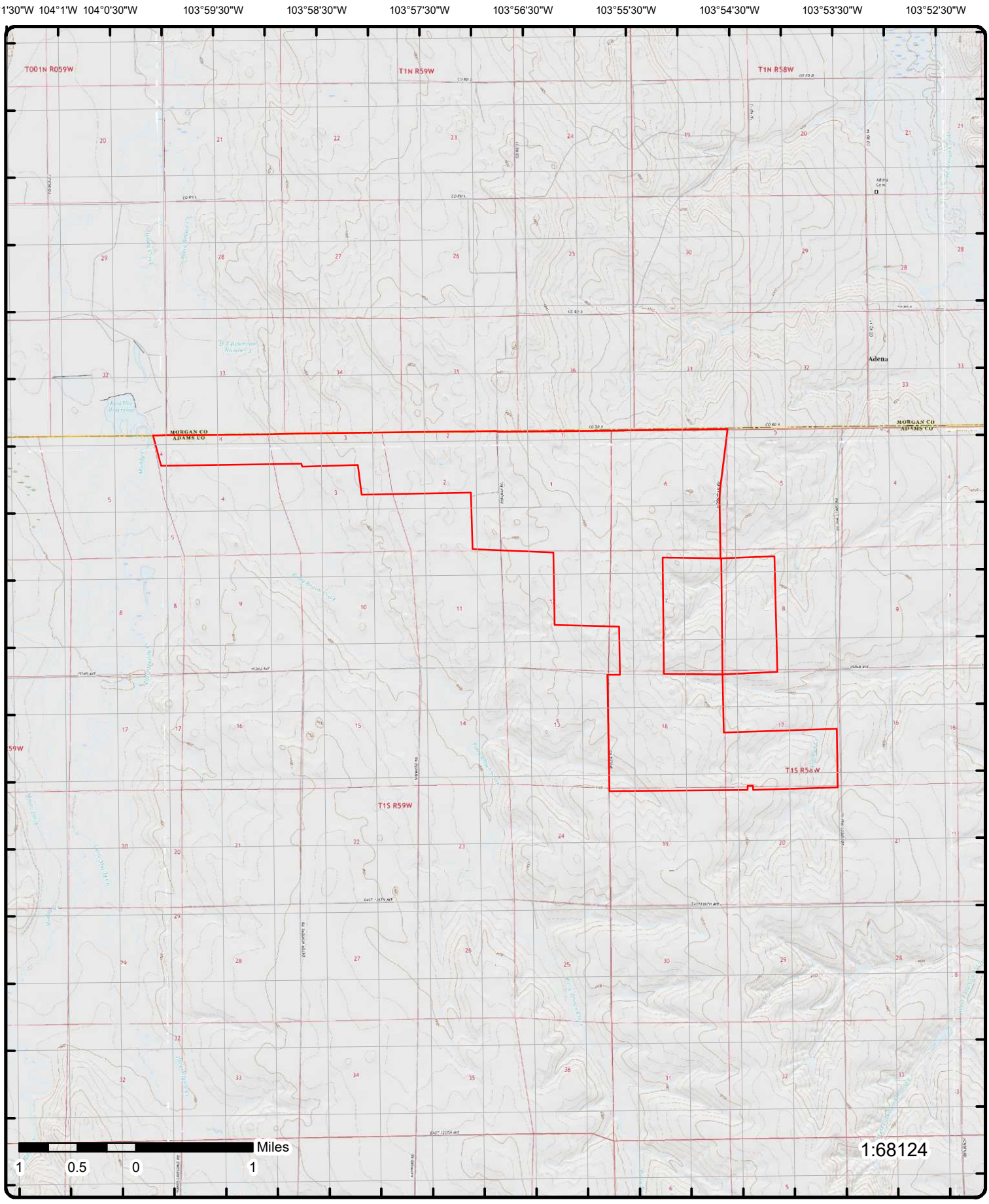
Address: Adams County, Wiggins, CO

Source: ESRI World Imagery

Order Number: 23013100605

ERIS

© ERIS Information Inc.



Topographic Map

Year: 2016

Order Number: 23013100605

Address: Adams County, CO

Quadrangle(s): Potty Brown Creek, CO; Vallery SE, CO; Hoyt, CO; Adena, CO; Shamrock, CO; Leader, CO

©ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	NNW	0.43 / 2,295.24	4,912.66 / -32	GRAVEL PIT MORGAN COUNTY WIGGINS CO 80654	MRDS

Dep ID: 10256868
Dev Status: PRODUCER
Code List: SDG
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10256868
I1: 26
Latitude: 40.007507
Longitude: -103.946106

Commodity

I1: 14
Code: SDG
Commodity: Sand and Gravel, Cons
Commodity Type: Non-metallic
Commodity Group: Sand and Gravel
Importance: Primary
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-2002 09:00:24
Updated By: USGS
Update Date: 29-OCT-2002 09:02:17

Names

I1: 24
Status: Current
Site Name: Gravel Pit
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 1	NW	0.49 / 2,582.65	4,858.22 / -87	UNKNOWN MORGAN COUNTY WIGGINS CO 80654	MRDS

Dep ID: 10091031
Dev Status: OCCURRENCE
Code List: SDG
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10091031
I1: 85
Latitude: 40.008301
Longitude: -103.953796

Commodity

I1: 60
Code: SDG
Commodity: Sand and Gravel, Cons
Commodity Type: Non-metallic
Commodity Group: Sand and Gravel
Importance: Primary
Line: 1
Inserted By: MRDS migration
Insert Date: 29-OCT-2002 09:00:24
Updated By: USGS
Update Date: 29-OCT-2002 09:01:08

Names

I1: 22
Status: Current
Site Name: Unknown
Line: 1
Inserted By: MRDS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID

No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

National Priority List - Proposed: PROPOSED NPL

Sites proposed - by the EPA, the state agency, or concerned citizens - for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Nov 23, 2022

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Nov 23, 2022

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Nov 7, 2022

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Nov 7, 2022

RCRA Generator List: RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Nov 7, 2022

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Nov 7, 2022

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Nov 7, 2022

RCRA Non-Generators: RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Nov 7, 2022

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Nov 7, 2022

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Jul 26, 2022

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Nov 23, 2022

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Sep 28, 2022

State

Methane Gas Study Sites: LANDFILL METHANE

This Investigation of Methane Gas Hazards report was prepared by the Denver Office of Emergency Preparedness in 1981. The purpose of this study was to assess the actual and potential generation, migration, explosive and related problems associated with specified landfills, and to identify existing and potential problems, suggested strategies to prevent, abate, and control such problems and recommend investigative and monitoring functions as may be deemed necessary. The Colorado Department of Health selected eight landfills as priorities due to population density and potential hazards to population and property.

Government Publication Date: Jan 2, 1981

Environmental Covenants and Use Restrictions: COVENANTS

Boundaries of environmental covenant/environmental use restriction sites made available by the Colorado Deparment of Public Health & Environment (CDPHE). CPDHE has the authority to approve requests to restrict the future use of a property using an enforceable agreement called an environmental covenant. Land use restrictions may be used to ensure the cleanup remedy adequately protects human health and the environment when a contaminated site isn't cleaned up completely.

Government Publication Date: Nov 8, 2022

Superfund National Priorities List and Natural Resource Damages sites: SUPERFUND NRD

Boundaries of Superfund National Priorities List sites and Natural Resource Damages sites in Colorado made available by the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Jun 16, 2021

Superfund Sites: SHWS

A list of Superfund sites in Colorado made available by the Colorado Department of Public Health and Environment (CDPHE). In Colorado, the cleanup of Superfund sites is overseen by the CDPHE or the Environmental Protection Agency (EPA). This list includes active Superfund sites, deleted sites, proposed sites, and natural resource damage sites.

Government Publication Date: Jun 29, 2022

Delisted Superfund Sites: DELISTED SHWS

Sites which once appeared on - but have since been removed from - the list of Superfund sites in Colorado made available by the Colorado Department of Public Health and Environment (CDPHE). In Colorado, the cleanup of Superfund sites is overseen by the CDPHE or the Environmental Protection Agency (EPA).

Government Publication Date: Jun 29, 2022

Solid Waste Facilities and Landfills: SWF/LF

The Colorado Department of Public Health and Environment (CDPHE) regulates the management and disposal of solid waste and landfill facilities. This data is provided by the CDPHE's Hazardous Materials and Waste Management Division's Solid Waste Report and the Environmental Sites Search Map Application.

Government Publication Date: Nov 4, 2022

Historical Solid Waste (Closed or Abandoned Landfills): HIST LF

In the early 1980s the Hazardous Materials Waste Management Division of the Colorado Department of Public Health and Environment (CDPHE) conducted a survey of staff members and local agencies. The information gathered was compiled in 1984 for sites that were known or thought to have waste issues. The information is not complete and generally not very definitive or verifiable. This data became the Solid Waste Historical Data. The data is not maintained and has not been since the late 1980s.

Government Publication Date: 1984

Tri-County Historic Landfills: HIST LANDFILLS

A list of historical landfills made available by the Tri-County Health Department (TCHD). The TCHD serves Adams, Arapahoe, and Douglas Counties.

Government Publication Date: Jun 1, 2022

Registered Recycling Facilities: RECYCLING

This list of registered recycling facilities in Colorado is maintained by the Colorado Department of Public Health & Environment (CDPHE). This list includes primarily processing facilities for recyclable materials, such as material recovery facilities, industrial recycling operations, and recyclable material end user sites. Collection centers/drop-off locations are not included unless the site is also processing recyclable materials (separating, sorting, dismantling, grinding, baling, etc.).

Government Publication Date: Sep 12, 2022

Leaking Storage Tanks: LST

A list of leaking storage tank locations from the Colorado Storage Tank Information System (COSTIS) database, including those which have applied for reimbursement from the Petroleum Storage Tank Fund. This list is made available by the Division of Oil and Public Safety (OPS) of the Colorado Department of Labor and Employment (CDLE) and includes data compiled from applicable FOIA files, COSTIS files and other OPS datasets.

Government Publication Date: Oct 18, 2022

LUST Trust Sites: LUST TRUST

The Division of Oil and Public Safety of the Colorado Department of Labor and Employment (CDLE) manages a Petroleum Storage Tank Fund (The Fund) that receives and processes applications to the Fund for reimbursement of costs related to assessment and cleanup of petroleum contaminated sites.

Government Publication Date: Oct 18, 2022

Delisted Leaking Storage Tanks: DELISTED LST

This database contains a list of leaking storage tank sites and their Funds for reimbursement of costs related to assessment and cleanup that were removed from the Colorado Department of Labor and Employment (CDLE) database.

Government Publication Date: Oct 18, 2022

Underground Storage Tanks: UST

A list of underground storage tanks from the Colorado Storage Tank Information System (COSTIS) database. This database is made available by the Division of Oil and Public Safety (OPS) of the Colorado Department of Labor and Employment (CDLE). Data is compiled from applicable FOIA files, COSTIS files and other OPS datasets.

Government Publication Date: Oct 18, 2022

Aboveground Storage Tanks: AST

A list of aboveground storage tanks from the Colorado Storage Tank Information System (COSTIS) database. This list is made available by the Division of Oil and Public Safety (OPS) of the Colorado Department of Labor and Employment (CDLE). Data is compiled from applicable FOIA files, COSTIS files and other OPS datasets.

Government Publication Date: Oct 18, 2022

Storage Tank Information System (COSTIS): TANKS

This storage tank listing is provided by the Colorado Department of Labor and Employment, Division of Oil and Public Safety (OPS). The OPS manages the Colorado Storage Tank Information System (COSTIS) database which stores information on these facilities. This tank data includes facilities with liquefied petroleum gas, liquefied natural gas, and compressed natural gas tanks which are not classified as either underground storage tanks or aboveground storage tanks. Data is compiled from applicable FOIA files, COSTIS files and other OPS datasets.

Government Publication Date: Oct 18, 2022

Delisted Storage Tanks: DTNK

This database contains a list of closed storage tank sites that were removed from the Division of Oil and Public Safety of the Colorado Department of Labor and Employment (CDLE) Tank Information System.

Government Publication Date: Oct 18, 2022

Environmental Covenants and Environmental Use Restrictions List: AUL

The Colorado Department of Public Health and Environment (CDPHE) maintains a list of sites that have environmental covenants and use restrictions in place. Land use restrictions may be used to ensure the cleanup remedy adequately protects human health and the environment when a contaminated site is not cleaned up completely.

Government Publication Date: Nov 8, 2022

Voluntary Cleanup and Redevelopment Program Sites: VCP

The Voluntary Cleanup and Redevelopment Program (VCUP) of the Colorado Department of Public Health and Environment (CDPHE) was created in 1994 with the objective to facilitate the redevelopment and transfer of contaminated properties. This VCUP site listing includes applicable sites from the CDPHE FOIA file and map layer.

Government Publication Date: Dec 6, 2022

Brownfield Sites: BROWNFIELDS

A list of Brownfields Program sites from the Hazardous Materials and Waste Management Division and the Colorado Environmental Records Search Interactive Map made available by the Colorado Department of Public Health and Environment (CDPHE). Sites which go untouched because of their real or perceived contamination can be rehabilitated using the CDPHE Brownfields Program.

Government Publication Date: Nov 1, 2022

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 8, which includes Colorado, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 8, which includes Colorado, is made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Nov 23, 2022

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST
Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST
Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Nov 23, 2022

County

No County databases were selected to be included in the search.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS
The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).
Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program: TRIS
The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.
Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI
List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.
Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites: PFAS NPL
List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).
Government Publication Date: Oct 4, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER
The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.
Government Publication Date: Jul 20, 2020

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills: ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Nov 23, 2022

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Jun 25, 2022

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jun 25, 2022

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 3, 2022

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Oct 10, 2022

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Jul 28, 2022

State

Spills: SPILLS

A list of hazardous material spills and releases (including Meth Labs) that were reported to the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Apr 8, 2022

Colorado Oil and Gas Conservation Commission Spills: OG SPILLS

A list of spills made available by the Colorado Oil and Gas Conservation Commission (COGCC).

Government Publication Date: Nov 2, 2022

Dry Cleaning Facilities: DRYCLEANERS

A list of dry cleaners provided by the Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Compliance Assurance Unit and Stationary Sources Program.

Government Publication Date: Dec 14, 2022

Delisted Dry Cleaning Facilities: DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Department of Public Health & Environment.

Government Publication Date: Dec 14, 2022

Air Pollution Control Division Permitted Facilities: AIR PERMITS

This list of Air Pollution Control Division Permitted Facilities is maintained by the Colorado Department of Public Health and Environment. The Stationary Sources Program evaluates and develops air permits for stationary sources in Colorado. The program inspects sources to determine compliance with air regulations and permit conditions and maintains an inventory of air pollution emissions throughout the state.

Government Publication Date: Nov 15, 2022

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of facilities that reported storing or using AFFF or Class B firefighting foam, other PFAS chemicals, have reported PFAS passthrough, or have detectable limits of PFAS in their discharge.

Government Publication Date: Dec 8, 2020

Asbestos Abatement and Demolition Projects: ASBESTOS

A list of Asbestos Abatement and Demolition Projects made available by the Colorado Department of Public Health and Environment (CDPHE), Air Pollution Control Division.

Government Publication Date: Dec 28, 2017

Hazardous Waste Sites- Generator: HAZ GEN

A list of hazardous waste generators.This list is made available by the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Jun 30, 2003

Permitted Facilities Listing: PDES

A list of permitted facilities tracked by the Water Quality Control Division of the Department of Public Health & Environment (DPHE). This list is the state version of the NPDES (National Pollution Discharge Elimination System).

Government Publication Date: Dec 1, 2022

Hazardous Waste Sites- Treatment, Storage & Disposal: HAZ TSD

A list of facilities that treat, store, dispose, or recycle hazardous waste on-site. This list is made available by the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Jun 30, 2003

Hazardous Waste Sites- Corrective Action: HAZ CORRACT

A list of hazardous waste generators with corrective actions. This list is made available by the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Jun 30, 2003

Uranium Mill Tailings Sites: UMTRA

This list of former uranium mill sites in Colorado, with cleanup authorized by the Uranium Mill Tailings Remedial Action (UMTRA) program, was provided by the Colorado Department of Public Health and Environment. Because much of the cleanup is complete, the focus has shifted to primarily "Post-UMTRA issues," or the discovery of new uranium mill tailings material by private citizens, utility companies or local governments.

Government Publication Date: Sep 26, 2022

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX E

CREDENTIALS

Kevin R. Saylor, P.E.

Senior Associate | Senior Project Engineer



PROFESSIONAL EXPERIENCE

Mr. Saylor is a Senior Project Engineer in Terracon's Denver, Colorado, office. His responsibilities and duties include project management, technical support, and senior review for various environmental projects and assessments. Mr. Saylor currently provides senior project review for approximately 150 of Terracon's Denver Office ASTM E 1527 Phase I Environmental Site Assessments (ESAs) and 30 Limited Site Investigations (LSIs) each year.

Mr. Saylor has more than 25 years of environmental experience. He has experience in Phase I ESAs, subsurface investigations, vapor intrusion assessment and modeling, leaking underground storage tanks (LUSTs), voluntary remediation, Brownfields, Resource Conservation and Recovery Act (RCRA) closure, corrective action, risk-based corrective action, management plans, Safe Drinking Water Act (SDWA) regulations, review of water system distribution plans / specifications, statistical analysis for landfill monitoring, mold investigations and remediation, and laboratory analysis of soil and groundwater samples.

PROJECT EXPERIENCE

Various EDENS projects, RiNo neighborhood – Denver, CO

Between 2018 and 2022 Terracon prepared ten Phase I ESAs, seven LSIs, and eight Asbestos building surveys for EDENS to facilitate the purchase and potential redevelopment of a group of commercial/industrial properties on their planned Block A and Block B redevelopment project and the surrounding properties near Larimer, Lawrence, Walnut, 25th, 26th, and 27th streets. Mr. Saylor served as the senior technical reviewer on the Phase ESAs and LSIs.

The LSIs included the advancement of soil borings within the exterior and interior of building spaces to facilitate the collection of soil and groundwater samples for analysis. When EDENS had not intended to redevelop the site and continue current use of the site, Terracon limited their LSIs to interior sub-slab soil gas sampling to reduce costs incurred to EDENS and disturbance to the current building operations. Terracon installed and sampled sub-slab soil gas points through the concrete slab of the bottom floor of the buildings.

Former Denver Post - Denver Colorado

Mr. Saylor is serving as the senior technical reviewer for redevelopment of the former Denver Post facility in Denver, Colorado. Due diligence services started with a Phase I ESA, which identified numerous RECs related to historical use of the site (printer, brick manufacturer) an surrounding area (former Asarco smelter). A portion of the site is also included in Operable Unit 3 of the Vasquez Boulevard and I-70 CERCLA Site. Terracon's project team has coordinated several investigation efforts with the US EPA and the City and County of Denver. The primary concerns at the site are widespread fill material and soil with polynuclear aromatic hydrocarbons (PAHs) and RCRA metals. The environmental impacts will be excavated beginning in the Fall of 2022 under a Bona Fide Prospective Purchaser Agreement established with the EPA. Estimated fees: $3M

EDUCATION

Bachelor of Science, Civil and Environmental Engineering, University of Illinois at Urbana Champaign, 1993

REGISTRATIONS/ CERTIFICATIONS

Registered Professional Engineer: Colorado, Illinois, Indiana, and Kentucky

PROFESSIONAL TRAINING

OSHA Hazardous Waste Operations and Emergency Response (40-hour)

AFFILIATIONS

National Society of Professional Engineers

Former Union Pacific Railroad Yard Due Diligence – Denver, CO
Colorado Department of Transportation
Mr. Saylor was the senior technical reviewer for the environmental due diligence of the former rail yard on behalf of the Colorado Department of Transportation (CDOT) for potential property purchase and redevelopment. The project included a Phase I ESA and LSI of the 60-acre property that was continuously used for a rail maintenance and repair facility from 1871 through 2016. The Phase I ESA over 100 Recognized Environmental Conditions (RECs) associated with the historical onsite activities and several historical upgradient offsite releases.

The LSI strategy was designed to efficiently assess the RECs. The initial phase of the subsurface assessment was drilling and in-situ data collection from a series of high-resolution site characterization (HRSC) transects. The HRSC technologies used for the assessment were a combination of membrane interface hydraulic profiling tool (MiHPT) and ultra-violet optical image hydraulic profiling tool (OiHPT) at more than 130 locations to identify petroleum and volatile organic compound in the soil and groundwater. The HRSC was followed by collecting 74 soil and 21 groundwater samples to correlate the in-situ HRSC data. The surface soil was sampled at six soil borings for impacts related to the adjacent Denver Radium Site. Additionally, seven existing onsite and downgradient offsite monitoring wells were sampled. The results indicated three separate residual light non-aqueous phase liquids (LNAPL) masses, which were determined to be sorbed to soil and within the soil pores and not to be migrating from the soil to groundwater. Limited soil contamination was associated with coal-based urban fill containing with carcinogenic polynuclear aromatic hydrocarbons (PAHs), and lead in surface soil above exposure screening levels and categorized as hazardous waste. As CDOT's partner, Mr. Saylor and the project team presented the findings to the CDOT Executive Team and support personnel responsible for making the decision on the property purchase.
Estimated fees: $405,000

Federal Boulevard Brownfields Project – Denver, CO
City and County of Denver On-Call Environmental Services Contract
Mr. Saylor was the project manager for this project, which consisted of Brownfields Assessment Services at a 3-acre parcel, currently utilized as a parking lot. Environmental concerns included former on-site and off-site junkyards, a former off-site landfill, and nearby historical automotive service. This grant-funded project included a Phase I ESA, property-specific SAP, HASP, and a Phase II ESA with soil, groundwater, and soil gas sampling / analysis and reporting. Estimated fees: $60,000

Multi-Family Housing Development – Denver, CO
Terracon performed a Phase I ESA and a Limited Site Investigation (LSI) for this 2.3-acre site near downtown Denver. The Phase I ESA identified several historical concerns, including on-site and off-site automotive service facilities and dry cleaners. The LSI did not identify soil or groundwater impact at the site. However, Terracon prepared a Materials Management Plan to be used during redevelopment activities due to the history of the site. Mr. Saylor was the project manager for construction oversight activities, which consisted of on-call removal of a buried waste drum, seven abandoned USTs, associated waste materials and impacted soil. Terracon worked with the Colorado Department of Labor and Employment - Division of Oil and Public Safety (OPS) throughout the project to assist the client in obtaining a No Further Action determination for the unregulated tanks. Estimated Fees: $110,000.

Retreat at Louisville – Louisville, KY
Redevelopment project for the University of Louisville-affiliated student housing complex of former American Standard property. Due diligence activities included a Phase I ESA, a LSI, and a Soil Gas Investigation. Obtained Notice of Concurrence for a new property owner through the KY Brownfield Redevelopment Program. Terracon also prepared a Property Management Plan and provided construction support services (vapor mitigation system design and installation QA/QC, soil management support, etc.). Estimated Fees: $283,500

The Grove at Louisville – Louisville, KY
Member of project team for USEPA Brownfields Revolving Loan Fund Grant site. The site was formerly used for multiple industrial purposes. Provided technical support of the remediation plan, field activities, and asbestos abatement design. Remedial actions included asbestos abatement, underground storage tank (UST) removal, and in-situ remediation of two trichloroethylene (TCE) groundwater plumes. Site has been redeveloped for student housing and is undergoing long-term management and monitoring.

DHA - 9th and Navajo Development – Denver, CO
Mr. Saylor served as the lead technical reviewer for this DHA redevelopment project near 9th and Navajo Street in Denver, Colorado. The Phase I ESA identified several RECs for the site, including documented soil and groundwater contamination on-site, former use of the site and adjoining property as a bulk petroleum facility, and onsite stained soils. The LSI included the advancement of soil borings and the collection of soil and groundwater samples. Terracon attended a meeting with DHA and the Denver Department of Public Health and Environmental (DDPHE), Environmental Quality, to discuss the findings of the ESA and LSI and facilitate an associated right of way dedication to the City and County of Denver (CCoD).

DHA – Delaware Street – Denver, CO
Mr. Saylor served as the lead technical reviewer for this DHA acquisition on Delaware Street. The Phase I ESA identified off-site and upgradient historical automotive service and a large-scale printing operation as RECs. The LSI included soil and groundwater sampling, which identified limited soil and groundwater impacts at the site. Terracon recommended use of a Materials Management Plan when the site is redeveloped.

DHA – Sun Valley Neighborhood – Denver, CO
Mr. Saylor served as the lead technical reviewer for a number of Phase I ESAs and one Limited Phase II ESA to assist DHA with redevelopment of the former Sun Valley community.

Victoria R. Jolly

Staff Geologist



PROFESSIONAL EXPERIENCE

Victoria Jolly is a Staff Geologist in Terracon's Denver, Colorado office. Their duties include conducting Phase I Environmental Site Assessments (ESAs), Limited Site Investigations (LSIs), groundwater monitoring, soil sampling, oversight of environmental drilling and well installation, soil vapor assessments, asbestos surveys, indoor air quality surveys, and stormwater compliance inspections. Victoria is responsible for due diligence, site investigation, and remediation projects.

PROJECT EXPERIENCE

Oklahoma Department of Transportation (ODOT) Salt Storage Facility – Edmond, Oklahoma

Project manager during comprehensive sampling of 40+ groundwater monitoring wells for a variety of constituents due to former road salt storage, herbicide storage, and underground petroleum storage tank impacts. Management of field staff, weekly meetings with ODOT and ODEQ, review of project history, and engagement with the Brownfields and Voluntary Cleanup Programs.

Eagle Industries Superfund Remedial Investigation – Midwest City, Oklahoma

Assistant project manager and field lead for groundwater sampling during remedial investigations for the Eagle Industries CERCLA site. Field duties included oversight of monitoring well installation and development, geologic logging, low-flow groundwater purging and sampling, and hydraulic conductivity testing for improved hydrogeologic understanding. Project management efforts include weekly client meetings with ODEQ, preparation of reports, analyzing data, field oversight, and budget management.

Phase I Environmental Site Assessments (ESAs) – Colorado, Oklahoma, Texas, Arkansas, Idaho, Minnesota, Iowa, Wisconsin, North Dakota, South Dakota, and Nebraska

Prepare proposals, maintain budgets, and manage due diligence projects. This includes reviewing historical, regulatory, and geophysical data for sites and their surrounding vicinity to evaluate for the potential of environmental concerns and Recognized Environmental Conditions. All pertinent information is considered and evaluated for potential environmental impacts to site media. Work includes performing a site visit, analyzing collected data, creating figures, review of regulatory information, and report preparation in compliance with ASTM 1527-13 and/or ASTM 1527-21.

Limited Subsurface Investigations (LSIs) – Colorado, Oklahoma, and Minnesota

Conduct LSIs to determine the presence and/or extent of impact from various chemicals of concern including volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), polycyclic aromatic hydrocarbons (PAHs), metals, pesticides, and herbicides. Supervision of subcontractors, oversight of drilling activities, geologic logging, groundwater gauging, soil sampling, groundwater sampling, soil vapor sampling, equipment preparation and decontamination was performed. Following field activities data analysis, reports, and recommendations were prepared and delivered to clients in a timely manner.

EDUCATION

Bachelor of Arts – Geology
Carleton College, 2018
Northfield, MN

REGISTRATIONS/ CERTIFICATIONS

Certified Asbestos Inspector,
Oklahoma Department of Labor

PROFESSIONAL TRAINING

OSHA 40-hour HAZWOPER

WORK HISTORY

Terracon Consultants, Inc.
Denver, CO
Staff Geologist, 2022- Present

Oklahoma City, OK
Field Scientist, 2020-2022

ProTec Environmental Consultants
Saint Paul, MN
Project Manager, 2019-2020

Victoria R. Jolly (continued)

East Oak Landfill Cell 13 Construction and Turbidity – Midwest City, Oklahoma

Lead field personnel for construction quality assurance during construction of new cell within the East Oak Landfill. Work duties included construction oversight, field integrity testing, and documentation of daily activities and work progress. Following cell construction, turbidity monitoring of discharged stormwater from the landfill was conducted quarterly. Site visits included visual monitoring of drainage area for erosion and water quality.

Oil and Gas Experience – Oklahoma, Texas, and Kansas

Project manager for due diligence and pre-purchase assessments at various oil and gas exploration and production facilities. Projects have included risk management, asset management, cleanup proposal budgeting, evaluation of pipeline systems, regulatory assessments, soil and groundwater sampling and analysis, refining operations, and compressor stations.

Environmental Air Quality Assessments – Oklahoma and Minnesota

Project manager and field lead on multiple environmental air quality assessments for commercial and multi-family residential properties. Visually assessed the concern areas and commonly tested for respirable dust, respirable crystalline silica, mold, and VOCs using various types of samplers and equipment. Projects have included quality and risk assessments of indoor air, soil gas, sub-slab soil vapor, and vapor encroachment concerns.

Asbestos Surveys and Microbial Assessments – Oklahoma

Acted as field technician on multiple asbestos surveys and microbial including commercial and residential properties for renovation or demolition. Responsibilities include visual observations for suspect asbestos and microbial growth, selecting sample locations, sample collection, documentation, report preparation, and post-remediation verification evaluations.

APPENDIX F

DESCRIPTION OF TERMS AND ACRONYMS

Description of Selected General Terms and Acronyms

Term / Acronym	Description
ACM	Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining). Regulatory agencies have generally defined ACM as a material containing greater that one (1) percent asbestos, however some states (e.g., California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable. Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.

Description of Selected General Terms and Acronyms

Term / Acronym	Description
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-21 as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report."
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic

Description of Selected General Terms and Acronyms

Term/Acronym	Description
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-21 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.
ILP	Innocent Landowner/Operator Program

Description of Selected General Terms and Acronyms

Term/Acronym	Description
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.

Description of Selected General Terms and Acronyms

Term / Acronym	Description
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.
RCRA CORRACTS/ TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/ TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.

Description of Selected General Terms and Acronyms

Term/Acronym	Description
REC	Recognized Environmental Conditions are defined by ASTM E1527-21 as 1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition.
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service

Description of Selected General Terms and Acronyms

Term/Acronym	Description
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-21, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound
Wetlands	Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present. The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.

Appendix D

Environmental Agency Database Search Report

DATABASE REPORT

Project Property:	*Goldwing* *Goldwing* *Fort Morgan CO*
Project No:	*203732552, Task 4*
Report Type:	*Database Report*
Order No:	*26022400384*
Requested by:	*Stantec Consulting Ltd.*
Date Completed:	*February 26, 2026*

Environmental Risk Information Services
A division of Glacier Media Inc.
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Executive Summary

Property Information:

Project Property:	*Goldwing* *Goldwing Fort Morgan CO*
Project No:	*203732552, Task 4*

Coordinates:

Latitude:	*39.98282465*
Longitude:	*-103.93084366*
UTM Northing:	*4,426,398.24*
UTM Easting:	*591,286.66*
UTM Zone:	*13S*

Elevation: *4,957 FT*

Order Information:

Order No:	*26022400384*
Date Requested:	*February 24, 2026*
Requested by:	*Stantec Consulting Ltd.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*GIS Ready Aerials*
City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
LANDFILL METHANE	Y	0.5	0	0	0	0	-	0
COVENANTS	Y	0.5	0	0	0	0	-	0
SUPERFUND NRD	Y	1	0	0	0	0	0	0
SHWS	Y	1	0	0	0	0	0	0
DELISTED SHWS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
HIST LF	Y	0.5	0	0	0	0	-	0
HIST LANDFILLS	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
LST	Y	0.5	0	0	0	0	-	0
LUST TRUST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
TANKS	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
AUL	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

County ***No County databases were selected to be included in the search.***

Additional Environmental Records

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Federal								
PFAS GHG	Y	0.5	0	0	0	0	-	0
OSC RESPONSE	Y	0.125	0	0	-	-	-	0
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
PFAS ERNS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	**2**	0	**2**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
POWER PLANTS	Y	0.125	0	0	-	-	-	0
HIST RISK	Y	0.125	0	0	-	-	-	0
NPDES BIOSOLIDS	Y	PO	0	-	-	-	-	0
State								
SPILLS	Y	0.125	0	0	-	-	-	0
OG SPILLS	Y	0.125	0	0	-	-	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
AIR PERMITS	Y	0.125	0	0	-	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
ASBESTOS	Y	0.125	0	0	-	-	-	0
HAZ GEN	Y	0.125	0	0	-	-	-	0
PDES	Y	PO	0	-	-	-	-	0
HAZ TSD	Y	0.5	0	0	0	0	-	0
HAZ CORRACT	Y	1	0	0	0	0	0	0
UMTRA	Y	0.5	0	0	0	0	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental databases were selected to be included in the search.***							
Total:			0	0	0	**2**	0	**2**

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	MRDS	GRAVEL PIT	MORGAN COUNTY WIGGINS CO 80654 ***Dep ID:*** 10256868	NNW	0.44 / 2,315.05	-44	16
2	MRDS	UNKNOWN	MORGAN COUNTY WIGGINS CO 80654 ***Dep ID:*** 10091031	NW	0.49 / 2,602.75	-99	16

Executive Summary: Summary by Data Source

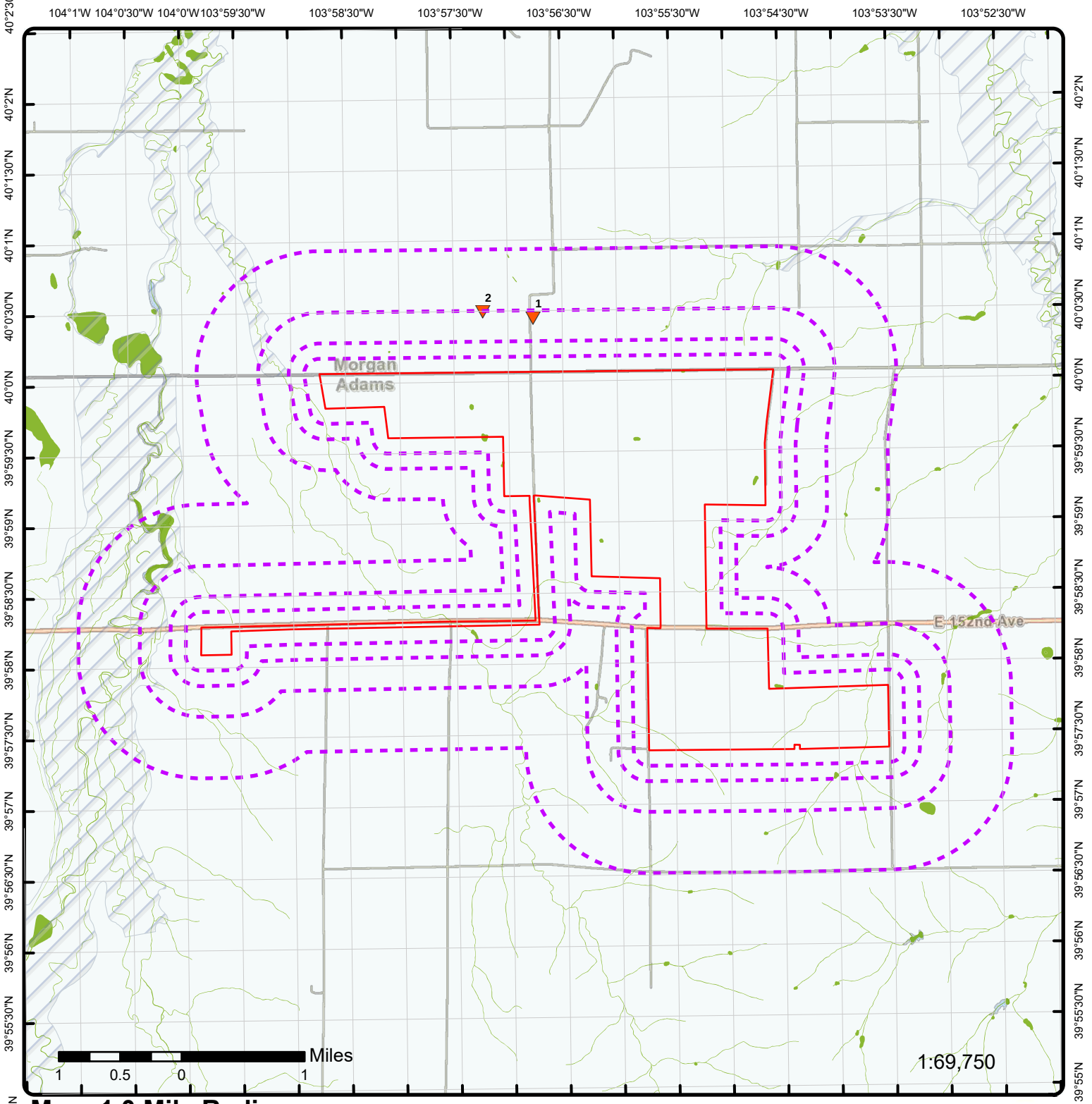
Non Standard

Federal

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2016 has found that there are 2 MRDS site(s) within approximately 1.00miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
GRAVEL PIT	MORGAN COUNTY WIGGINS CO 80654 ***Dep ID**: 10256868*	NNW	0.44 / 2,315.05	1
UNKNOWN	MORGAN COUNTY WIGGINS CO 80654 ***Dep ID**: 10091031*	NW	0.49 / 2,602.75	2



Map: 1.0 Mile Radius

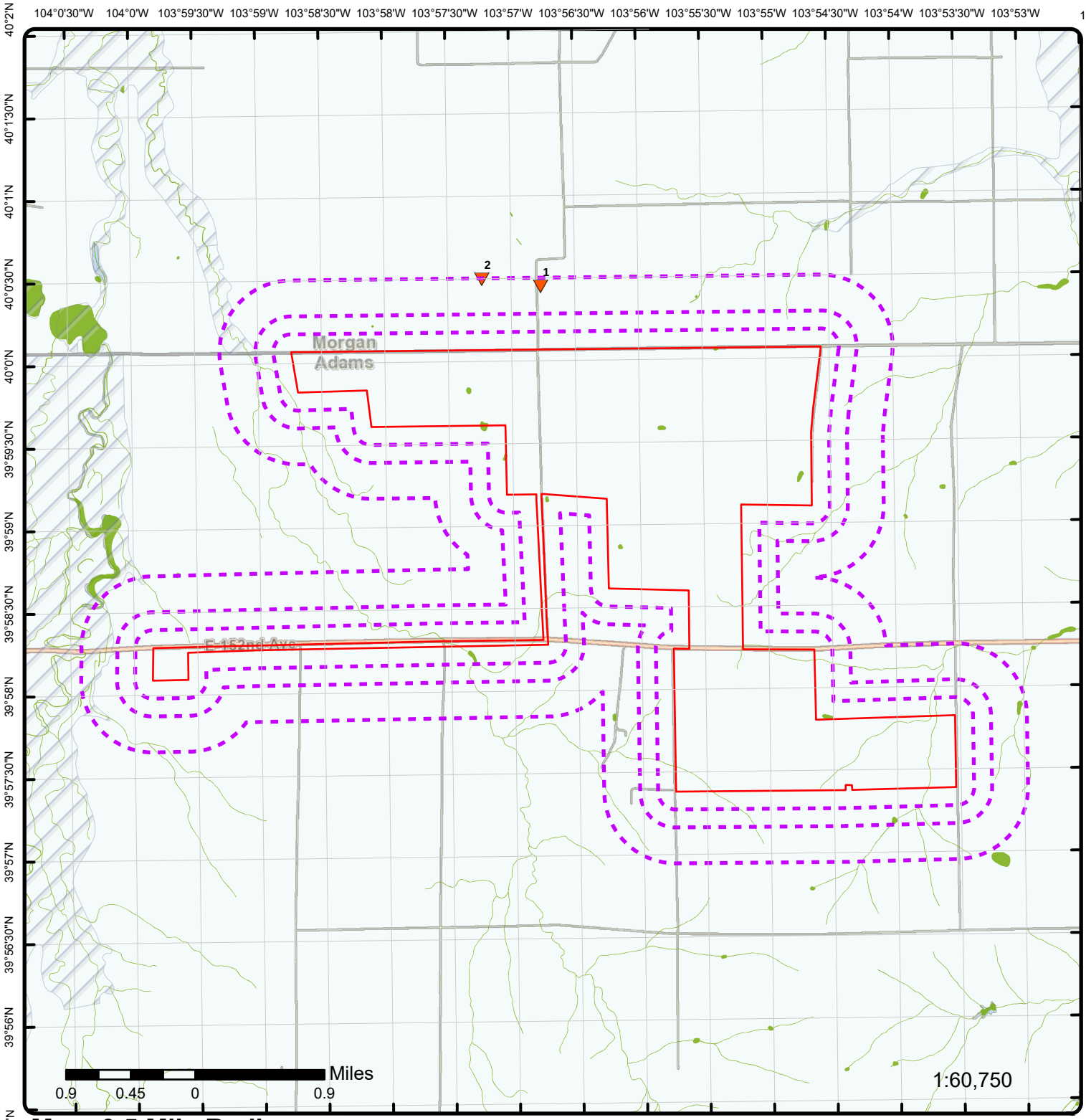
Order Number: 26022400384

Address: Goldwing, Fort Morgan, CO

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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Map: 0.5 Mile Radius

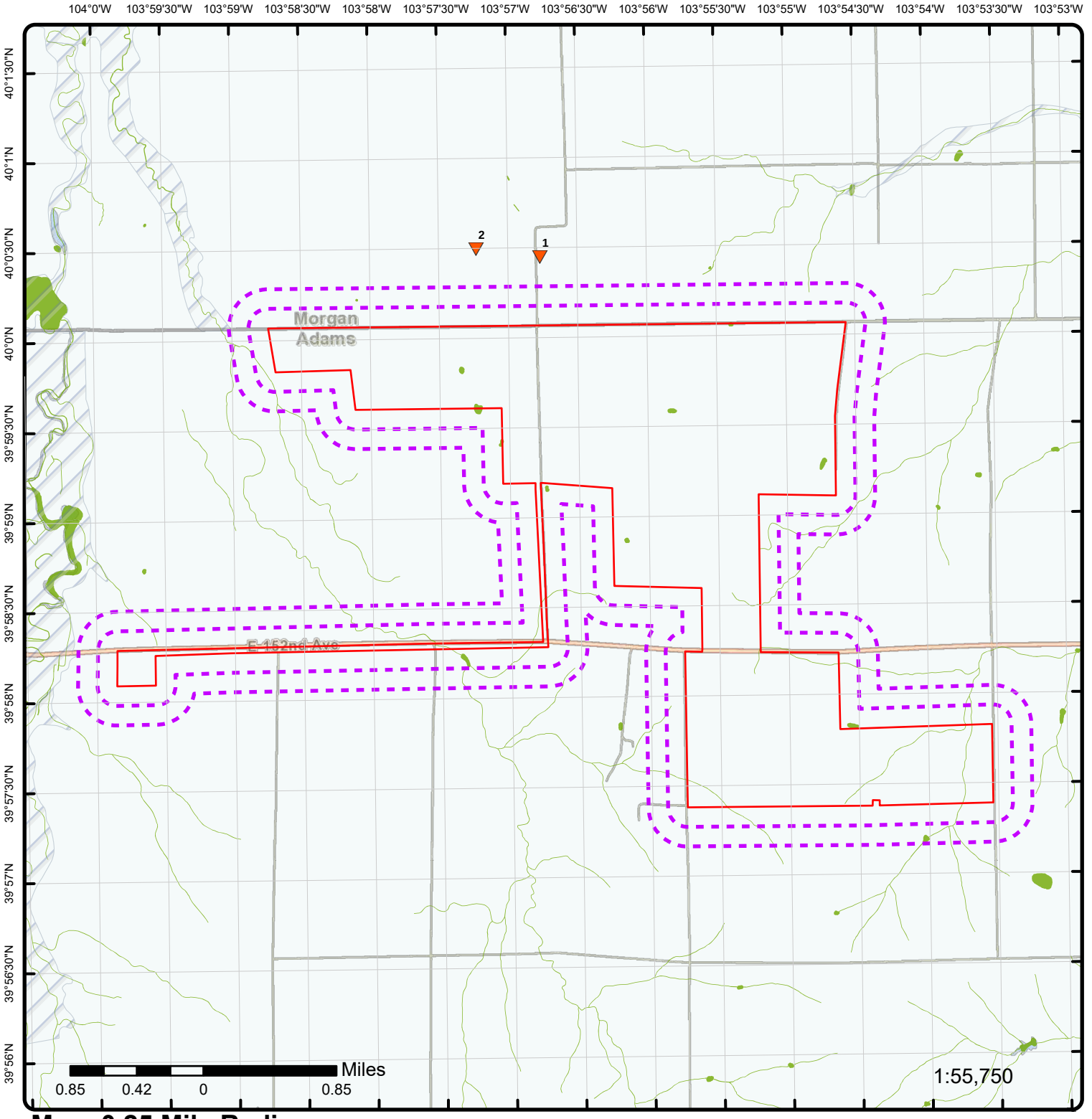
Order Number: 26022400384

Address: Goldwing, Fort Morgan, CO

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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Map: 0.25 Mile Radius

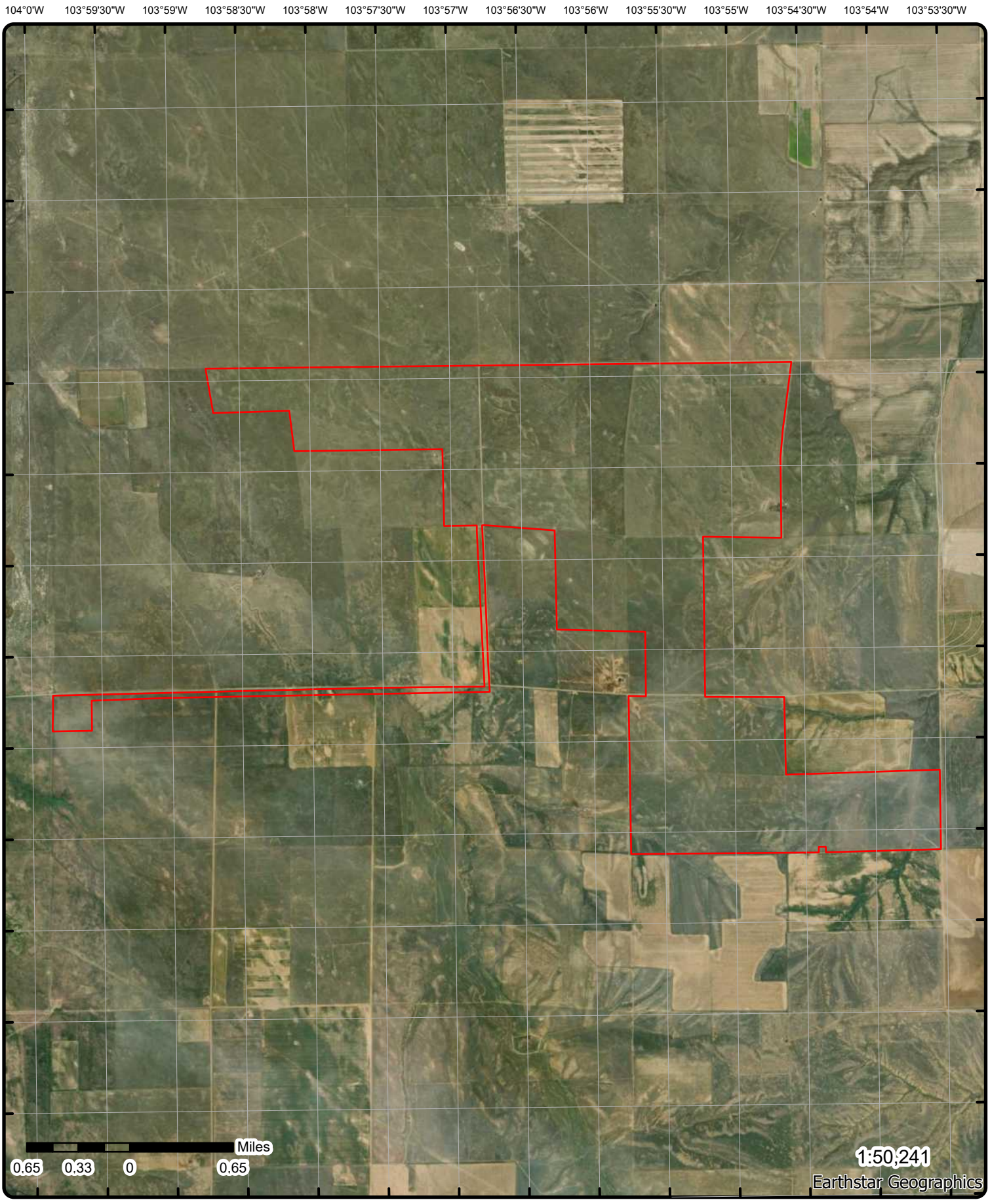
Order Number: 26022400384

Address: Goldwing, Fort Morgan, CO

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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Aerial

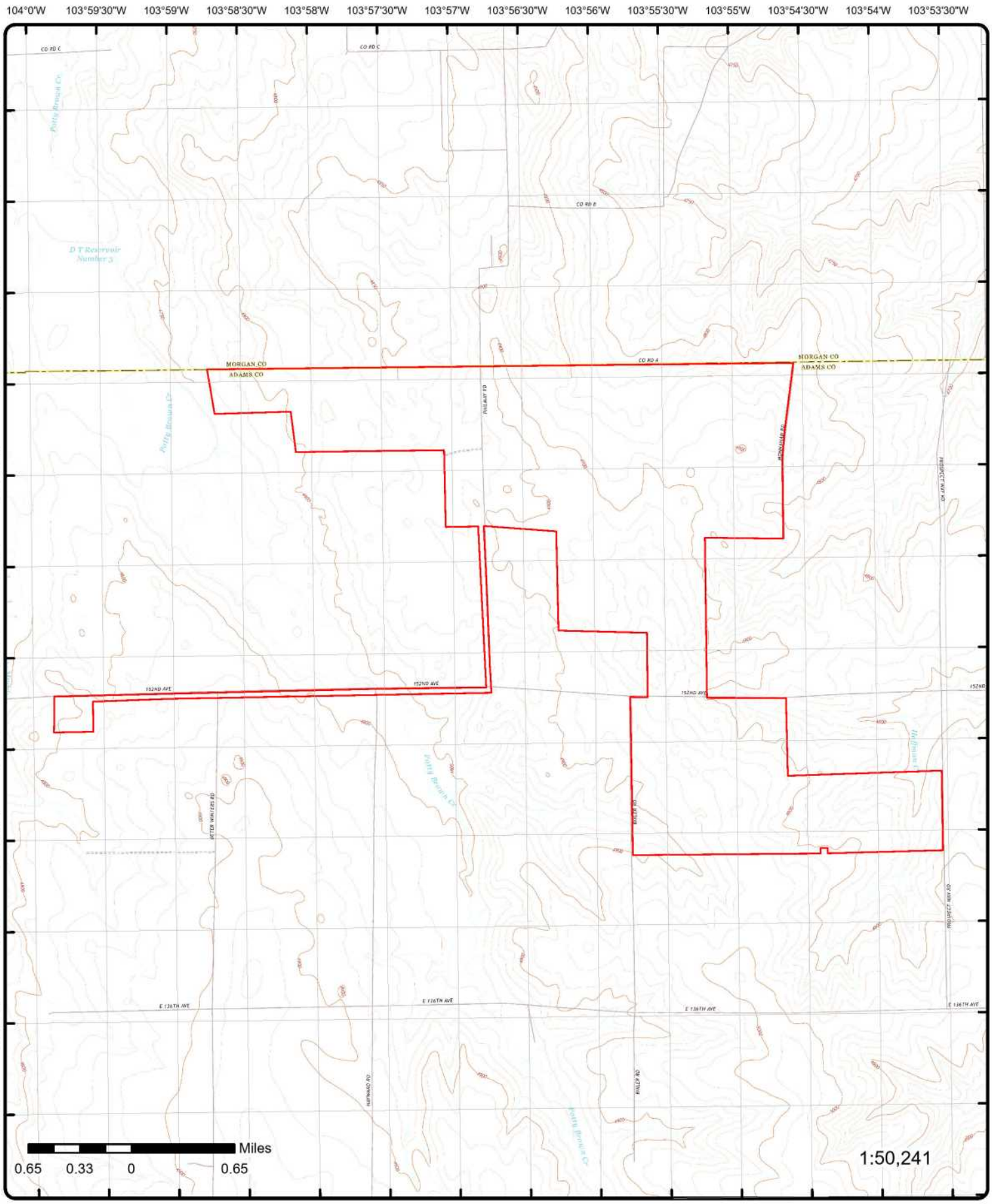
Year: 2024

Order Number: 26022400384

Address: Goldwing, Fort Morgan, CO

Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Year: 2022

Order Number: 26022400384

Address: Goldwing, CO

Quadrangle(s): Adena CO, Hoyt CO, Potty Brown Creek CO, Shamrock CO, Leader CO, Vallery SE CO

©ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of1	NNW	0.44 / 2,315.05	4,912.66 / -44	GRAVEL PIT MORGAN COUNTY WIGGINS CO 80654	MRDS

Dep ID: 10256868
Dev Status: PRODUCER
Code List: SDG
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10256868
I1: 26
Latitude: 40.007507
Longitude: -103.946106

Commodity

I1: 14
Code: SDG
Commodity: Sand and Gravel, Cons
Commodity Type: Non-metallic
Commodity Group: Sand and Gravel
Importance: Primary
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-2002 09:00:24
Updated By: USGS
Update Date: 29-OCT-2002 09:02:17

Names

I1: 24
Status: Current
Site Name: Gravel Pit
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of1	NW	0.49 / 2,602.75	4,858.22 / -99	UNKNOWN MORGAN COUNTY WIGGINS CO 80654	MRDS

Dep ID: 10091031
Dev Status: OCCURRENCE
Code List: SDG
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10091031
I1: 85
Latitude: 40.008301
Longitude: -103.953796

Commodity

I1: 60
Code: SDG
Commodity: Sand and Gravel, Cons
Commodity Type: Non-metallic
Commodity Group: Sand and Gravel
Importance: Primary
Line: 1
Inserted By: MRDS migration
Insert Date: 29-OCT-2002 09:00:24
Updated By: USGS
Update Date: 29-OCT-2002 09:01:08

Names

I1: 22
Status: Current
Site Name: Unknown
Line: 1
Inserted By: MRDS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID

No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

The U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL) includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program, based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. This data includes NPL sites represented as polygons, where available, that can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS), and is limited to those sites where the NPL Status reflects the site is 'Currently on the Final NPL (F)' and/or the 'Site is Part of NPL Site (A)'. These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. As site investigation and remediation progress, OUs may be added, modified or refined. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jan 18, 2026

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the U.S. Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jan 18, 2026

Deleted NPL: DELETED NPL

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jan 18, 2026

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool. This data may also include applicable sites represented as polygons sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS), and is limited to those sites where the NPL Status reflects the site is 'Not on the NPL (N)' , 'Removed from Proposed (R)', and/or 'Pre-Proposal Site (S)'. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Aug 27, 2025

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file. This data may also include applicable sites represented as polygons sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS), and is limited to those sites where the NPL Status reflects the site is 'Not on the NPL (N)' , 'Removed from Proposed (R)', and/or 'Pre-Proposal Site (S)'. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Aug 27, 2025

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Nov 30, 2025

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Nov 30, 2025

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste. This list also includes RCRAInfo sites that have notified as LQGs that do not have a registered Site Manager or Certifier in RCRAInfo.

Government Publication Date: Nov 30, 2025

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month. This list also includes RCRAInfo sites that have notified as SQGs that do not have a registered Site Manager or Certifier in RCRAInfo.

Government Publication Date: Nov 30, 2025

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Nov 30, 2025

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Nov 30, 2025

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Nov 30, 2025

Federal Engineering Controls-ECs: FED ENG

List of Engineering controls (ECs) made availabe by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Jan 30, 2026

Federal Institutional Controls- ICs: FED INST

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Jan 30, 2026

Land Use Controls Information System: LUCIS

The Land Use Controls Information System (LUCIS) database is sourced from the U.S. Department of the Navy (DON). This data contains information for former Base Realignment and Closure (BRAC) properties across the United States. DON's BRAC office was tasked with tracking certain base closures while requiring the prevention of risks to human health and the environment of those properties with LUCs in place. Regarding currently available LUC Sites data, the sites listing is limited to centroid point locations for the overall installation property boundaries. Formerly obtained LUC Sites data may reflect site details that applied previously for a BRAC property.

Government Publication Date: Jun 13, 2024

Institutional Control Boundaries at NPL sites: NPL IC

These boundaries of Institutional Control areas at sites on the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), or as Proposed or Deleted, are sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). The EPA's NPL includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes.

Government Publication Date: Jan 18, 2026

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 30, 2025

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 8, 2025

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. The list includes FRP facilities sourced from the EPA FOIA office and from previously available Homeland Infrastructure Foundation-Level Data (HIFLD) file/s. Disclaimer: Per the EPA FOIA Office, the verification process for current requested FRP data is undergoing review and revision, and any similar reporting will be made public in Fiscal Year 2026. For this reason, the latest available FOIA file may be incomplete.

Government Publication Date: Jun 1, 2025

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Jun 1, 2025

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

This list of petroleum refineries is sourced from the U.S. Energy Information Administration (EIA), Refinery Capacity Report. The listing includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year. The geographic area the report covers is the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and other U.S. possessions. Per the EIA, the facility location data represents the approximate location based on research of publicly available information from sources such as Federal agencies, company websites, and satellite images on public websites.

Government Publication Date: Oct 31, 2024

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from Oak Ridge National Laboratory hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Jun 5, 2025

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Aug 27, 2025

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Jan 30, 2026

State

Methane Gas Study Sites: LANDFILL METHANE

This Investigation of Methane Gas Hazards report was prepared by the Denver Office of Emergency Preparedness in 1981. The purpose of this study was to assess the actual and potential generation, migration, explosive and related problems associated with specified landfills, and to identify existing and potential problems, suggested strategies to prevent, abate, and control such problems and recommend investigative and monitoring functions as may be deemed necessary. The Colorado Department of Health selected eight landfills as priorities due to population density and potential hazards to population and property.

Government Publication Date: Jan 2, 1981

Environmental Covenants and Use Restrictions: COVENANTS

Boundaries of environmental covenant/environmental use restriction sites made available by the Colorado Deparment of Public Health & Environment (CDPHE). CPDHE has the authority to approve requests to restrict the future use of a property using an enforceable agreement called an environmental covenant. Land use restrictions may be used to ensure the cleanup remedy adequately protects human health and the environment when a contaminated site isn't cleaned up completely.

Government Publication Date: Jan 2, 2025

Superfund National Priorities List and Natural Resource Damages sites: SUPERFUND NRD

Boundaries of Superfund National Priorities List sites and Natural Resource Damages sites in Colorado made available by the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Nov 12, 2025

Superfund Sites: SHWS

A list of Superfund sites in Colorado made available by the Colorado Department of Public Health and Environment (CDPHE). In Colorado, the cleanup of superfund sites is overseen by the CDPHE or the Environmental Protection Agency (EPA). This list includes active CDPHE-led sites, active EPA-led sites, CDPHE-led removal actions, deleted sites, proposed sites, Natural Resource Damages Program sites, and completed Natural Resource restorations.

Government Publication Date: Dec 8, 2025

Delisted Superfund Sites: DELISTED SHWS

Sites which once appeared on - but have since been removed from - the list of Superfund sites in Colorado made available by the Colorado Department of Public Health and Environment (CDPHE). In Colorado, the cleanup of Superfund sites is overseen by the CDPHE or the Environmental Protection Agency (EPA).

Government Publication Date: Dec 8, 2025

Solid Waste Facilities and Landfills: SWF/LF

The Colorado Department of Public Health and Environment (CDPHE) regulates the management and disposal of solid waste, landfill facilities, waste tire registrants, and waste tire haulers. Solid waste and landfills data is provided by the CDPHE's Hazardous Materials and Waste Management Division's Solid Waste Report and the Environmental Sites Search Map Application. Waste tire data is made available by the CDPHE.

Government Publication Date: May 2, 2025

Historical Solid Waste (Closed or Abandoned Landfills): HIST LF

In the early 1980s the Hazardous Materials Waste Management Division of the Colorado Department of Public Health and Environment (CDPHE) conducted a survey of staff members and local agencies. The information gathered was compiled in 1984 for sites that were known or thought to have waste issues. The information is not complete and generally not very definitive or verifiable. This data became the Solid Waste Historical Data. The data is not maintained and has not been since the late 1980s.

Government Publication Date: 1984

Tri-County Historic Landfills: HIST LANDFILLS

The Tri-County Health Department (TCHD) formally dissolved in December of 2022, leaving Adams, Arapahoe and Douglas counties to operate their own public health departments starting in 2023. This list of historical TCHD landfills for Adams, Arapahoe and Douglas counties is currently made available by the Arapahoe County Environmental Health Department. Former versions of this historical database were provided directly from TCHD.

Government Publication Date: Jan 19, 2023

Registered Recycling Facilities: RECYCLING

This list of registered recycling facilities in Colorado is maintained by the Colorado Department of Public Health & Environment (CDPHE). This list includes primarily processing facilities for recyclable materials, such as material recovery facilities, industrial recycling operations, and recyclable material end user sites. Collection centers/drop-off locations are not included unless the site is also processing recyclable materials (separating, sorting, dismantling, grinding, baling, etc.).

Government Publication Date: Oct 15, 2025

Leaking Storage Tanks: LST

This list of leaking storage tank (LST) locations is made available by the Colorado Department of Labor & Employment (CDLE), Division of Oil & Public Safety (OPS). The OPS manages the Colorado Storage Tank Information System (COSTIS) database which stores information on tank facilities. The list also includes LSTs which have applied for reimbursement from the Petroleum Storage Tank Fund. LST data is compiled from applicable FOIA files, COSTIS files, and OPS datasets from the Colorado Information Marketplace. Classified military tanks are excluded from this data.

Government Publication Date: Sep 2, 2025

LUST Trust Sites: LUST TRUST

The Division of Oil and Public Safety (OPS) of the Colorado Department of Labor and Employment (CDLE) manages a Petroleum Storage Tank Fund (The Fund) that receives and processes applications for reimbursement of costs related to assessment and cleanup of petroleum contaminated sites. Classified military tanks are excluded from this data.

Government Publication Date: Jul 31, 2025

Delisted Leaking Storage Tanks: DELISTED LST

This database contains a list of leaking storage tank sites and their Funds for reimbursement of costs related to assessment and cleanup that were removed from the Colorado Department of Labor and Employment (CDLE) database.

Government Publication Date: Sep 3, 2025

Underground Storage Tanks: UST

This list of underground storage tank (UST) facilities is made available by the Colorado Department of Labor & Employment (CDLE), Division of Oil & Public Safety (OPS). The OPS manages the Colorado Storage Tank Information System (COSTIS) database which stores information on tank facilities. UST data is compiled from applicable FOIA files, COSTIS files, and OPS datasets from the Colorado Information Marketplace. Classified military tanks are excluded from this data.

Government Publication Date: Sep 2, 2025

Aboveground Storage Tanks: AST

This list of aboveground storage tank (AST) facilities is made available by the Colorado Department of Labor & Employment (CDLE), Division of Oil & Public Safety (OPS). The OPS manages the Colorado Storage Tank Information System (COSTIS) database which stores information on tank facilities. AST data is compiled from applicable FOIA files, COSTIS files, and OPS datasets from the Colorado Information Marketplace. Classified military tanks are excluded from this data.

Government Publication Date: Sep 2, 2025

Storage Tank Information System (COSTIS): TANKS

This storage tank listing is provided by the Colorado Department of Labor & Employment (CDLE), Division of Oil & Public Safety (OPS). The OPS manages the Colorado Storage Tank Information System (COSTIS) database which stores information on these facilities. This tank data includes facilities with liquefied petroleum gas, liquefied natural gas, and compressed natural gas tanks which are not classified as either underground storage tanks or aboveground storage tanks. Data is compiled from applicable FOIA files, COSTIS files, and OPS datasets from the Colorado Information Marketplace. Classified military tanks are excluded from this data.

Government Publication Date: Sep 2, 2025

Delisted Storage Tanks: DTNK

This database contains a list of closed storage tank sites that were removed from the Division of Oil and Public Safety of the Colorado Department of Labor and Employment (CDLE) Tank Information System.

Government Publication Date: Sep 3, 2025

Environmental Covenants and Environmental Use Restrictions List: AUL

The Colorado Department of Public Health and Environment (CDPHE) maintains a list of sites that have environmental covenants and use restrictions in place. Land use restrictions may be used to ensure the cleanup remedy adequately protects human health and the environment when a contaminated site is not cleaned up completely.

Government Publication Date: Apr 23, 2025

Voluntary Cleanup and Redevelopment Program Sites: VCP

The Voluntary Cleanup and Redevelopment Program (VCUP) of the Colorado Department of Public Health and Environment (CDPHE) was created in 1994 with the objective to facilitate the redevelopment and transfer of contaminated properties. This VCUP site listing includes applicable active and inactive sites from the CDPHE Voluntary Cleanup Open Records data file and map layer.

Government Publication Date: Dec 9, 2025

Brownfield Sites: BROWNFIELDS

A list of Brownfields Program sites from the Hazardous Materials and Waste Management Division and the Colorado Environmental Records Search Interactive Map made available by the Colorado Department of Public Health and Environment (CDPHE). Sites which go untouched because of their real or perceived contamination can be rehabilitated using the CDPHE Brownfields Program.

Government Publication Date: Oct 1, 2025

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 8, which includes Colorado, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 21, 2025

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 8, which includes Colorado, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 21, 2025

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 21, 2025

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 21, 2025

County

No County databases were selected to be included in the search.

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data: PFAS GHG

The U.S. Environmental Protection Agency's (EPA) Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO2e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. This dataset is sourced from the EPA's PFAS Analytic Tools, and it includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified as PFAS based on EPA's CompTox Chemicals Dashboard lists of PFAS with defined and undefined structures. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time. Note that some regulatory programs have specified chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard.

Government Publication Date: Dec 2, 2025

On-Scene Coordinator Response Sites: OSC RESPONSE

This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

Government Publication Date: Oct 8, 2025

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Jan 1, 2026

Toxics Release Inventory (TRI) Program: TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Dec 29, 2025

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

This list of federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS) is made available by the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools data. The EPA outlines that these data are gathered from several federal entities, such as the federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration (NASA), Department of Transportation (DOT), and Department of Energy (DOE). The dates this data was extracted for the PFAS Analytic Tools range from 2022 to 2025 per agency entity dataset. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: May 30, 2025

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the PFAS Project Lab, part of the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map by the PFAS-REACH team, credited to PFAS Project Lab, Silent Spring Institute, and PFAS Exchange. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: https://pfasproject.com/pfas-sites-and-community-resources/

Government Publication Date: Aug 1, 2025

National Response Center PFAS Spills: PFAS ERNS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam, "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Dec 1, 2025

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Dec 16, 2024

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFAS Water Quality Portal Sampling Data: PFAS WATER

This Per- and Poly-Fluoroalkyl Substances (PFAS) Environmental Media Sampling Data is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The Water Quality Portal (WQP), as a cooperative service sponsored by the United States Geological Survey, the EPA, and the National Water Quality Monitoring Council, is part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations, and individuals submit project details and sampling results to this public repository. Limitations: EPA did not carry out the sampling or testing of a majority of the data in the WQP PFAS dataset. EPA can only speak to the accuracy and completeness of the data from projects like the National Aquatic Resource Surveys for which EPA is the data owner/organization. Data may exist within the file on Quality Assurance Project Plans (QAPPs) and the approving agency of the QAPP, if a QAPP is entered.

Government Publication Date: Jul 21, 2025

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest: PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Nov 29, 2025

PFAS Industry Sectors: PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Dec 1, 2025

Hazardous Materials Information Reporting System: HMIRS

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: May 28, 2025

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Nov 30, 2023

Toxic Substances Control Act: TSCA

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

Government Publication Date: May 12, 2022

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Dec 26, 2025

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Oct 18, 2025

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. This EPA source file tracks facilities that possess NAICS and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Oct 18, 2025

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites which once appeared on - and have since been removed from - the list of drycleaner facilities included in Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. This EPA source file tracks facilities that possess NAICS and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Oct 18, 2025

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: Jul 10, 2025

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 8, 2025

Surface Mining Control and Reclamation Act Sites: SMCRA

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: Oct 30, 2025

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). The intent of the site location is to provide a general reference point to the site on a national scale. The coordinates of each site point can be the location of a site monument, the centroid of the site boundary, or a general location of the site. This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Nov 6, 2025

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 1, 2025

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Dec 30, 2025

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Sep 26, 2025

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Aug 12, 2025

Power Plants: POWER PLANTS

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.

Government Publication Date: Jun 5, 2025

Historical Business Activity Risk: HIST RISK

Proprietary list of sites identified as potentially having engaged in business activity that poses a higher-than-normal risk of contamination. Records originate from historical city directories, and are included in this list based on broad business categories Potentially Hazardous Chemical Users and Fuel and Automotive, including but not limited to Dry Cleaners and Fuel Stations, Garages, etc. Inclusion in this listing does not indicate that there is or ever has been contamination; rather, sites are included in this list due to their potential for having engaged in a business activity presenting an elevated risk of contamination. The list was compiled from various city directories including Polks, Millers, Mullin Kille, Interstate Directory, and State Directory Co; spanning roughly 1920s through 1960 depending on information available by city.

Government Publication Date: Jan 1, 1960

NPDES Biosolids Program Permit Holders: NPDES BIOSOLIDS

This Water National Pollutant Discharge Elimination System (NPDES) Biosolids Permits list is sourced from the U.S. Environmental Protection Agency's (EPA) Enforcement and Compliance History Online data. EPA's Integrated Compliance Information System (ICIS) for NPDES includes facility and compliance information for NPDES permits in the ECHO Biosolids facility universe. Per the EPA, when sewage from households and businesses (and sometimes wastewater from industrial dischargers) is sent to a wastewater treatment plant, the liquids are separated from the solids, producing a semi-solid, nutrient-rich product known as "sewage sludge" or "biosolids". The EPA typically uses the term "biosolids" to mean sewage sludge that has been treated to meet the agency's regulatory requirements and is intended to be land applied as a soil conditioner or fertilizer.

Government Publication Date: Feb 7, 2026

State

Spills: SPILLS

A list of hazardous material spills and releases (including Meth Labs) that were reported to the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Apr 8, 2022

Oil and Gas Spills: OG SPILLS

This list of spills is made available by the Colorado Energy and Carbon Management Commission (ECMC) Department of Natural Resources, formerly known as the Colorado Oil and Gas Conservation Commission (COGCC). Per the ECMC, this data has been subject to a series of rigorous quality assurance procedures. However, the ECMC is not able to guarantee the accuracy, completeness or quality of all data and information provided herein. The information may require further research, and associated information may need to be investigated. This data includes spills since April 2014, due to the COGCC changing the spill reporting form, Form 19, significantly thereby changing the process at that time.

Government Publication Date: Sep 4, 2025

Dry Cleaning Facilities: DRYCLEANERS

A list of open and closed dry cleaners provided by the Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Compliance Assurance Unit and Stationary Sources Program.

Government Publication Date: Aug 21, 2025

Delisted Dry Cleaning Facilities: DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Department of Public Health & Environment.

Government Publication Date: Aug 21, 2025

Air Pollution Control Division Permitted Facilities: AIR PERMITS

This list of Air Pollution Control Division Permitted Facilities is maintained by the Colorado Department of Public Health and Environment. The Stationary Sources Program evaluates and develops air permits for stationary sources in Colorado. The program inspects sources to determine compliance with air regulations and permit conditions and maintains an inventory of air pollution emissions throughout the state.

Government Publication Date: Feb 13, 2023

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of facilities that reported storing or using AFFF or Class B firefighting foam, other PFAS chemicals, have reported PFAS passthrough, or have detectable limits of PFAS in their discharge.

Government Publication Date: Dec 8, 2020

Asbestos Abatement and Demolition Projects: ASBESTOS

A list of Asbestos Abatement and Demolition Projects made available by the Colorado Department of Public Health and Environment (CDPHE), Air Pollution Control Division.

Government Publication Date: Dec 28, 2017

Hazardous Waste Sites- Generator: HAZ GEN

A list of hazardous waste generators.This list is made available by the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Jun 30, 2003

Permitted Facilities Listing: PDES

A list of permitted facilities tracked by the Water Quality Control Division of the Colorado Department of Public Health & Environment (CDPHE). This list is the state version of the National Pollution Discharge Elimination System (NPDES).

Government Publication Date: Oct 2, 2025

Hazardous Waste Sites- Treatment, Storage & Disposal: HAZ TSD

A list of facilities that treat, store, dispose, or recycle hazardous waste on-site. This list is made available by the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Jun 30, 2003

Hazardous Waste Sites- Corrective Action: HAZ CORRACT

A list of hazardous waste generators with corrective actions. This list is made available by the Colorado Department of Public Health and Environment (CDPHE).

Government Publication Date: Jun 30, 2003

Uranium Mill Tailings Sites: UMTRA

This list of former uranium mill sites in Colorado, with cleanup authorized by the Uranium Mill Tailings Remedial Action (UMTRA) program, was provided by the Colorado Department of Public Health and Environment. Because much of the cleanup is complete, the focus has shifted to primarily "Post-UMTRA issues," or the discovery of new uranium mill tailings material by private citizens, utility companies or local governments.

Government Publication Date: Jan 5, 2023

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix E

Historical Records

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		26022400384p
Date Completed:		March 5, 2026
Project Number:		203732552, Task 4
Project Property:		Goldwing Goldwing Fort Morgan CO
Coordinates:		
	Latitude:	39.98282465
	Longitude:	-103.93084366
	UTM Northing:	4426398.24 Meters
	UTM Easting:	591286.66 Meters
	UTM Zone:	13S
	Elevation:	4,956.81 ft
	Slope Direction:	

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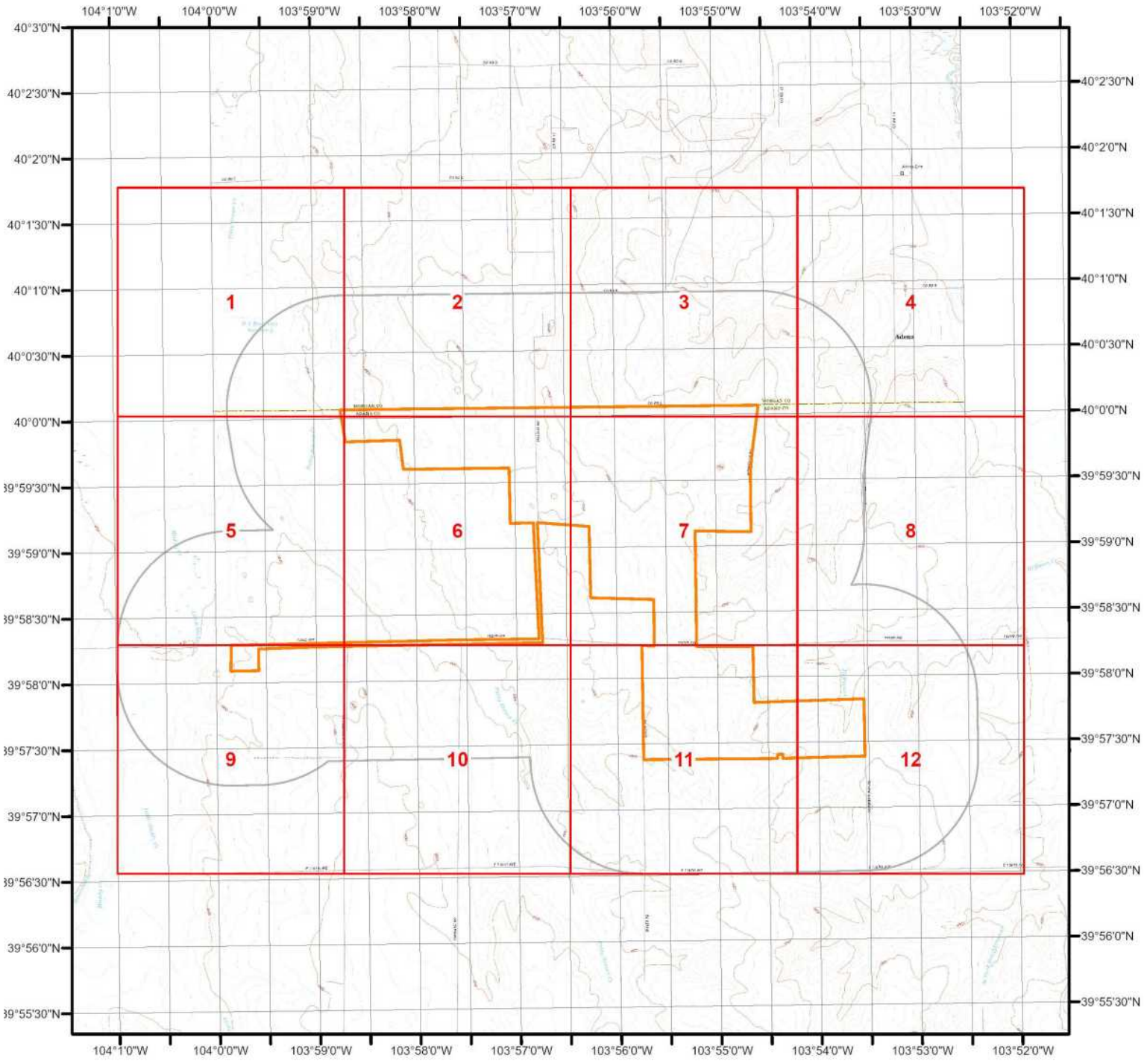
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2022)

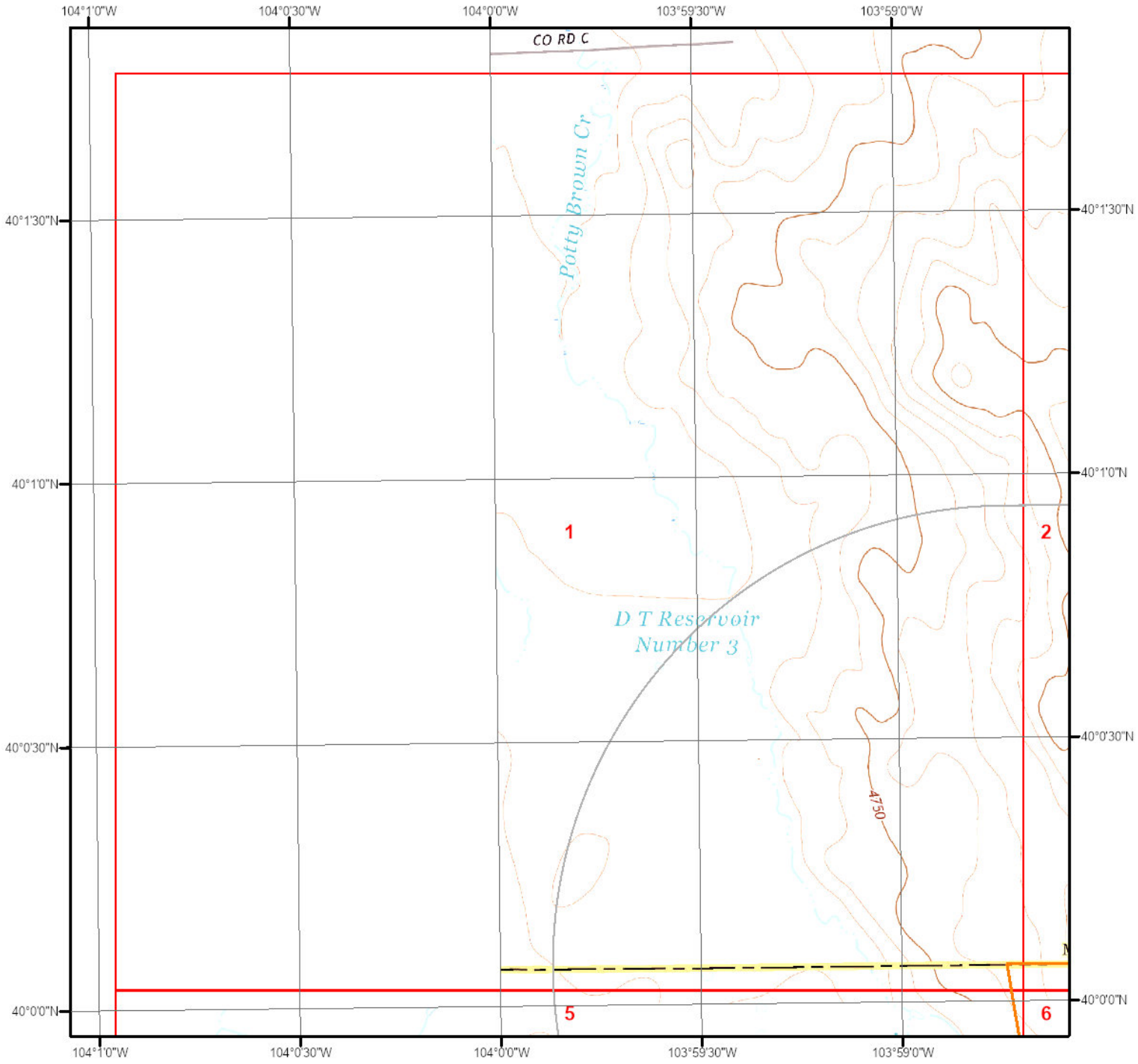
0 0.5 1 2 Miles

N

Quadrangle(s): Adena,CO; Leader,CO; Potty Brown Creek,CO; Shamrock,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 1

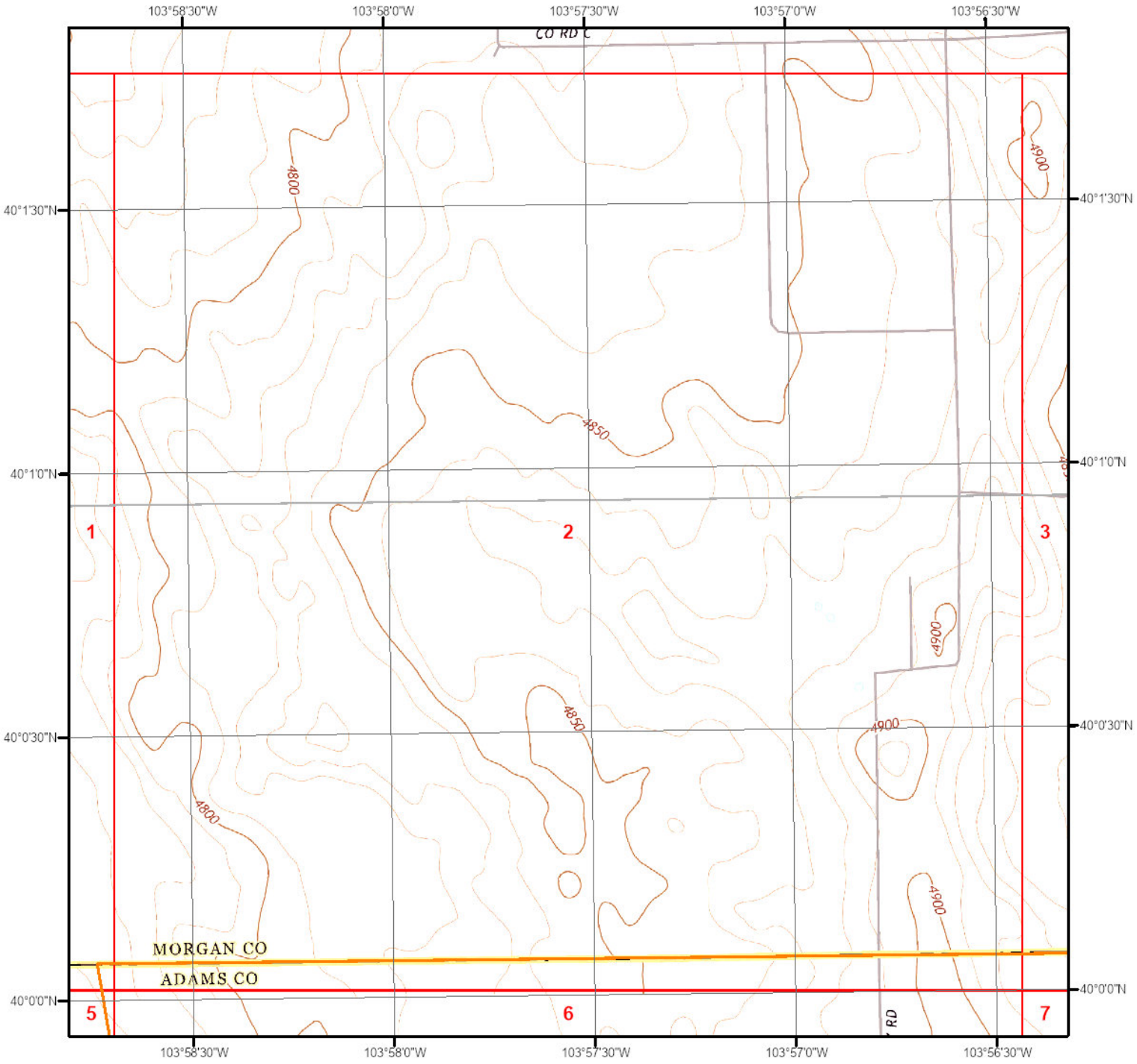
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N

Quadrangle(s): Adena,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 2

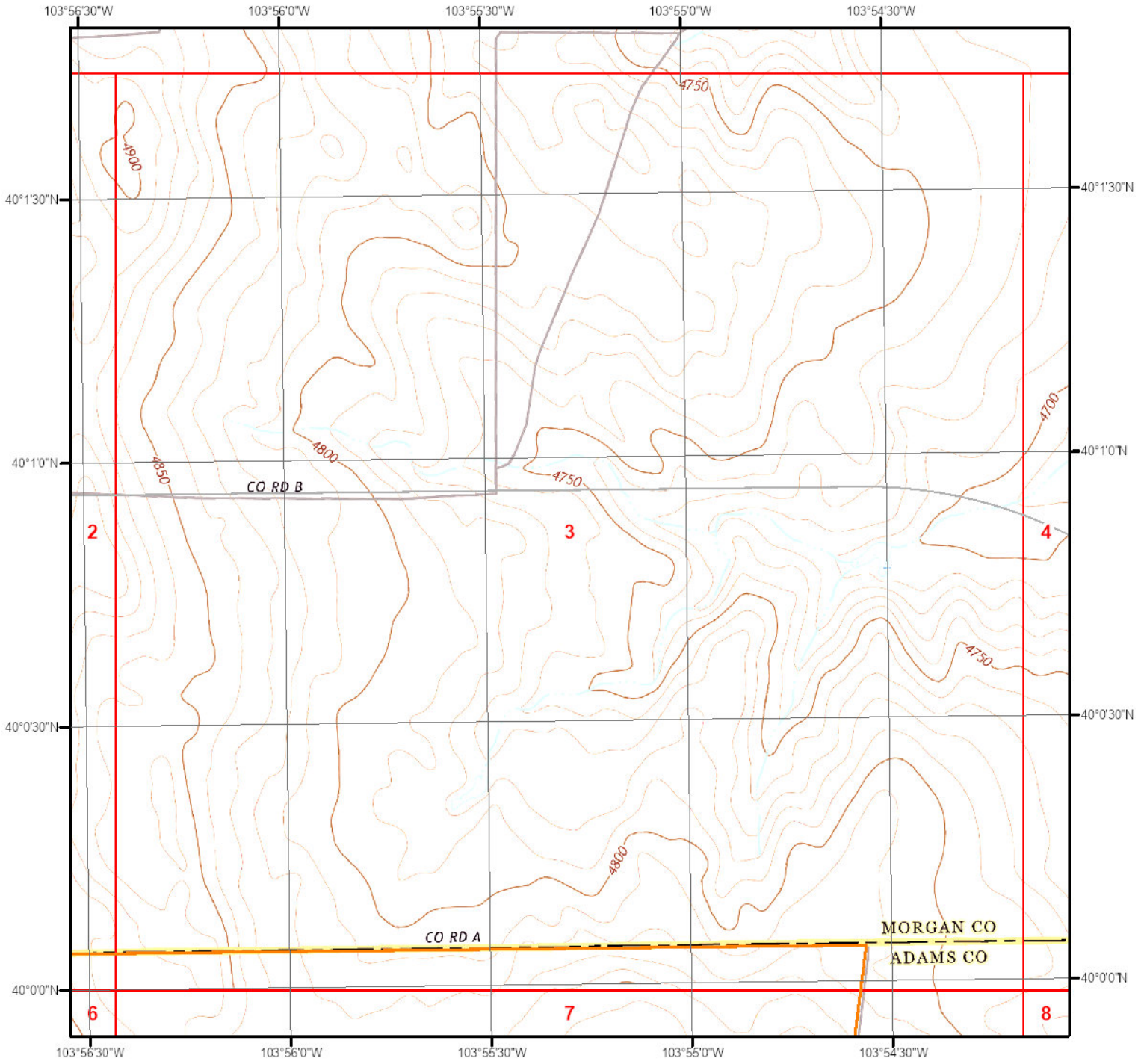
0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Adena,CO; Potty Brown Creek,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 3

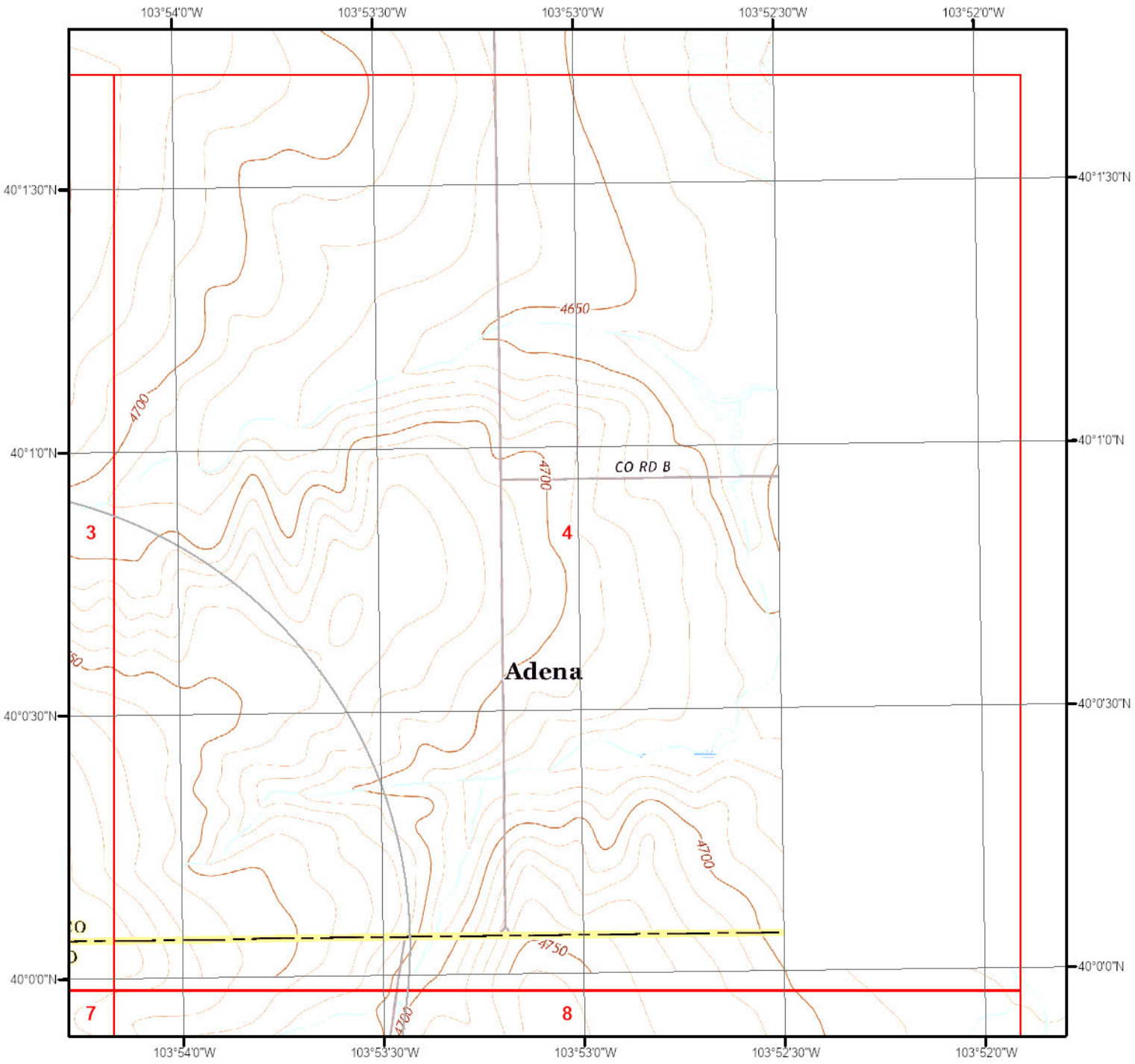
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N

Quadrangle(s): Adena,CO; Potty Brown Creek,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 4

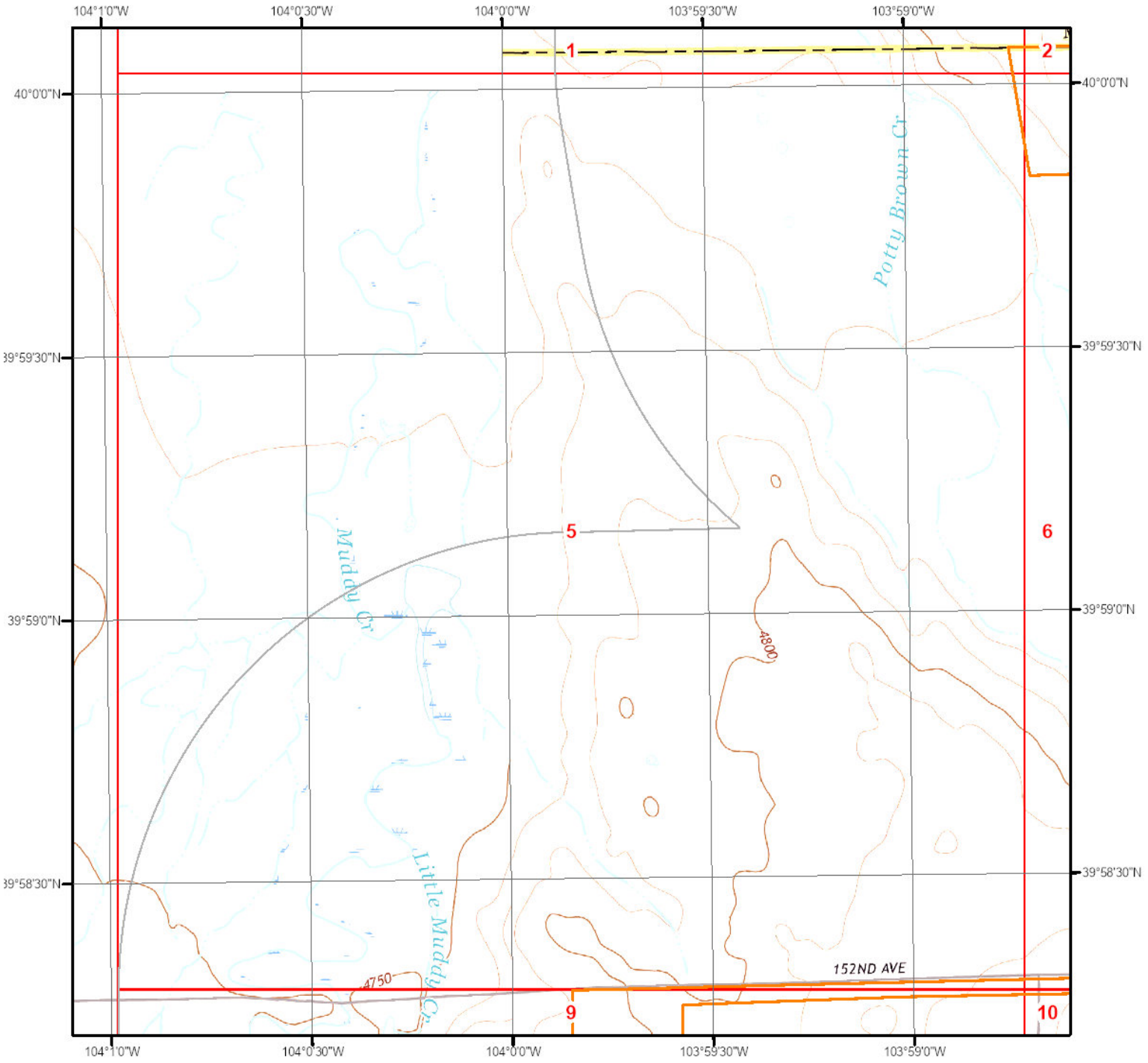
0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Adena,CO; Potty Brown Creek,CO; Shamrock,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 5

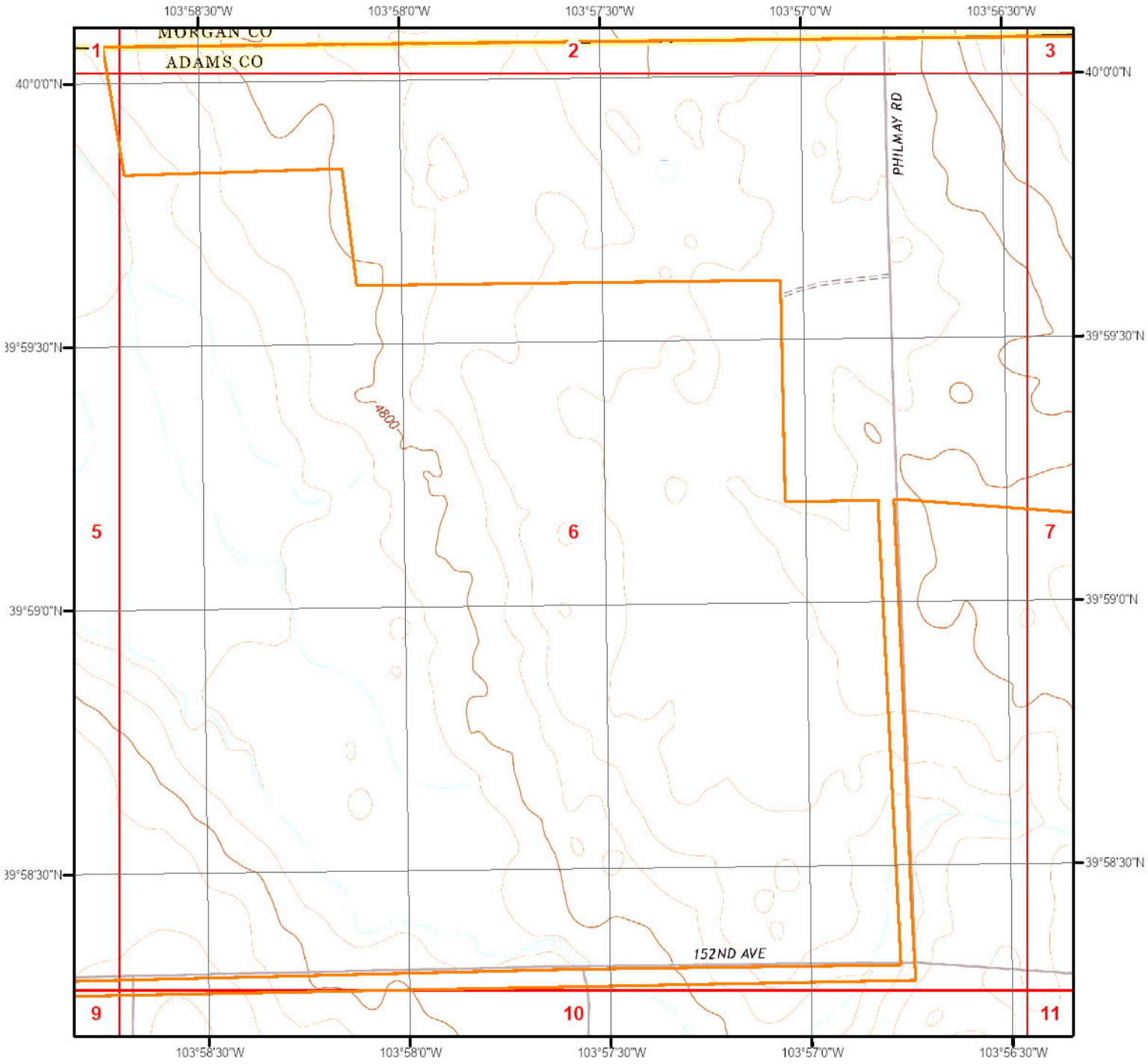
0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Adena,CO; Leader,CO; Potty Brown Creek,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 6

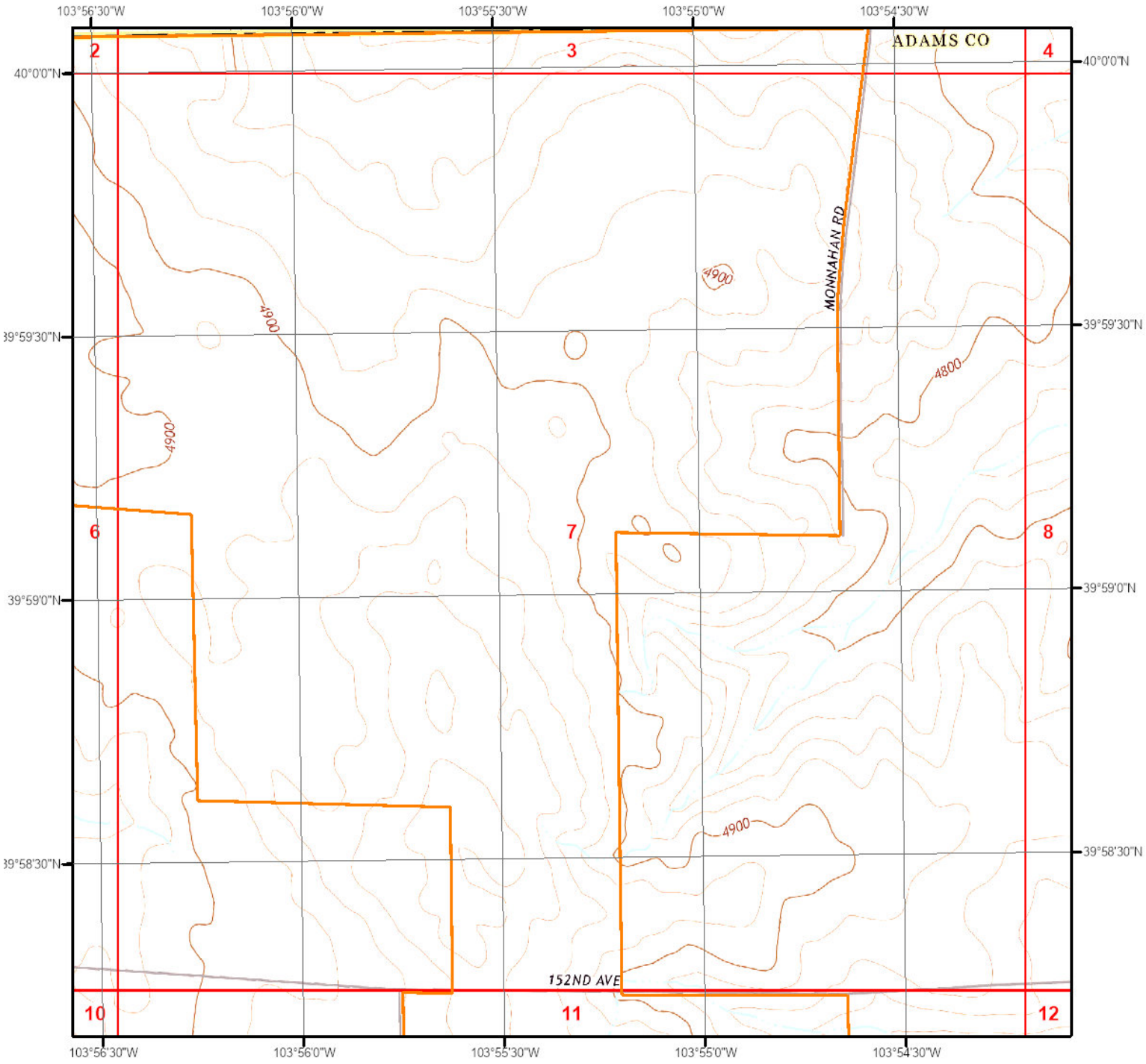
0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Adena,CO; Potty Brown Creek,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 7

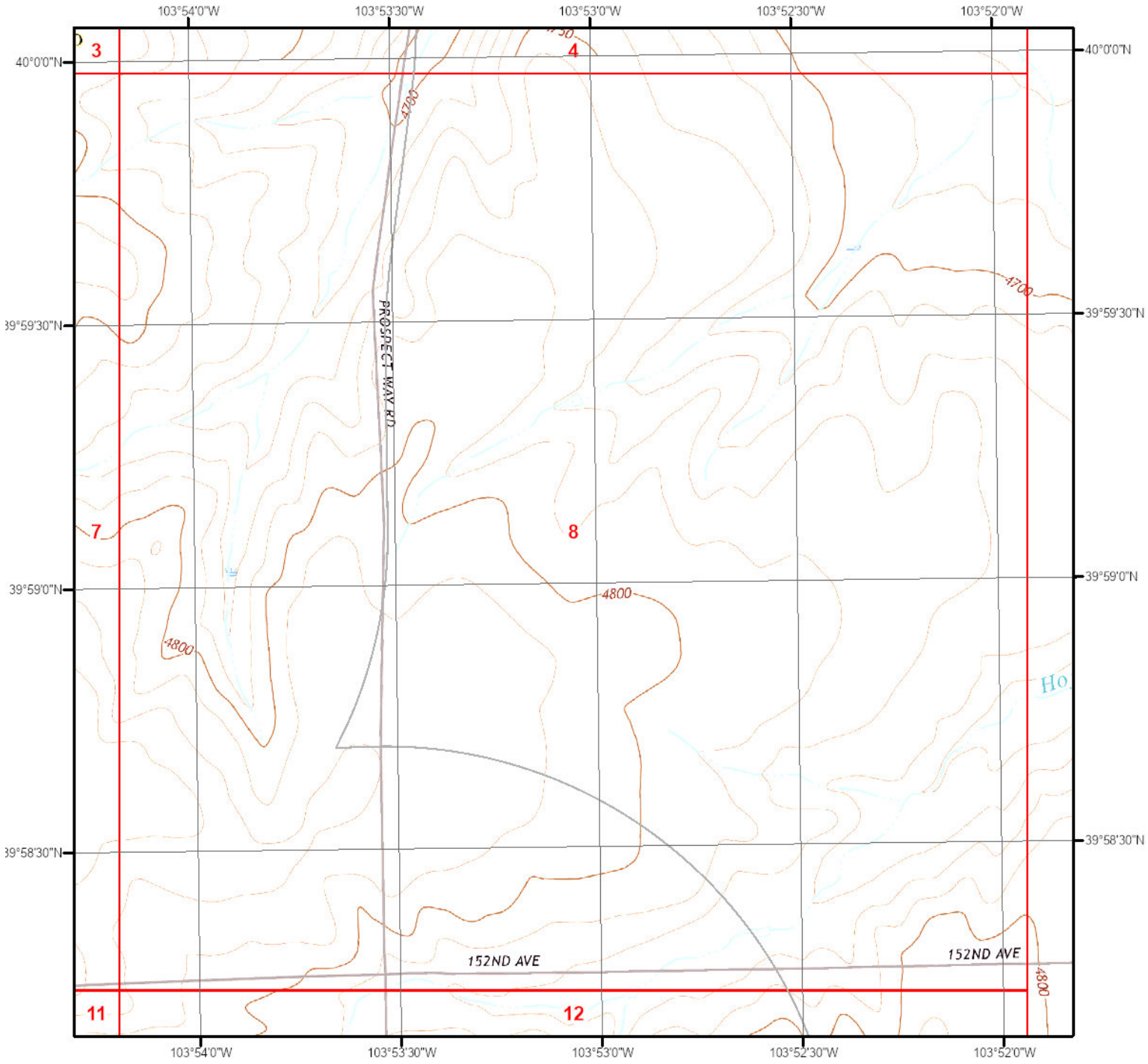
0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Potty Brown Creek,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 8

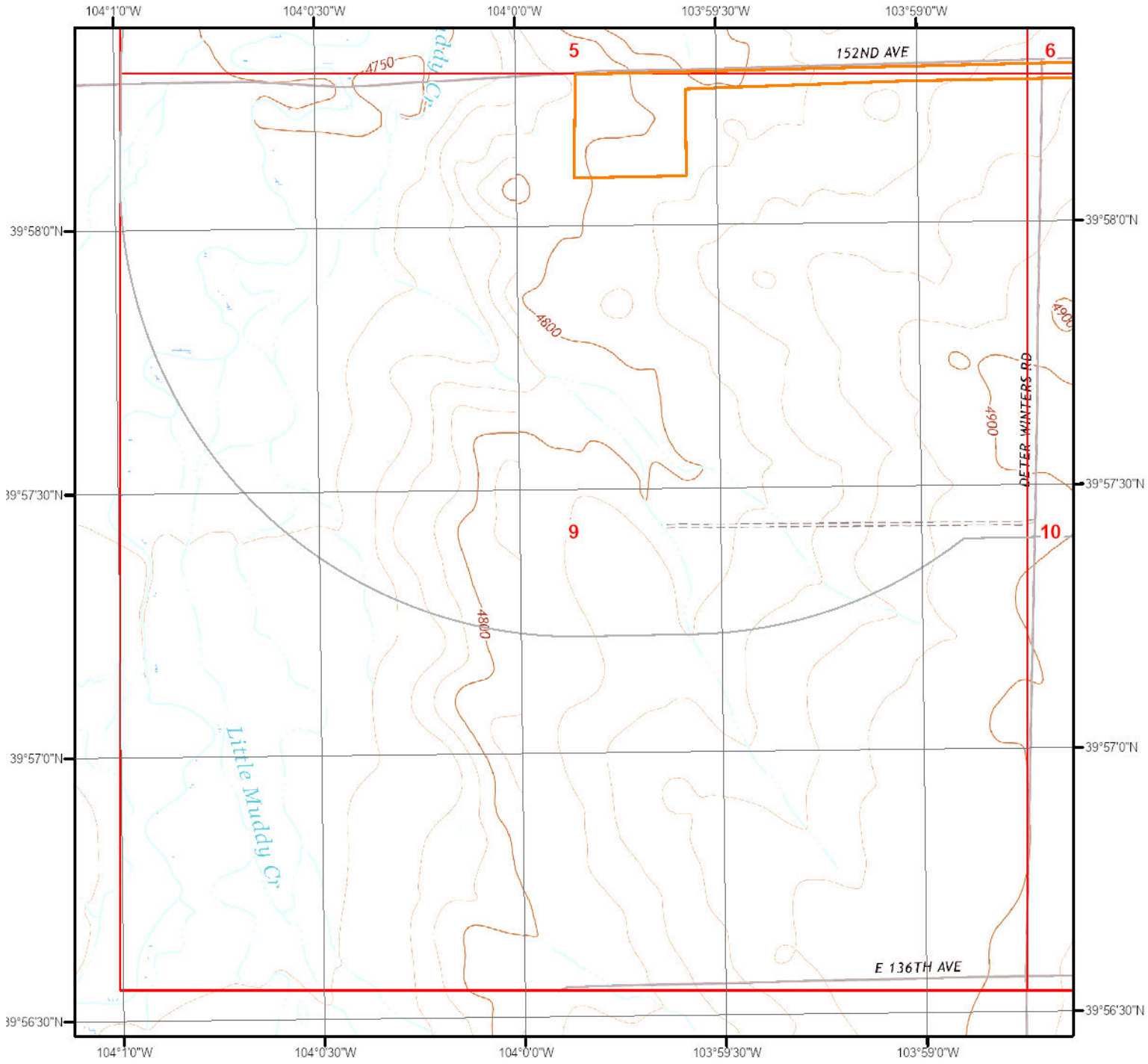
0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Potty Brown Creek,CO; Shamrock,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 9

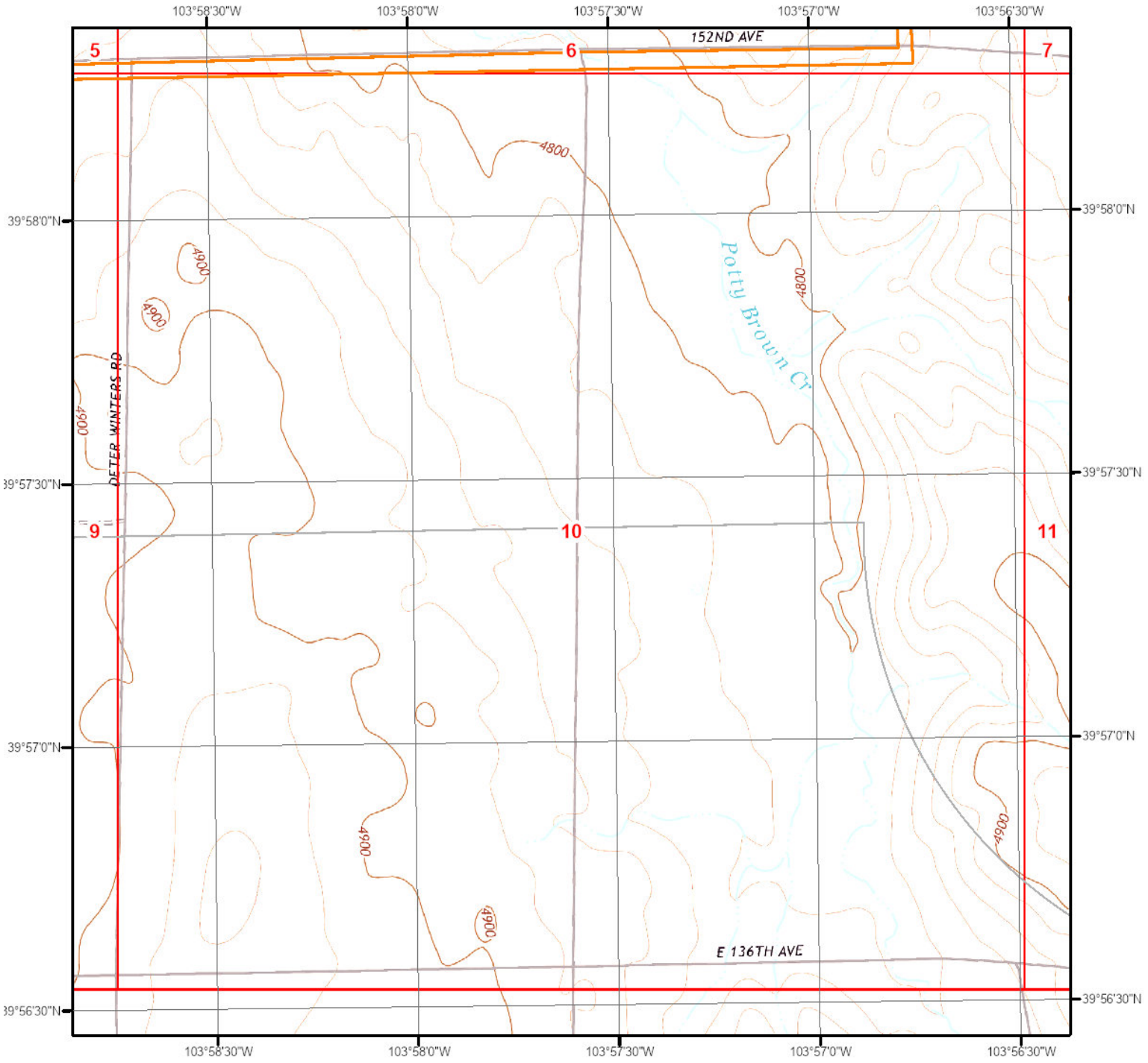
0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Leader,CO; Potty Brown Creek,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 10

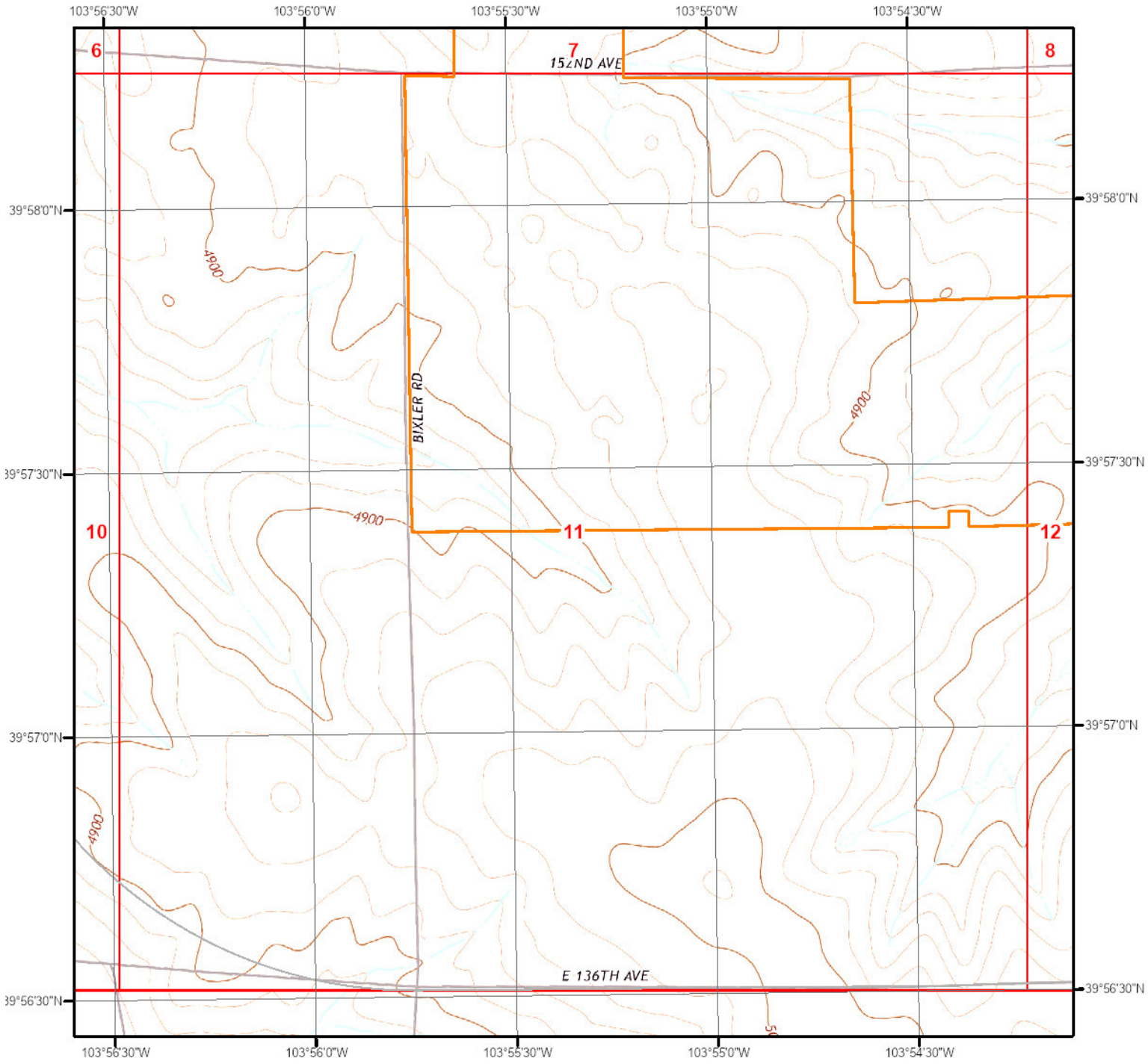
0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Potty Brown Creek,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 11

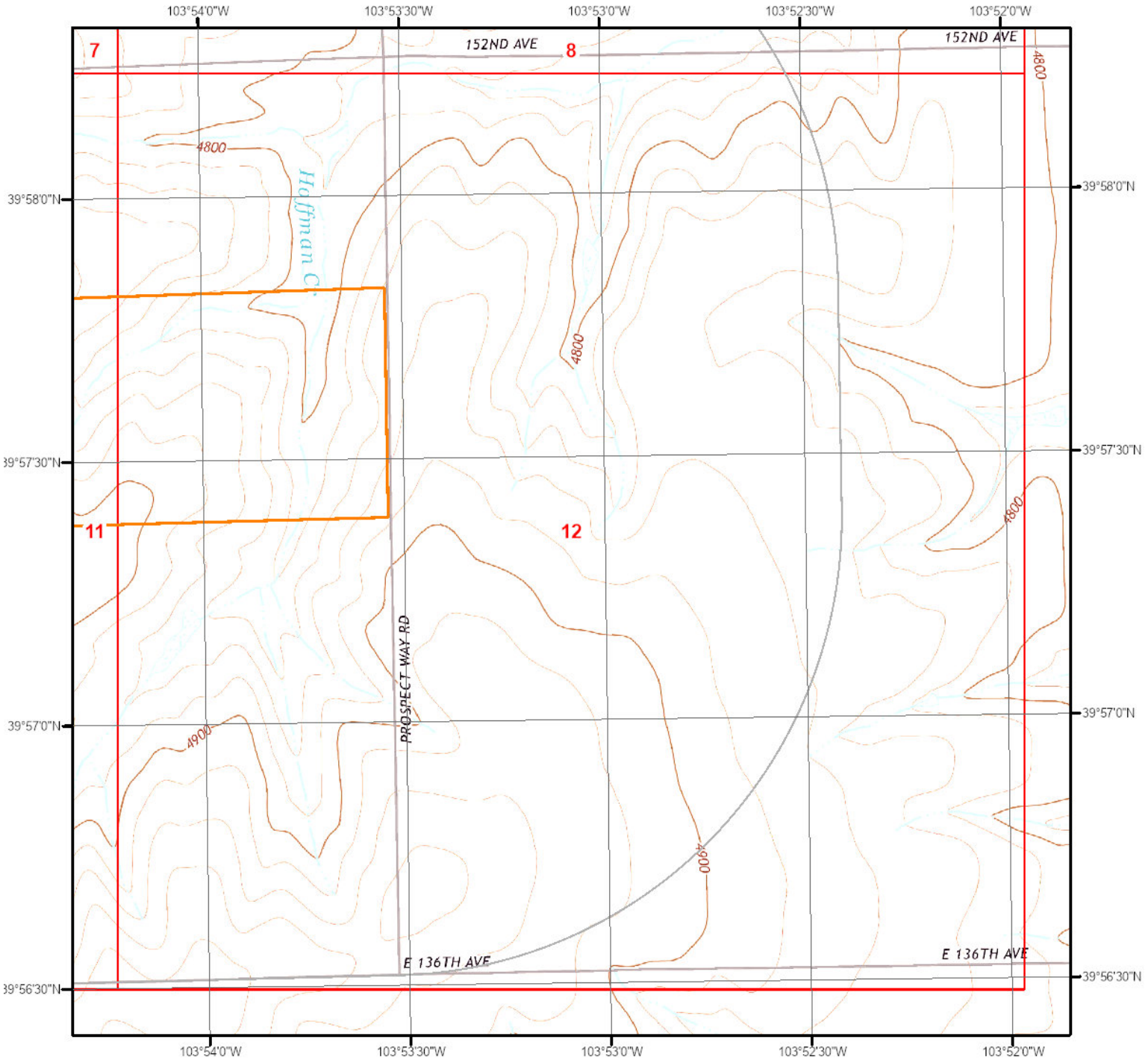
0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Potty Brown Creek,CO

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 12

0 0.15 0.3 0.6 Miles

N

Quadrangle(s): Potty Brown Creek,CO; Shamrock,CO

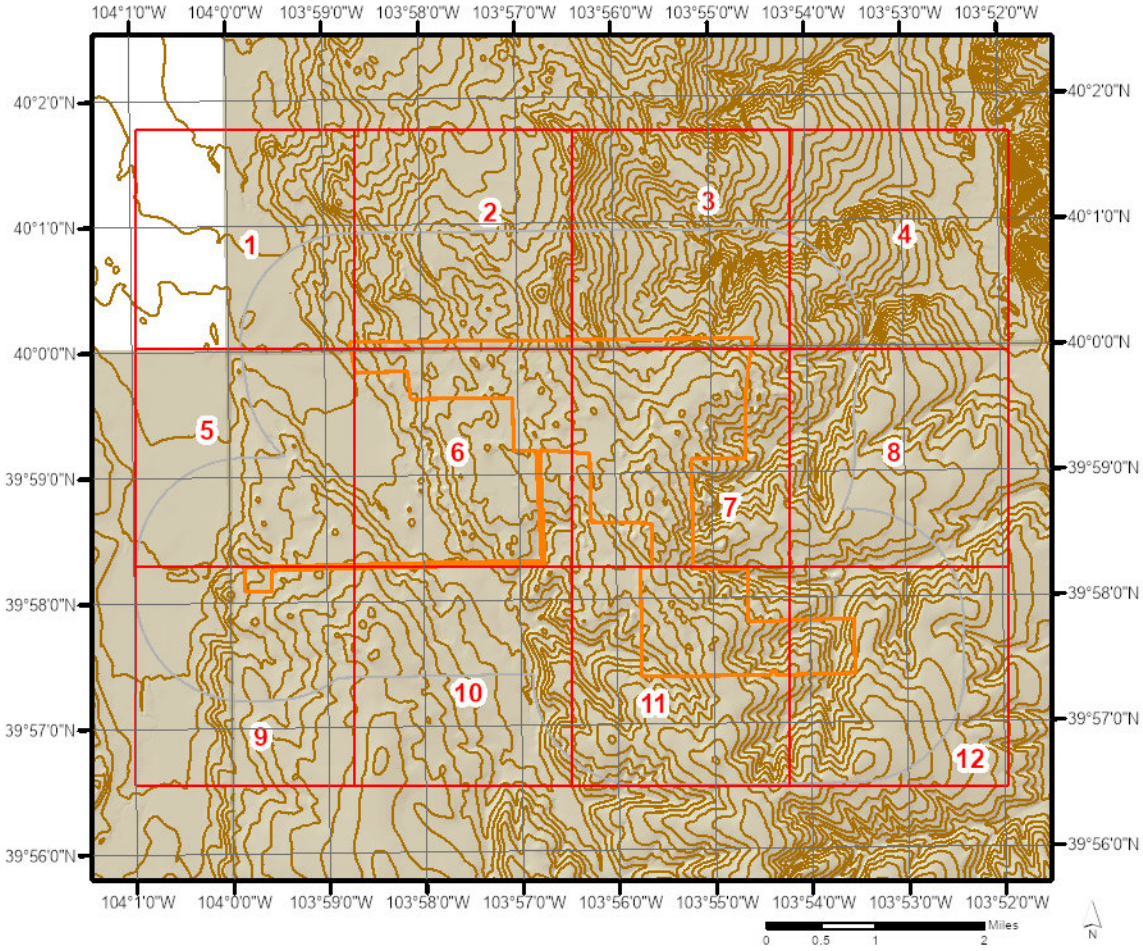
Source: USGS 7.5 Minute Topographic Map

Topographic Information

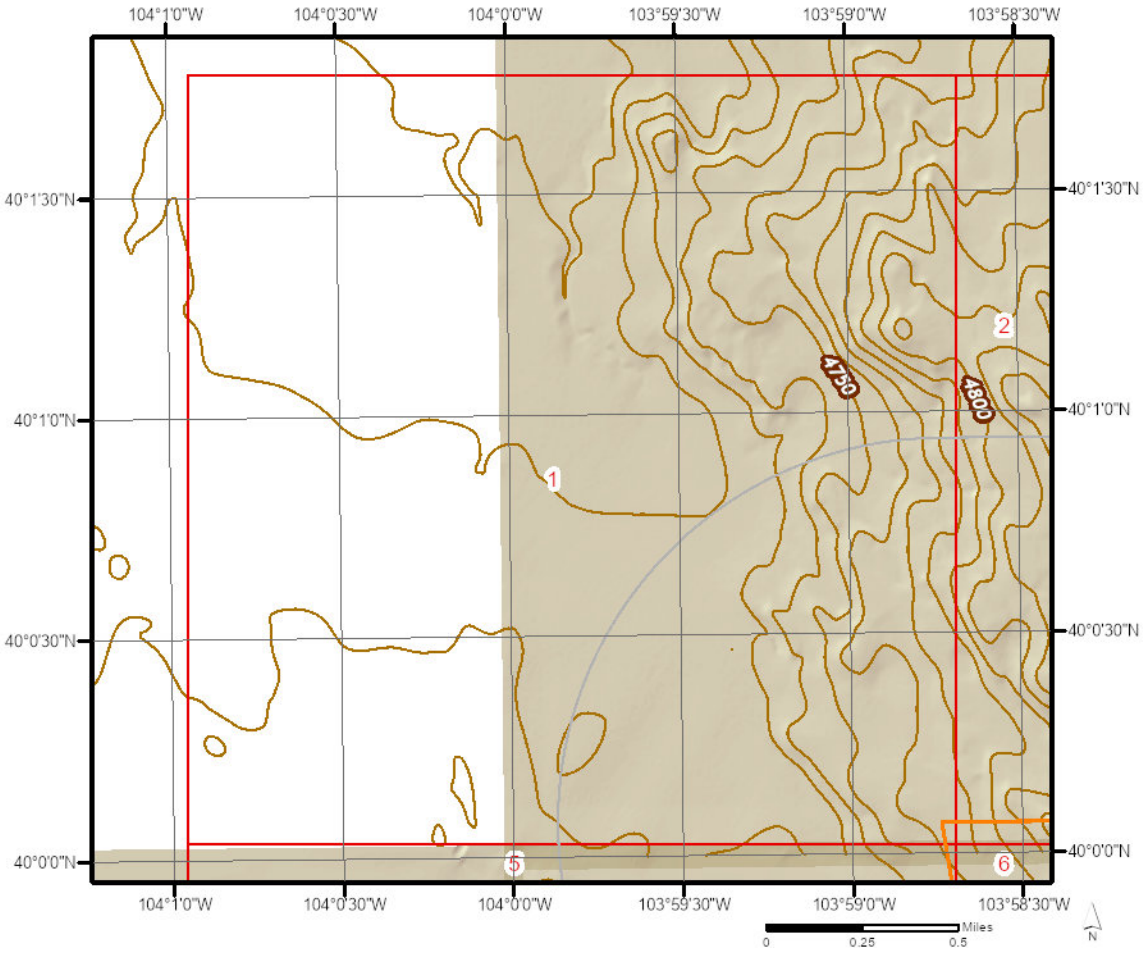
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

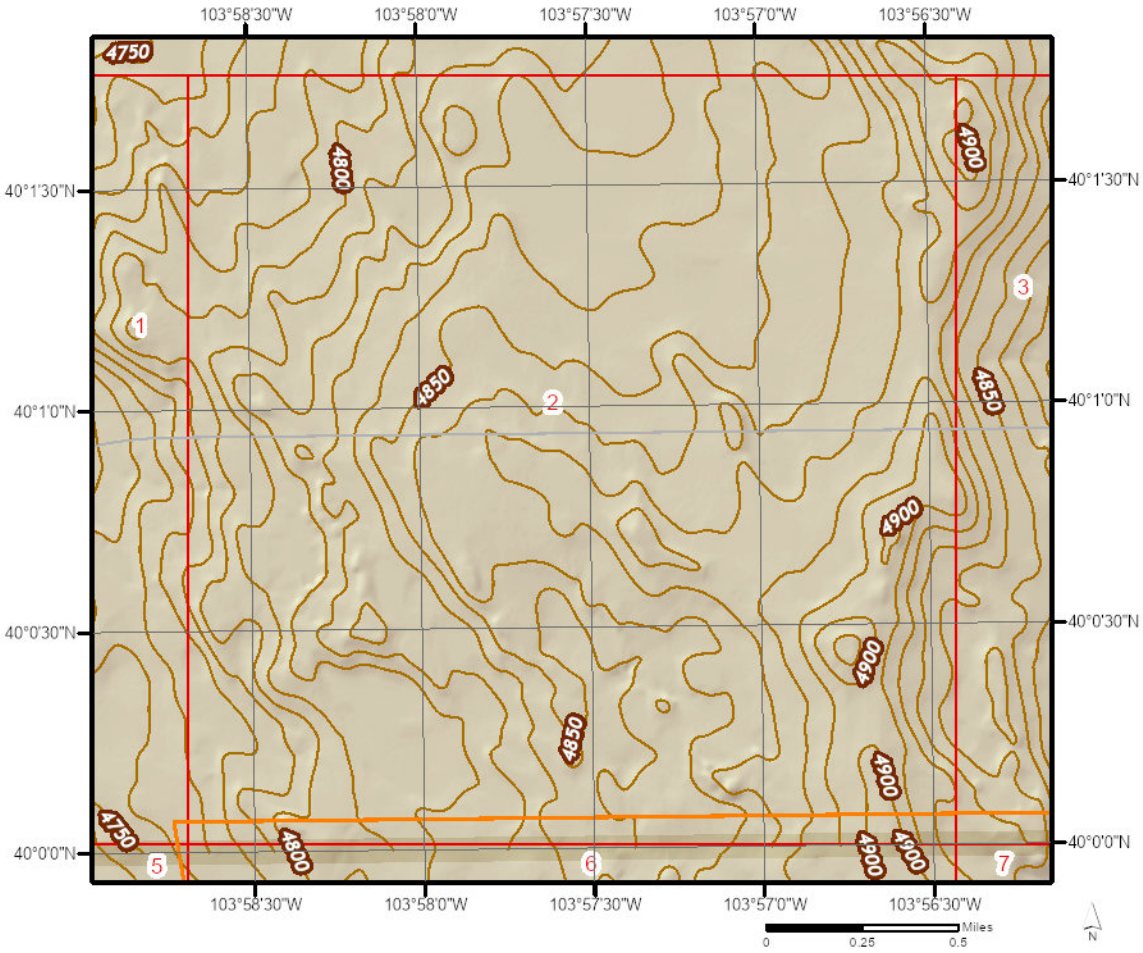
Elevation: 4,956.81 ft
Slope Direction:



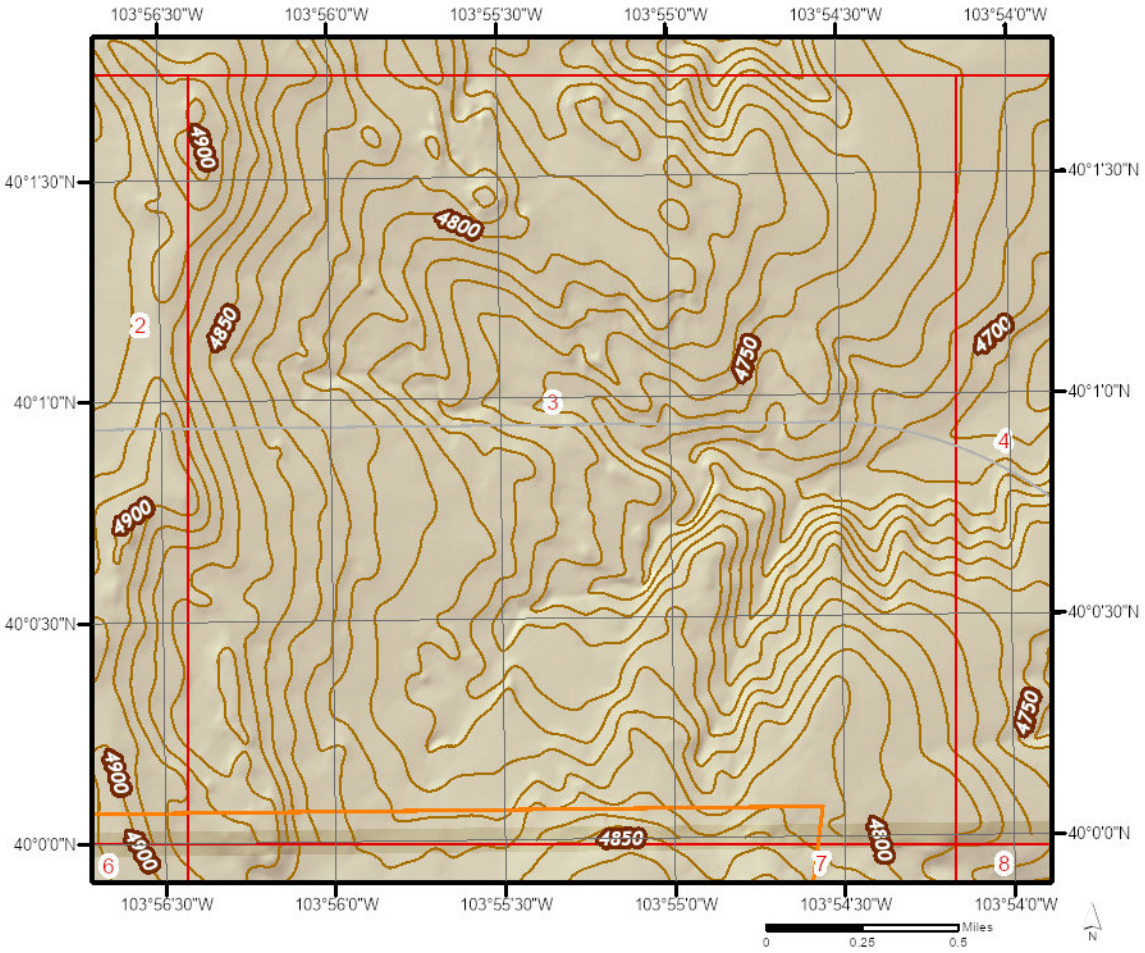
Topographic Information



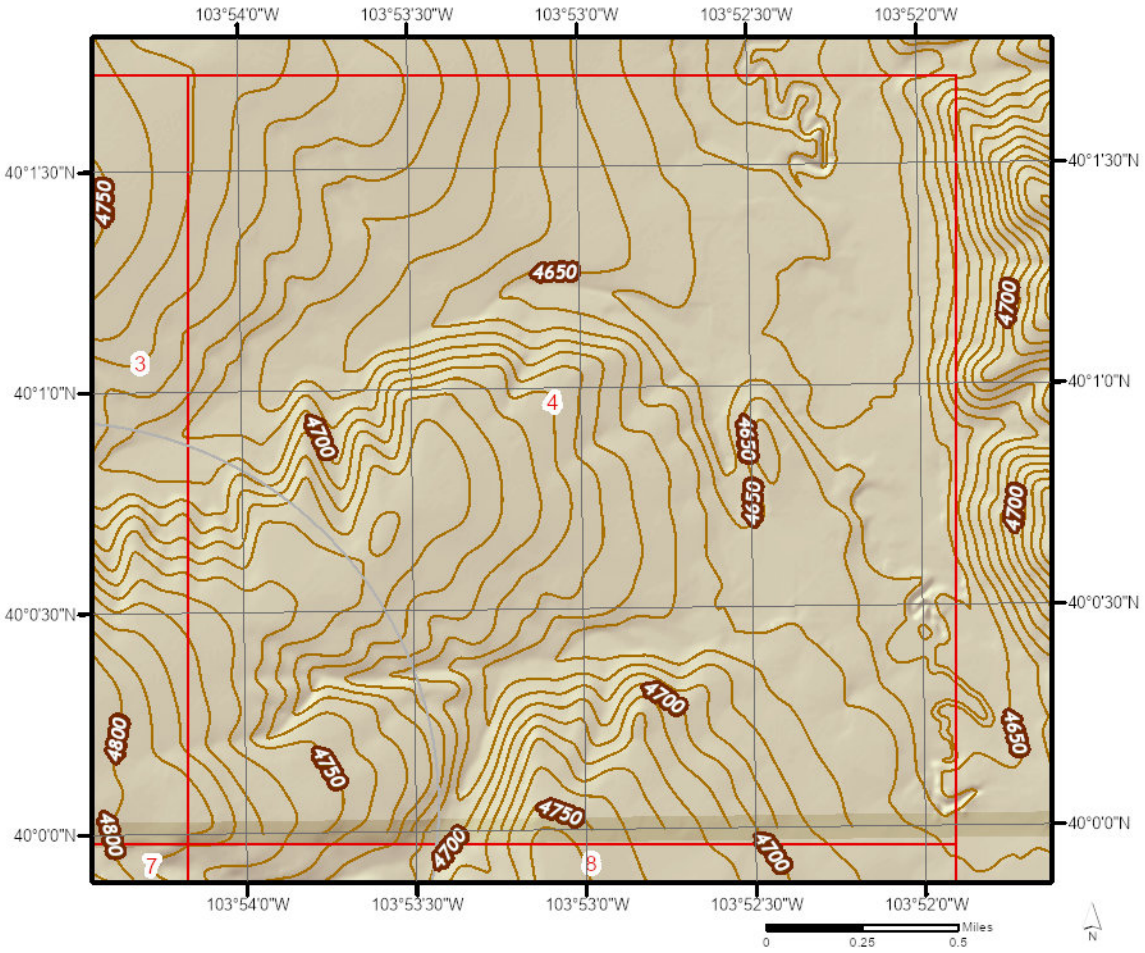
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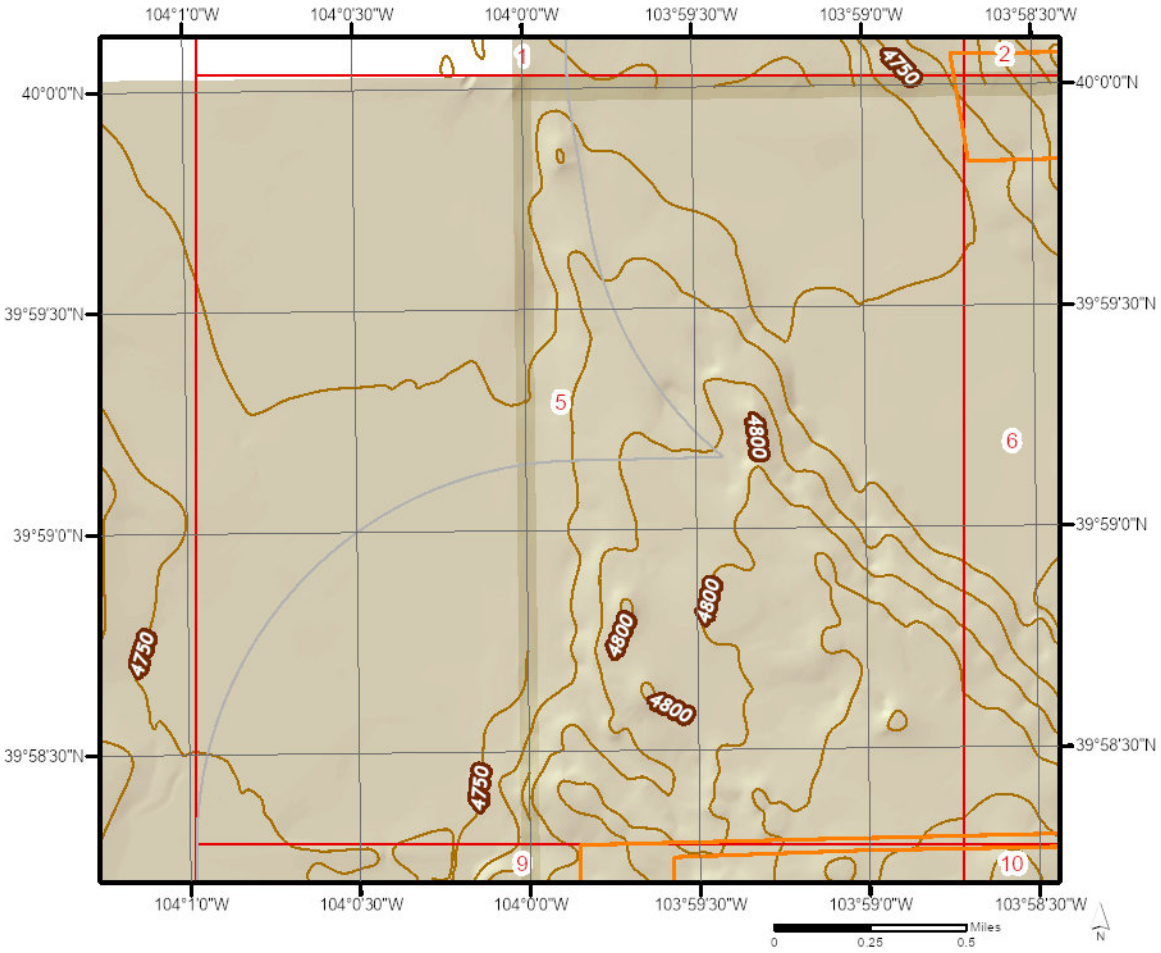
Topographic Information



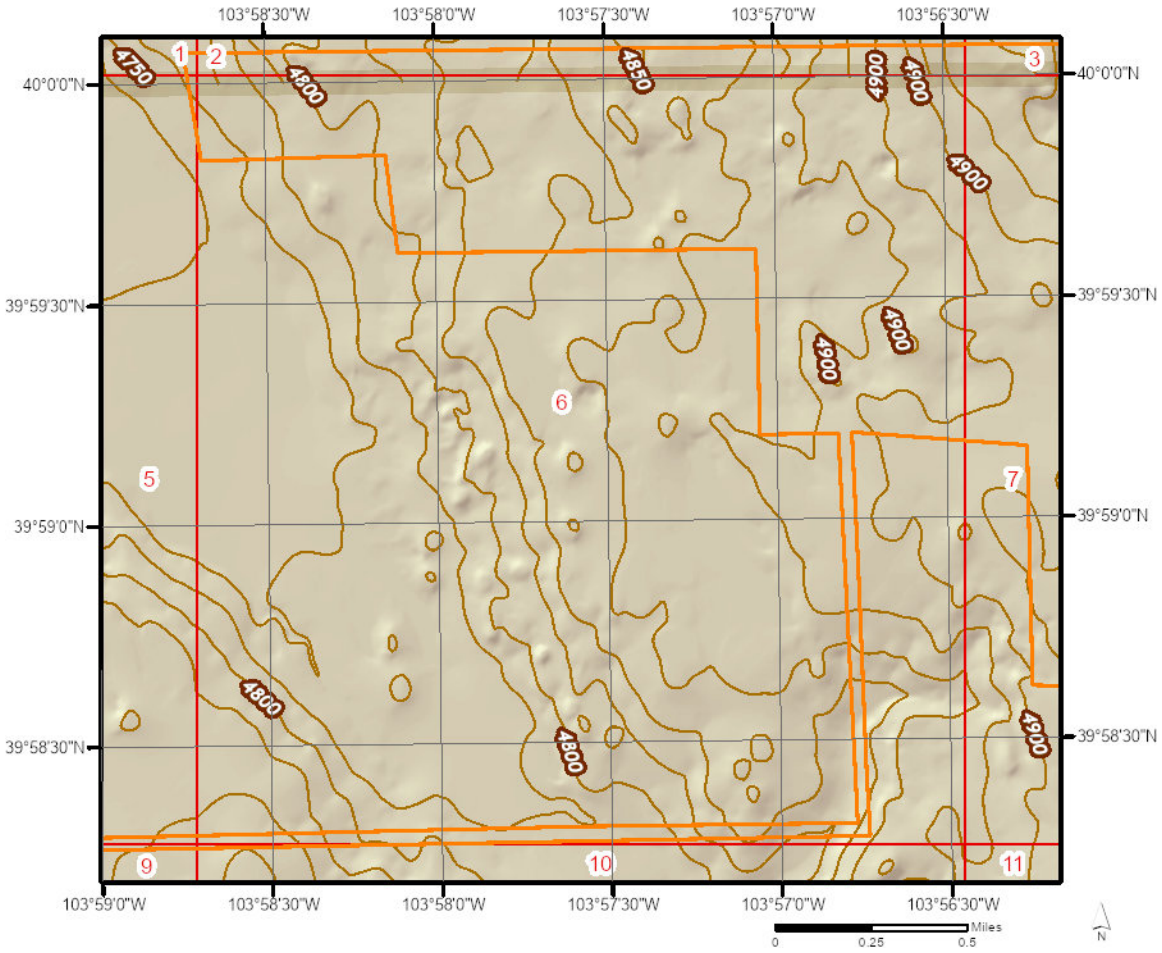
Topographic Information



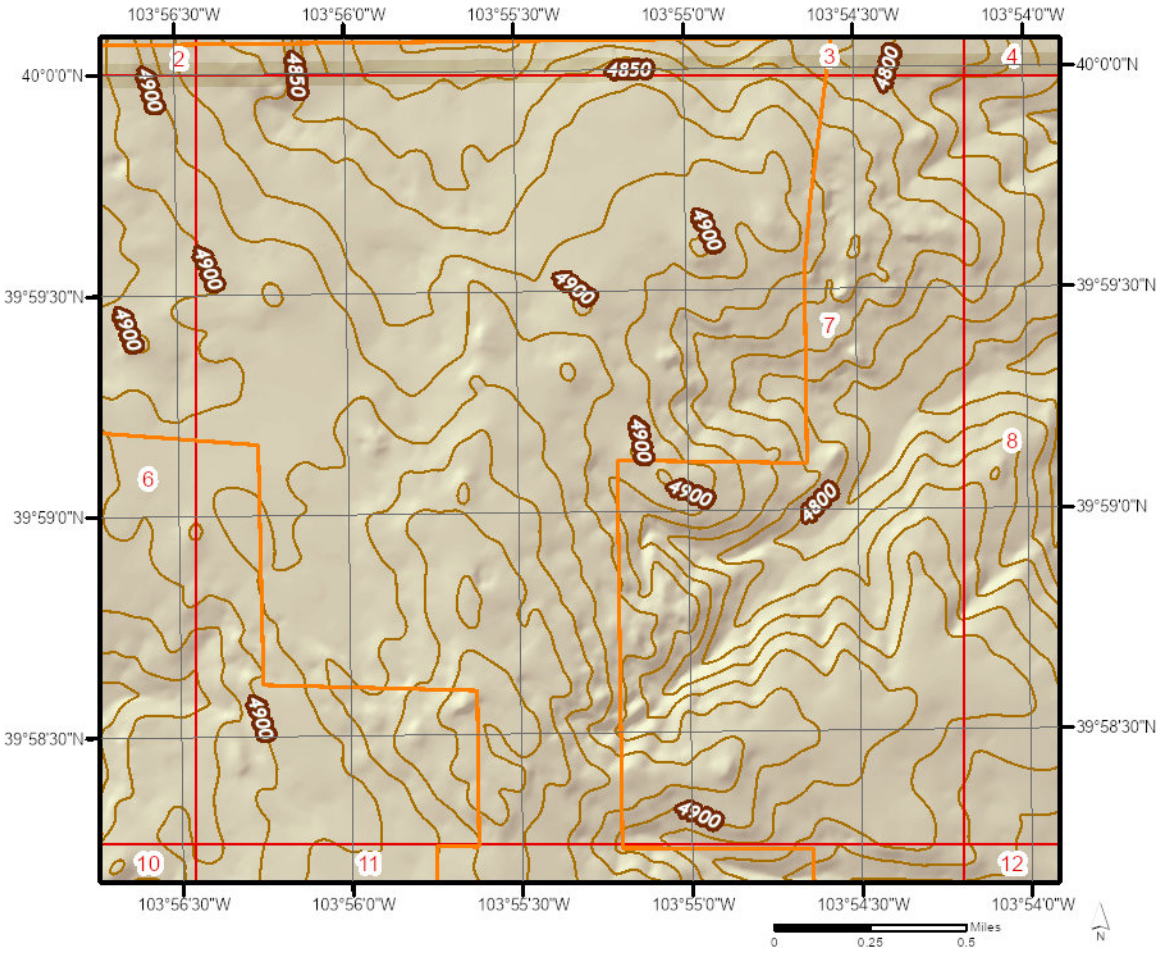
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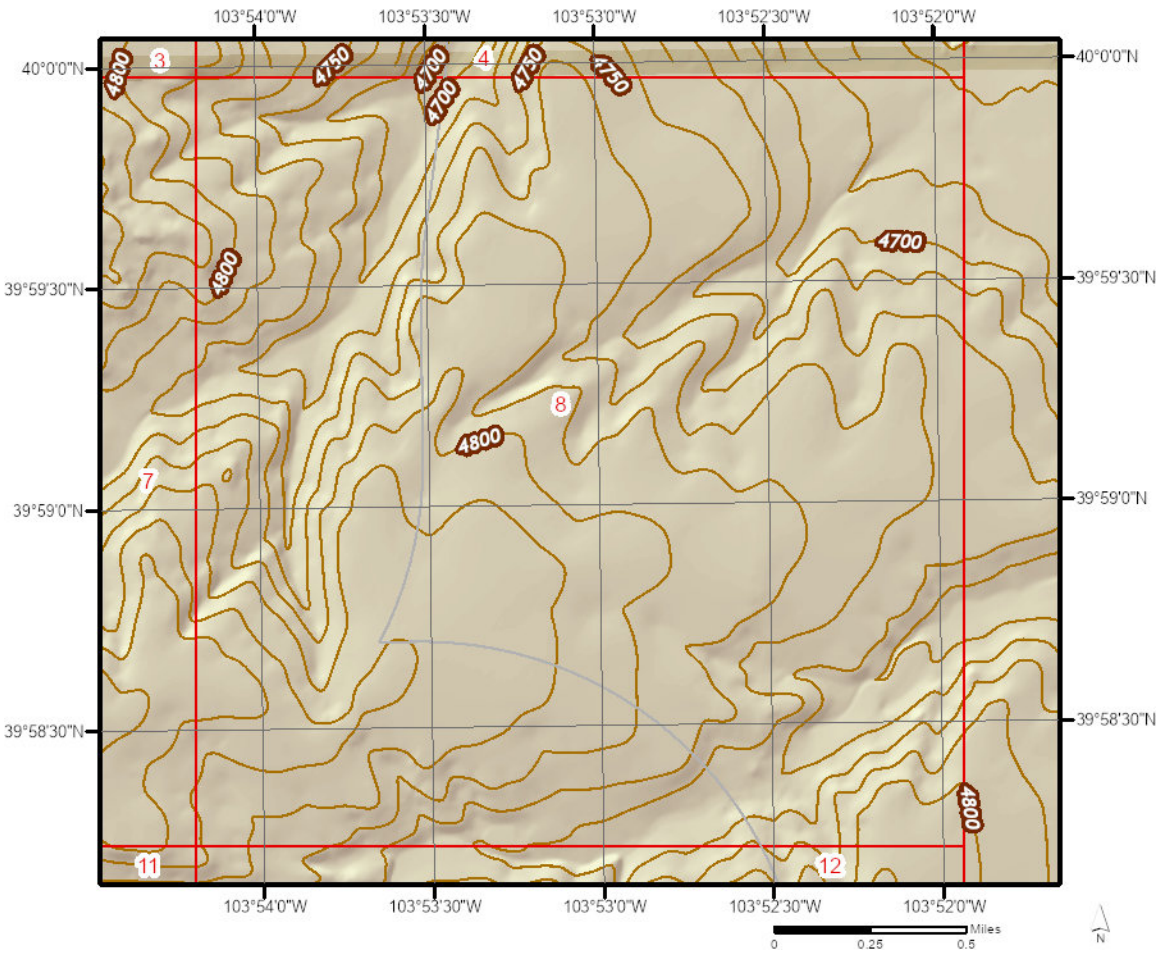
Topographic Information



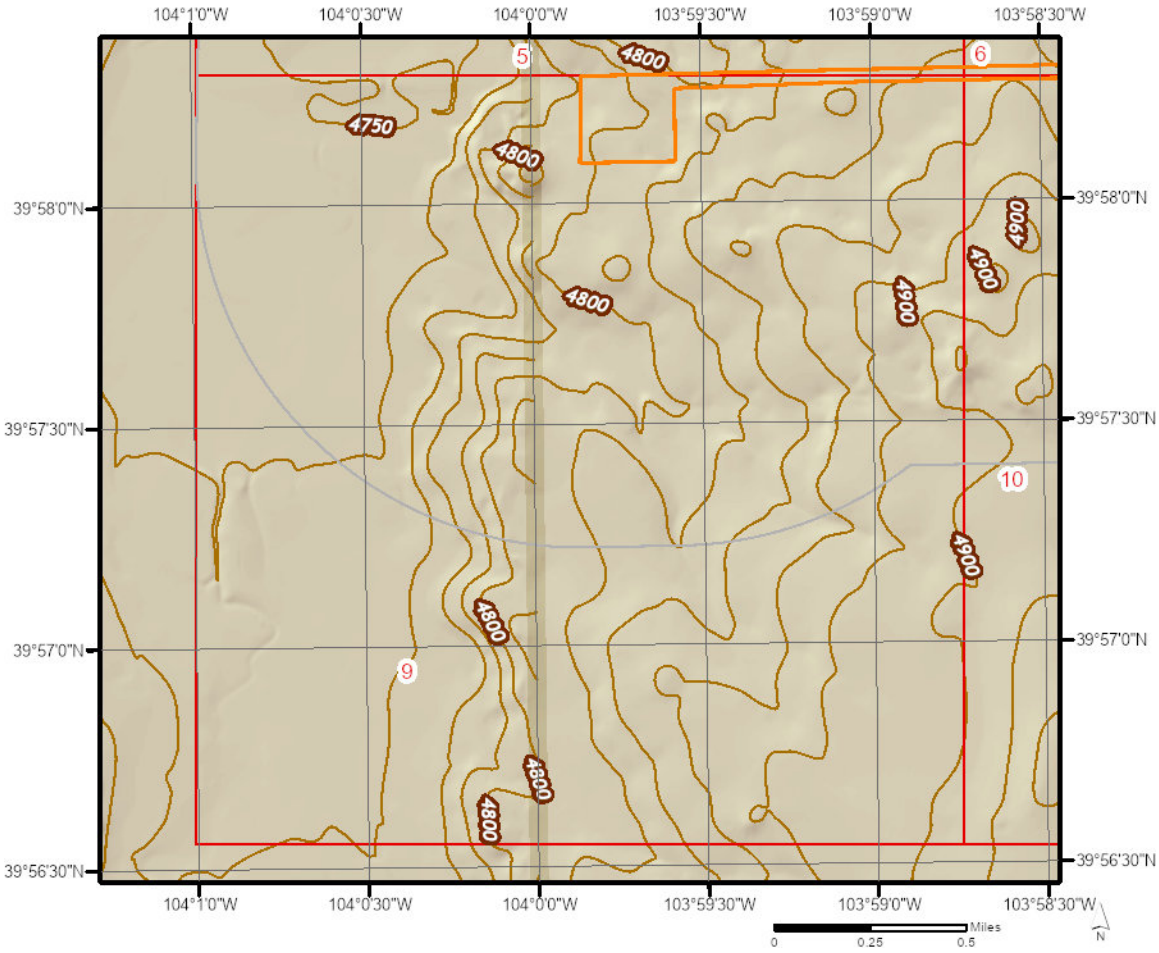
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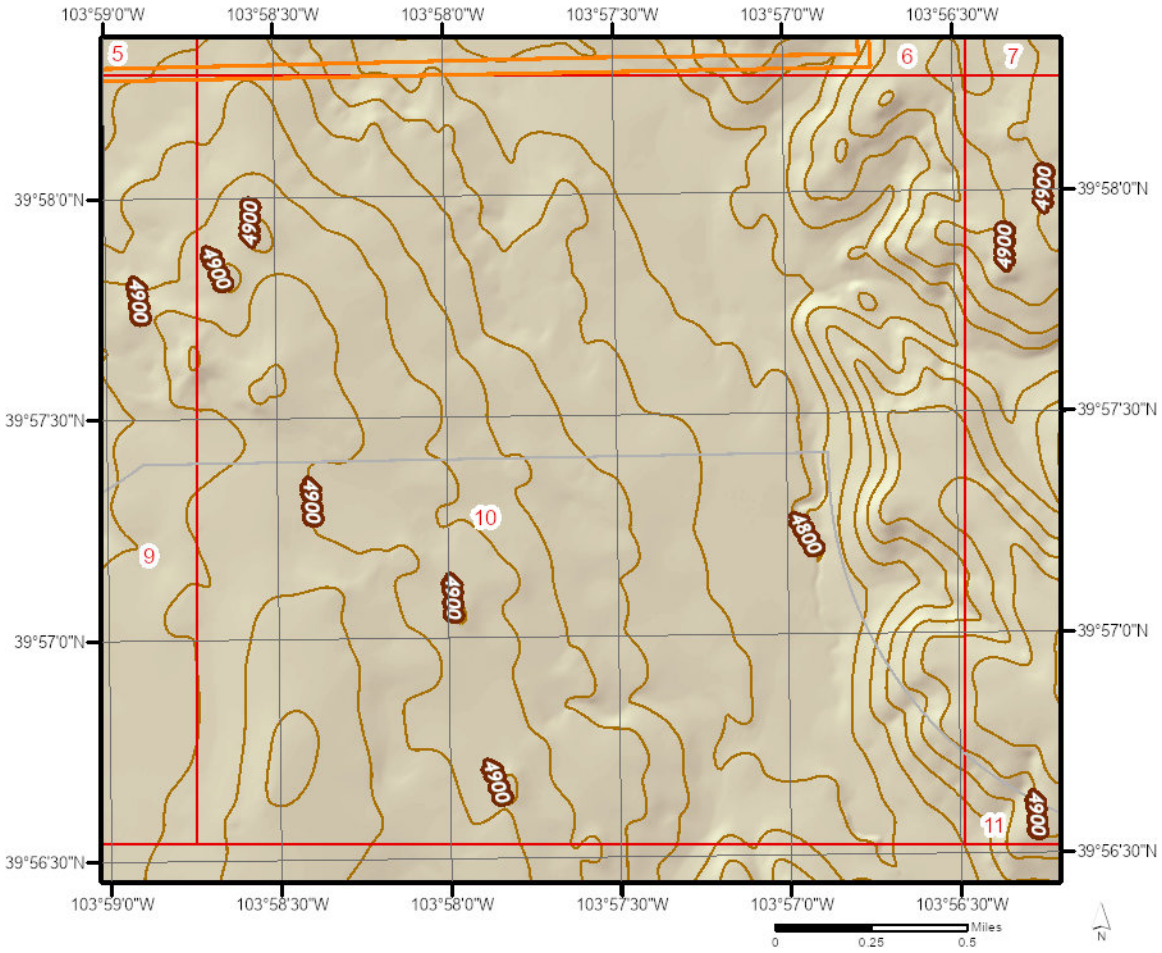
Topographic Information



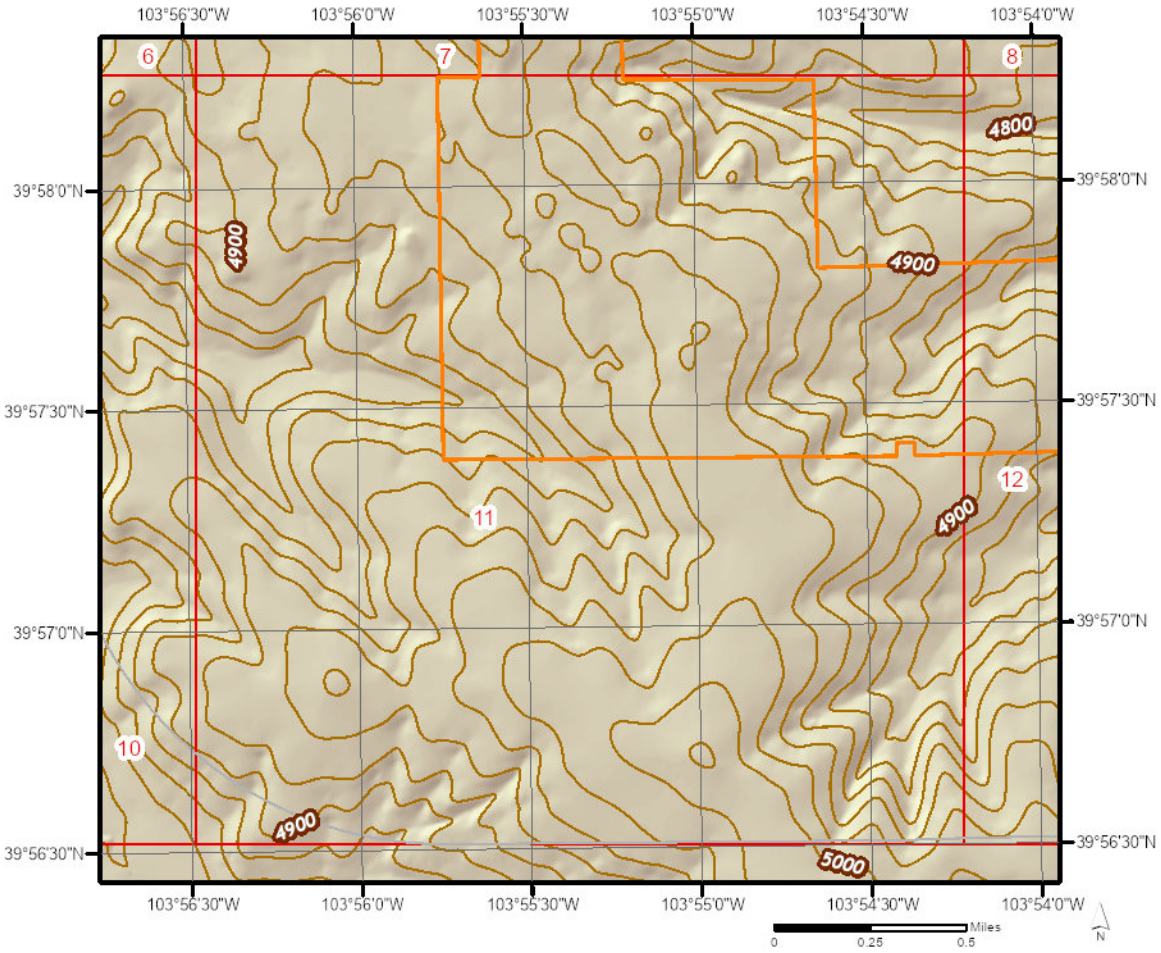
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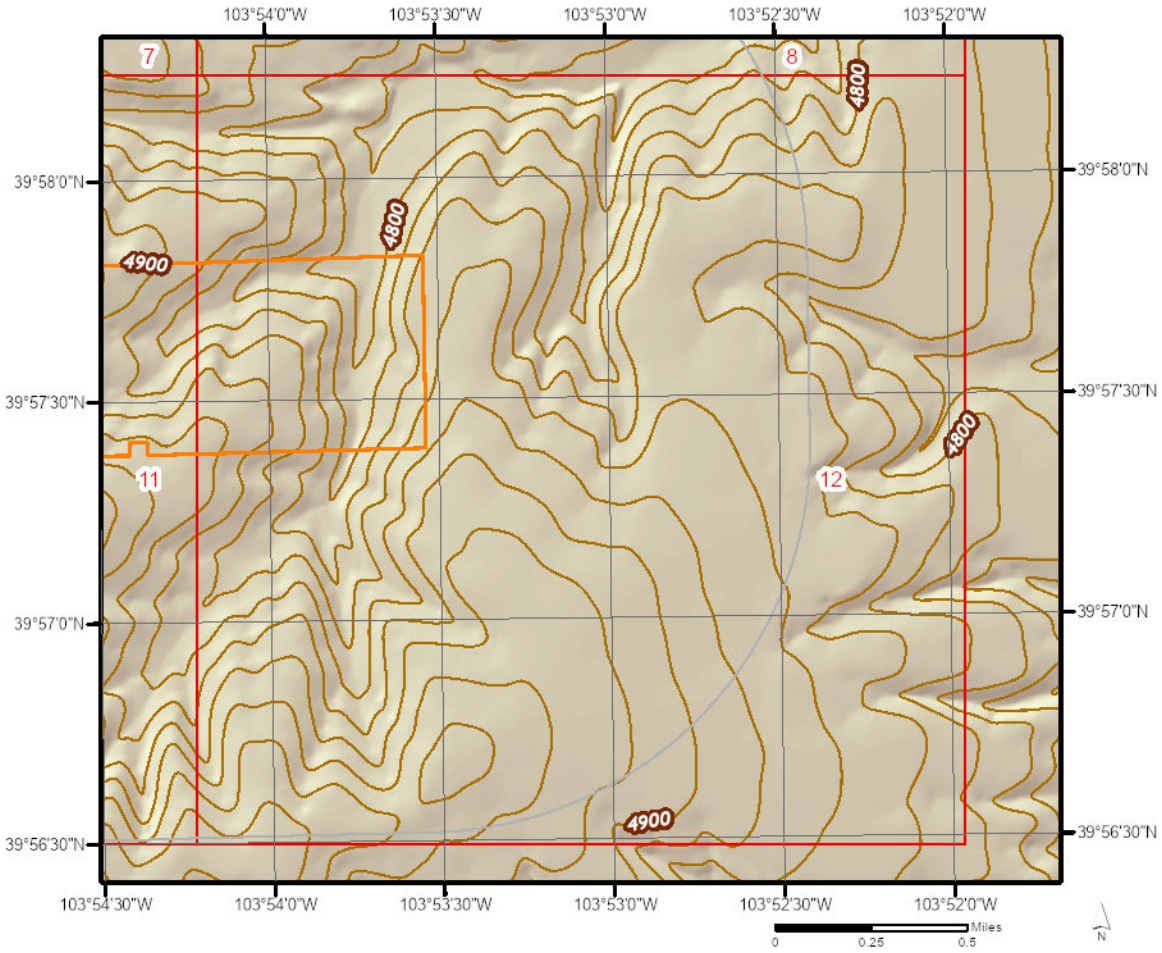
Topographic Information



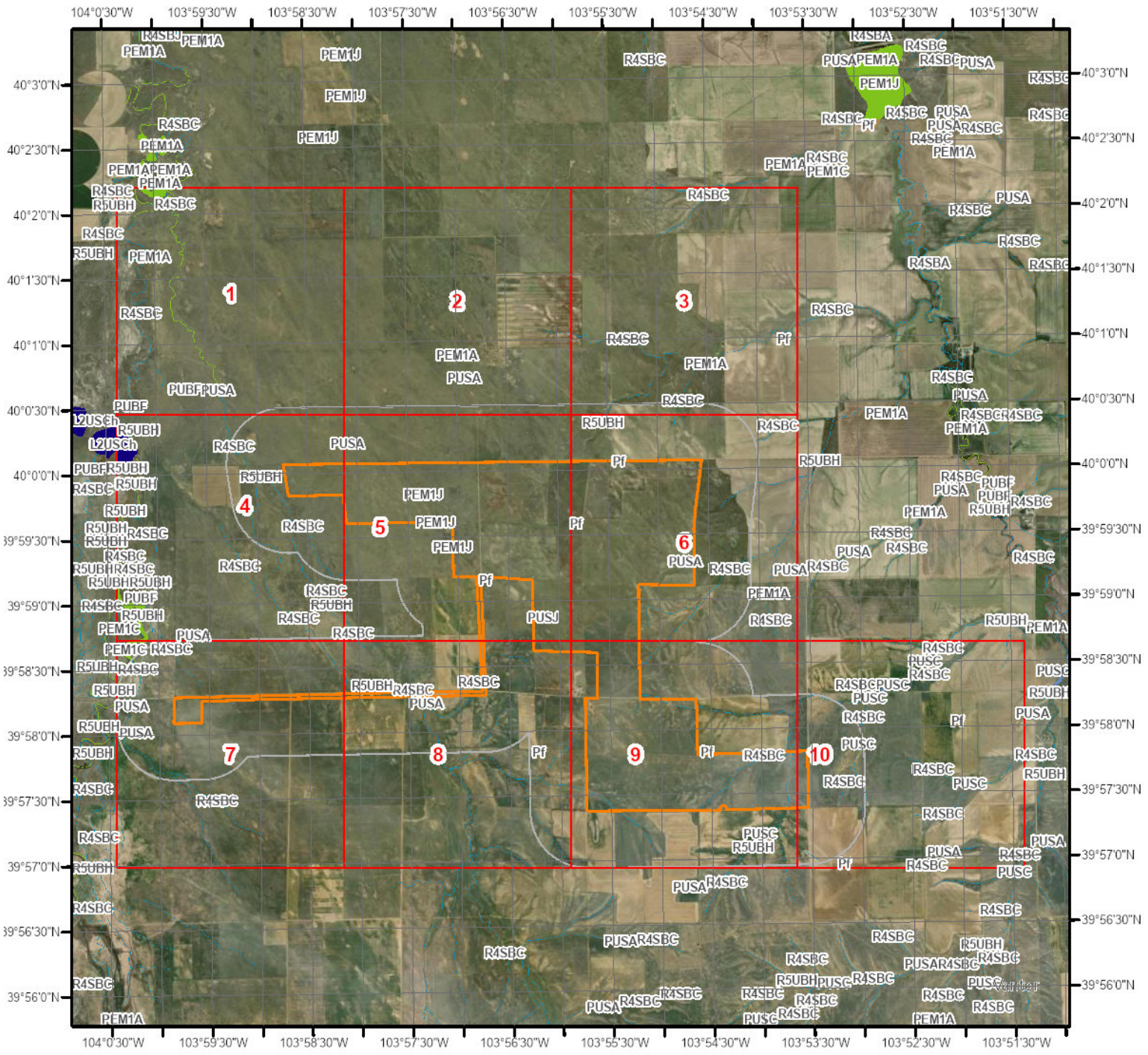
Topographic Information



Topographic Information



Hydrologic Information



Wetland

Miles
0 1 2

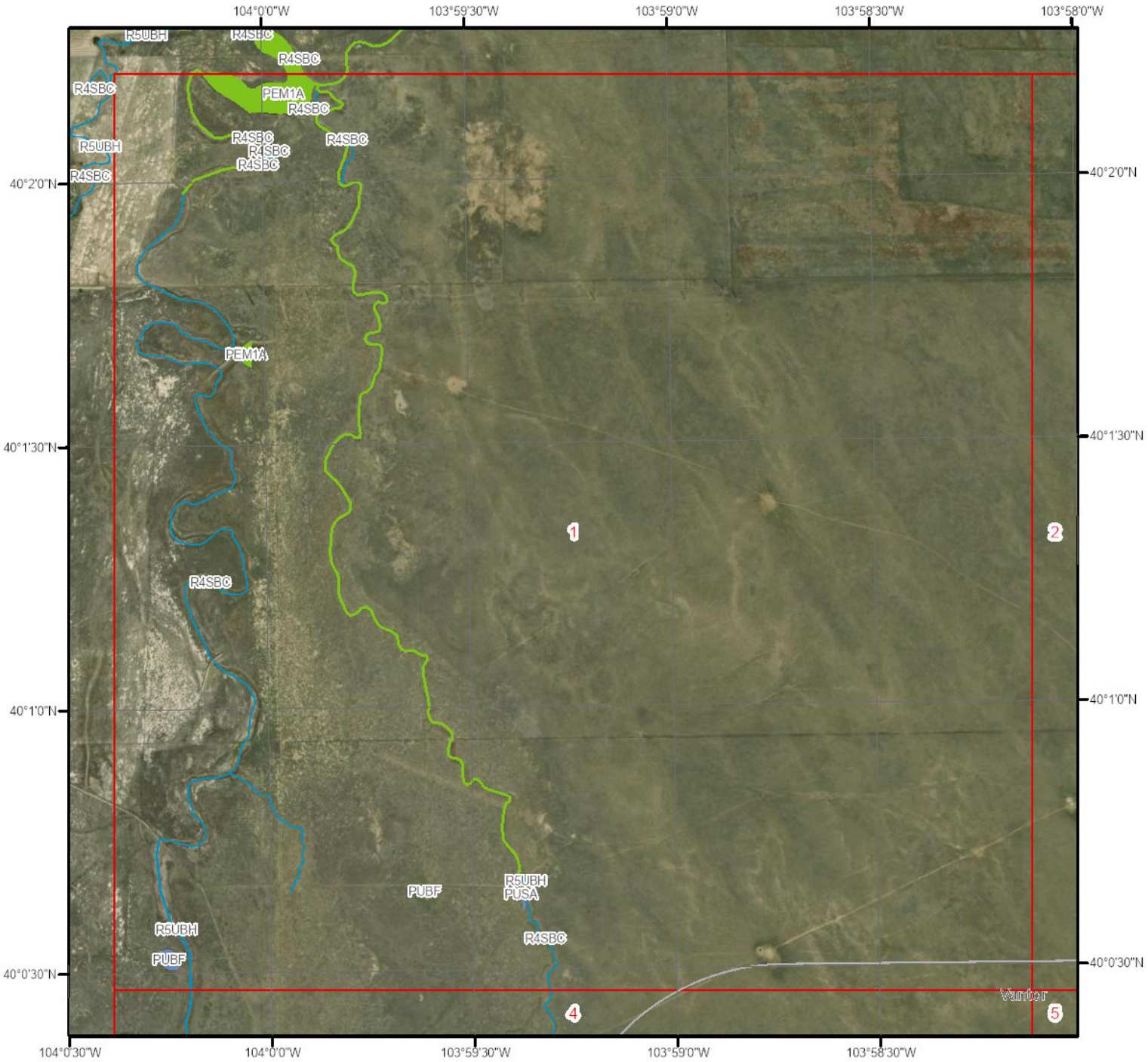
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 1

Miles
0 0.28 0.55

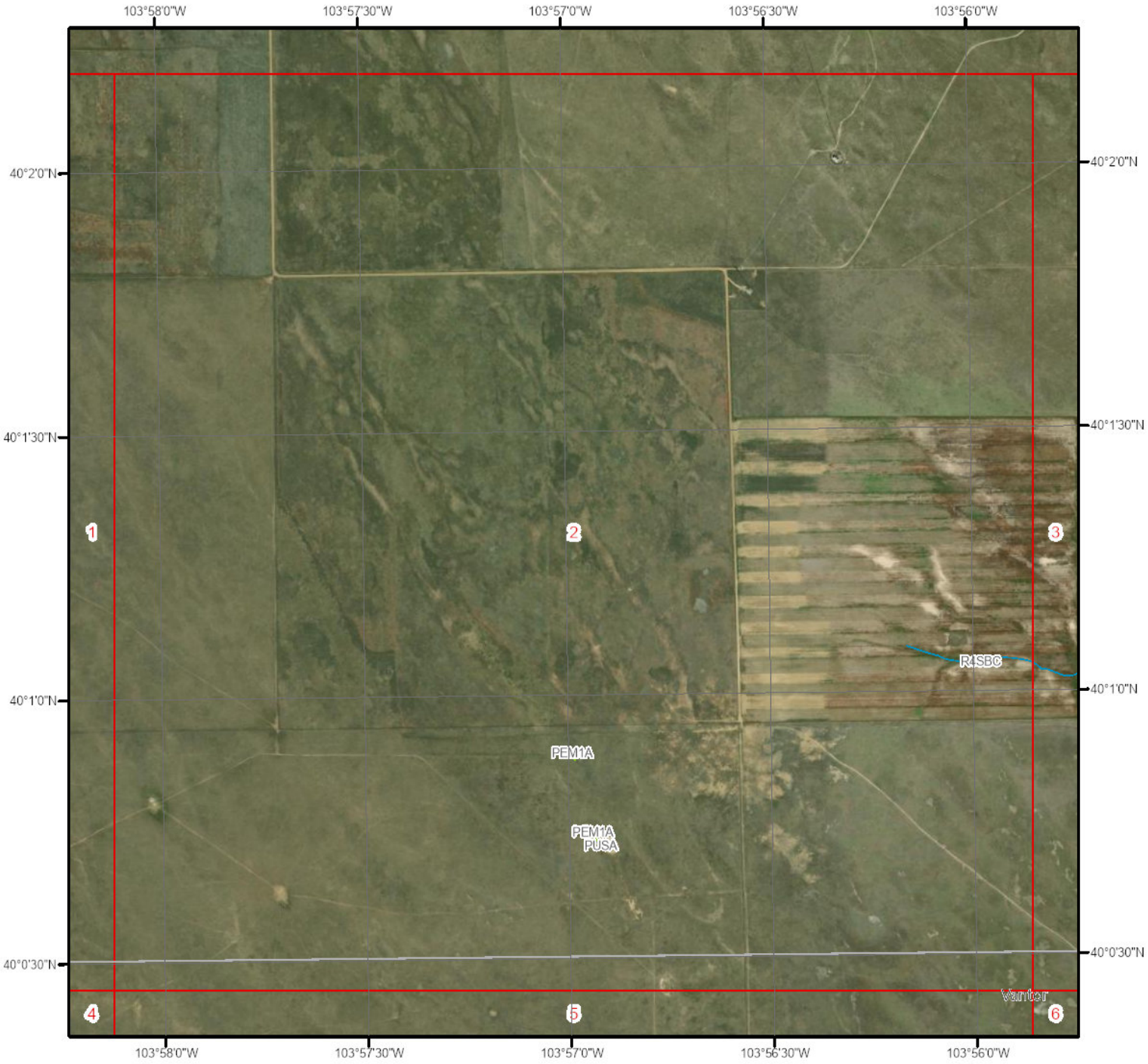
N

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- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 2

Miles
0 0.28 0.55

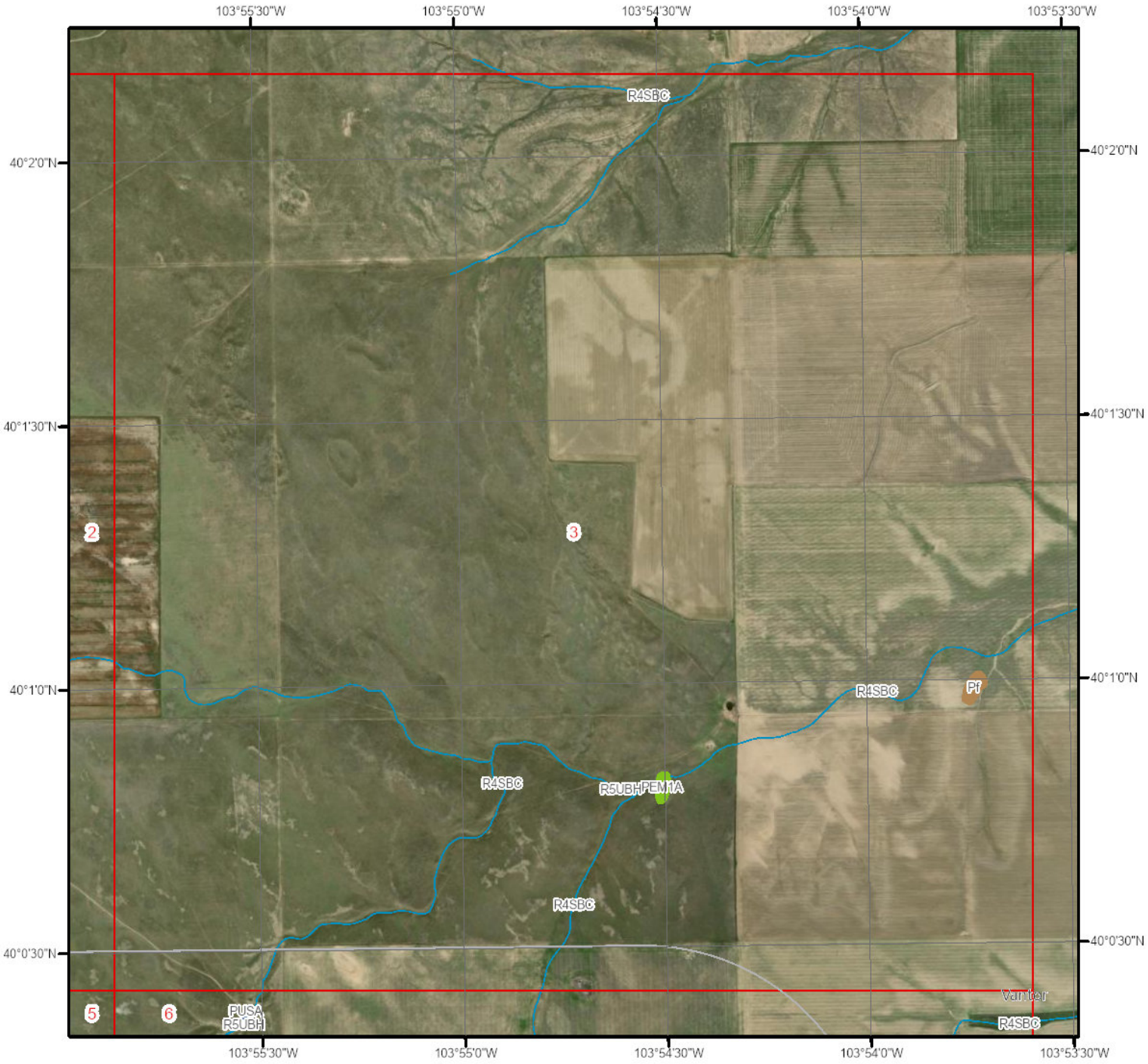
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 3

Miles
0 0.28 0.55

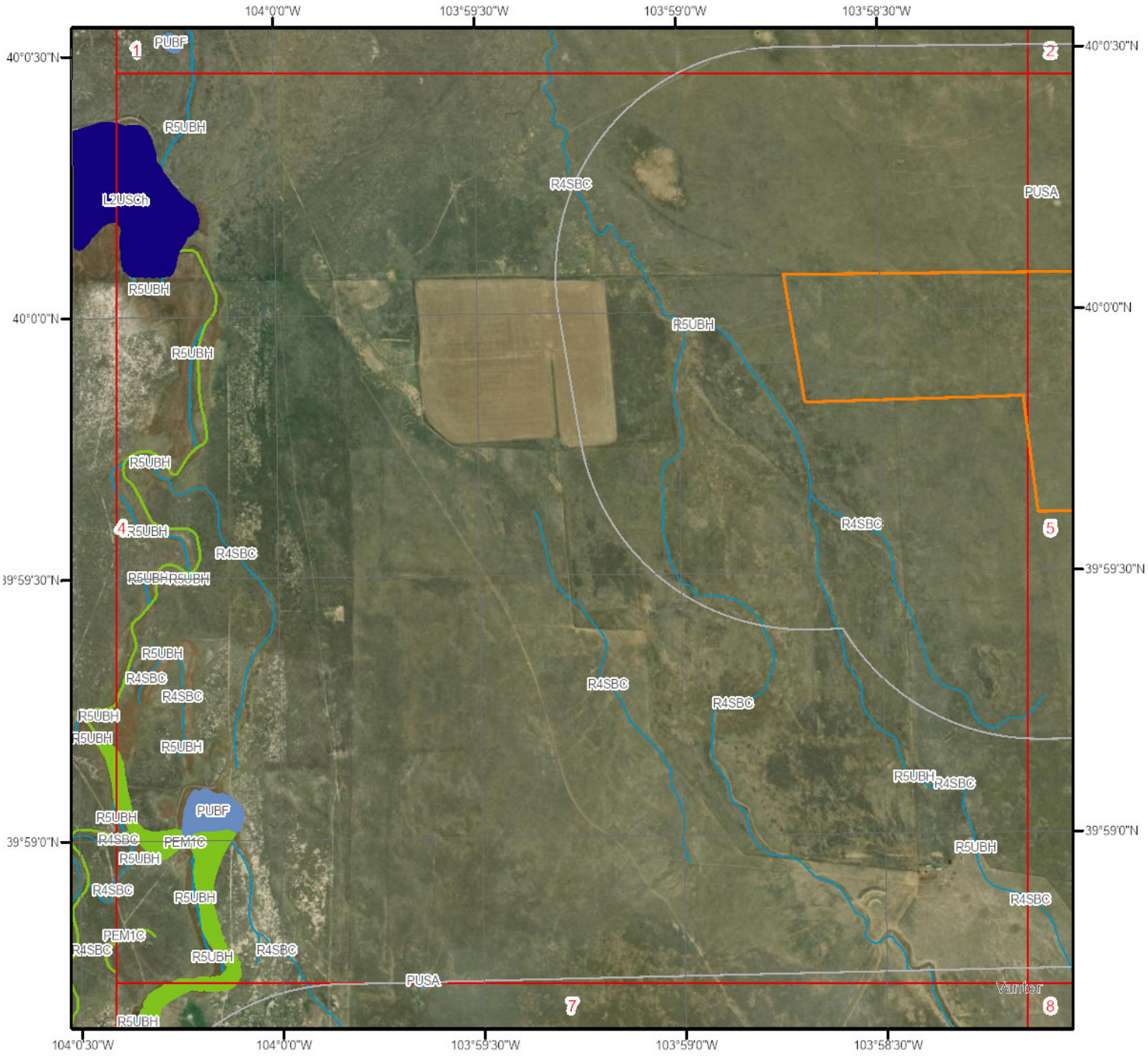
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This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 4

Miles
0 0.28 0.55

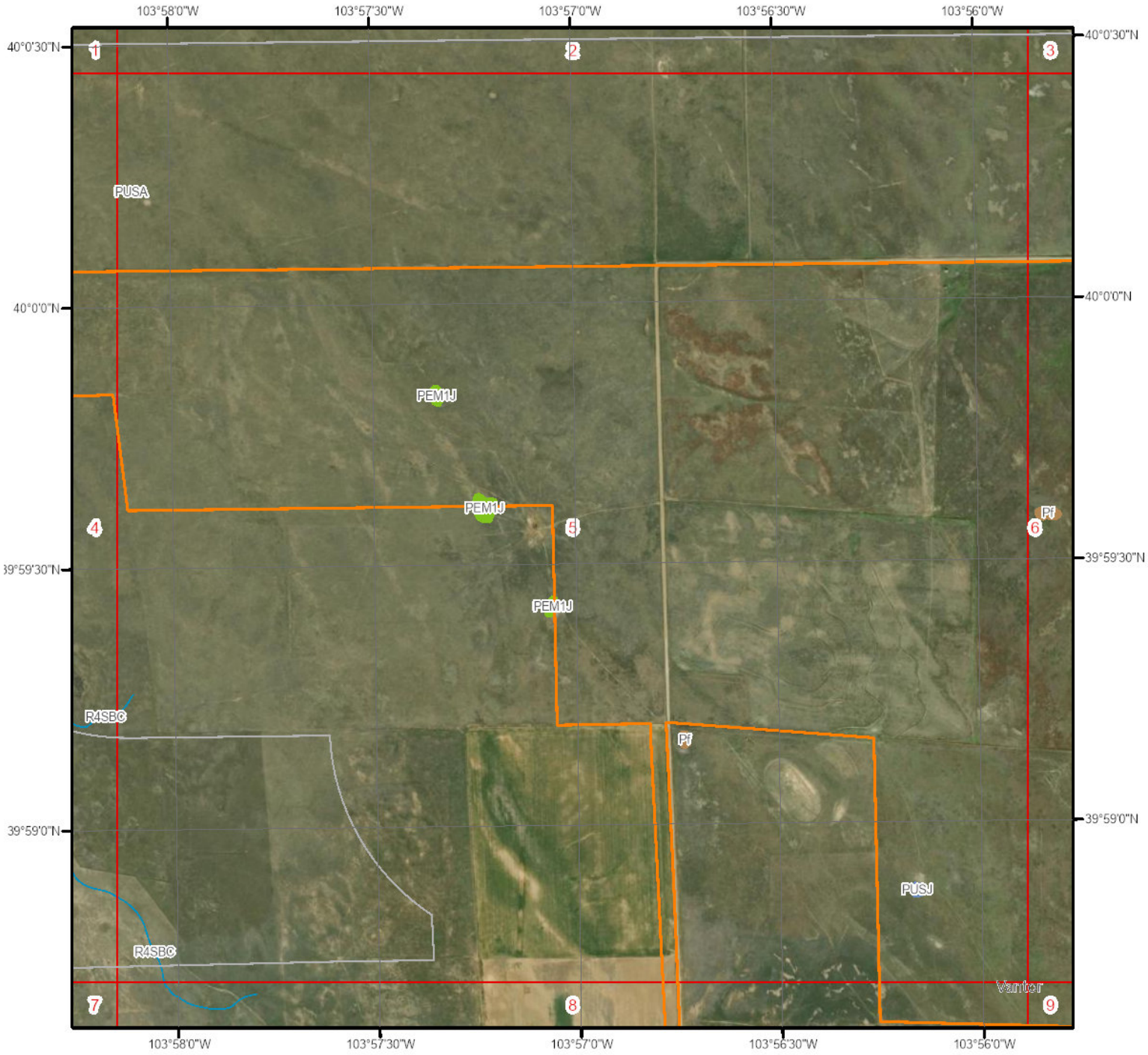
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This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 5

Miles
0 0.28 0.55

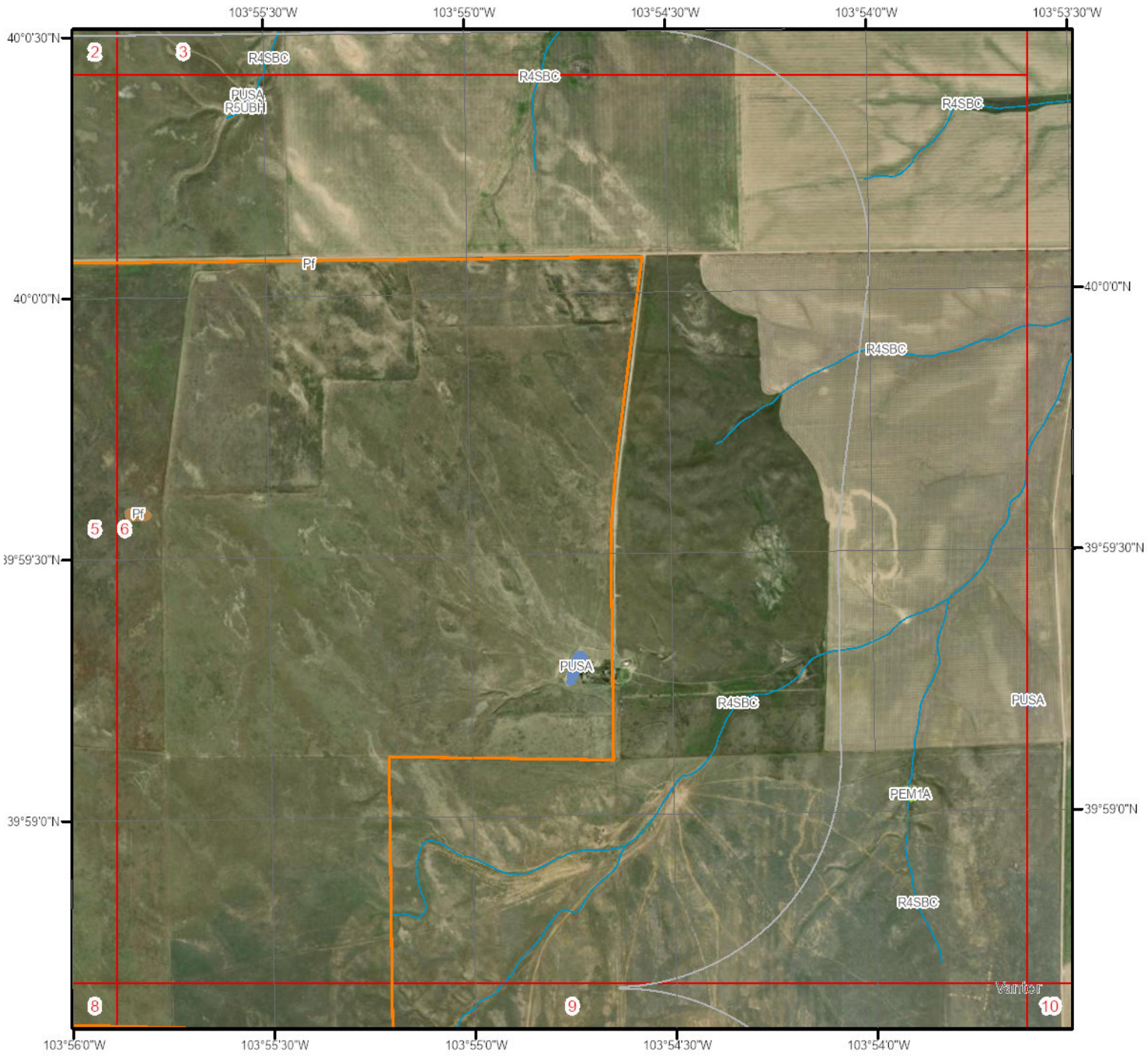
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This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 6

Miles
0 0.28 0.55

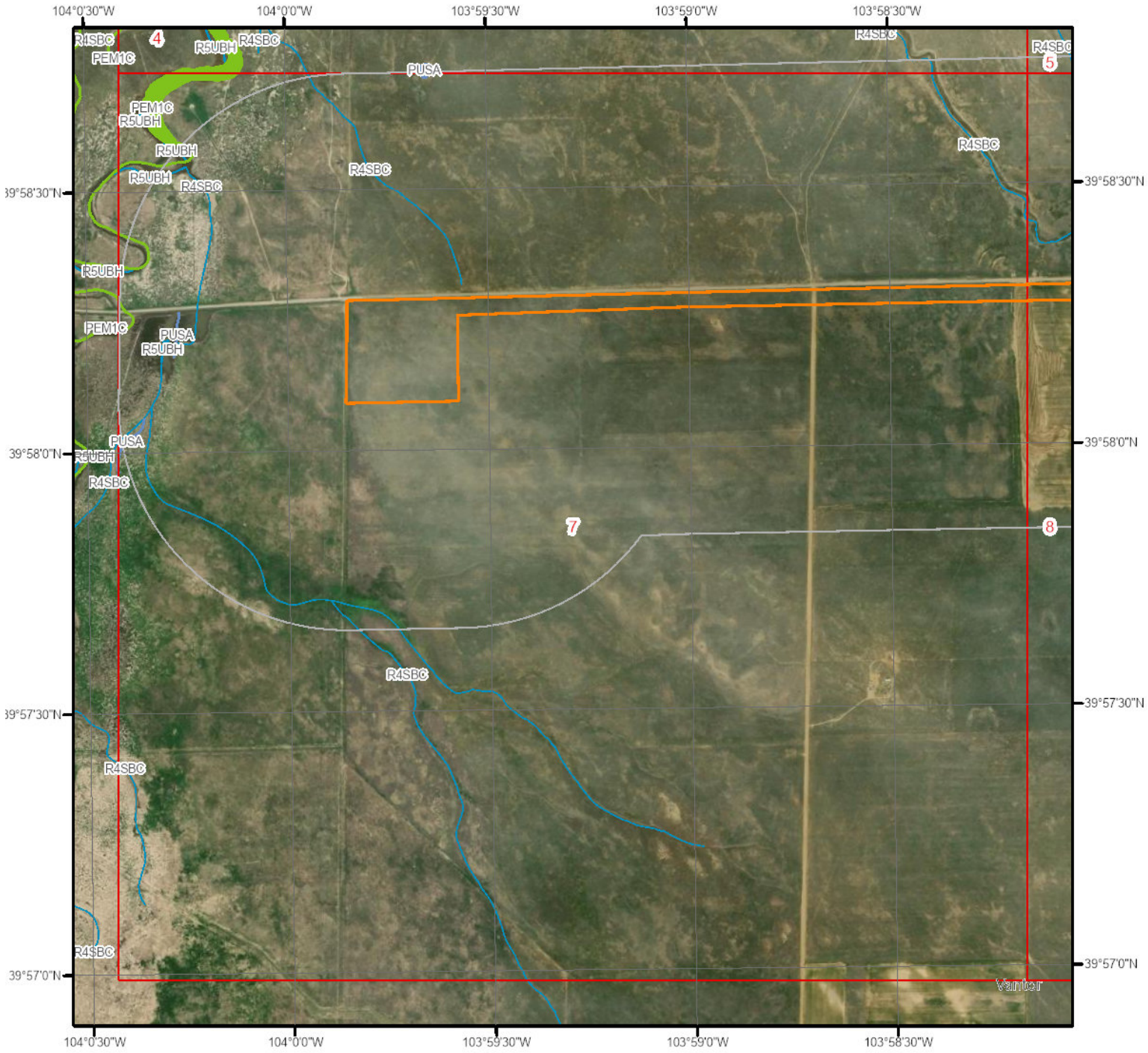
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This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 7

Miles
0 0.28 0.55

N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 8

Miles
0 0.28 0.55

N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 9

Miles
0 0.28 0.55

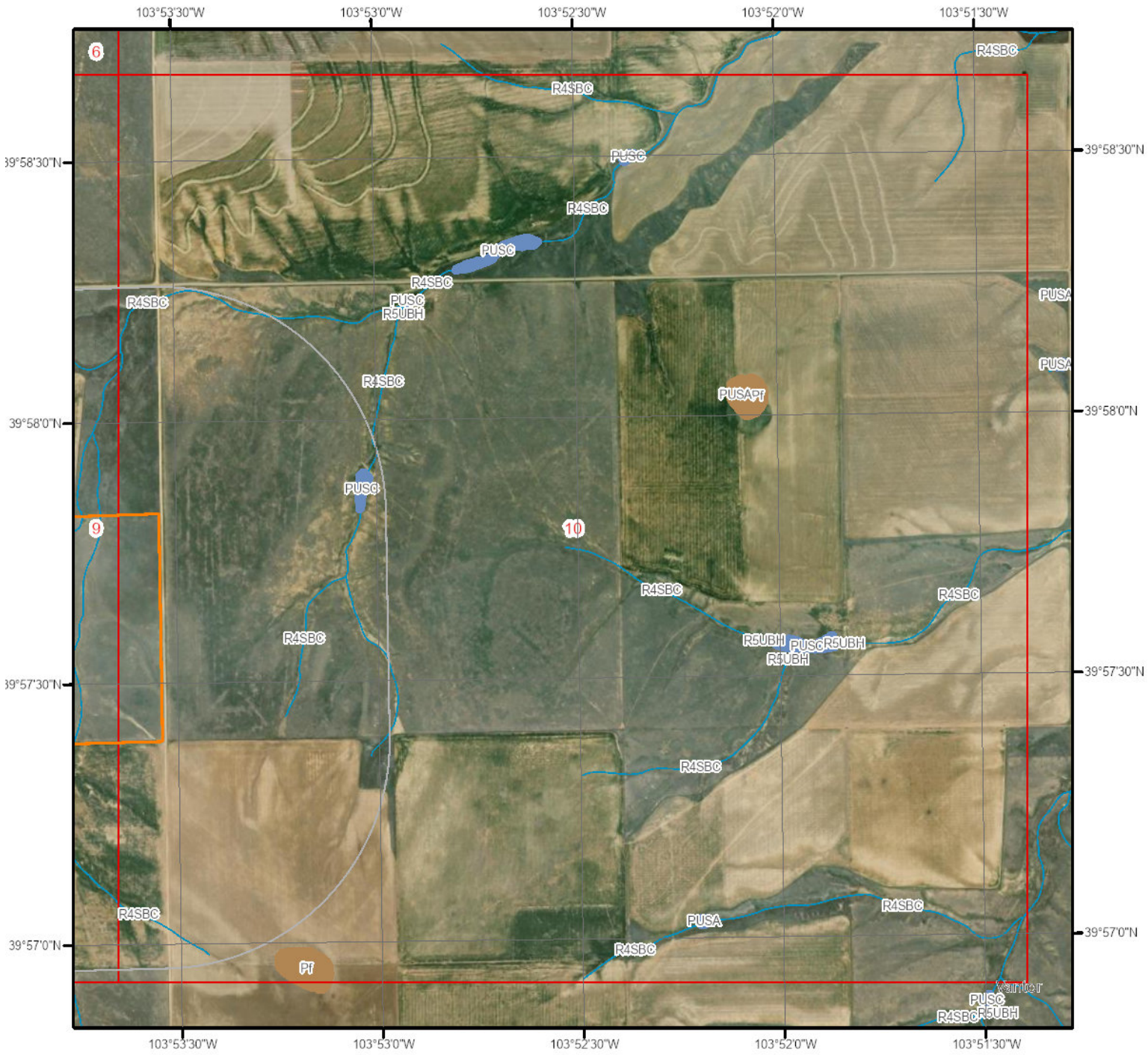
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This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Wetland Type - Page 10

Miles
0 0.28 0.55

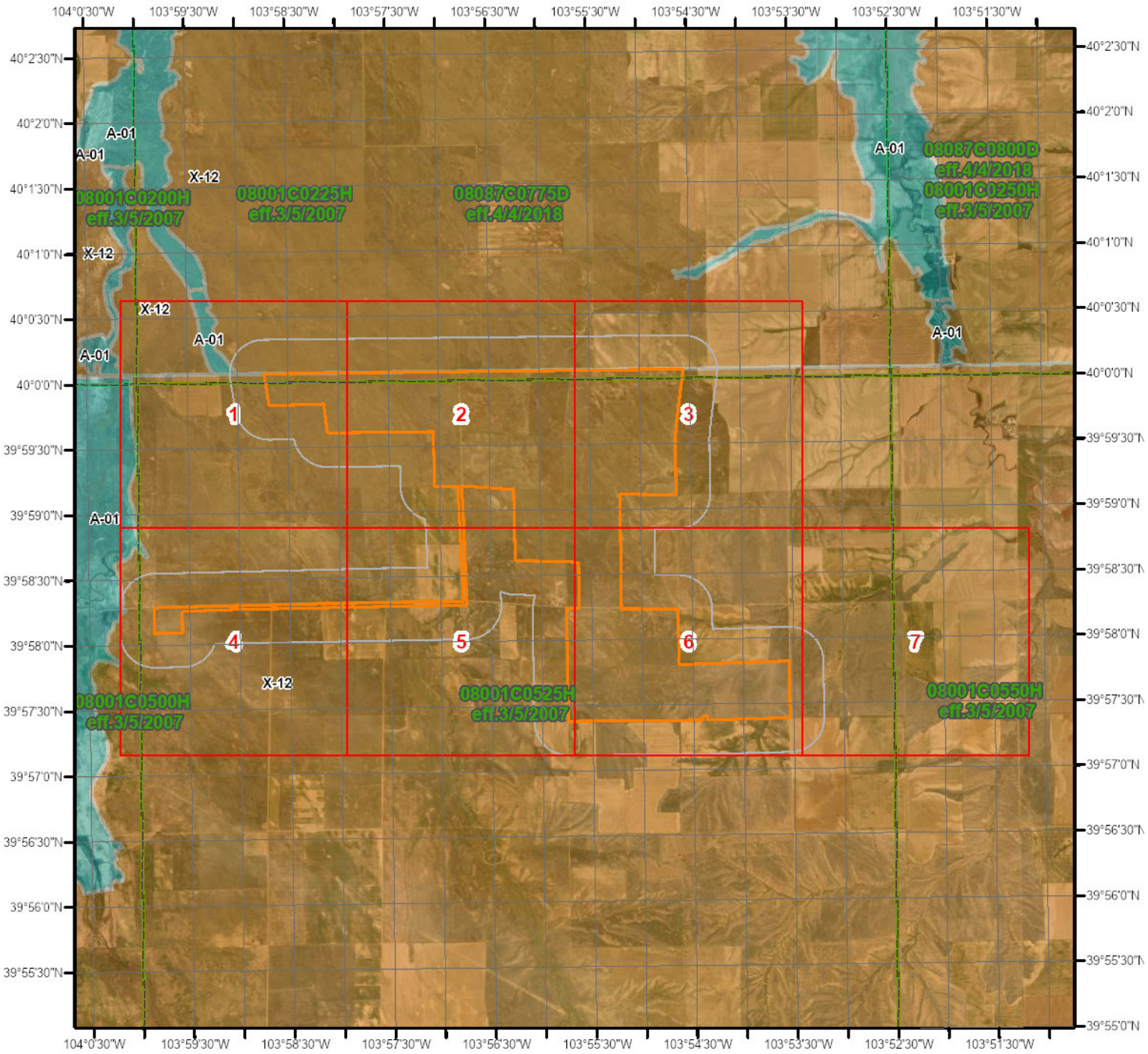
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This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

Miles
0 1 2

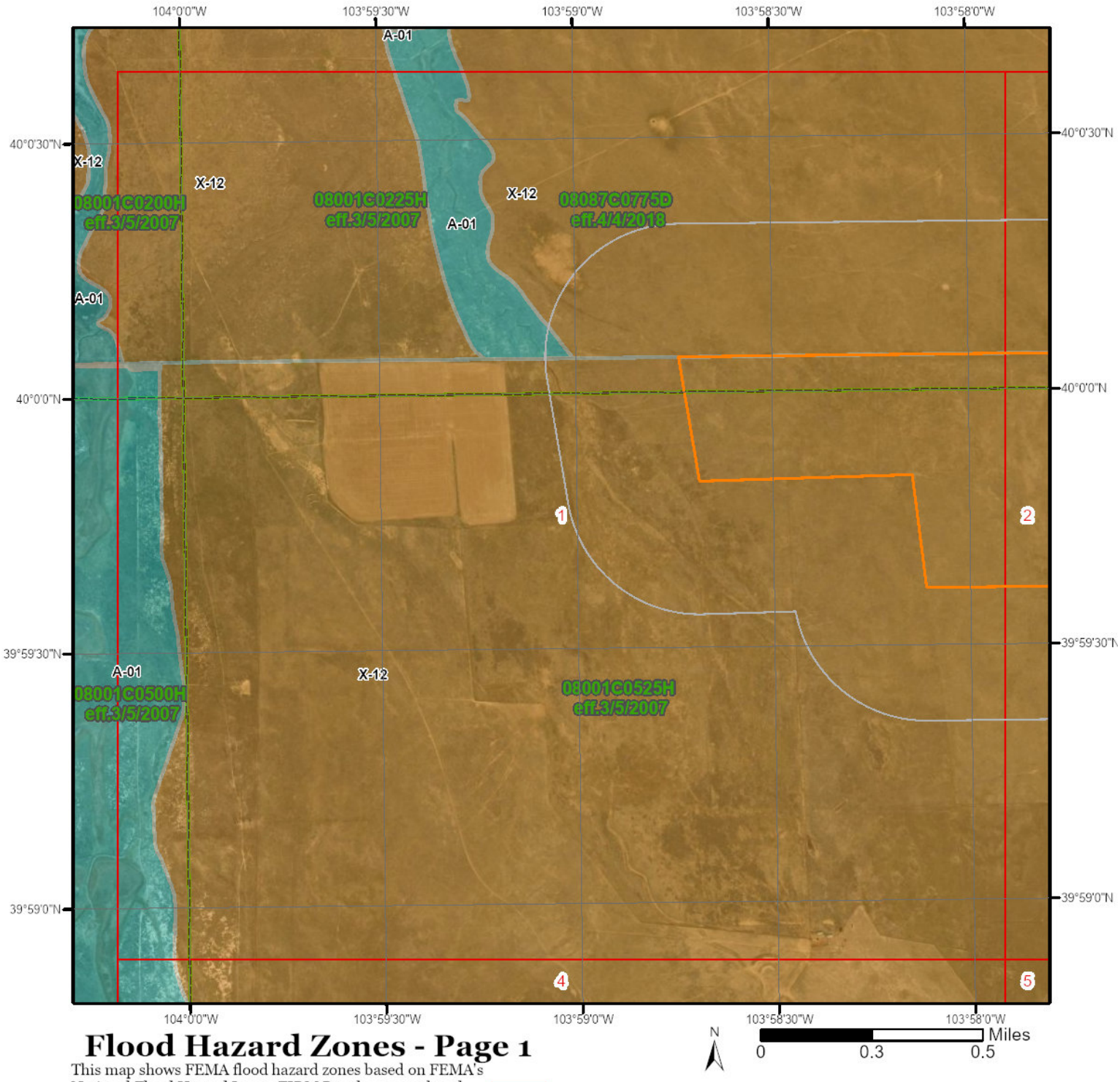
N

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s): Adena,CO; Leader,CO; Potty Brown Creek,CO; Shamrock,CO

ERIS

Hydrologic Information



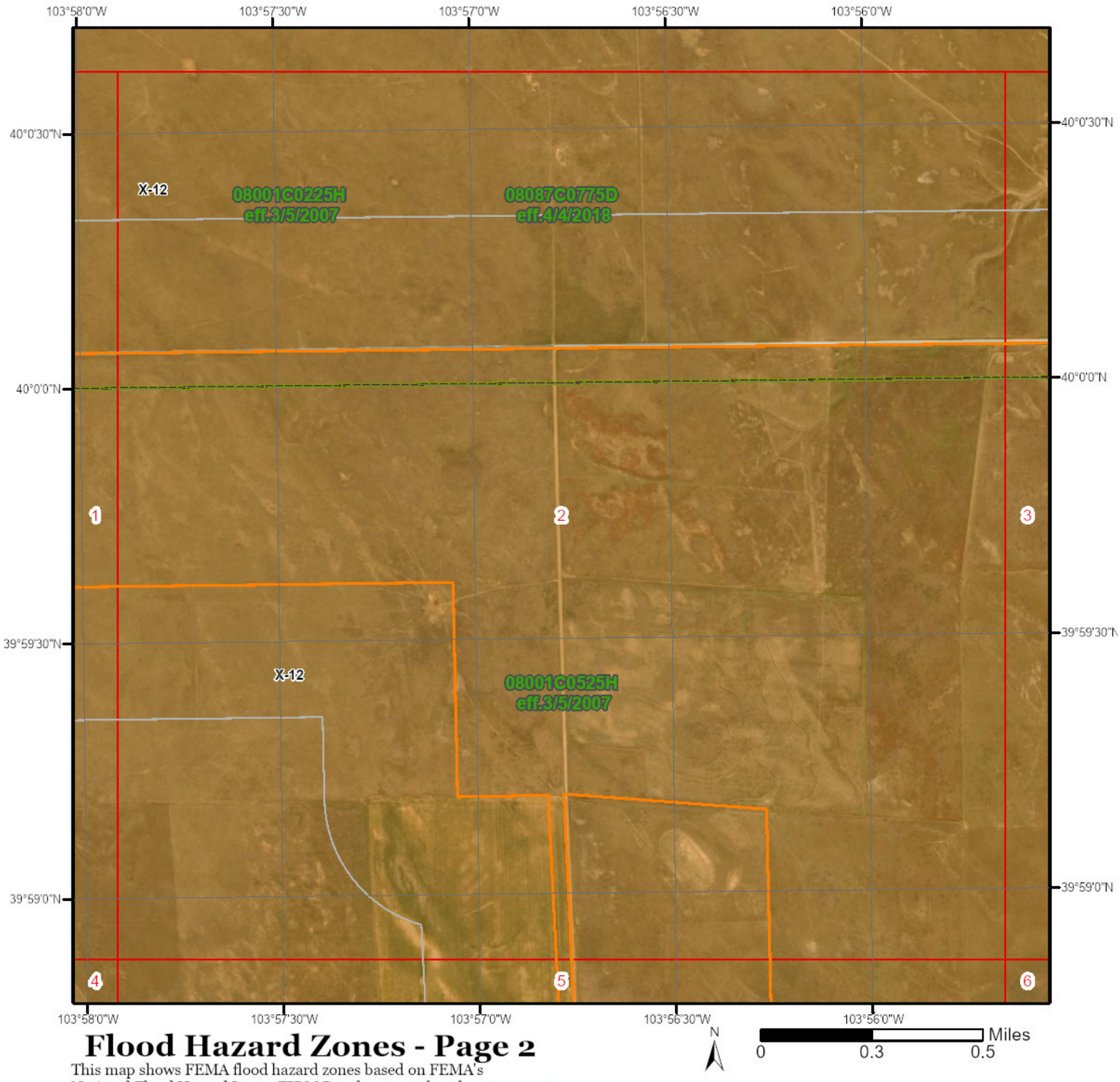
Flood Hazard Zones - Page 1

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s):

Hydrologic Information



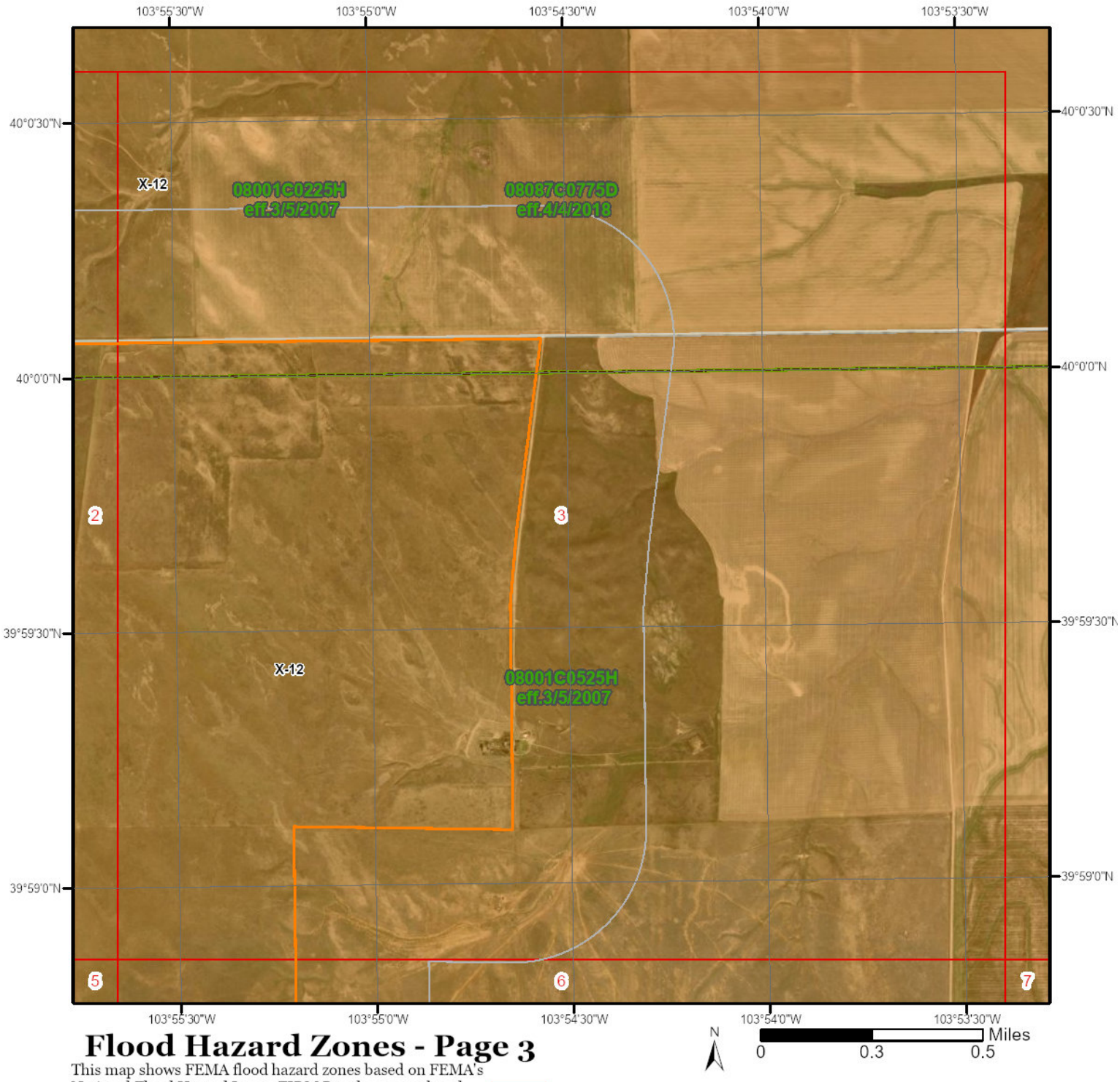
Flood Hazard Zones - Page 2

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s):

Hydrologic Information



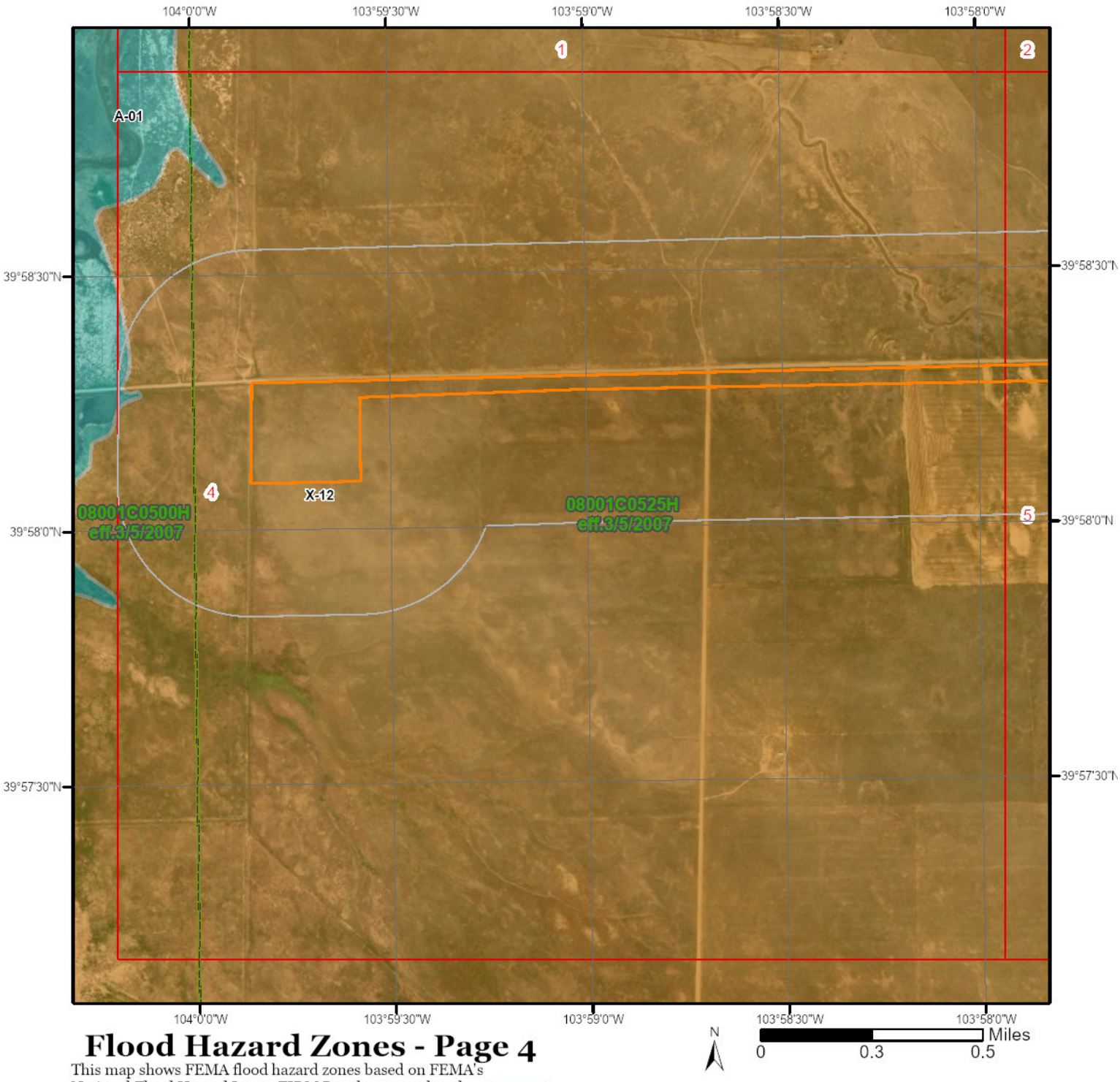
Flood Hazard Zones - Page 3

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s):

Hydrologic Information



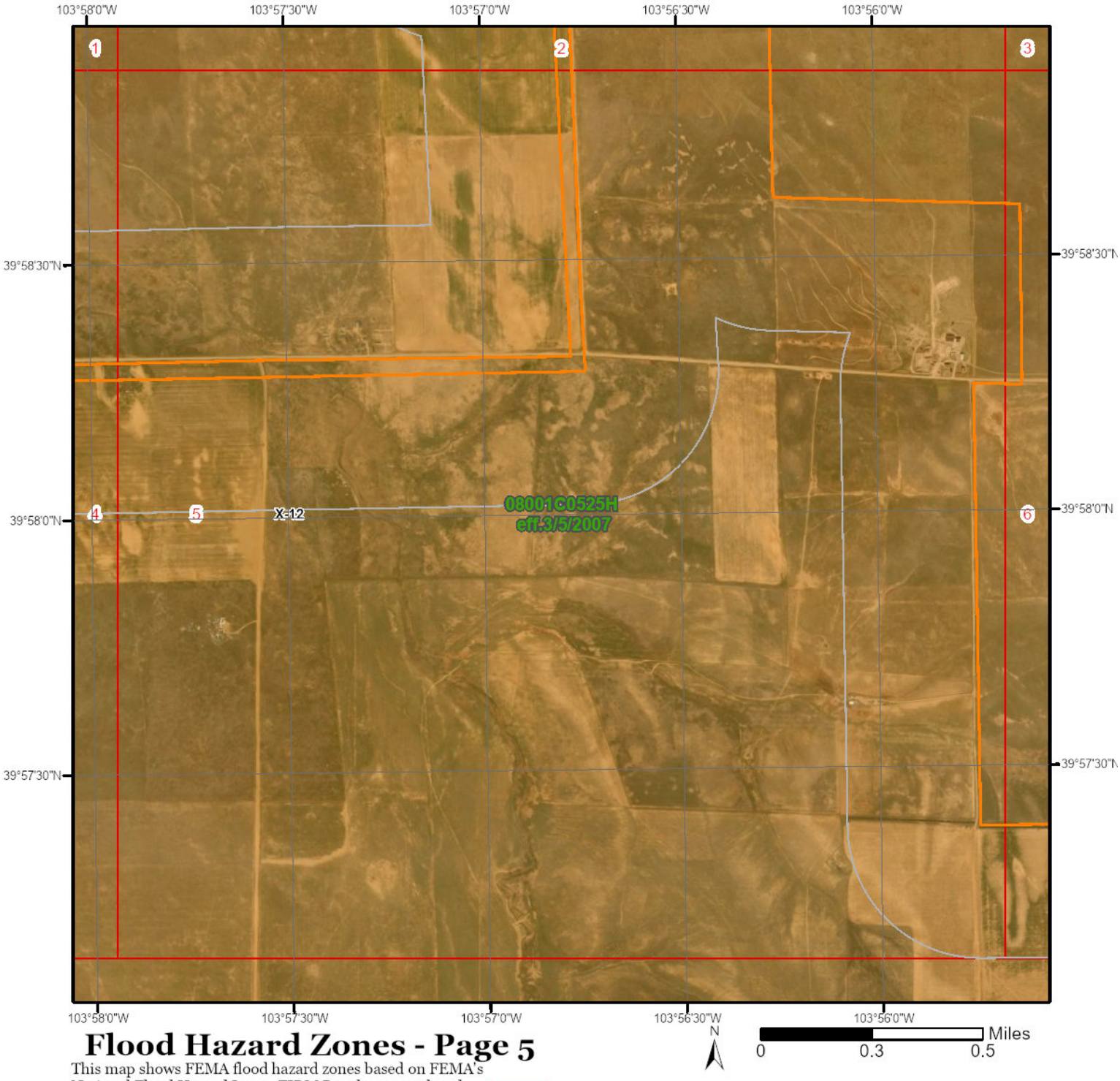
Flood Hazard Zones - Page 4

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s):

Hydrologic Information



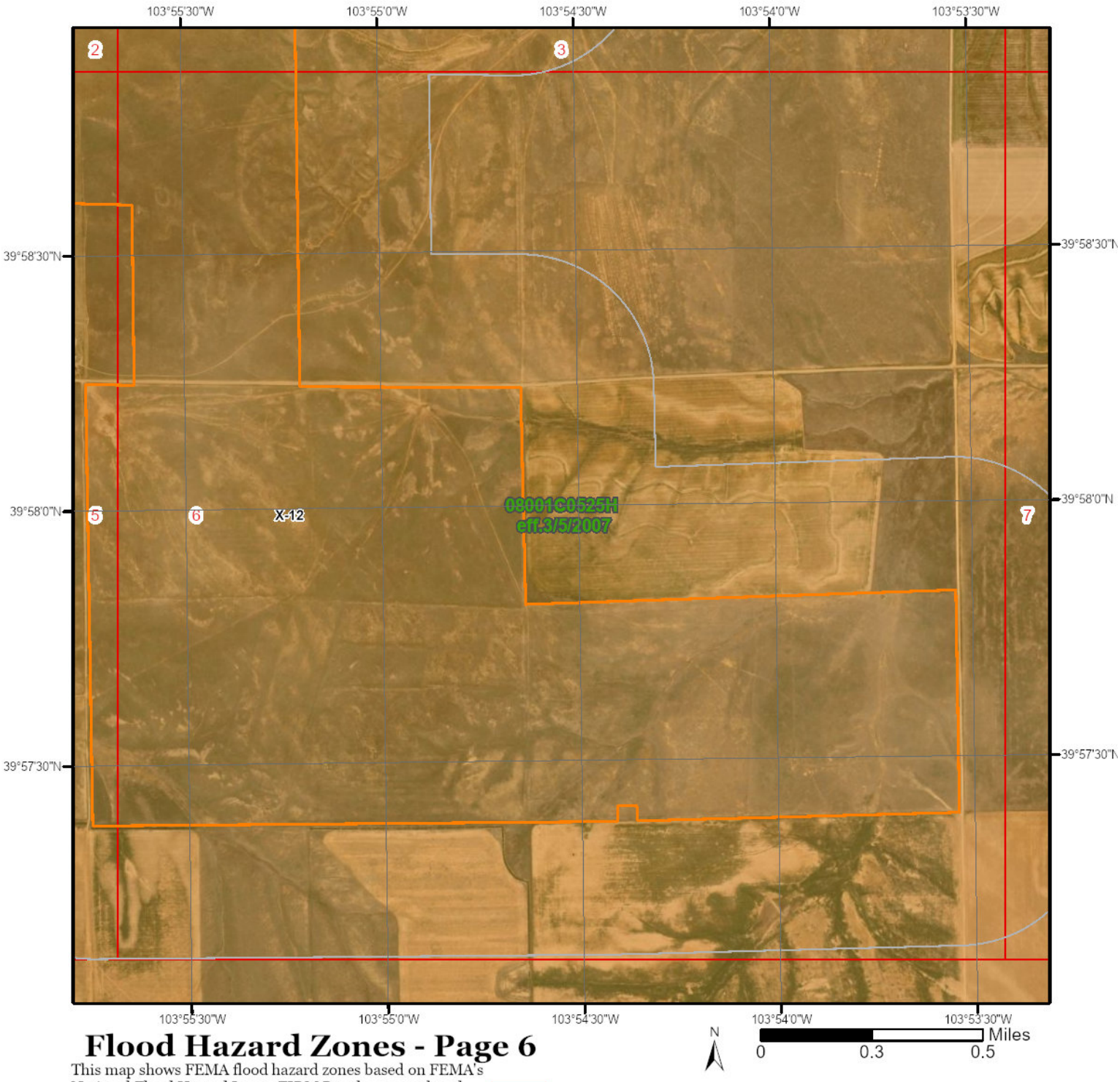
Flood Hazard Zones - Page 5

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s):

Hydrologic Information



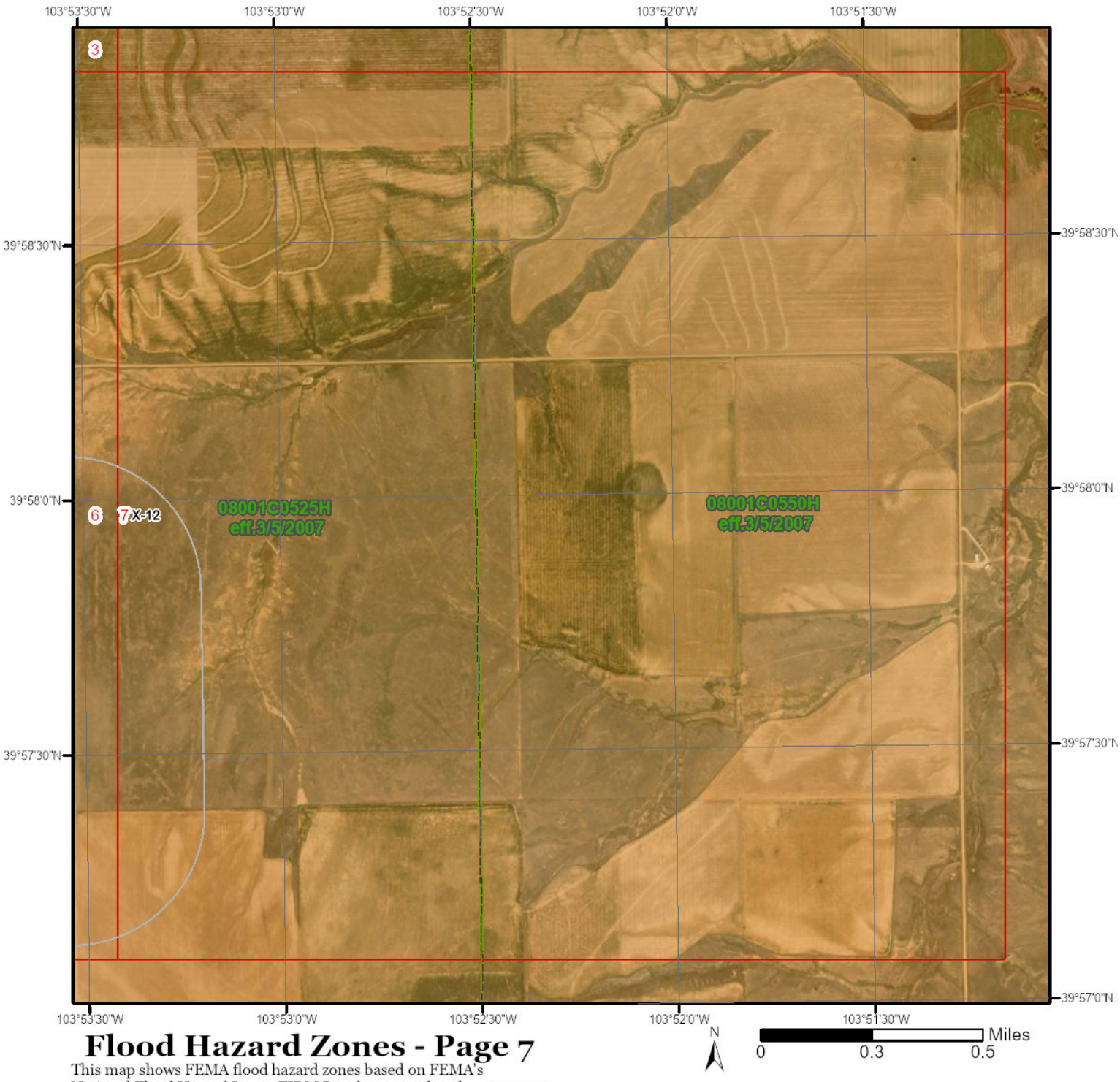
Flood Hazard Zones - Page 6

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s):

Hydrologic Information



Flood Hazard Zones - Page 7

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s):

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	08087C0775D(effective:2018-04-04) 08001C0525H(effective:2007-03-05) 08001C0500H(effective:2007-03-05) 08001C0225H(effective:2007-03-05)

Flood Zone A-01

Zone:	A
Zone subtype:	

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front al dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

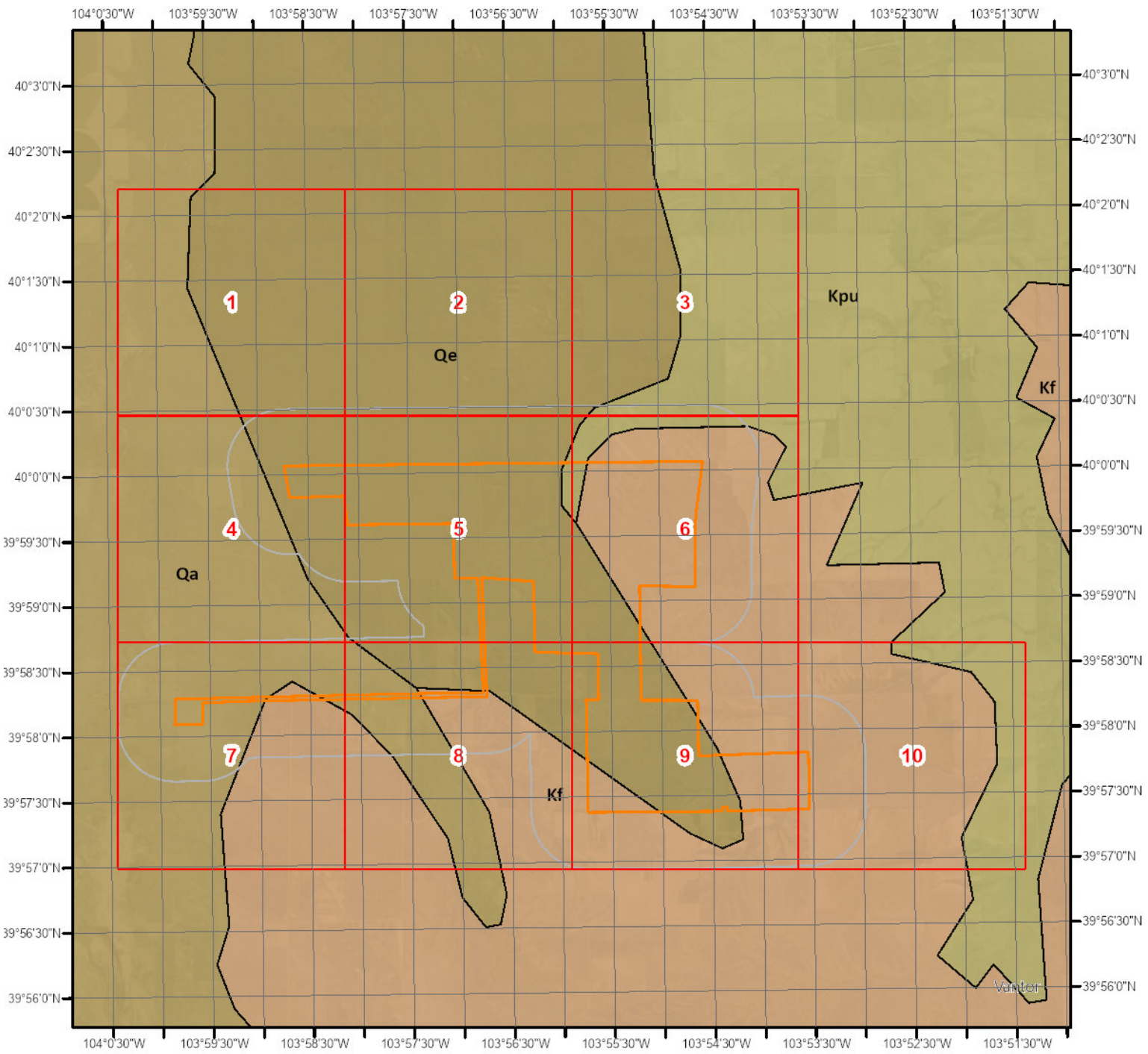
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



Geologic Units

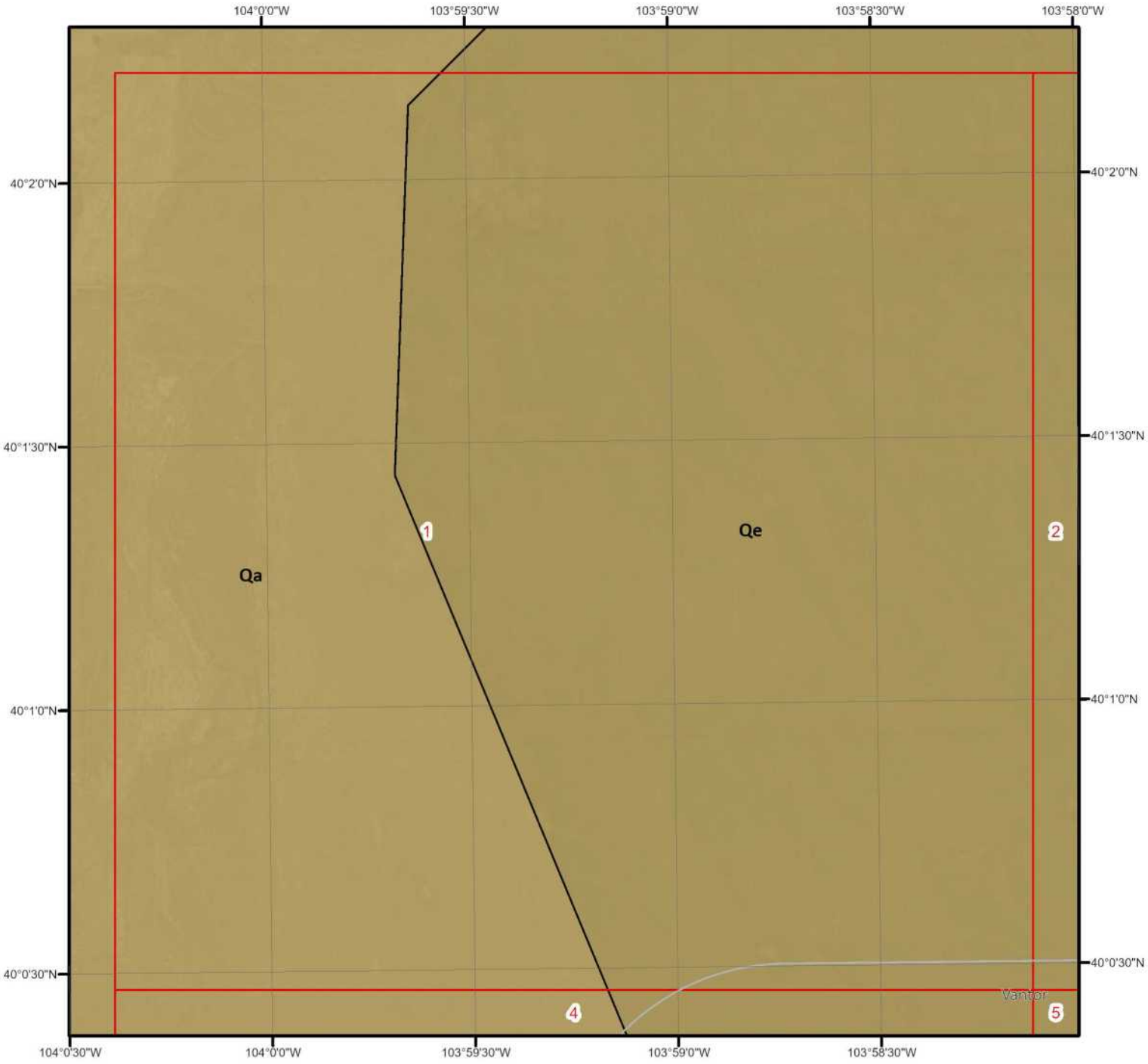
This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

N

0 1 2 Miles

ERIS

Geologic Information

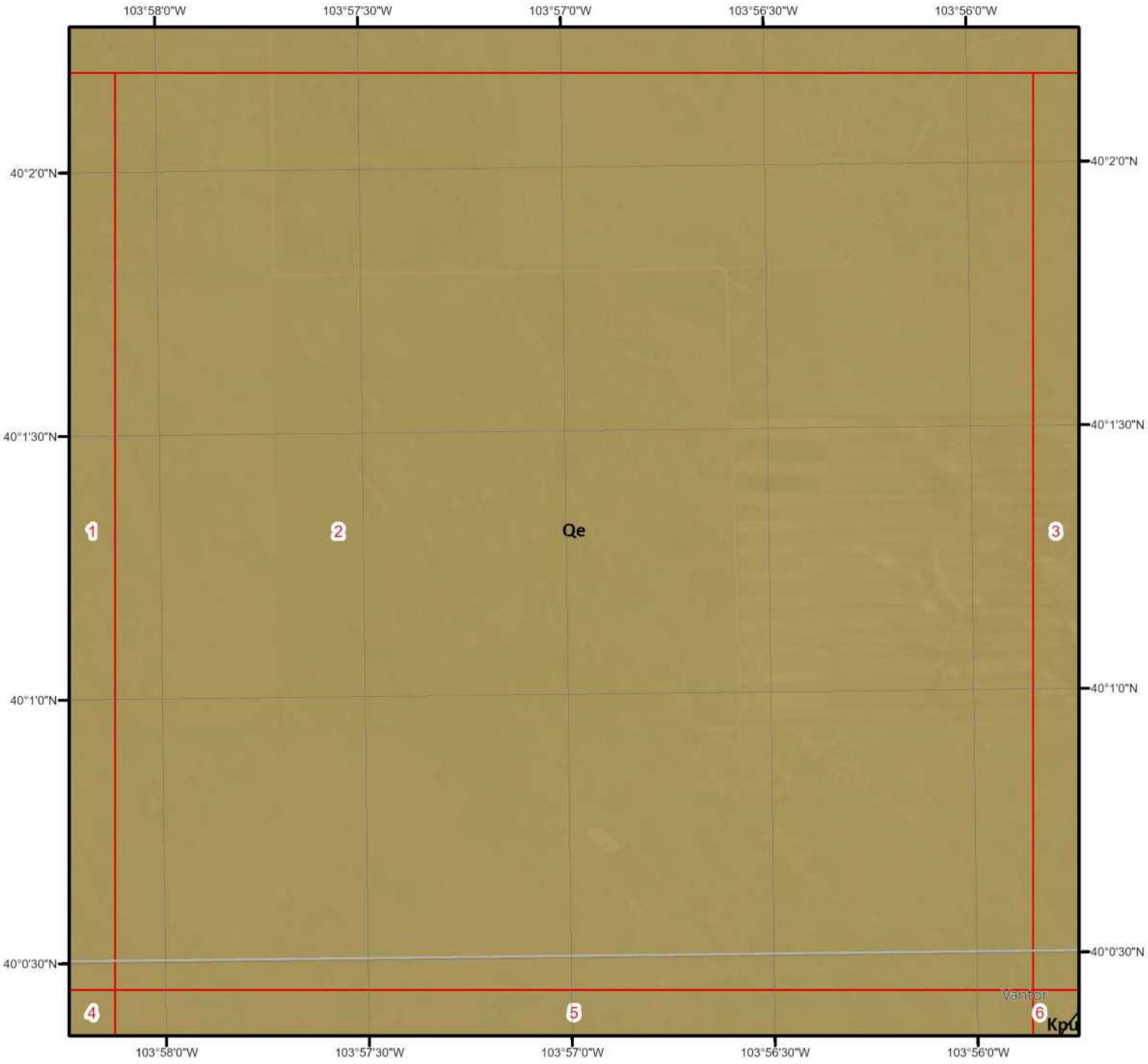


Geologic Units - Page 1

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information



Geologic Units - Page 2

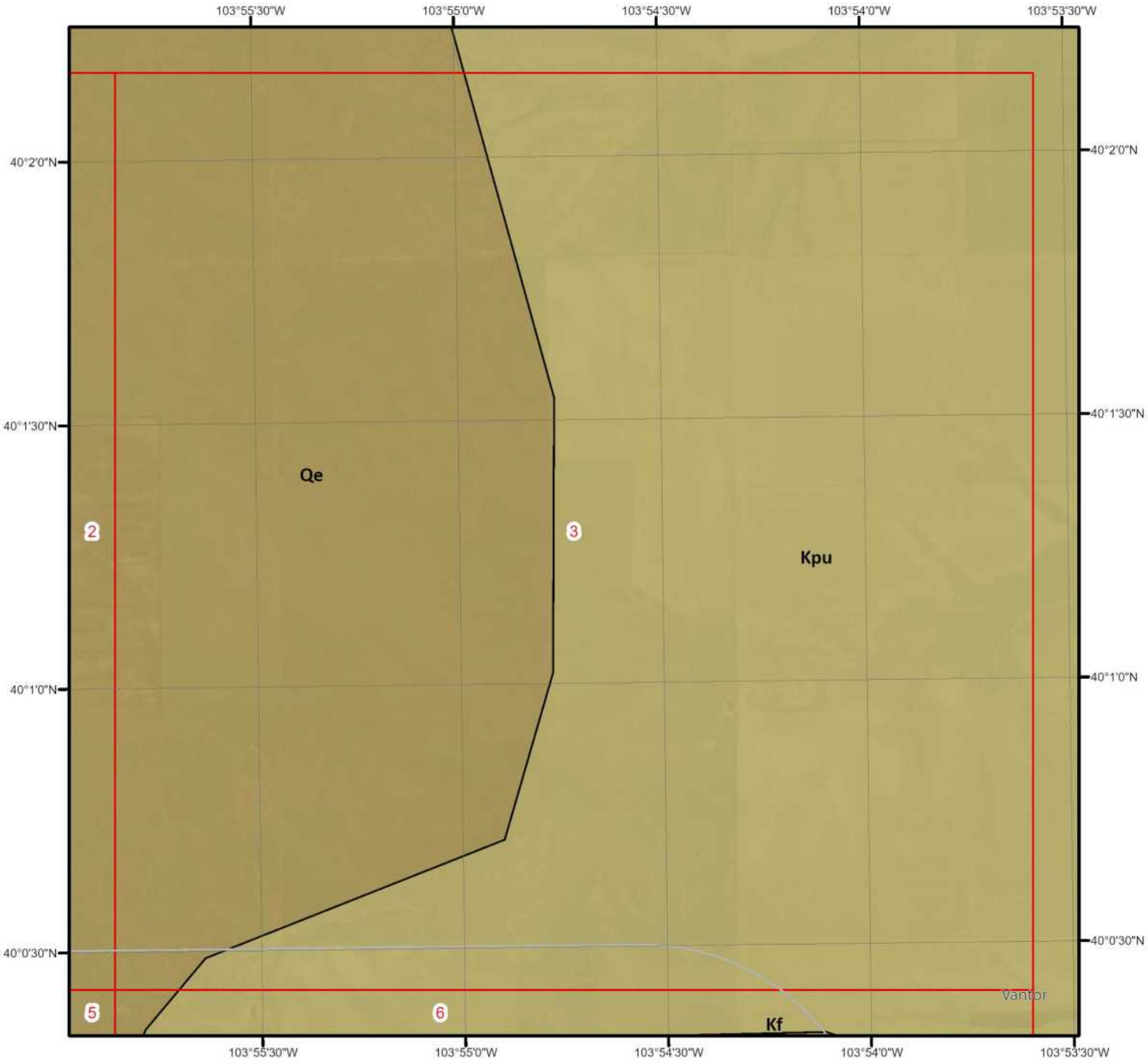
This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

N

0 0.3 0.5 Miles

ERIS

Geologic Information



Geologic Units - Page 3

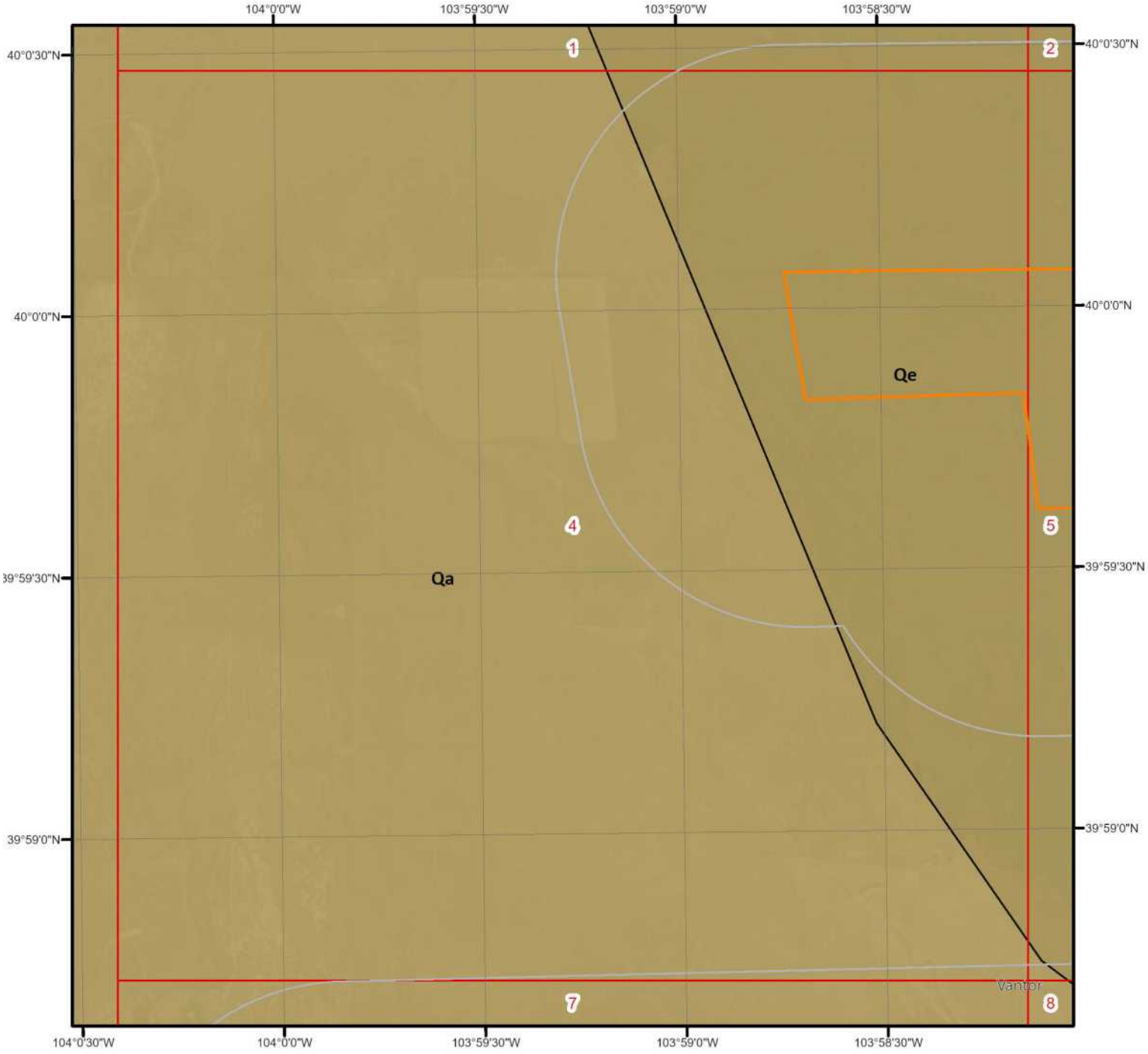
N

0 0.3 0.5 Miles

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information



Geologic Units - Page 4

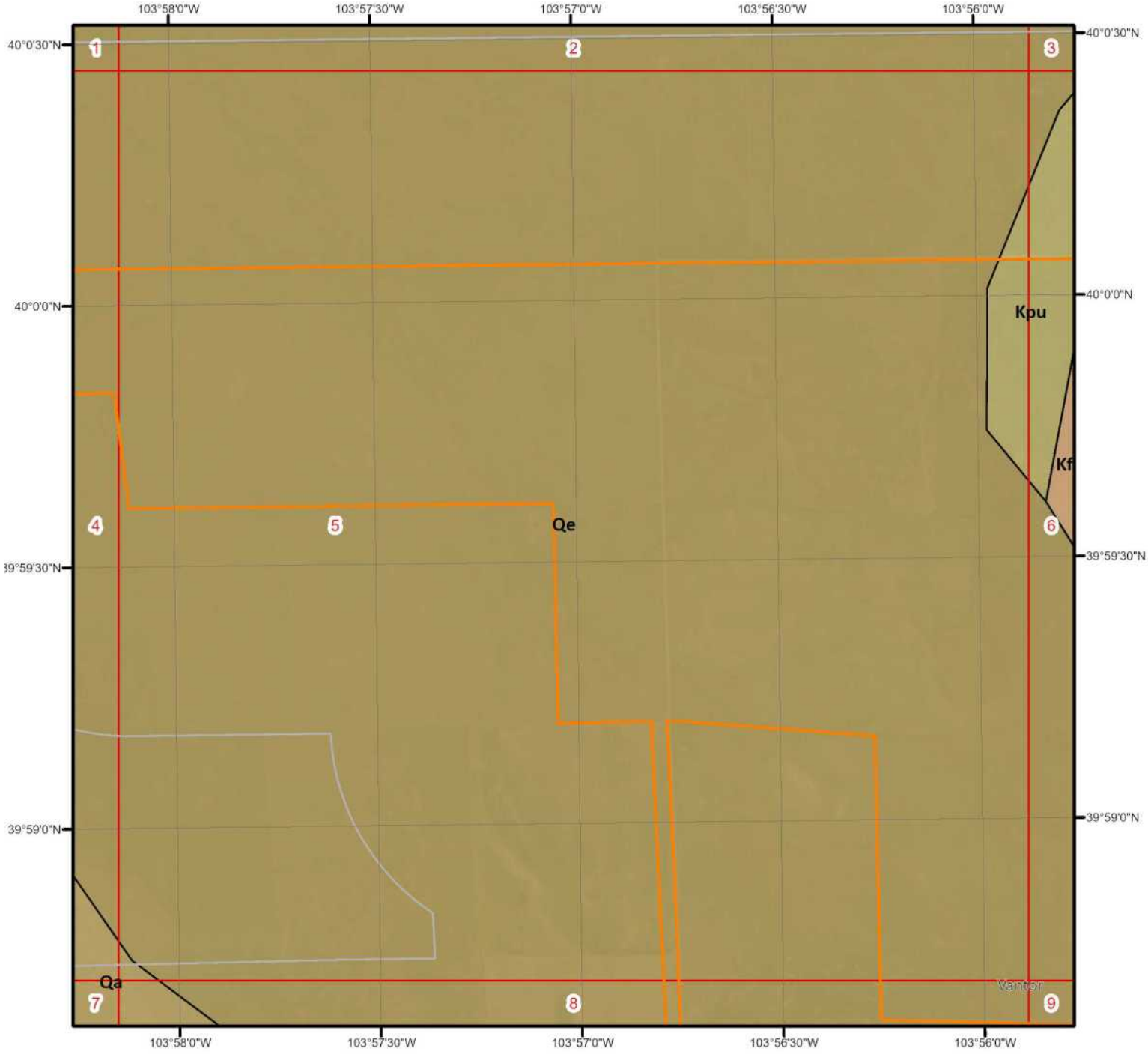
N

0 0.3 0.5 Miles

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information



Geologic Units - Page 5

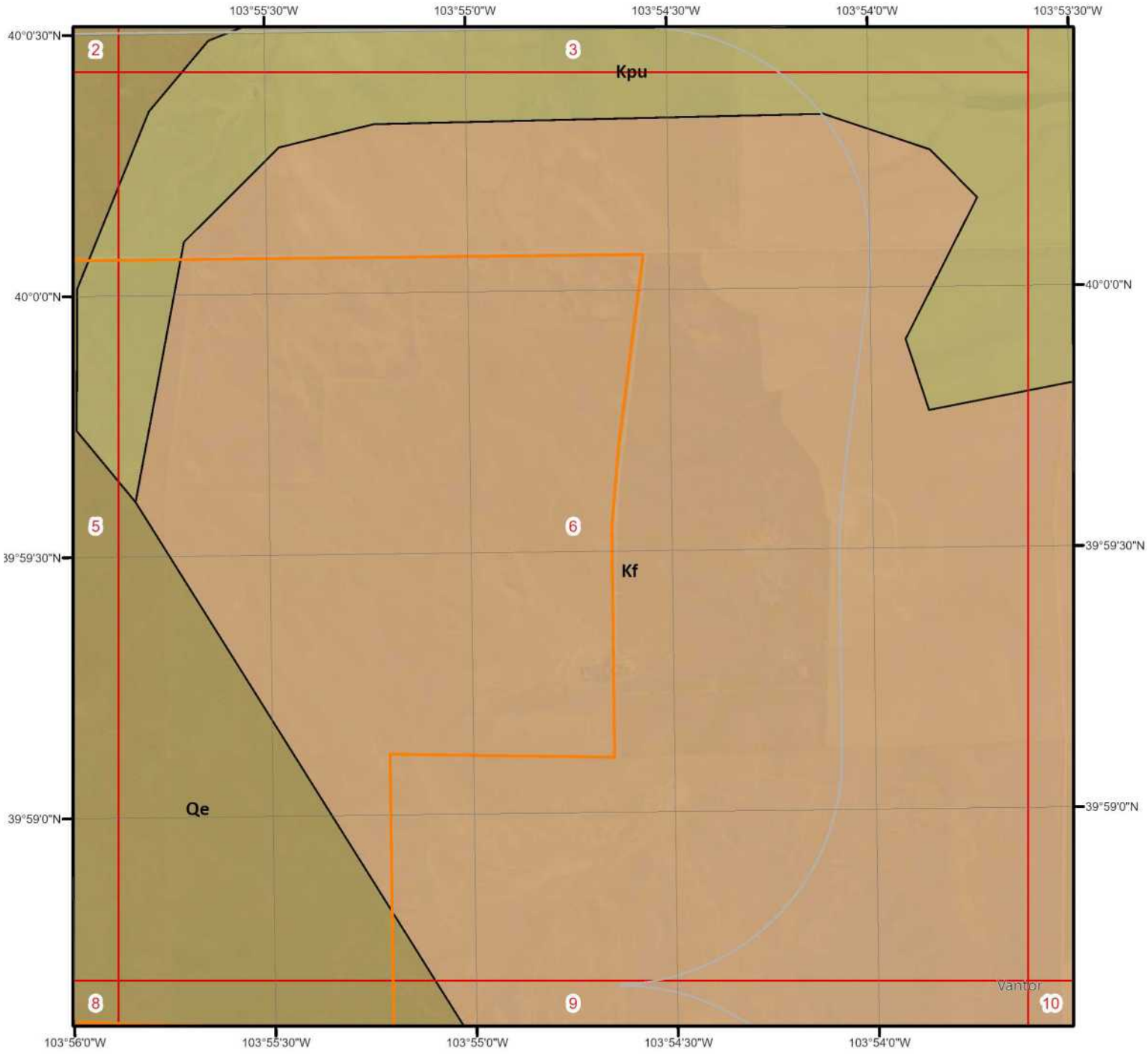
N

0 0.3 0.5 Miles

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information



Geologic Units - Page 6

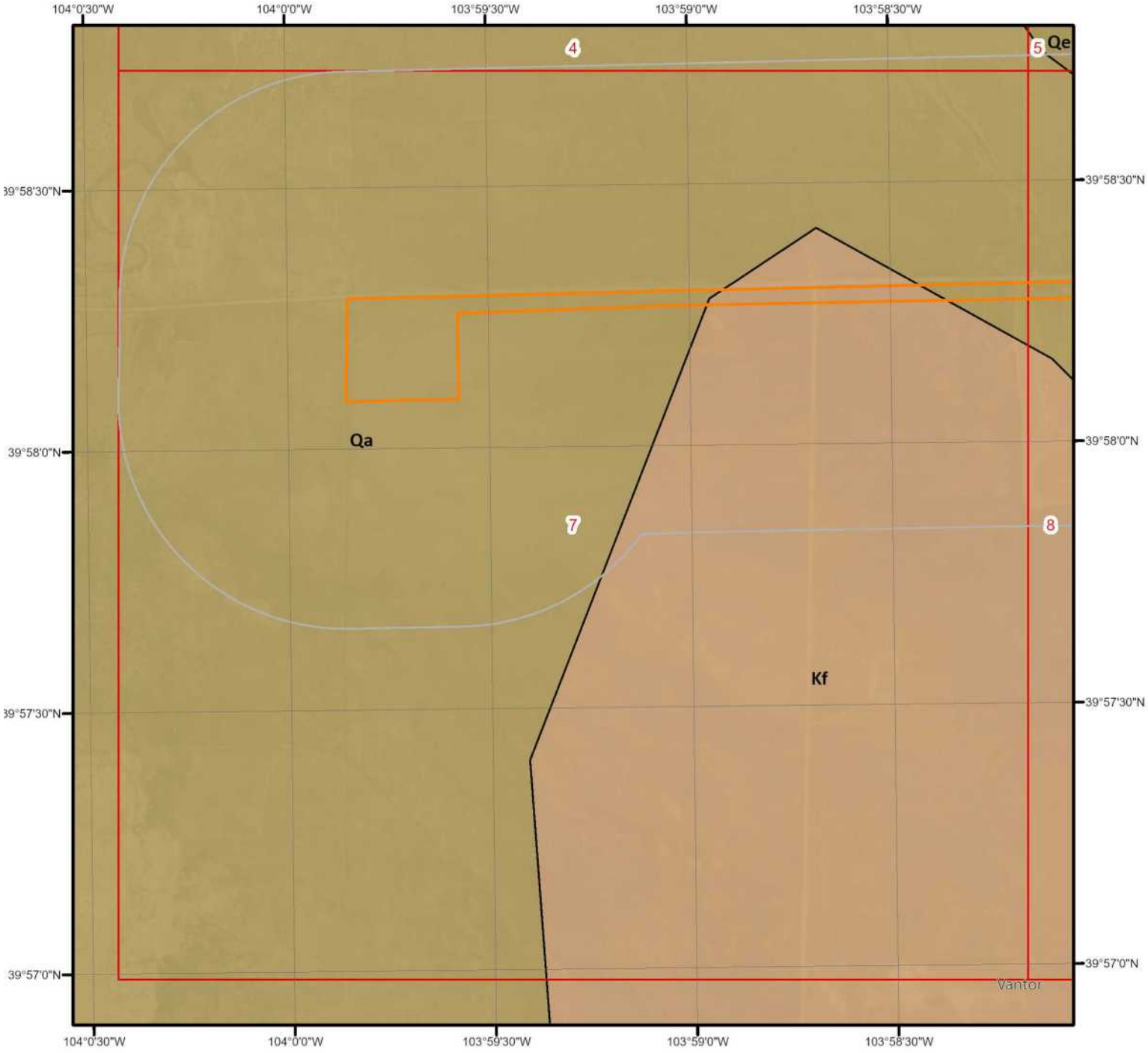
N

0 0.3 0.5 Miles

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information



Geologic Units - Page 7

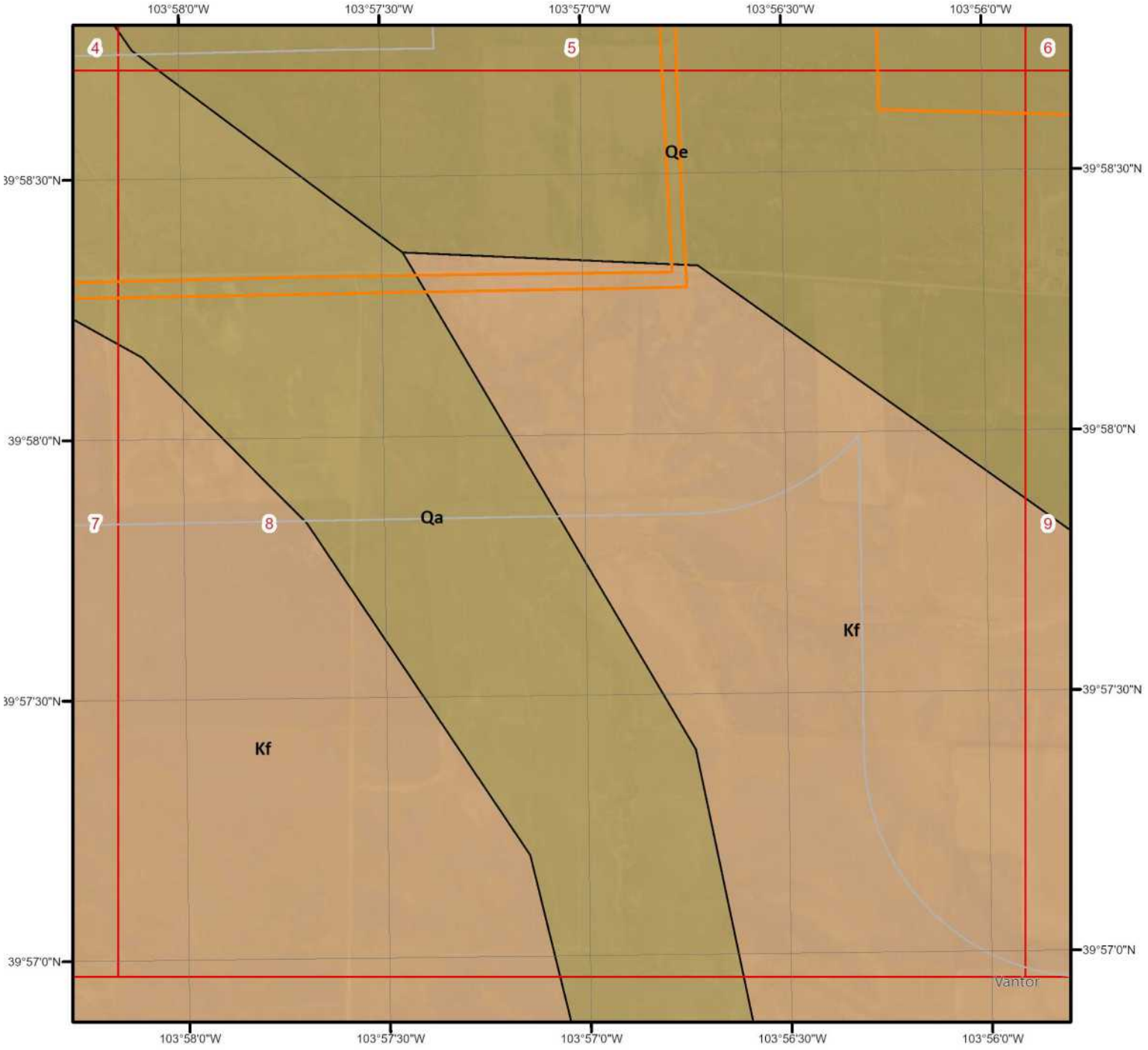
N

0 0.3 0.5 Miles

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information



Geologic Units - Page 8

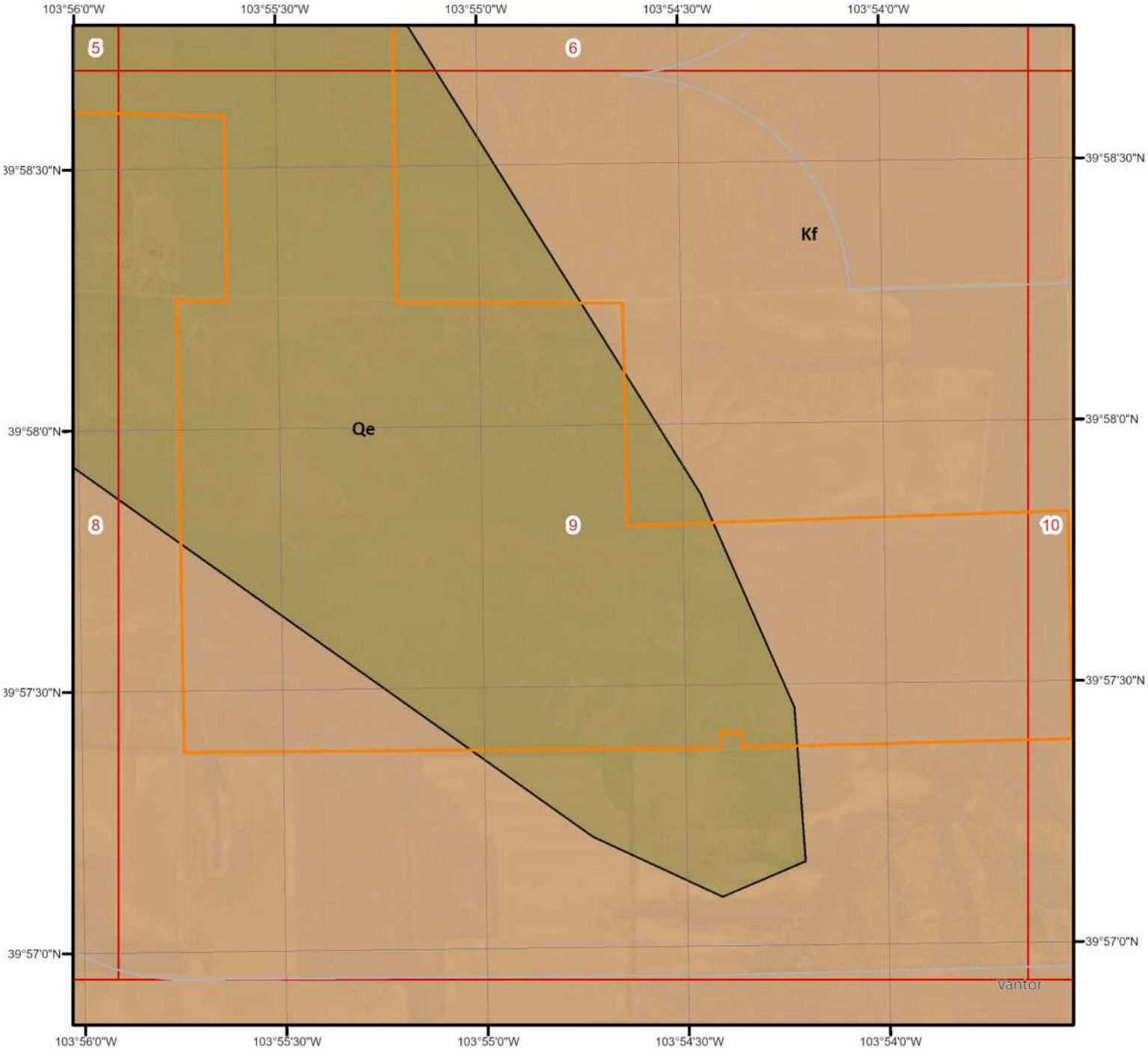
N

0 0.3 0.5 Miles

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information



Geologic Units - Page 9

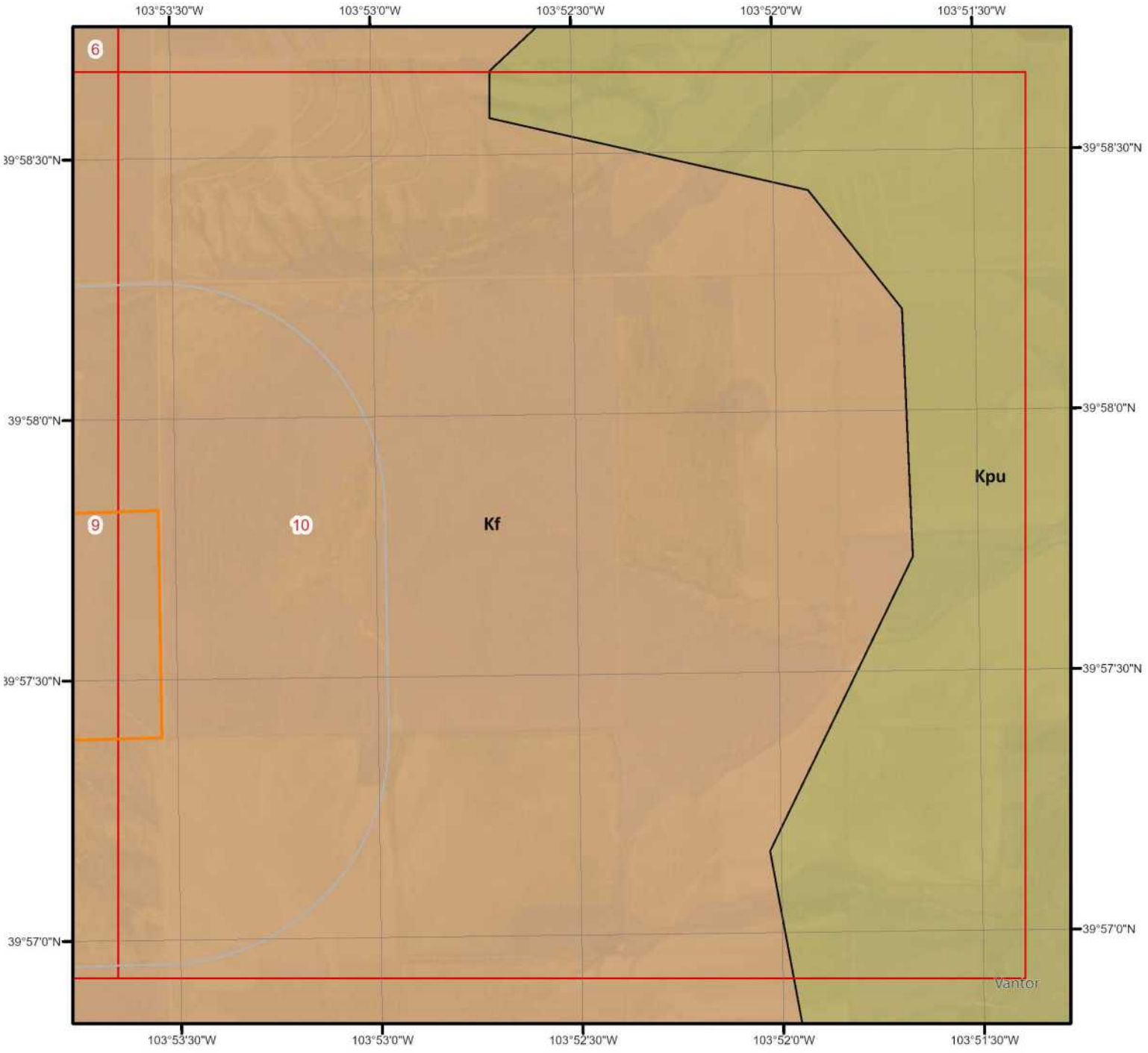
N

0 0.3 0.5 Miles

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information



Geologic Units - Page 10

N

0 0.3 0.5 Miles

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Kf

Unit Name:	Fox Hills Sandstone
Unit Age:	Cretaceous
Primary Rock Type:	Sandstone
Secondary Rock Type:	
Unit Description:	Fox Hills Sandstone

Geologic Unit Kpu

Unit Name:	Pierre Shale--Upper unit
Unit Age:	Cretaceous
Primary Rock Type:	Shale
Secondary Rock Type:	
Unit Description:	Pierre Shale--Upper unit

Geologic Unit Qa

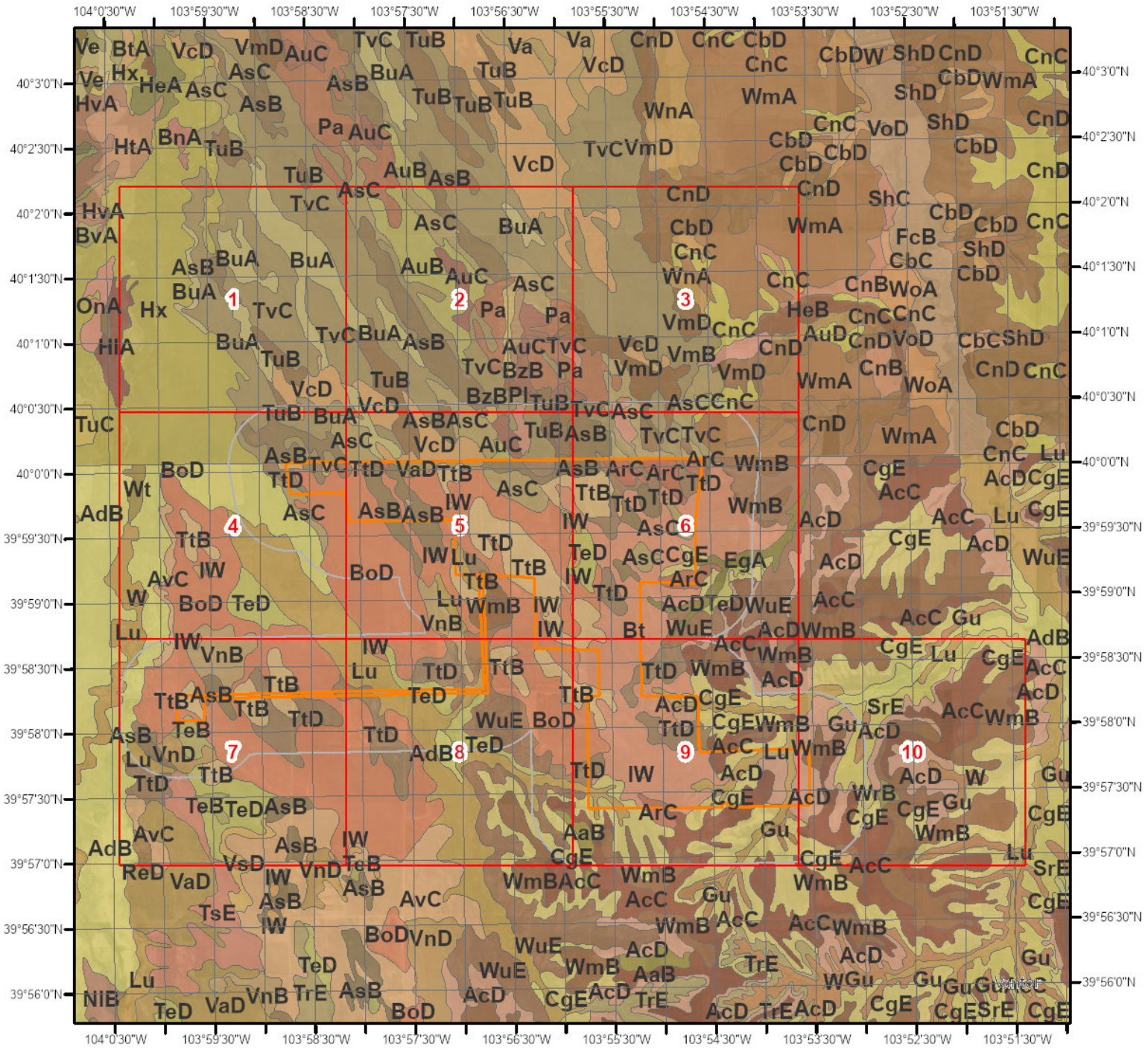
Unit Name:	Modern alluvium
Unit Age:	Quaternary
Primary Rock Type:	Unconsolidated
Secondary Rock Type:	
Unit Description:	Includes Piney Creek Alluvium and younger deposits

---

Geologic Unit Qe

Unit Name:	Eolian deposits
Unit Age:	Quaternary
Primary Rock Type:	Sand
Secondary Rock Type:	Silt
Unit Description:	Includes dune sand and silt and Peoria Loess

Soil Information



SSURGO Soils

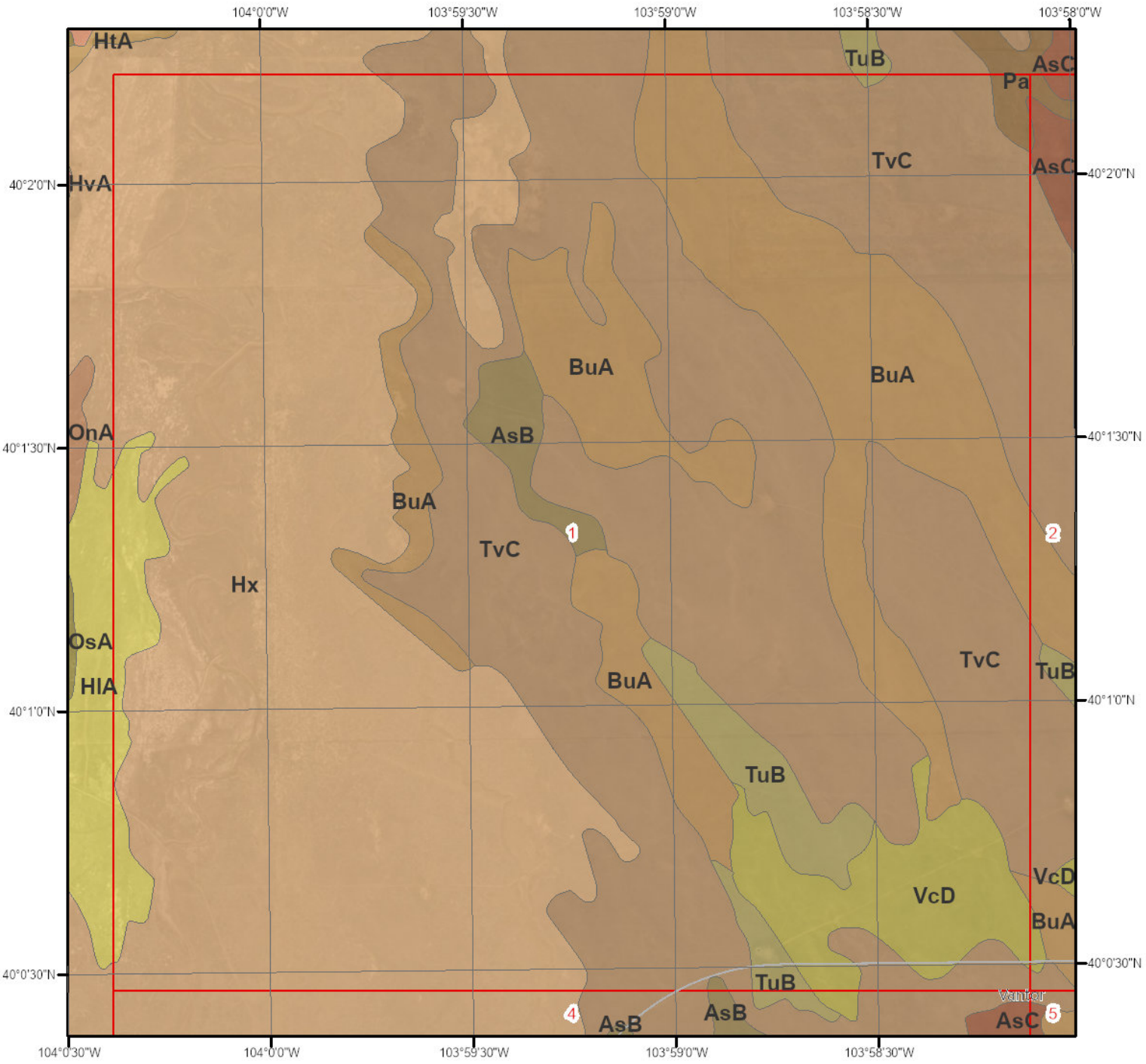
N

0 1 2 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 1

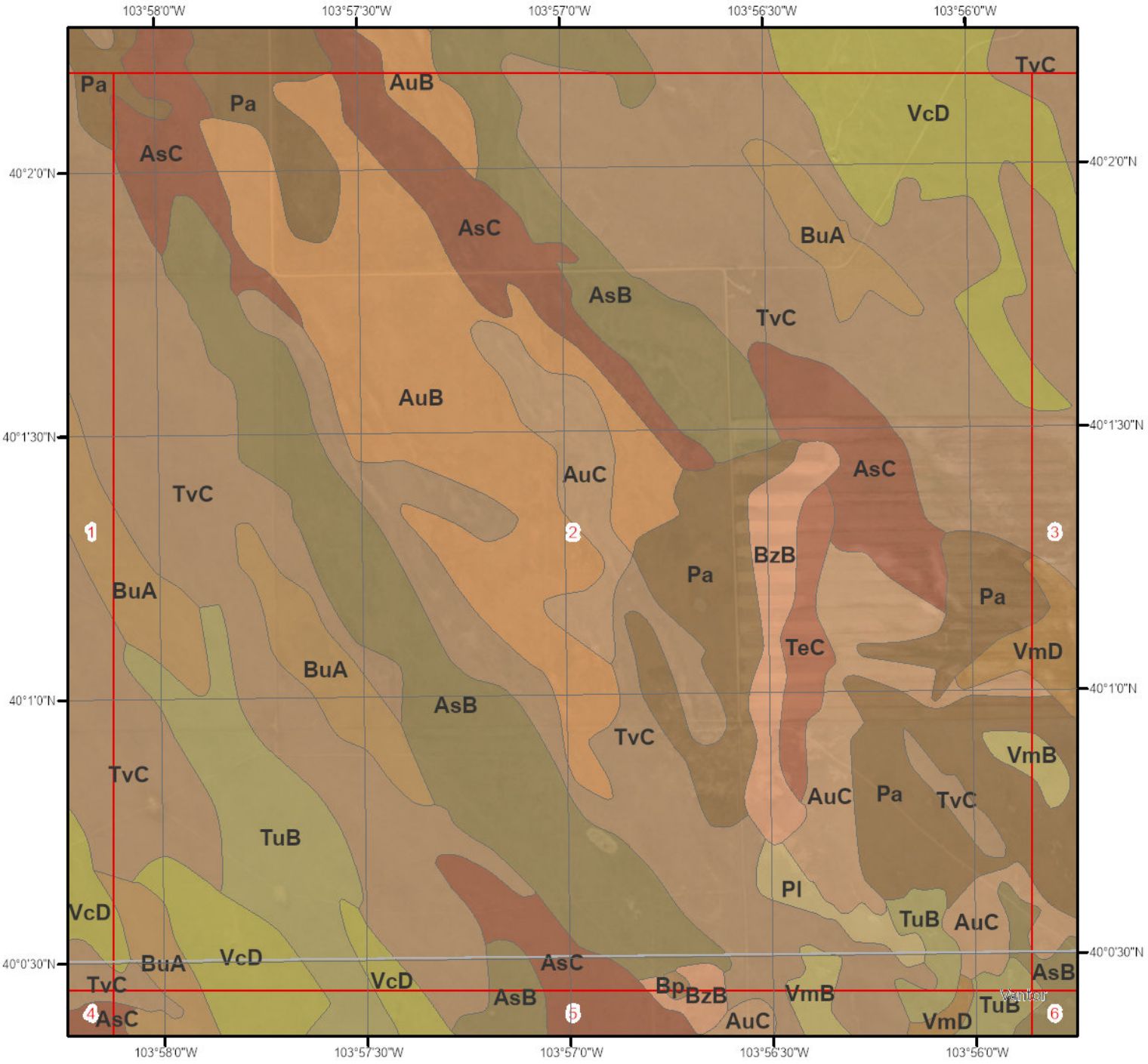
N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 2

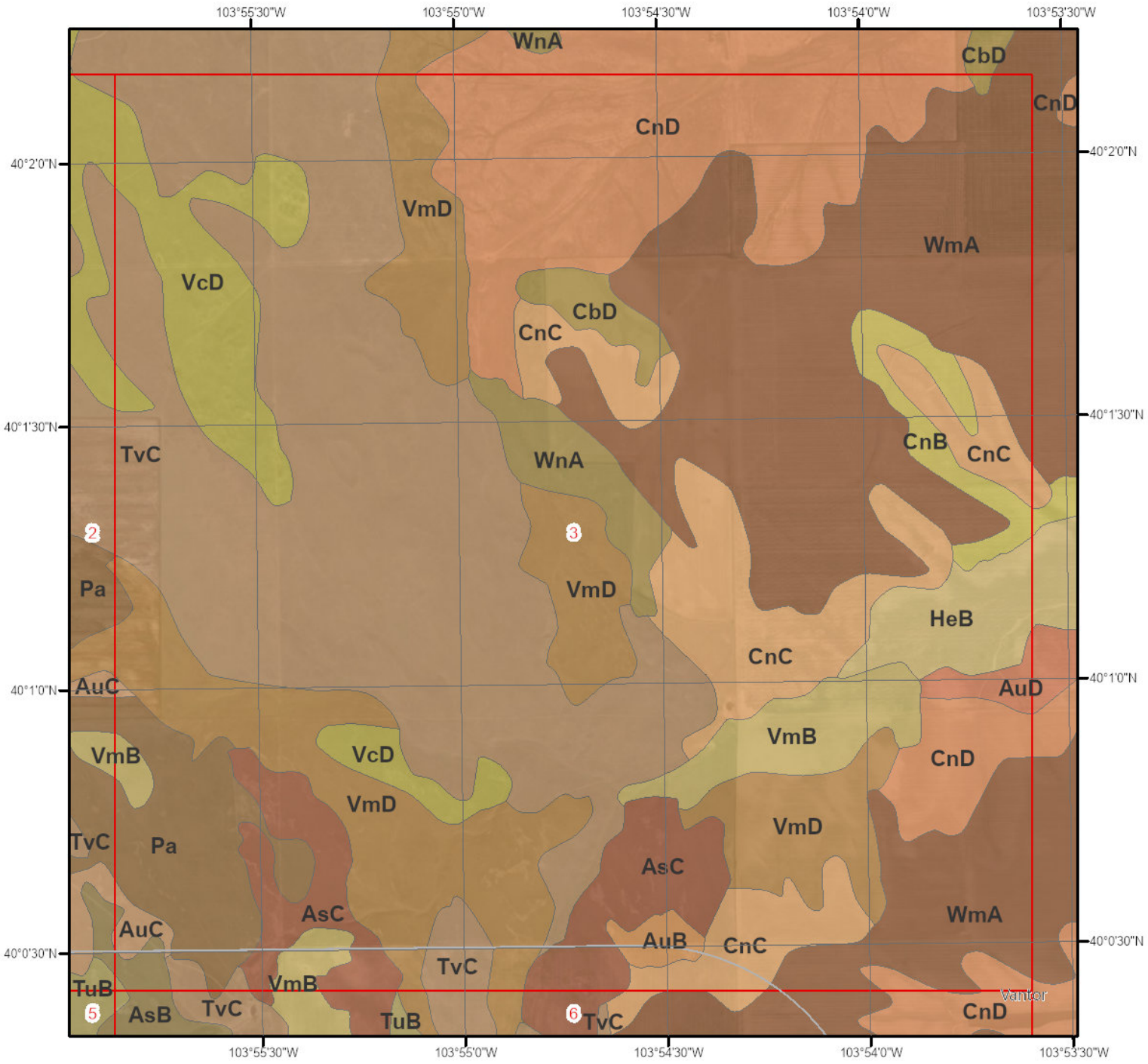
N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 3

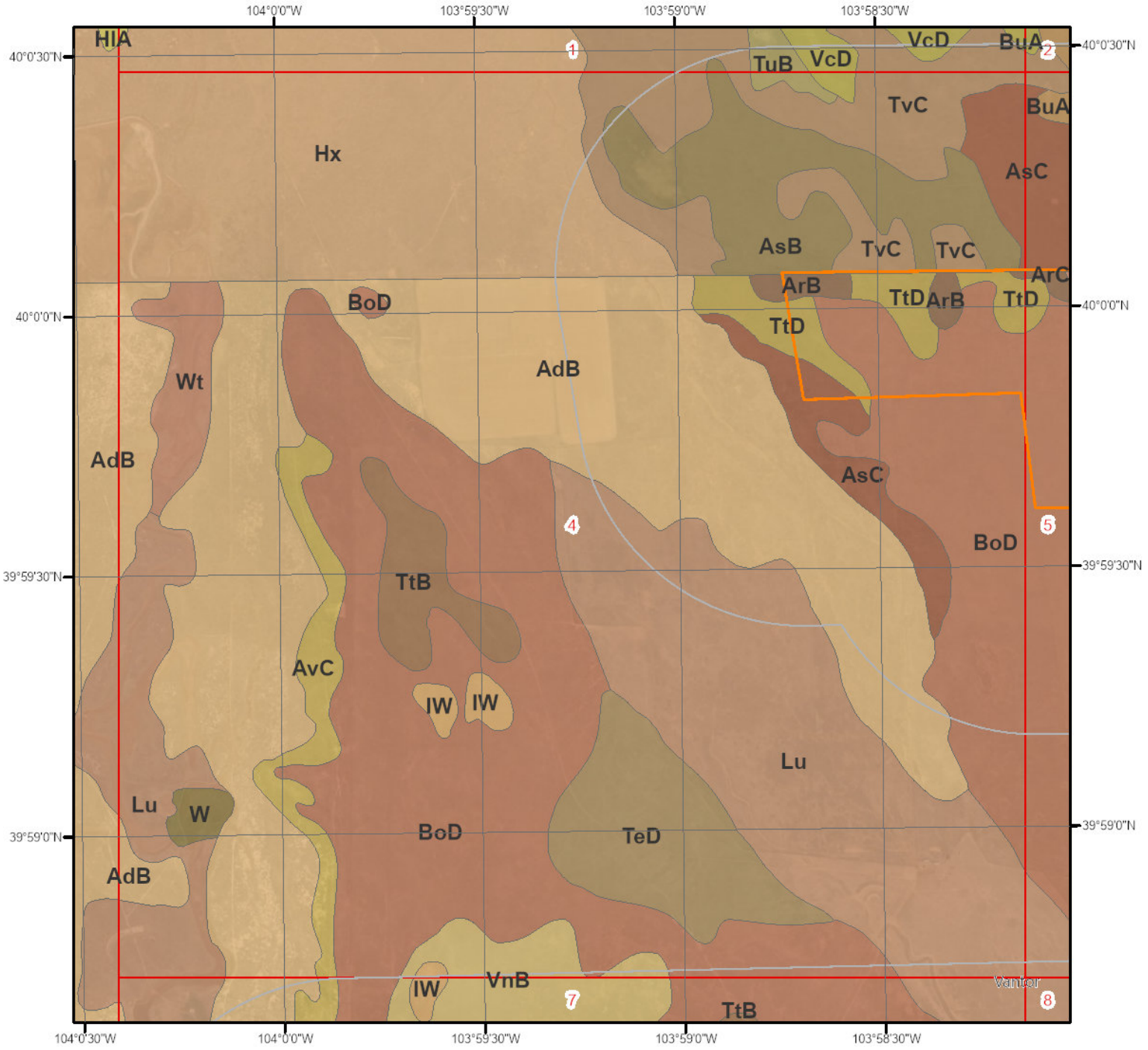
N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 4

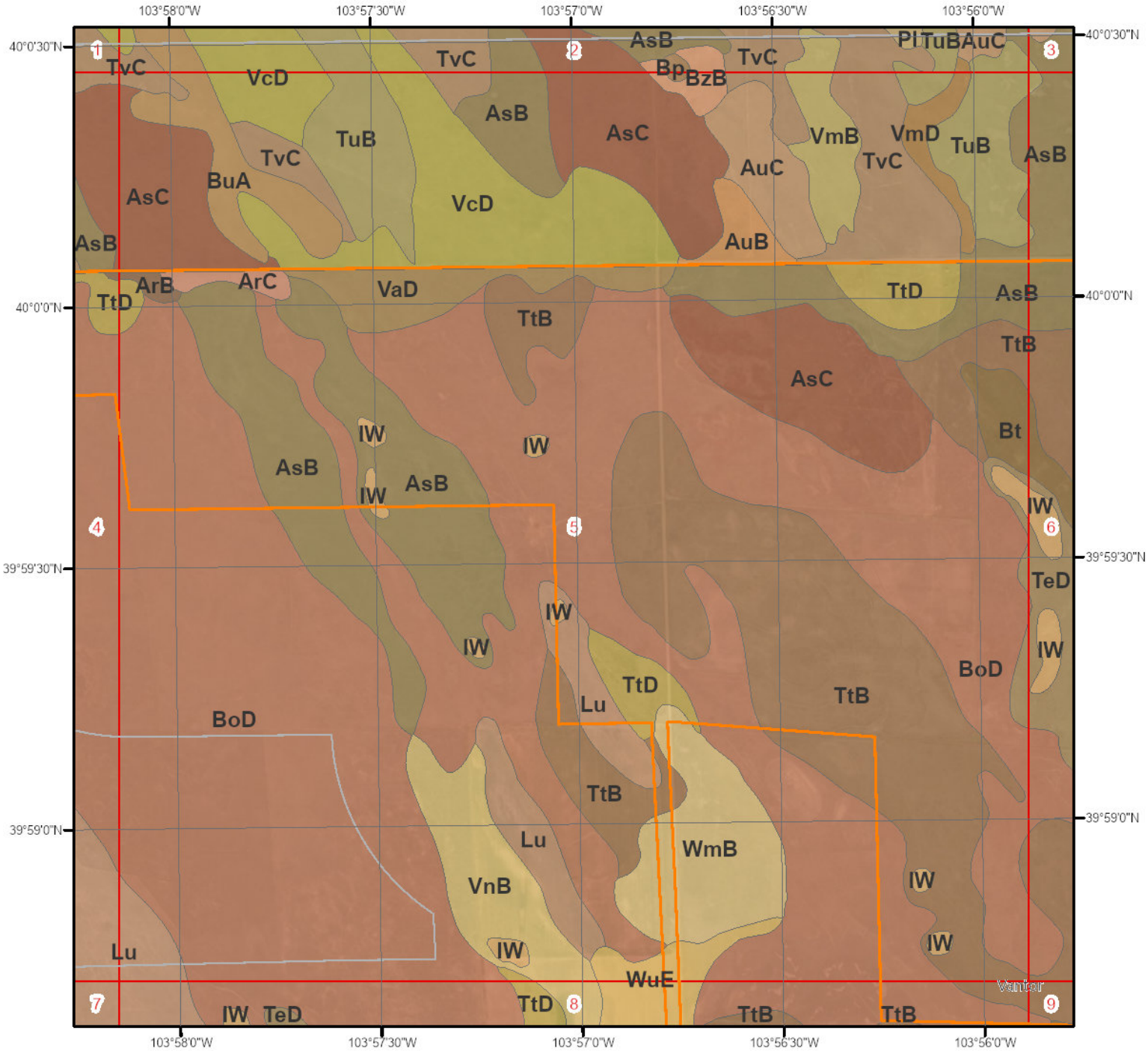
N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 5

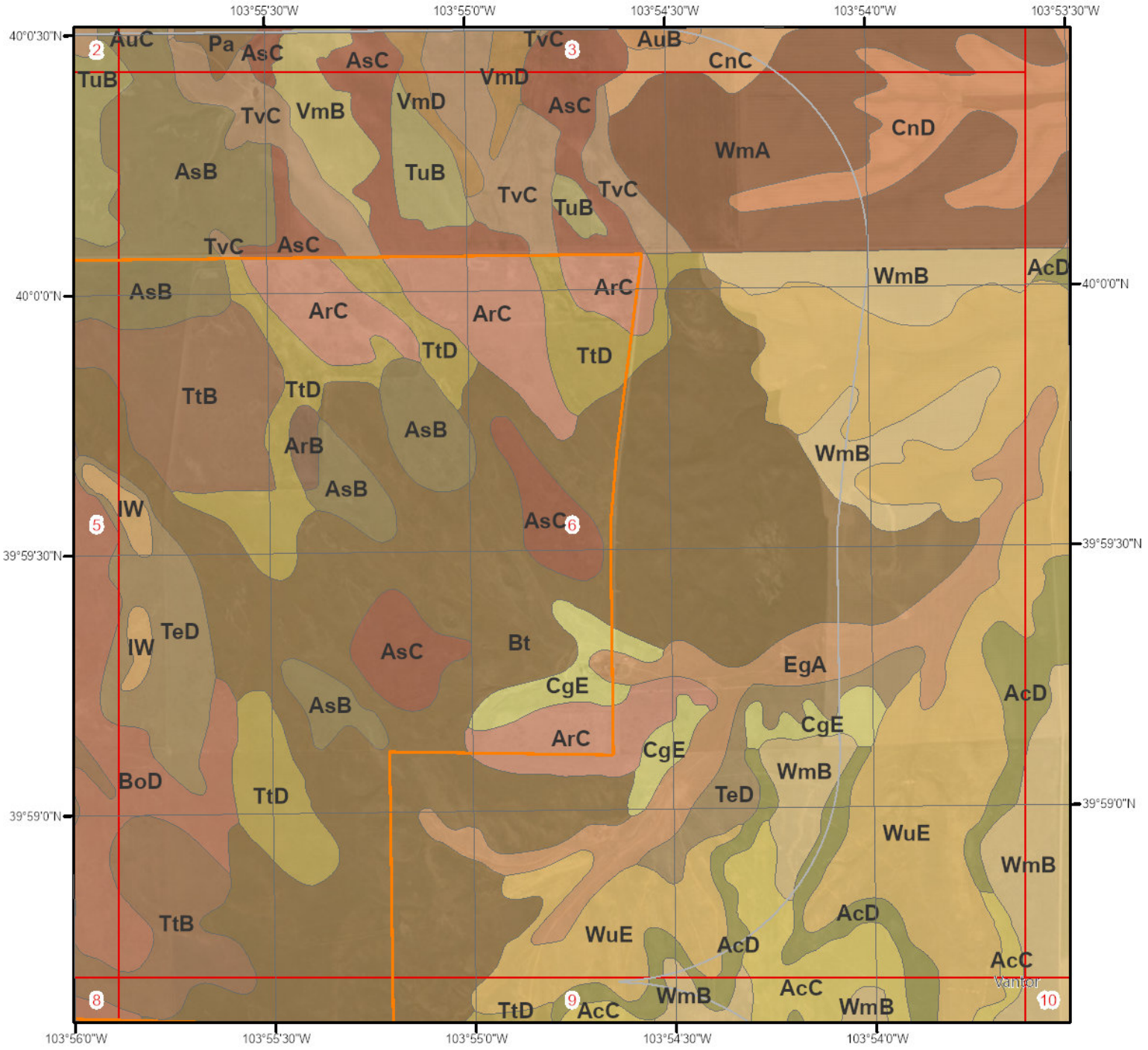
N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 6

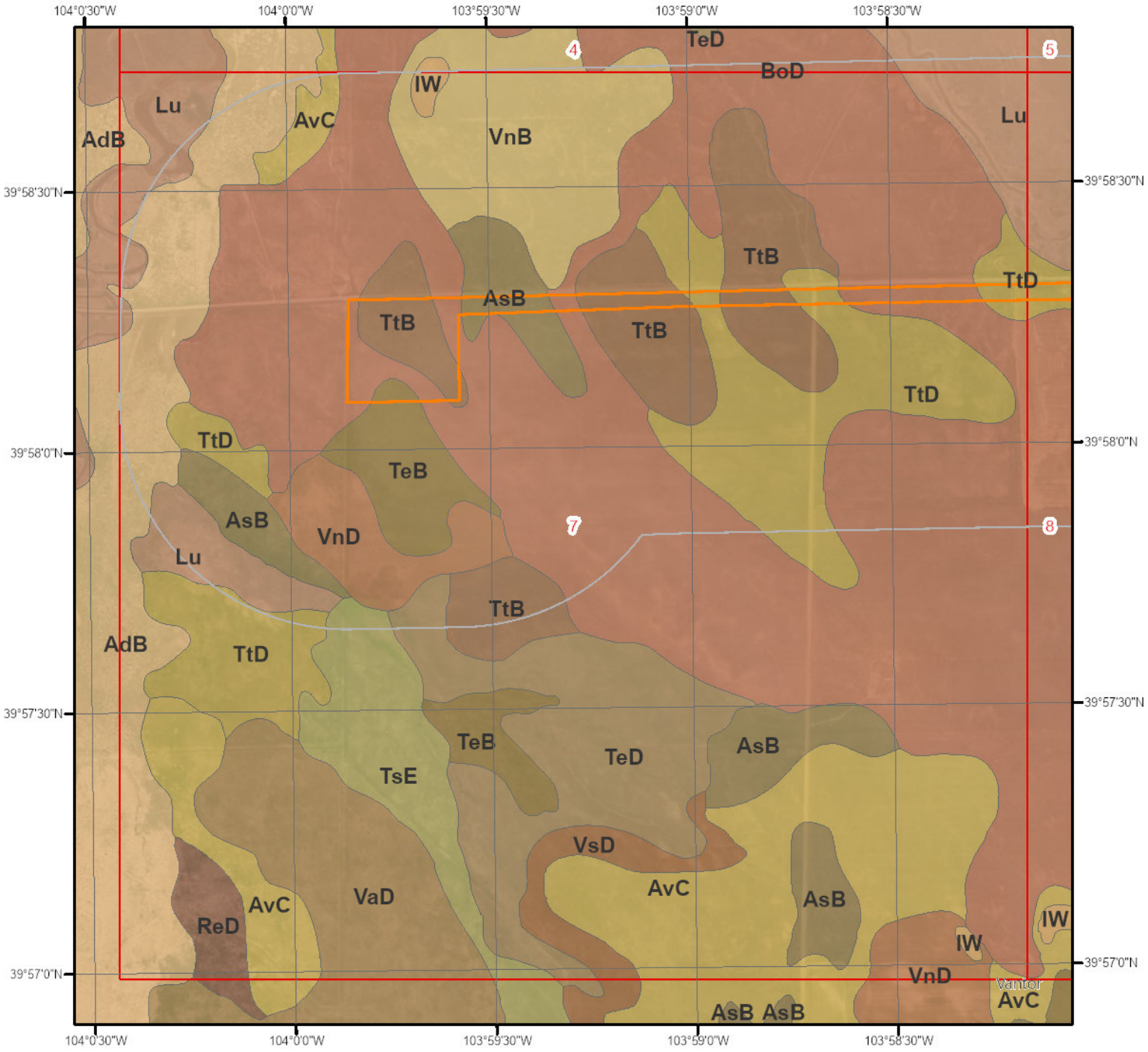
N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 7

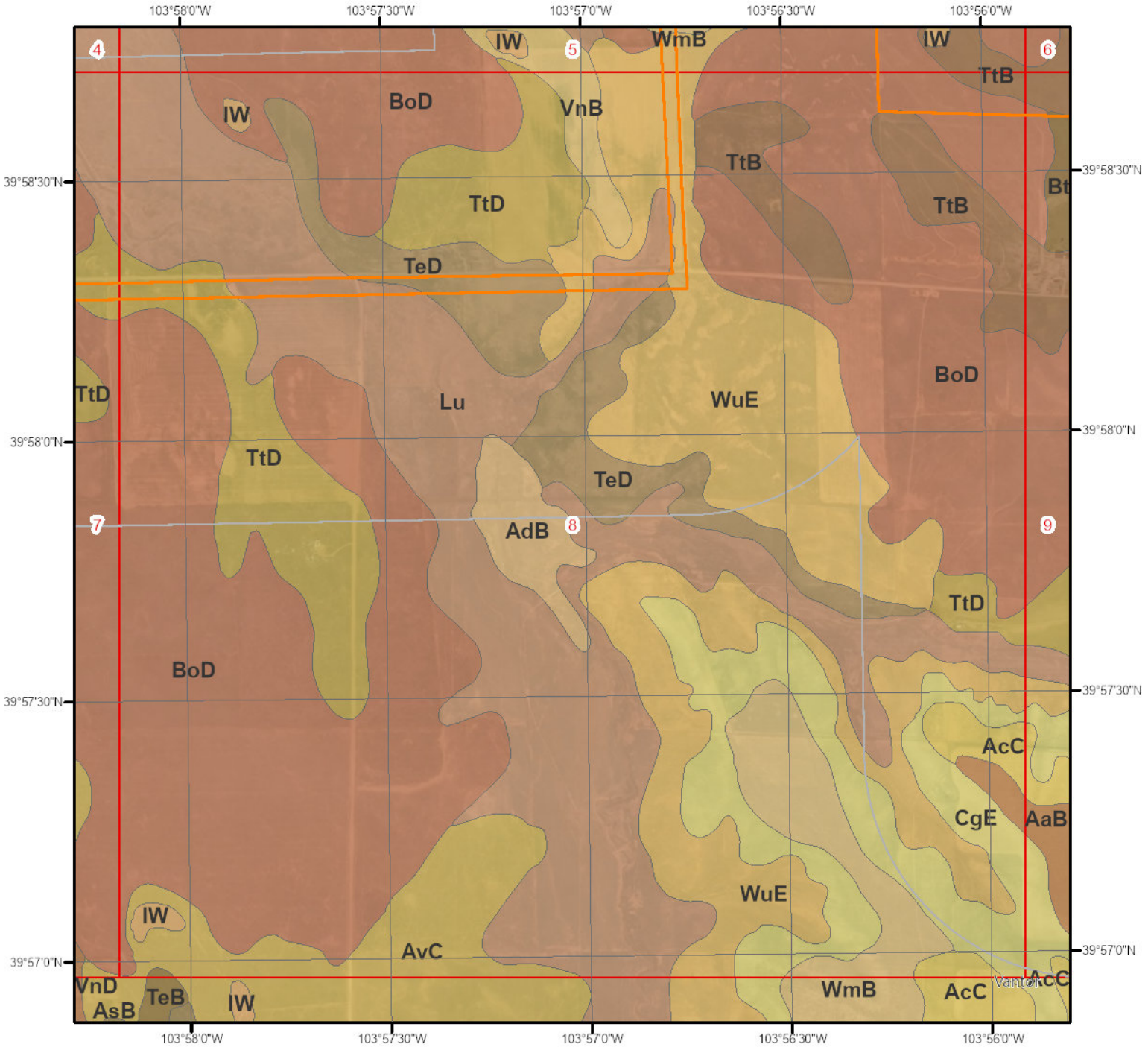
N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 8

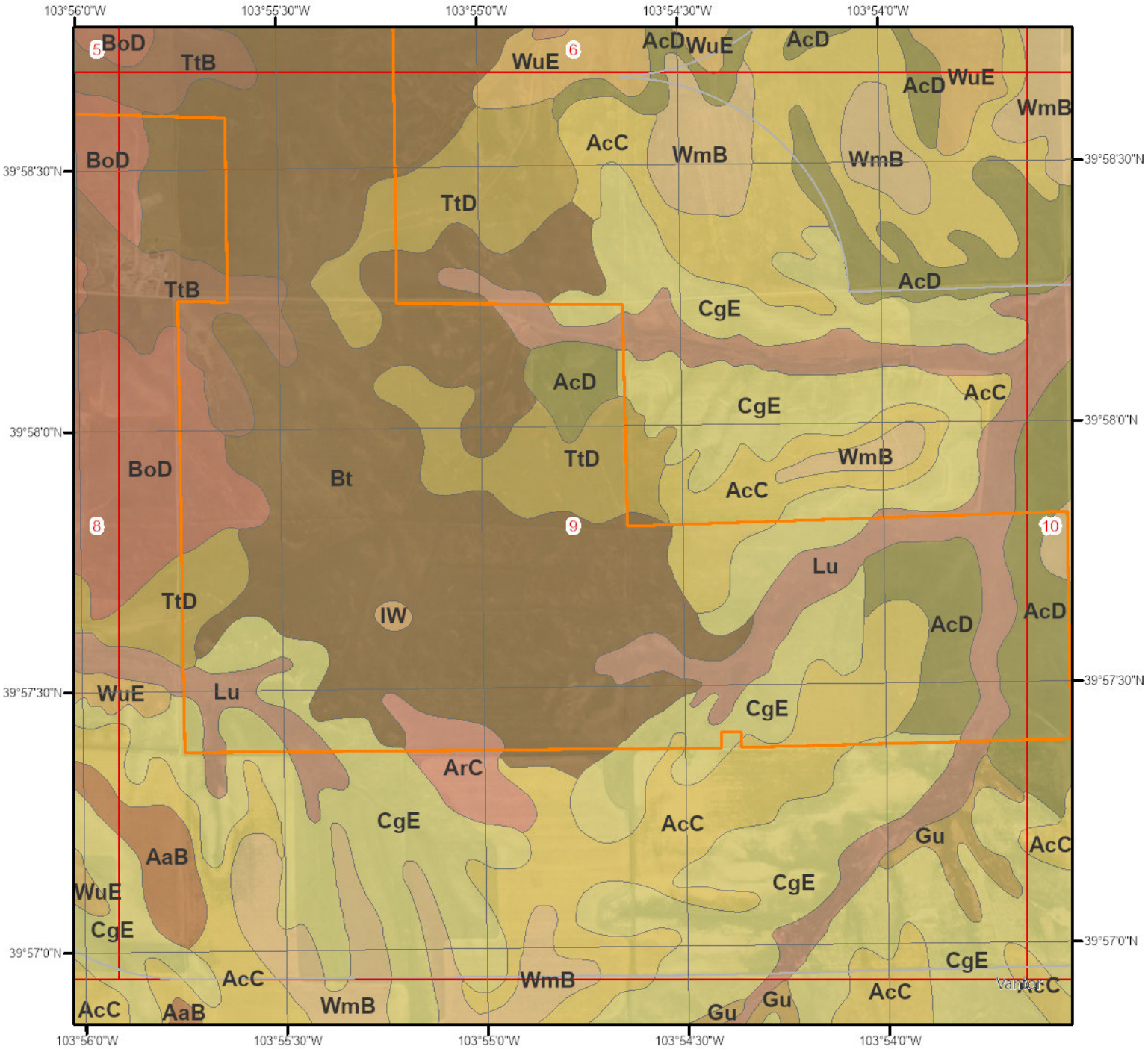
N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 9

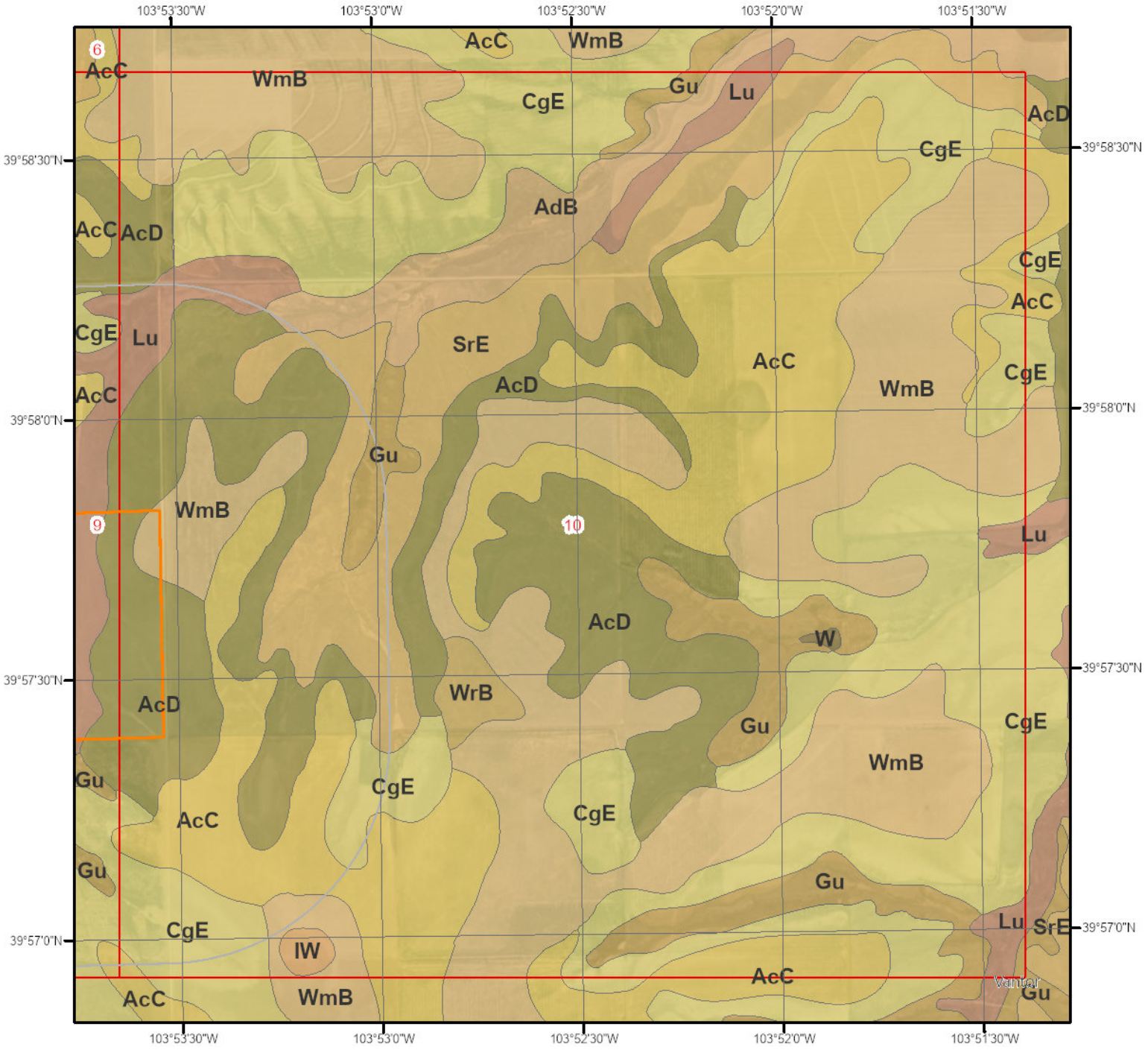
N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information



SSURGO Soils - Page 10

N

0 0.3 0.5 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit AaB (0.28%)

Map Unit Name:	Adena loam, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Adena(87%)

horizon H1(0cm to 10cm)	Loam
horizon H2(10cm to 56cm)	Silty clay loam
horizon H3(56cm to 152cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AaB - Adena loam, 0 to 3 percent slopes

Component: Adena (87%)
The Adena component makes up 87 percent of the map unit. Slopes are 0 to 3 percent. This component is on plains. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Weld (13%)
Generated brief soil descriptions are created for major soil components. The Weld soil is a minor component.

Map Unit AcC (4.09%)

Map Unit Name:	Adena-Colby association, gently sloping
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Adena(40%)

horizon H1(0cm to 10cm)	Loam
horizon H2(10cm to 56cm)	Silty clay loam
horizon H3(56cm to 152cm)	Silt loam

Colby(30%)

horizon H1(0cm to 13cm)	Loam
horizon H2(13cm to 142cm)	Loam
horizon H3(142cm to 152cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AcC - Adena-Colby association, gently sloping

Component: Adena (40%)
The Adena component makes up 40 percent of the map unit. Slopes are 3 to 5 percent. This component is on plains. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Colby (30%)
The Colby component makes up 30 percent of the map unit. Slopes are 3 to 5 percent. This component is on plains. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Wiley (25%)
Generated brief soil descriptions are created for major soil components. The Wiley soil is a minor component.

Component: Platner (3%)
Generated brief soil descriptions are created for major soil components. The Platner soil is a minor component.

Component: Weld (2%)
Generated brief soil descriptions are created for major soil components. The Weld soil is a minor component.

Map Unit AcD (2.89%)

Map Unit Name:	Adena-Colby association, moderately sloping
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Adena(35%)	
horizon H1(0cm to 10cm)	Loam
horizon H2(10cm to 56cm)	Silty clay loam
horizon H3(56cm to 152cm)	Silt loam
Colby(30%)	
horizon H1(0cm to 13cm)	Loam
horizon H2(13cm to 142cm)	Loam
horizon H3(142cm to 152cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AcD - Adena-Colby association, moderately sloping

Component: Adena (35%)
The Adena component makes up 35 percent of the map unit. Slopes are 3 to 8 percent. This component is on plains. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water

saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Colby (30%)
The Colby component makes up 30 percent of the map unit. Slopes are 5 to 9 percent. This component is on plains. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Wiley (25%)
Generated brief soil descriptions are created for major soil components. The Wiley soil is a minor component.

Component: Loamy alluvial land (10%)
Generated brief soil descriptions are created for major soil components. The Loamy alluvial land soil is a minor component.

Map Unit AdB (2.8%)

Map Unit Name:	Arvada loam, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Arvada(80%)

horizon H1(0cm to 5cm)	Loam
horizon H2(5cm to 10cm)	Sandy loam
horizon H3(10cm to 38cm)	Clay
horizon H4(38cm to 71cm)	Sandy clay
horizon H5(71cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AdB - Arvada loam, 0 to 3 percent slopes

Component: Arvada (80%)
The Arvada component makes up 80 percent of the map unit. Slopes are 0 to 3 percent. This component is on terraces. The parent material consists of alluvium derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067XY033CO Salt Flat ecological site. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. The soil has a moderately saline horizon within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 23 within 30 inches of the soil surface.

Component: Nunn (20%)
Generated brief soil descriptions are created for major soil components. The Nunn soil is a minor component.

Map Unit ArB (0.2%)

Map Unit Name:	Ascalon loamy sand, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	

Soil Information

Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Ascalon(80%)

horizon Ap(0cm to 18cm)	Loamy sand
horizon Bt1(18cm to 33cm)	Sandy clay loam
horizon Bt2(33cm to 46cm)	Sandy clay loam
horizon Bk(46cm to 122cm)	Sandy clay loam
horizon C(122cm to 203cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: ArB - Ascalon loamy sand, 0 to 3 percent slopes

Component: Ascalon (80%)
The Ascalon component makes up 80 percent of the map unit. Slopes are 0 to 3 percent. This component is on narrow to broad, flat interfluves on plains. The parent material consists of wind-reworked alluvium and/or calcareous sandy eolian deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent.

Component: Vona (12%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Component: Haxtun (8%)
Generated brief soil descriptions are created for major soil components. The Haxtun soil is a minor component.

Map Unit ArC (1.62%)

Map Unit Name:	Ascalon loamy sand, 3 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Ascalon(80%)

horizon Ap(0cm to 15cm)	Loamy sand
horizon Bt(15cm to 38cm)	Sandy clay loam
horizon Btk(38cm to 69cm)	Sandy clay loam
horizon Bk(69cm to 86cm)	Sandy clay loam
horizon C(86cm to 203cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: ArC - Ascalon loamy sand, 3 to 5 percent slopes

Component: Ascalon (80%)
The Ascalon component makes up 80 percent of the map unit. Slopes are 3 to 5 percent. This component is on narrow to broad, flat interfluves, dissected plains. The parent material consists of wind-reworked alluvium and/or calcareous sandy eolian deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This

soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Stoneham (10%)
Generated brief soil descriptions are created for major soil components. The Stoneham soil is a minor component.

Component: Vona (10%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Map Unit AsB (5.35%)

Map Unit Name:	Ascalon loamy sand, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Ascalon(80%)

horizon Ap(0cm to 18cm)	Loamy sand
horizon Bt1(18cm to 33cm)	Sandy clay loam
horizon Bt2(33cm to 46cm)	Sandy clay loam
horizon Bk(46cm to 122cm)	Sandy clay loam
horizon C(122cm to 203cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AsB - Ascalon loamy sand, 0 to 3 percent slopes

Component: Ascalon (80%)
The Ascalon component makes up 80 percent of the map unit. Slopes are 0 to 3 percent. This component is on narrow to broad, flat interfluves on plains. The parent material consists of wind-reworked alluvium and/or calcareous sandy eolian deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent.

Component: Vona (12%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Component: Haxtun (8%)
Generated brief soil descriptions are created for major soil components. The Haxtun soil is a minor component.

Map Unit AsC (3.69%)

Map Unit Name:	Ascalon loamy sand, 3 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Ascalon(80%)

horizon Ap(0cm to 15cm)	Loamy sand
horizon Bt(15cm to 38cm)	Sandy clay loam
horizon Btk(38cm to 69cm)	Sandy clay loam
horizon Bk(69cm to 86cm)	Sandy clay loam
horizon C(86cm to 203cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AsC - Ascalon loamy sand, 3 to 5 percent slopes

Component: Ascalon (80%)
The Ascalon component makes up 80 percent of the map unit. Slopes are 3 to 5 percent. This component is on narrow to broad, flat interfluves, dissected plains. The parent material consists of wind-reworked alluvium and/or calcareous sandy eolian deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Stoneham (10%)
Generated brief soil descriptions are created for major soil components. The Stoneham soil is a minor component.

Component: Vona (10%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Map Unit AuB (0.16%)

Map Unit Name:	Ascalon sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Ascalon(85%)

horizon Ap(0cm to 15cm)	Sandy loam
horizon Bt1(15cm to 30cm)	Sandy clay loam
horizon Bt2(30cm to 48cm)	Sandy clay loam
horizon Bk(48cm to 89cm)	Sandy clay loam
horizon C(89cm to 203cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AuB - Ascalon sandy loam, 0 to 3 percent slopes

Component: Ascalon (85%)
The Ascalon component makes up 85 percent of the map unit. Slopes are 0 to 3 percent. This component is on broad, flat interfluves, plains. The parent material consists of wind-reworked alluvium and/or calcareous sandy eolian deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Olnest (10%)
Generated brief soil descriptions are created for major soil components. The Olnest soil is a minor component.

Component: Vona (5%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Map Unit AuC (0.32%)

Map Unit Name:	Ascalon sandy loam, 3 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Ascalon(80%)

horizon Ap(0cm to 15cm)	Sandy loam
horizon Bt1(15cm to 30cm)	Sandy clay loam
horizon Bt2(30cm to 48cm)	Sandy clay loam
horizon Bk(48cm to 89cm)	Sandy clay loam
horizon C(89cm to 203cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AuC - Ascalon sandy loam, 3 to 5 percent slopes

Component: Ascalon (80%)
The Ascalon component makes up 80 percent of the map unit. Slopes are 3 to 5 percent. This component is on narrow to broad, flat interfluves, dissected plains. The parent material consists of wind-reworked alluvium and/or calcareous sandy eolian deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R072XY111KS Sandy Plains ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Stoneham (10%)
Generated brief soil descriptions are created for major soil components. The Stoneham soil is a minor component.

Component: Vona (8%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Component: Platner (2%)
Generated brief soil descriptions are created for major soil components. The Platner soil is a minor component.

Map Unit AvC (0.12%)

Map Unit Name:	Ascalon-Vona sandy loams, 1 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Ascalon(45%)

horizon Ap(0cm to 25cm)	Sandy loam

horizon Bt(25cm to 38cm)	Sandy clay loam
horizon Btk(38cm to 53cm)	Sandy loam
horizon Bk1(53cm to 89cm)	Sandy loam
horizon Bk2(89cm to 203cm)	Sandy loam
Vona(35%)	
horizon Ap(0cm to 23cm)	Sandy loam
horizon Bt(23cm to 56cm)	Sandy loam
horizon Bk1(56cm to 68cm)	Sandy loam
horizon Bk2(68cm to 100cm)	Sandy loam
horizon Bk3(100cm to 203cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AvC - Ascalon-Vona sandy loams, 1 to 5 percent slopes

Component: Ascalon (45%)
The Ascalon component makes up 45 percent of the map unit. Slopes are 1 to 3 percent. This component is on interfluves, hills. The parent material consists of wind-reworked alluvium and/or calcareous sandy eolian deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Vona (35%)
The Vona component makes up 35 percent of the map unit. Slopes are 3 to 5 percent. This component is on interfluves, hills. The parent material consists of eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Ascalon (10%)
Generated brief soil descriptions are created for major soil components. The Ascalon, loamy sand surface soil is a minor component.

Component: Vona (10%)
Generated brief soil descriptions are created for major soil components. The Vona, loamy sand surface soil is a minor component.

Map Unit BoD (20.04%)

Map Unit Name:	Blakeland loamy sand, 3 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Somewhat excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Blakeland(95%)	
horizon H1(0cm to 23cm)	Loamy sand
horizon H2(23cm to 152cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Soil Information

Map Unit: BoD - Blakeland loamy sand, 3 to 9 percent slopes

Component: Blakeland (95%)
The Blakeland component makes up 95 percent of the map unit. Slopes are 3 to 9 percent. This component is on plains. The parent material consists of alluvium derived from mixed and/or eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R067BY015CO Deep Sand ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent.

Component: Truckton (5%)
Generated brief soil descriptions are created for major soil components. The Truckton soil is a minor component.

Map Unit Bp (0.02%)

Map Unit Name:	Valent loamy sand, 3 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Valent(85%)

horizon A(0cm to 15cm)	Loamy sand
horizon AC(15cm to 28cm)	Sand
horizon C(28cm to 203cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Bp - Valent loamy sand, 3 to 9 percent slopes

Component: Valent (85%)
The Valent component makes up 85 percent of the map unit. Slopes are 3 to 9 percent. This component is on dunes on dune fields. The parent material consists of noncalcareous eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R072XY109KS Deep Sand, Rolling Sands ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Dailey (5%)
Generated brief soil descriptions are created for major soil components. The Dailey soil is a minor component.

Component: Julesburg (5%)
Generated brief soil descriptions are created for major soil components. The Julesburg soil is a minor component.

Component: Sarben (4%)
Generated brief soil descriptions are created for major soil components. The Sarben soil is a minor component.

Component: Ipage (1%)
Generated brief soil descriptions are created for major soil components. The Ipage soil is a minor component.

Map Unit Bt (11.34%)

Map Unit Name:	Blakeland-Truckton association

Soil Information

Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Somewhat excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Blakeland(60%)

horizon H1(0cm to 23cm)	Loamy sand
horizon H2(23cm to 152cm)	Sand

Truckton(20%)

horizon H1(0cm to 23cm)	Loamy sand
horizon H2(23cm to 53cm)	Sandy loam
horizon H3(53cm to 81cm)	Loamy sand
horizon H4(81cm to 152cm)	Coarse sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Bt - Blakeland-Truckton association

Component: Blakeland (60%)
The Blakeland component makes up 60 percent of the map unit. Slopes are 3 to 9 percent. This component is on plains. The parent material consists of alluvium derived from mixed and/or eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R067BY015CO Deep Sand ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent.

Component: Truckton (20%)
The Truckton component makes up 20 percent of the map unit. Slopes are 3 to 9 percent. This component is on plains. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R067BY015CO Deep Sand ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Vona (10%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Component: Valent (10%)
Generated brief soil descriptions are created for major soil components. The Valent soil is a minor component.

Map Unit BuA (0.36%)

Map Unit Name:	Bresser loamy sand, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Bresser(85%)

horizon Ap(0cm to 23cm)	Loamy sand
horizon Bt(23cm to 64cm)	Sandy clay loam

horizon BC(64cm to 76cm)	Sandy loam
horizon C(76cm to 203cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: BuA - Bresser loamy sand, 0 to 3 percent slopes

Component: Bresser (85%)
The Bresser component makes up 85 percent of the map unit. Slopes are 0 to 3 percent. This component is on stream terraces, tablelands. The parent material consists of coarse sandy alluvium derived from igneous, metamorphic and sedimentary rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 4s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 5 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Olnest (10%)
Generated brief soil descriptions are created for major soil components. The Olnest soil is a minor component.

Component: Vona (5%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Map Unit BzB (0.09%)

Map Unit Name:	Briggsdale fine sandy loam, 1 to 3 percent slopes
Bedrock Depth - Min:	76cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Briggsdale(85%)

horizon H1(0cm to 15cm)	Fine sandy loam
horizon H2(15cm to 51cm)	Clay
horizon H3(51cm to 76cm)	Loam
horizon H4(76cm to 86cm)	Weathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: BzB - Briggsdale fine sandy loam, 1 to 3 percent slopes

Component: Briggsdale (85%)
The Briggsdale component makes up 85 percent of the map unit. Slopes are 1 to 3 percent. This component is on uplands. The parent material consists of loam. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. The soil has a slightly saline horizon within 30 inches of the soil surface.

Component: Renohill (6%)
Generated brief soil descriptions are created for major soil components. The Renohill soil is a minor component.

Component: Heldt (4%)
Generated brief soil descriptions are created for major soil components. The Heldt soil is a minor component.

Soil Information

Component: Shingle (3%)
Generated brief soil descriptions are created for major soil components. The Shingle soil is a minor component.

Component: Nunn (2%)
Generated brief soil descriptions are created for major soil components. The Nunn soil is a minor component.

Map Unit CgE (6.99%)

Map Unit Name:	Colby loam, 6 to 15 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Colby(85%)

horizon A(0cm to 13cm)	Loam
horizon AC(13cm to 33cm)	Loam
horizon C(33cm to 200cm)	Loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: CgE - Colby loam, 6 to 15 percent slopes

Component: Colby (85%)
The Colby component makes up 85 percent of the map unit. Slopes are 6 to 15 percent. This component is on hillslopes on tablelands. The parent material consists of loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY052CO Loess Breaks ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 9 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Ulysses (10%)
Generated brief soil descriptions are created for major soil components. The Ulysses soil is a minor component.

Component: Norka (5%)
Generated brief soil descriptions are created for major soil components. The Norka soil is a minor component.

Map Unit CnC (0.15%)

Map Unit Name:	Colby-Adena loams, 3 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Colby(55%)

horizon H1(0cm to 13cm)	Loam
horizon H2(13cm to 71cm)	Silt loam
horizon H3(71cm to 152cm)	Very fine sandy loam

Adena(25%)

horizon H1(0cm to 8cm)	Loam
horizon H2(8cm to 25cm)	Clay loam

horizon H3(25cm to 152cm)	Very fine sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: CnC - Colby-Adena loams, 3 to 5 percent slopes

Component: Colby (55%)
The Colby component makes up 55 percent of the map unit. Slopes are 3 to 5 percent. This component is on loess-mantled uplands. The parent material consists of loamy loess and/or nearly uniform silty loess and/or sandy loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Adena (25%)
The Adena component makes up 25 percent of the map unit. Slopes are 3 to 5 percent. This component is on hills. The parent material consists of calcareous loamy eolian deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Weld (10%)
Generated brief soil descriptions are created for major soil components. The Weld soil is a minor component.

Component: Stoneham (5%)
Generated brief soil descriptions are created for major soil components. The Stoneham soil is a minor component.

Component: Other soils (5%)
Generated brief soil descriptions are created for major soil components. The Other soils soil is a minor component.

Map Unit CnD (0.09%)

Map Unit Name:	Colby-Adena loams, 5 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Colby(65%)	
horizon H1(0cm to 13cm)	Loam
horizon H2(13cm to 71cm)	Silt loam
horizon H3(71cm to 152cm)	Very fine sandy loam
Adena(20%)	
horizon H1(0cm to 8cm)	Loam
horizon H2(8cm to 25cm)	Clay loam
horizon H3(25cm to 152cm)	Very fine sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: CnD - Colby-Adena loams, 5 to 9 percent slopes

Component: Colby (65%)

Soil Information

The Colby component makes up 65 percent of the map unit. Slopes are 5 to 9 percent. This component is on loess-mantled uplands. The parent material consists of loamy loess and/or nearly uniform silty loess and/or sandy loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY008CO Loamy Slopes ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Adena (20%)
The Adena component makes up 20 percent of the map unit. Slopes are 5 to 9 percent. This component is on hills. The parent material consists of calcareous loamy eolian deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY008CO Loamy Slopes ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Ulysses (9%)
Generated brief soil descriptions are created for major soil components. The Ulysses soil is a minor component.

Component: Stoneham (6%)
Generated brief soil descriptions are created for major soil components. The Stoneham soil is a minor component.

Map Unit EgA (0.65%)

Map Unit Name:	Ellicott-Glenberg complex, 0 to 3 percent slopes, occasionally flooded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Somewhat excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Ellicott(65%)	
horizon A(0cm to 10cm)	Sand
horizon AC(10cm to 32cm)	Sand
horizon C1(32cm to 76cm)	Sand
horizon C2(76cm to 112cm)	Sand
horizon C3(112cm to 203cm)	Coarse sand
Glenberg(20%)	
horizon A(0cm to 16cm)	Sandy loam
horizon AC(16cm to 46cm)	Sandy loam
horizon C1(46cm to 115cm)	Sandy loam
horizon C2(115cm to 203cm)	Loamy coarse sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: EgA - Ellicott-Glenberg complex, 0 to 3 percent slopes, occasionally flooded

Component: Ellicott (65%)
The Ellicott, occasionally flooded component makes up 65 percent of the map unit. Slopes are 0 to 3 percent. This component is on flood plains on river valleys. The parent material consists of noncalcareous, stratified sandy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY031CO Sandy Bottomland ecological site. Nonirrigated land capability classification is 7s. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Soil Information

Component: Glenberg (20%)
The Glenberg, rarely flooded component makes up 20 percent of the map unit. Slopes are 0 to 3 percent. This component is on flood-plain steps on river valleys. The parent material consists of stratified, calcareous alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY031CO Sandy Bottomland ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 2 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Las Animas (10%)
Generated brief soil descriptions are created for major soil components. The Las Animas, occasionally flooded soil is a minor component.

Component: Ellicott sandy-skeletal (5%)
Generated brief soil descriptions are created for major soil components. The Ellicott sandy-skeletal, occasionally flooded soil is a minor component.

Map Unit Gu (0.27%)

Map Unit Name:	Gullied land
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	

Major components are printed below

Gullied land(90%)	
horizon H1(0cm to 152cm)	Variable

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Gu - Gullied land

Component: Gullied land (90%)
Generated brief soil descriptions are created for major soil components. The Gullied land is a miscellaneous area.

Component: Other soils (10%)
Generated brief soil descriptions are created for major soil components. The Other soils soil is a minor component.

Map Unit Hx (0.21%)

Map Unit Name:	Heldt-Koen complex
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	99cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Heldt(50%)	
horizon H1(0cm to 10cm)	Clay
horizon H2(10cm to 38cm)	Clay
horizon H3(38cm to 89cm)	Clay
horizon H4(89cm to 152cm)	Clay
Koen(30%)	
horizon H1(0cm to 5cm)	Loam

horizon H2(5cm to 25cm)	Clay
horizon H3(25cm to 152cm)	Clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Hx - Heldt-Koen complex

Component: Heldt (50%)
The Heldt, saline component makes up 50 percent of the map unit. Slopes are 1 to 3 percent. This component is on broad flats, stream terraces. The parent material consists of clayey alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is high. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 39 inches during May, June, July, August, September. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY035CO Salt Meadow ecological site. Nonirrigated land capability classification is 6w. Irrigated land capability classification is 4w. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. The soil has a moderately saline horizon within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 10 within 30 inches of the soil surface.

Component: Koen (30%)
The Koen component makes up 30 percent of the map unit. Slopes are 1 to 3 percent. This component is on paleoterraces, broad flats. The parent material consists of clayey alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY035CO Salt Meadow ecological site. Nonirrigated land capability classification is 6s. Irrigated land capability classification is 4s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 12 within 30 inches of the soil surface.

Component: Nunn (8%)
Generated brief soil descriptions are created for major soil components. The Nunn soil is a minor component.

Component: Limon (6%)
Generated brief soil descriptions are created for major soil components. The Limon soil is a minor component.

Component: Weld (6%)
Generated brief soil descriptions are created for major soil components. The Weld soil is a minor component.

Map Unit IW (0.31%)

Map Unit Name:	Intermittent water

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: IW - Intermittent water

Component: Playas (95%)
Generated brief soil descriptions are created for major soil components. The Playas is a miscellaneous area.

Component: Aquolls (5%)
Generated brief soil descriptions are created for major soil components. The Aquolls soil is a minor component.

Map Unit Lu (5.81%)

Map Unit Name:	Loamy alluvial land

Bedrock Depth - Min:

Soil Information

Watertable Depth - Annual Min:

Drainage Class - Dominant: Well drained

Hydrologic Group - Dominant: B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Loamy alluvial land(75%)

horizon H1(0cm to 20cm)	Loam
horizon H2(20cm to 152cm)	Stratified loam to clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Lu - Loamy alluvial land

Component: Loamy alluvial land (75%)
Generated brief soil descriptions are created for major soil components. The Loamy alluvial land is a miscellaneous area.

Component: Satanta (10%)
Generated brief soil descriptions are created for major soil components. The Satanta soil is a minor component.

Component: Nunn (10%)
Generated brief soil descriptions are created for major soil components. The Nunn soil is a minor component.

Component: Loveland (5%)
Generated brief soil descriptions are created for major soil components. The Loveland soil is a minor component.

Map Unit Pa (0.05%)

Map Unit Name: Platner sandy loam, 0 to 3 percent slopes

Bedrock Depth - Min:

Watertable Depth - Annual Min:

Drainage Class - Dominant: Well drained

Hydrologic Group - Dominant: C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Platner(85%)

horizon Ap(0cm to 15cm)	Sandy loam
horizon Bt1(15cm to 28cm)	Clay
horizon Bt2(28cm to 51cm)	Clay
horizon Bk1(51cm to 69cm)	Loam
horizon Bk2(69cm to 94cm)	Sandy clay loam
horizon C(94cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Pa - Platner sandy loam, 0 to 3 percent slopes

Component: Platner (85%)
The Platner component makes up 85 percent of the map unit. Slopes are 0 to 3 percent. This component is on broad, flat interfluves, plains. The parent material consists of mixed eolian deposits over calcareous tertiary alluvium derived from igneous, metamorphic and sedimentary rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30

inches of the soil surface.

Component: Ascalon (10%)
Generated brief soil descriptions are created for major soil components. The Ascalon soil is a minor component.

Component: Stoneham (5%)
Generated brief soil descriptions are created for major soil components. The Stoneham soil is a minor component.

Map Unit Pl (0.01%)

Map Unit Name:	Platner loam, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Platner(85%)

horizon Ap(0cm to 15cm)	Loam
horizon Bt1(15cm to 28cm)	Clay
horizon Bt2(28cm to 51cm)	Clay
horizon Bk1(51cm to 69cm)	Loam
horizon Bk2(69cm to 94cm)	Sandy clay loam
horizon C(94cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Pl - Platner loam, 0 to 3 percent slopes

Component: Platner (85%)
The Platner component makes up 85 percent of the map unit. Slopes are 0 to 3 percent. This component is on broad to narrow interfluves on plains. The parent material consists of mixed eolian deposits over tertiary aged alluvium derived from igneous, metamorphic and sedimentary rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 4s. Irrigated land capability classification is 3s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Ascalon (10%)
Generated brief soil descriptions are created for major soil components. The Ascalon soil is a minor component.

Component: Rago (4%)
Generated brief soil descriptions are created for major soil components. The Rago, rarely flooded soil is a minor component.

Component: Rago (1%)
Generated brief soil descriptions are created for major soil components. The Rago, ponded soil is a minor component.

Map Unit SrE (0.64%)

Map Unit Name:	Shingle-Renohill loams, 5 to 25 percent slopes
Bedrock Depth - Min:	30cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water

	movement through the soil is restricted or very restricted.

Major components are printed below

Shingle(40%)	
horizon H1(0cm to 8cm)	Loam
horizon H2(8cm to 30cm)	Loam
horizon H3(30cm to 41cm)	Unweathered bedrock
Renohill(35%)	
horizon H1(0cm to 10cm)	Loam
horizon H2(10cm to 43cm)	Clay loam
horizon H3(43cm to 71cm)	Clay loam
horizon H4(71cm to 81cm)	Unweathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: SrE - Shingle-Renohill loams, 5 to 25 percent slopes

Component: Shingle (40%)
The Shingle component makes up 40 percent of the map unit. Slopes are 5 to 25 percent. This component is on hills. The parent material consists of residuum weathered from shale. Depth to a root restrictive layer, bedrock, paralithic, is 10 to 20 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY008CO Loamy Slopes ecological site. Nonirrigated land capability classification is 6s. Irrigated land capability classification is 6s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Renohill (35%)
The Renohill component makes up 35 percent of the map unit. Slopes are 5 to 25 percent. This component is on plains. The parent material consists of residuum weathered from shale. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY008CO Loamy Slopes ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Loamy alluvial land (10%)
Generated brief soil descriptions are created for major soil components. The Loamy alluvial land soil is a minor component.

Component: Colby (5%)
Generated brief soil descriptions are created for major soil components. The Colby soil is a minor component.

Component: Deertrail (5%)
Generated brief soil descriptions are created for major soil components. The Deertrail soil is a minor component.

Component: Samsil (5%)
Generated brief soil descriptions are created for major soil components. The Samsil soil is a minor component.

Map Unit TeB (0.41%)

Map Unit Name:	Terry fine sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	99cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Terry(85%)

horizon H1(0cm to 13cm)	Fine sandy loam
horizon H2(13cm to 28cm)	Fine sandy loam
horizon H3(28cm to 99cm)	Sandy loam
horizon H4(99cm to 109cm)	Weathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: TeB - Terry fine sandy loam, 0 to 3 percent slopes

Component: Terry (85%)
The Terry component makes up 85 percent of the map unit. Slopes are 0 to 3 percent. This component is on hills. The parent material consists of residuum weathered from sandstone. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Stoneham (10%)
Generated brief soil descriptions are created for major soil components. The Stoneham soil is a minor component.

Component: Samsil (5%)
Generated brief soil descriptions are created for major soil components. The Samsil soil is a minor component.

Map Unit TeD (1.94%)

Map Unit Name:	Terry fine sandy loam, 3 to 9 percent slopes
Bedrock Depth - Min:	99cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Terry(85%)

horizon H1(0cm to 13cm)	Fine sandy loam
horizon H2(13cm to 28cm)	Fine sandy loam
horizon H3(28cm to 99cm)	Sandy loam
horizon H4(99cm to 109cm)	Weathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: TeD - Terry fine sandy loam, 3 to 9 percent slopes

Component: Terry (85%)
The Terry component makes up 85 percent of the map unit. Slopes are 3 to 9 percent. This component is on hills. The parent material consists of residuum weathered from sandstone. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Stoneham (10%)
Generated brief soil descriptions are created for major soil components. The Stoneham soil is a minor component.

Soil Information

Component: Samsil (5%)
Generated brief soil descriptions are created for major soil components. The Samsil soil is a minor component.

Map Unit TsE (0.04%)

Map Unit Name:	Terry-Vona-Tassel complex, 3 to 20 percent slopes
Bedrock Depth - Min:	46cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Terry(45%)	
horizon H1(0cm to 13cm)	Fine sandy loam
horizon H2(13cm to 28cm)	Fine sandy loam
horizon H3(28cm to 99cm)	Sandy loam
horizon H4(99cm to 109cm)	Weathered bedrock
Vona(30%)	
horizon H1(0cm to 23cm)	Sandy loam
horizon H2(23cm to 56cm)	Sandy loam
horizon H3(56cm to 152cm)	Loamy sand
Tassel(20%)	
horizon H1(0cm to 13cm)	Fine sandy loam
horizon H2(13cm to 46cm)	Fine sandy loam
horizon H3(46cm to 56cm)	Weathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: TsE - Terry-Vona-Tassel complex, 3 to 20 percent slopes

Component: Terry (45%)
The Terry component makes up 45 percent of the map unit. Slopes are 3 to 20 percent. This component is on hills. The parent material consists of residuum weathered from sandstone. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Vona (30%)
The Vona component makes up 30 percent of the map unit. Slopes are 3 to 9 percent. This component is on plains. The parent material consists of eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 6 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Tassel (20%)
The Tassel component makes up 20 percent of the map unit. Slopes are 6 to 20 percent. This component is on hills. The parent material consists of residuum weathered from sandstone. Depth to a root restrictive layer, bedrock, paralithic, is 10 to 20 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY056CO Sandstone Breaks ecological site. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 6 percent.

Soil Information

Component: Sandy alluvial land (3%)
Generated brief soil descriptions are created for major soil components. The Sandy alluvial land soil is a minor component.

Component: Valent (2%)
Generated brief soil descriptions are created for major soil components. The Valent soil is a minor component.

Map Unit TtB (6.86%)

Map Unit Name:	Truckton loamy sand, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Truckton(80%)

horizon A(0cm to 15cm)	Loamy sand
horizon Bt1(15cm to 25cm)	Sandy loam
horizon Bt2(25cm to 41cm)	Sandy loam
horizon C(41cm to 203cm)	Loamy coarse sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: TtB - Truckton loamy sand, 0 to 3 percent slopes

Component: Truckton (80%)
The Truckton component makes up 80 percent of the map unit. Slopes are 0 to 3 percent. This component is on plains. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Blakeland (10%)
Generated brief soil descriptions are created for major soil components. The Blakeland soil is a minor component.

Component: Vona (7%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Component: Tryon (2%)
Generated brief soil descriptions are created for major soil components. The Tryon soil is a minor component.

Component: Loup (1%)
Generated brief soil descriptions are created for major soil components. The Loup soil is a minor component.

Map Unit TtD (6.54%)

Map Unit Name:	Truckton loamy sand, 3 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Truckton(85%)

horizon H1(0cm to 23cm)	Loamy sand
horizon H2(23cm to 53cm)	Sandy loam
horizon H3(53cm to 81cm)	Loamy sand
horizon H4(81cm to 152cm)	Coarse sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: TtD - Truckton loamy sand, 3 to 9 percent slopes

Component: Truckton (85%)
The Truckton component makes up 85 percent of the map unit. Slopes are 3 to 9 percent. This component is on plains. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Vona (8%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Component: Blakeland (5%)
Generated brief soil descriptions are created for major soil components. The Blakeland soil is a minor component.

Component: Loup (1%)
Generated brief soil descriptions are created for major soil components. The Loup soil is a minor component.

Component: Tryon (1%)
Generated brief soil descriptions are created for major soil components. The Tryon soil is a minor component.

Map Unit TuB (1.19%)

Map Unit Name:	Truckton loamy sand, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Truckton(80%)

horizon A(0cm to 15cm)	Loamy sand
horizon Bt1(15cm to 25cm)	Sandy loam
horizon Bt2(25cm to 41cm)	Sandy loam
horizon C(41cm to 203cm)	Loamy coarse sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: TuB - Truckton loamy sand, 1 to 3 percent slopes

Component: Truckton (80%)
The Truckton component makes up 80 percent of the map unit. Slopes are 1 to 3 percent. This component is on uplands. The parent material consists of loam sandy and/or sand loamy. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria.

Soil Information

Component: Bijou (10%)
Generated brief soil descriptions are created for major soil components. The Bijou soil is a minor component.

Component: Bresser (5%)
Generated brief soil descriptions are created for major soil components. The Bresser soil is a minor component.

Component: Vona (5%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Map Unit TvC (2.96%)

Map Unit Name:	Truckton soils, 3 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Truckton(80%)

horizon H1(0cm to 23cm)	Loamy sand
horizon H2(23cm to 61cm)	Sandy loam
horizon H3(61cm to 152cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: TvC - Truckton soils, 3 to 9 percent slopes

Component: Truckton (80%)
The Truckton component makes up 80 percent of the map unit. Slopes are 3 to 9 percent. This component is on uplands. The parent material consists of loam sandy and/or sand loamy. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Vona (10%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Component: Valent (10%)
Generated brief soil descriptions are created for major soil components. The Valent soil is a minor component.

Map Unit VaD (0.32%)

Map Unit Name:	Valent loamy sand, 3 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Valent(85%)

horizon A(0cm to 15cm)	Loamy sand
horizon AC(15cm to 28cm)	Sand
horizon C(28cm to 203cm)	Sand

Soil Information

Component Description:

Minor map unit components are excluded from this report.

Map Unit: VaD - Valent loamy sand, 3 to 9 percent slopes

Component: Valent (85%)
The Valent component makes up 85 percent of the map unit. Slopes are 3 to 9 percent. This component is on dunes on dune fields. The parent material consists of noncalcareous eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R072XY109KS Deep Sand, Rolling Sands ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Julesburg (5%)
Generated brief soil descriptions are created for major soil components. The Julesburg soil is a minor component.

Component: Dailey (5%)
Generated brief soil descriptions are created for major soil components. The Dailey soil is a minor component.

Component: Sarben (4%)
Generated brief soil descriptions are created for major soil components. The Sarben soil is a minor component.

Component: Ipage (1%)
Generated brief soil descriptions are created for major soil components. The Ipage soil is a minor component.

Map Unit VcD (1.33%)

Map Unit Name:	Valent sand, 3 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Valent(80%)

horizon A(0cm to 13cm)	Sand
horizon AC(13cm to 30cm)	Sand
horizon C1(30cm to 76cm)	Sand
horizon C2(76cm to 203cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: VcD - Valent sand, 3 to 9 percent slopes

Component: Valent (80%)
The Valent component makes up 80 percent of the map unit. Slopes are 3 to 9 percent. This component is on dunes on dune fields. The parent material consists of noncalcareous eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R072XY109KS Deep Sand, Rolling Sands ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Dailey (10%)
Generated brief soil descriptions are created for major soil components. The Dailey soil is a minor component.

Soil Information

Component: Haxtun (5%)
Generated brief soil descriptions are created for major soil components. The Haxtun soil is a minor component.

Component: Vona (5%)
Generated brief soil descriptions are created for major soil components. The Vona soil is a minor component.

Map Unit VmB (0.53%)

Map Unit Name:	Vona loamy sand, 1 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Vona(70%)

horizon A(0cm to 15cm)	Loamy sand
horizon BA(15cm to 30cm)	Sandy loam
horizon Bt1(30cm to 64cm)	Sandy loam
horizon Bt2(64cm to 91cm)	Sandy loam
horizon Bk(91cm to 114cm)	Sandy loam
horizon C(114cm to 203cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: VmB - Vona loamy sand, 1 to 3 percent slopes

Component: Vona (70%)
The Vona component makes up 70 percent of the map unit. Slopes are 0 to 3 percent. This component is on plains. The parent material consists of coarse-loamy eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY015CO Deep Sand ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent.

Component: Olnest (18%)
Generated brief soil descriptions are created for major soil components. The Olnest soil is a minor component.

Component: Manter (5%)
Generated brief soil descriptions are created for major soil components. The Manter soil is a minor component.

Component: Truckton (4%)
Generated brief soil descriptions are created for major soil components. The Truckton soil is a minor component.

Component: Valent (3%)
Generated brief soil descriptions are created for major soil components. The Valent soil is a minor component.

Map Unit VmD (0.32%)

Map Unit Name:	Vona-Dwyer loamy sands, 5 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Soil Information

Major components are printed below

Vona(56%)

horizon A(0cm to 15cm)	Loamy sand
horizon BA(15cm to 30cm)	Sandy loam
horizon Bt1(30cm to 64cm)	Sandy loam
horizon Bt2(64cm to 91cm)	Sandy loam
horizon Bk(91cm to 114cm)	Sandy loam
horizon C(114cm to 203cm)	Loamy sand

Dwyer(30%)

horizon A1(0cm to 7cm)	Loamy sand
horizon A2(7cm to 17cm)	Loamy sand
horizon BC(17cm to 52cm)	Loamy sand
horizon C1(52cm to 125cm)	Loamy sand
horizon C2(125cm to 162cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: VmD - Vona-Dwyer loamy sands, 5 to 9 percent slopes

Component: Vona (56%)
The Vona component makes up 56 percent of the map unit. Slopes are 5 to 9 percent. This component is on hills. The parent material consists of coarse-loamy eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent.

Component: Dwyer (30%)
The Dwyer component makes up 30 percent of the map unit. Slopes are 5 to 9 percent. The parent material consists of sandy eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY015CO Deep Sand ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Manter (7%)
Generated brief soil descriptions are created for major soil components. The Manter soil is a minor component.

Component: Olnest (7%)
Generated brief soil descriptions are created for major soil components. The Olnest soil is a minor component.

Map Unit VnB (1.74%)

Map Unit Name:	Vona loamy sand, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Vona(90%)

horizon H1(0cm to 23cm)	Loamy sand
horizon H2(23cm to 56cm)	Sandy loam
horizon H3(56cm to 152cm)	Loamy sand

Soil Information

Component Description:

Minor map unit components are excluded from this report.

Map Unit: VnB - Vona loamy sand, 0 to 3 percent slopes

Component: Vona (90%)
The Vona component makes up 90 percent of the map unit. Slopes are 0 to 3 percent. This component is on plains. The parent material consists of eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY024CO Sandy Plains ecological site. Nonirrigated land capability classification is 4c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 6 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Valent (10%)
Generated brief soil descriptions are created for major soil components. The Valent soil is a minor component.

Map Unit VnD (0.46%)

Map Unit Name:	Vona loamy sand, 3 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Vona(85%)

horizon A(0cm to 18cm)	Loamy sand
horizon Bt1(18cm to 36cm)	Sandy loam
horizon Bt2(36cm to 51cm)	Sandy loam
horizon Bk(51cm to 114cm)	Sandy loam
horizon C(114cm to 203cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: VnD - Vona loamy sand, 3 to 9 percent slopes

Component: Vona (85%)
The Vona component makes up 85 percent of the map unit. Slopes are 3 to 9 percent. This component is on hills on dissected plains. The parent material consists of eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY015CO Deep Sand ecological site. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 5 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Manter (5%)
Generated brief soil descriptions are created for major soil components. The Manter soil is a minor component.

Component: Ascalon (5%)
Generated brief soil descriptions are created for major soil components. The Ascalon soil is a minor component.

Component: Olnest (3%)
Generated brief soil descriptions are created for major soil components. The Olnest soil is a minor component.

Component: Valent (2%)

Soil Information

Generated brief soil descriptions are created for major soil components. The Valent soil is a minor component.

Map Unit WmA (0.91%)

Map Unit Name:	Weld loam, 1 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Weld(80%)

horizon Ap(0cm to 20cm)	Loam
horizon Bt1(20cm to 30cm)	Clay
horizon Bt2(30cm to 38cm)	Clay loam
horizon Btk(38cm to 71cm)	Loam
horizon Bk(71cm to 152cm)	Silt loam
horizon C(152cm to 203cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: WmA - Weld loam, 1 to 3 percent slopes

Component: Weld (80%)
The Weld component makes up 80 percent of the map unit. Slopes are 1 to 3 percent. This component is on broad, flat interfluves on dissected plains. The parent material consists of calcareous loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 3c. Irrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Adena (8%)
Generated brief soil descriptions are created for major soil components. The Adena soil is a minor component.

Component: Colby (7%)
Generated brief soil descriptions are created for major soil components. The Colby soil is a minor component.

Component: Keith (3%)
Generated brief soil descriptions are created for major soil components. The Keith soil is a minor component.

Component: Baca (2%)
Generated brief soil descriptions are created for major soil components. The Baca soil is a minor component.

Map Unit WmB (2.45%)

Map Unit Name:	Weld loam, 1 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Weld(80%)

horizon Ap(0cm to 20cm)	Loam
horizon Bt1(20cm to 30cm)	Clay
horizon Bt2(30cm to 38cm)	Clay loam
horizon Btk(38cm to 71cm)	Loam
horizon Bk(71cm to 152cm)	Silt loam
horizon C(152cm to 203cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: WmB - Weld loam, 1 to 3 percent slopes

Component: Weld (80%)
The Weld component makes up 80 percent of the map unit. Slopes are 1 to 3 percent. This component is on broad, flat interfluves on dissected plains. The parent material consists of calcareous loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 3c. Irrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Adena (8%)
Generated brief soil descriptions are created for major soil components. The Adena soil is a minor component.

Component: Colby (7%)
Generated brief soil descriptions are created for major soil components. The Colby soil is a minor component.

Component: Keith (3%)
Generated brief soil descriptions are created for major soil components. The Keith soil is a minor component.

Component: Baca (2%)
Generated brief soil descriptions are created for major soil components. The Baca soil is a minor component.

Map Unit WuE (3.44%)

Map Unit Name:	Wiley-Adena-Renohill complex, 3 to 20 percent slopes
Bedrock Depth - Min:	71cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Wiley(40%)	
horizon H1(0cm to 8cm)	Loam
horizon H2(8cm to 33cm)	Clay loam
horizon H3(33cm to 152cm)	Very fine sandy loam
Adena(30%)	
horizon H1(0cm to 10cm)	Loam
horizon H2(10cm to 56cm)	Silty clay loam
horizon H3(56cm to 152cm)	Silt loam
Renohill(15%)	
horizon H1(0cm to 10cm)	Loam
horizon H2(10cm to 58cm)	Clay
horizon H3(58cm to 71cm)	Clay loam
horizon H4(71cm to 81cm)	Unweathered bedrock

Component Description:

Soil Information

Minor map unit components are excluded from this report.

Map Unit: WuE - Wiley-Adena-Renohill complex, 3 to 20 percent slopes

Component: Wiley (40%)
The Wiley component makes up 40 percent of the map unit. Slopes are 9 to 20 percent. This component is on hills. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Adena (30%)
The Adena component makes up 30 percent of the map unit. Slopes are 3 to 5 percent. This component is on plains. The parent material consists of eolian deposits derived from mixed. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

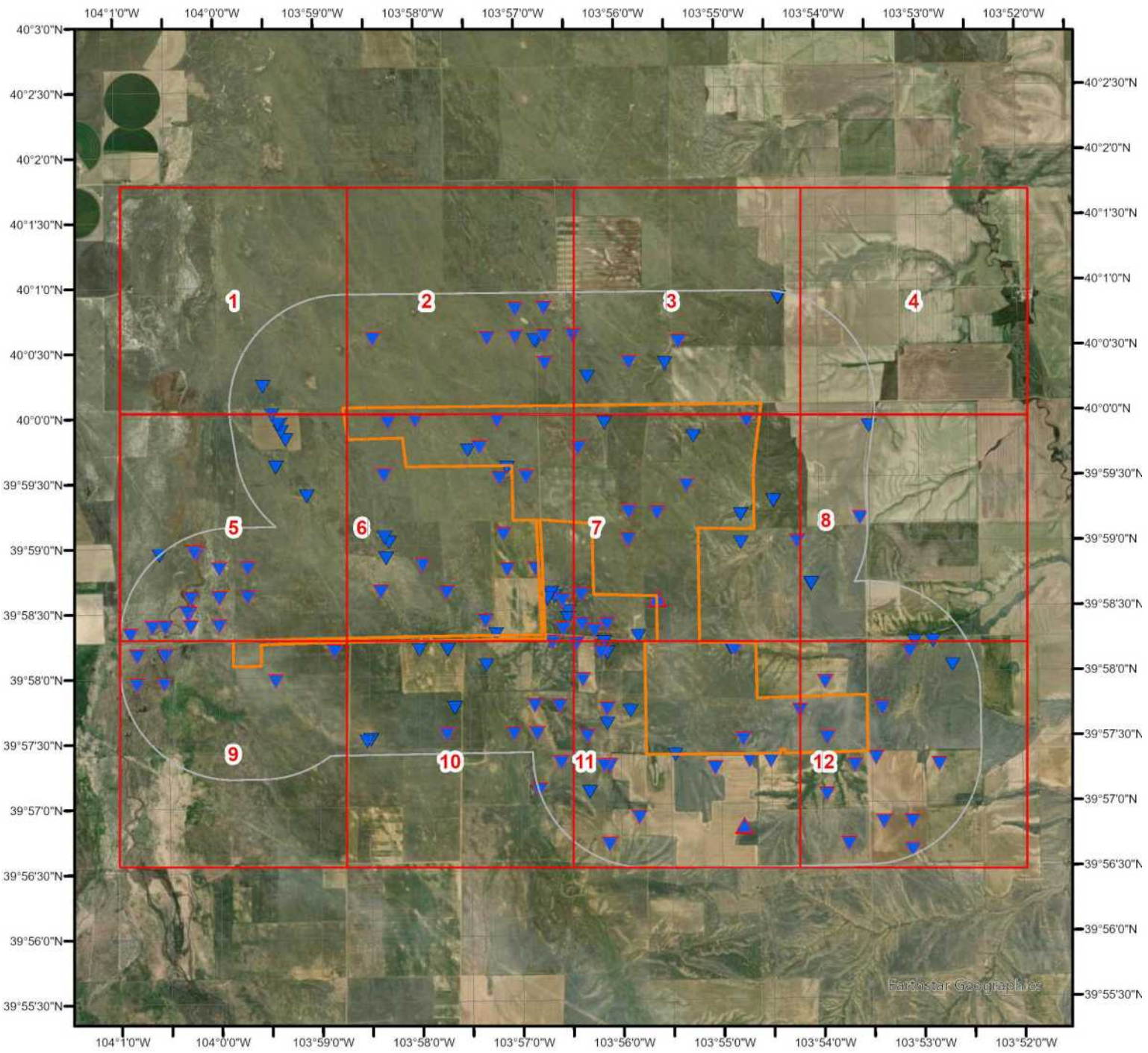
Component: Renohill (15%)
The Renohill component makes up 15 percent of the map unit. Slopes are 12 to 20 percent. This component is on plains. The parent material consists of residuum weathered from shale. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R067BY002CO Loamy Plains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Colby (8%)
Generated brief soil descriptions are created for major soil components. The Colby soil is a minor component.

Component: Samsil (4%)
Generated brief soil descriptions are created for major soil components. The Samsil soil is a minor component.

Component: Shingle (3%)
Generated brief soil descriptions are created for major soil components. The Shingle soil is a minor component.

Wells and Additional Sources



Wells & Additional Sources

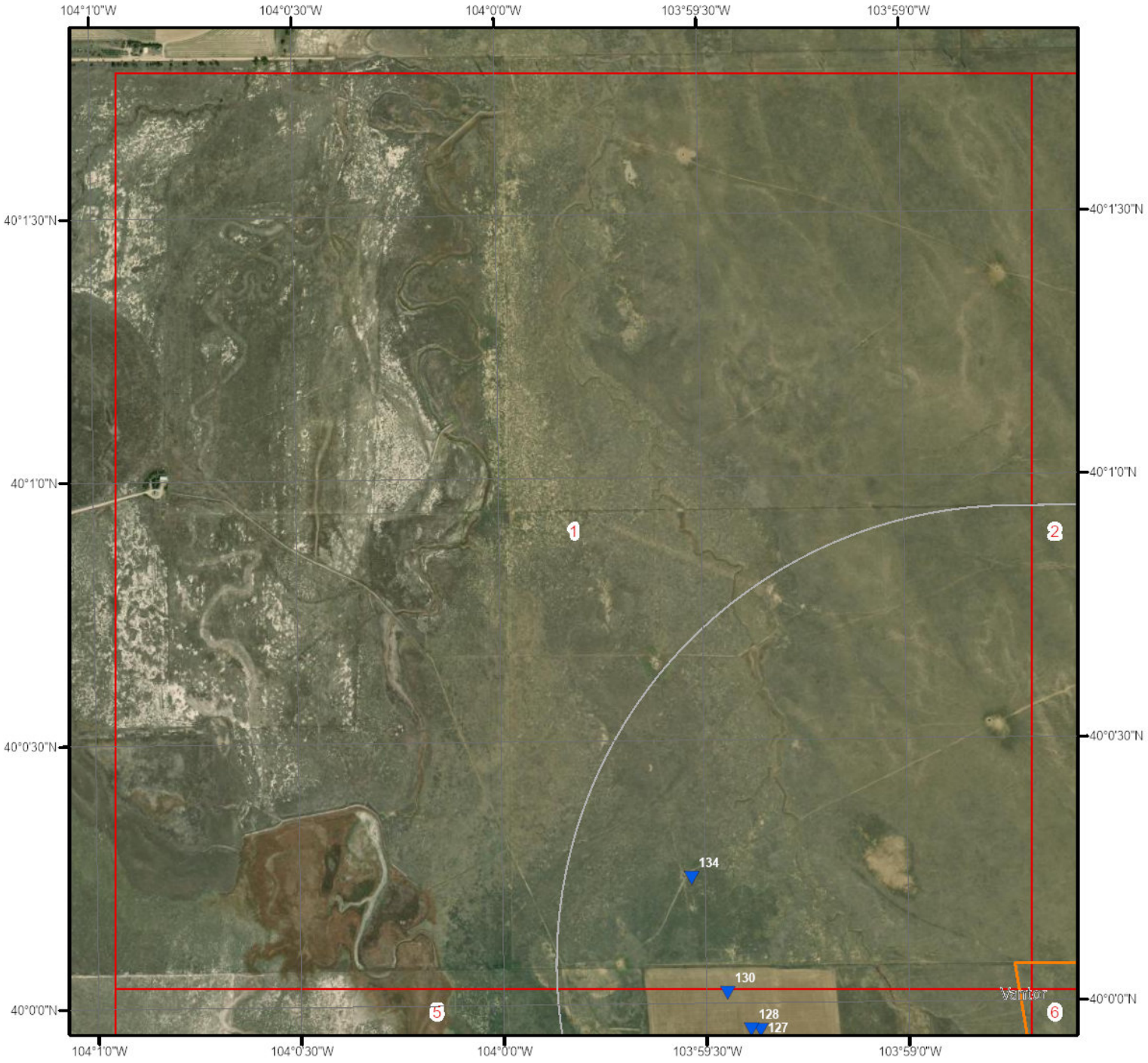
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- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 1

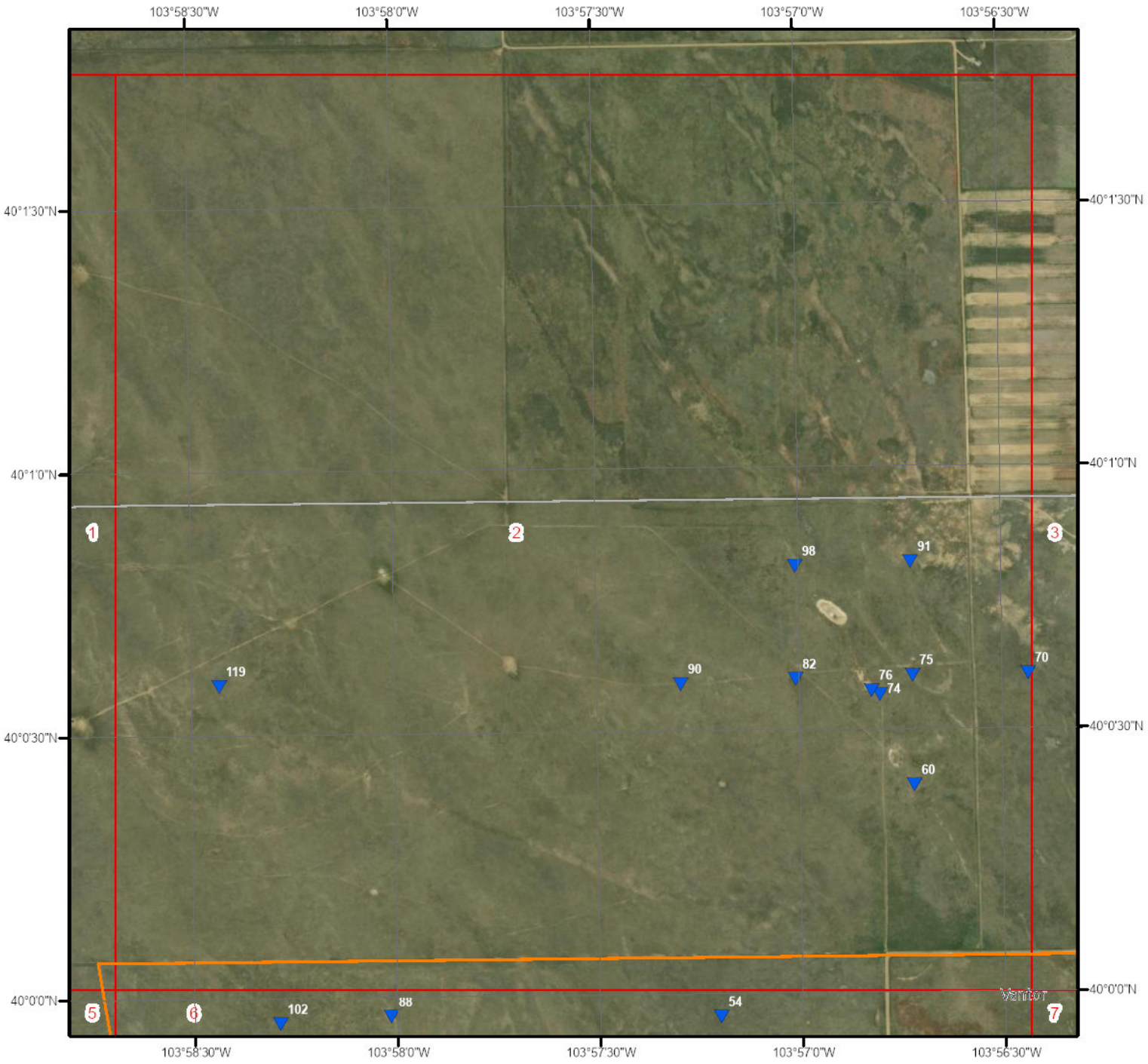
0 0.28 0.55 Miles

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 2

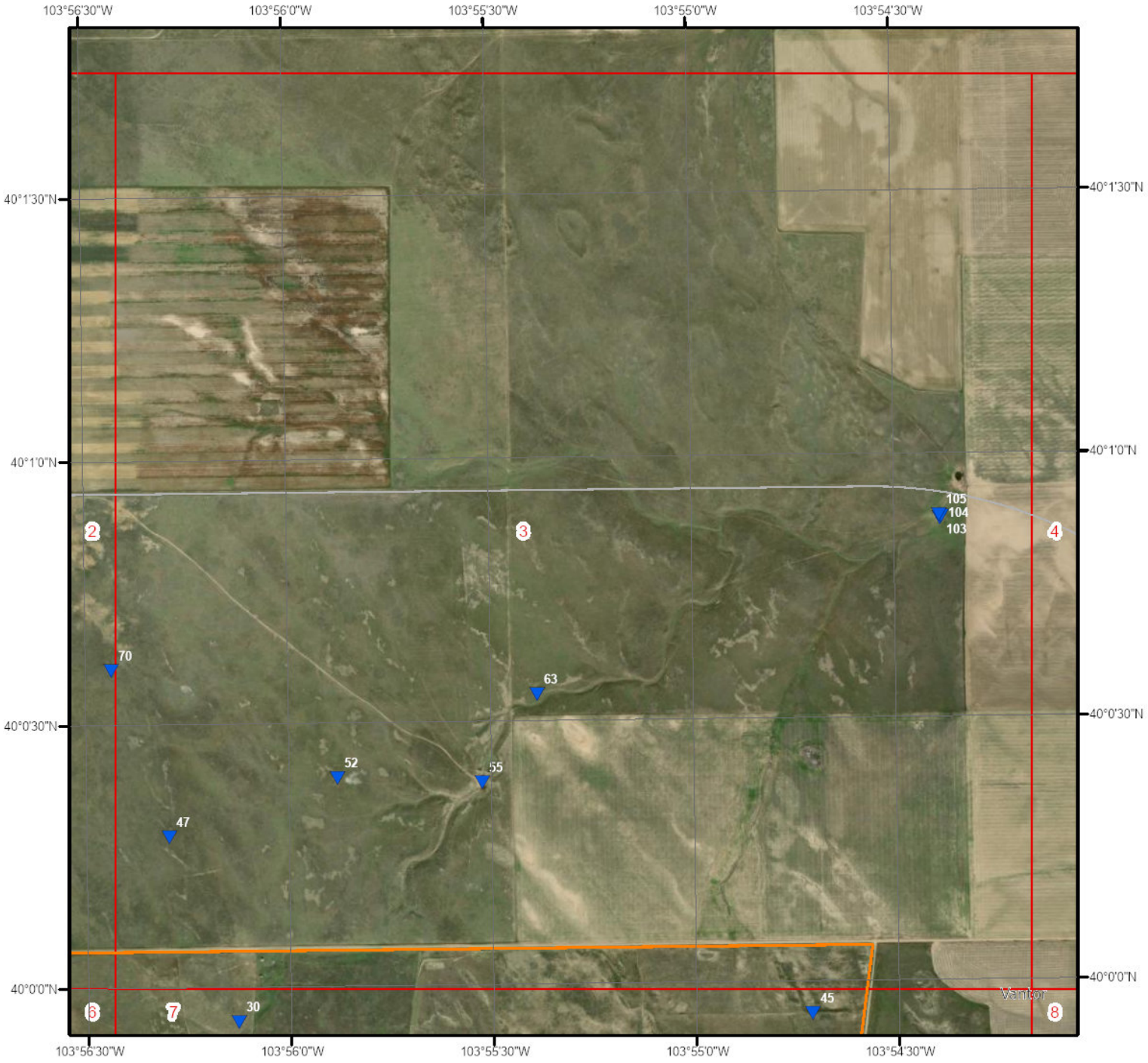
0 0.28 0.55 Miles

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 3

0 0.28 0.55 Miles

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 4

0 0.28 0.55 Miles

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 5

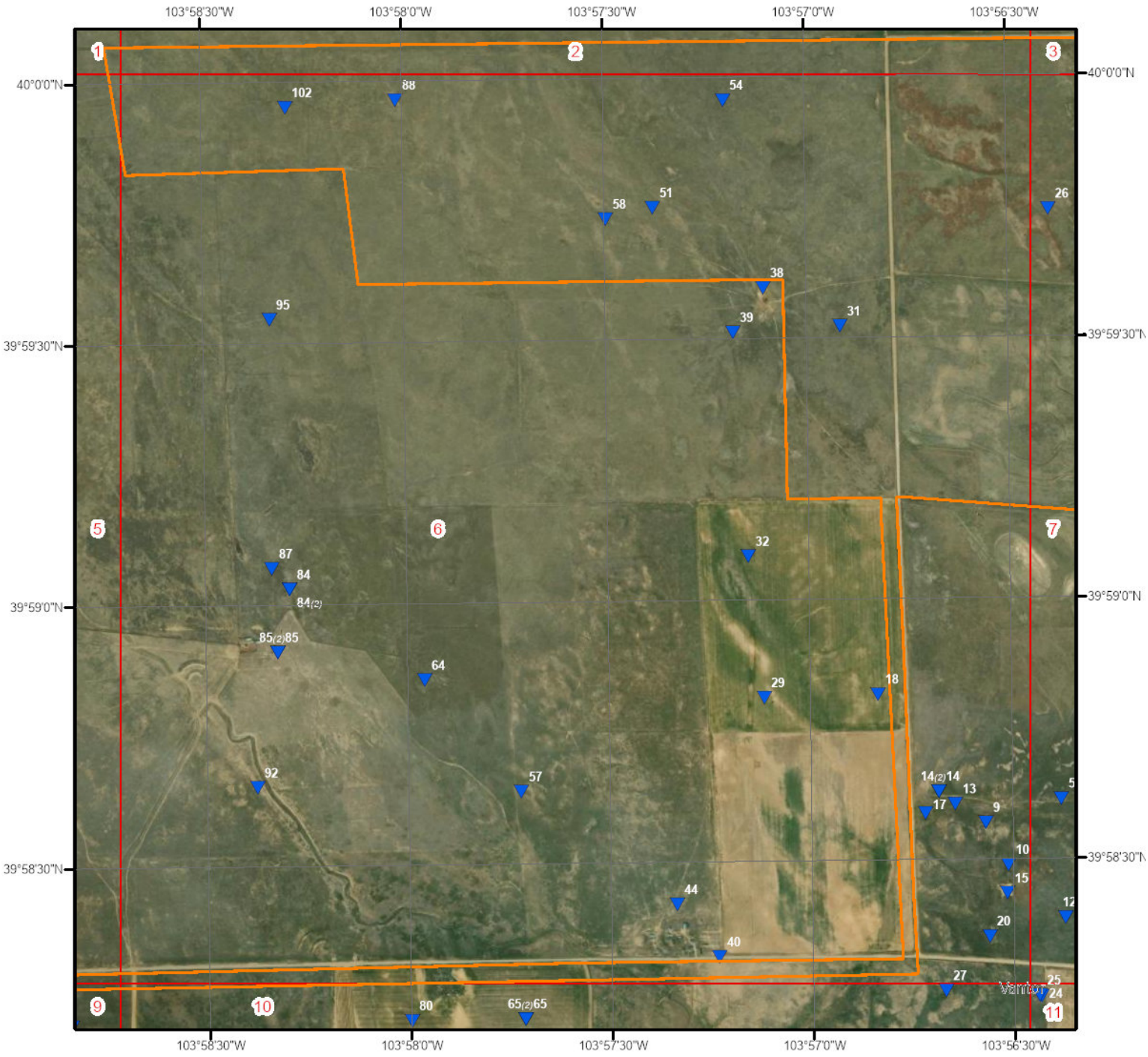
Miles
0 0.28 0.55

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 6

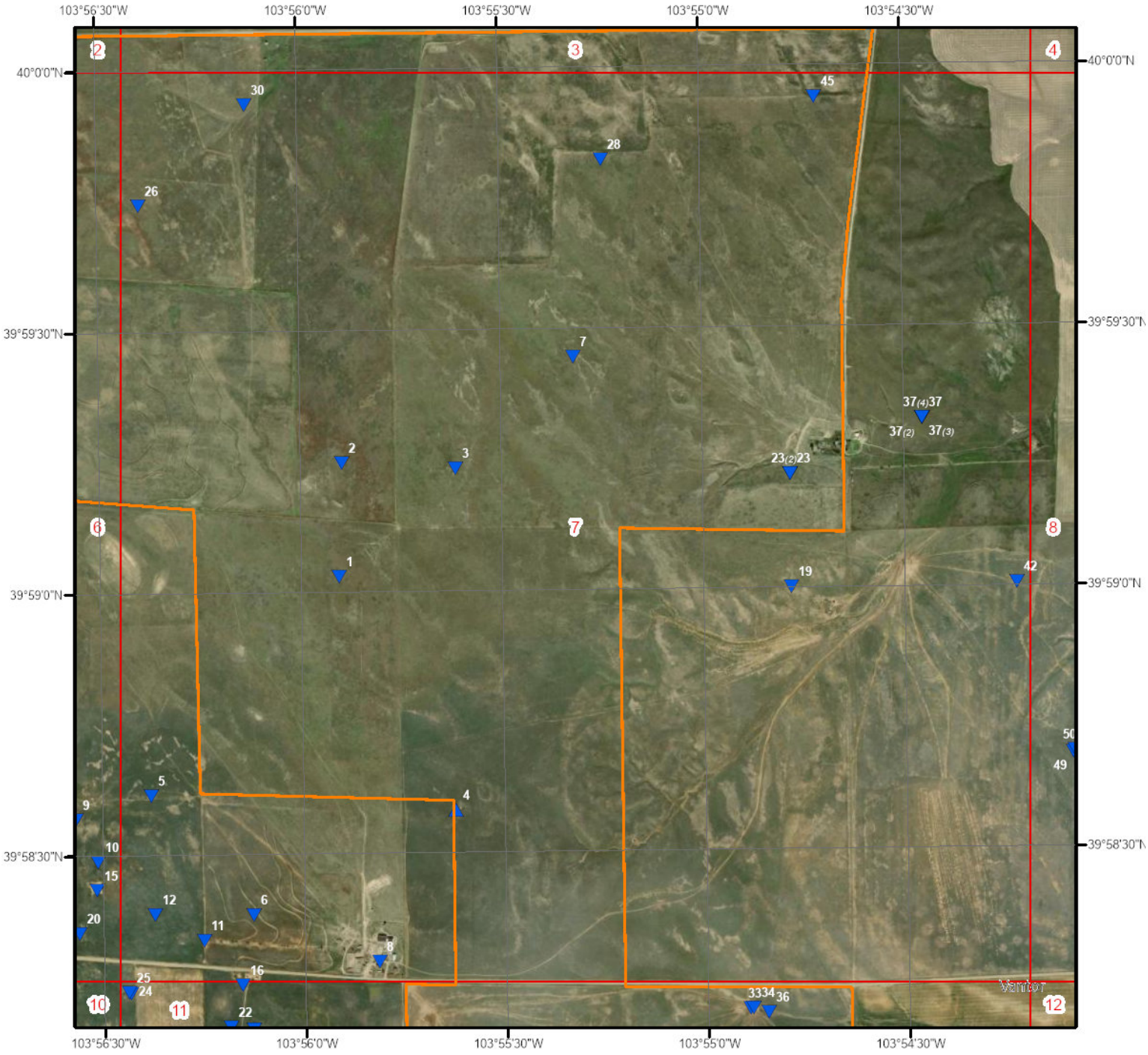
0 0.28 0.55 Miles

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 7

0 0.28 0.55 Miles

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 8

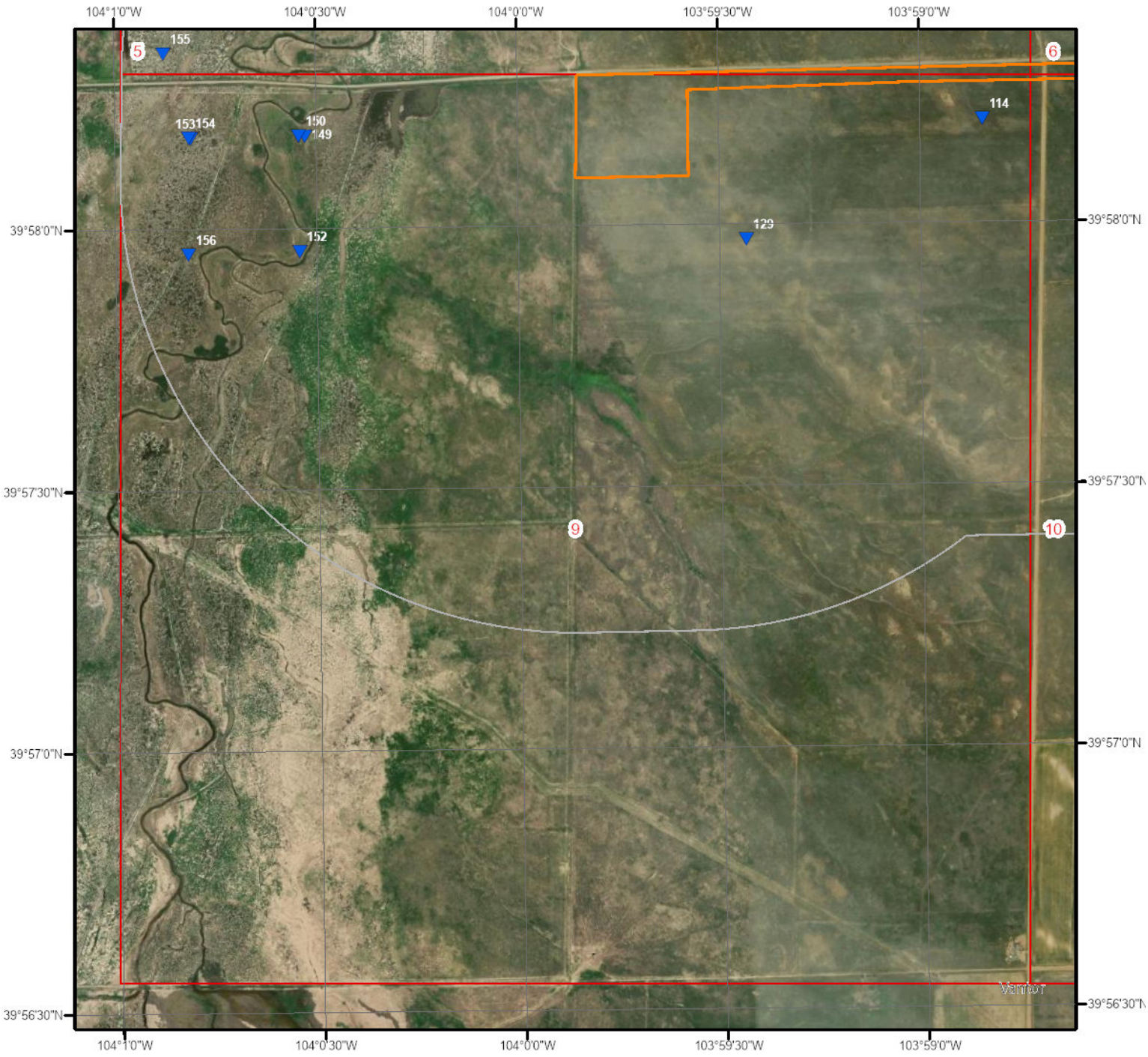
0 0.28 0.55 Miles

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 9

0 0.28 0.55 Miles

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 10

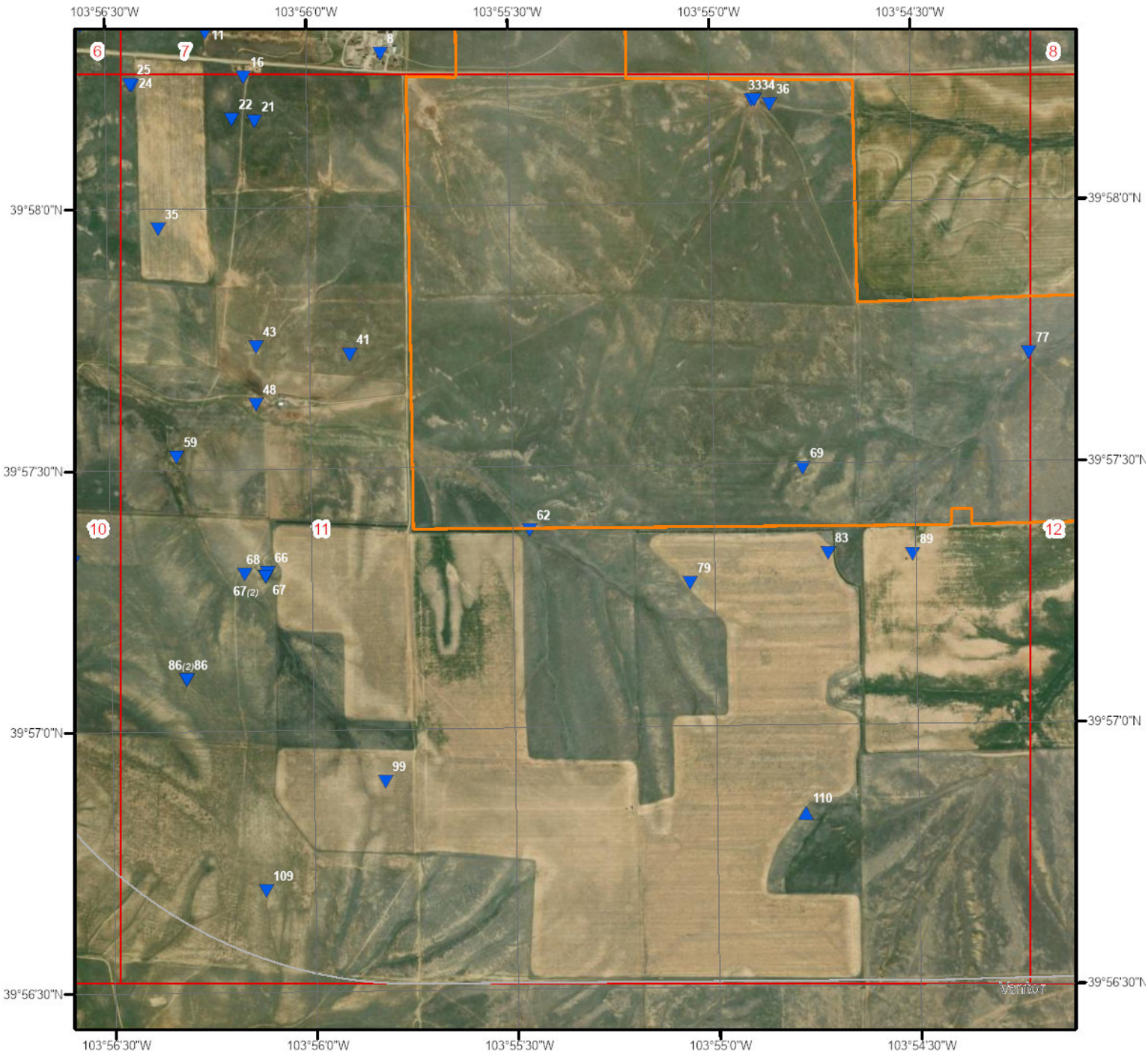
0 0.28 0.55 Miles

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 11

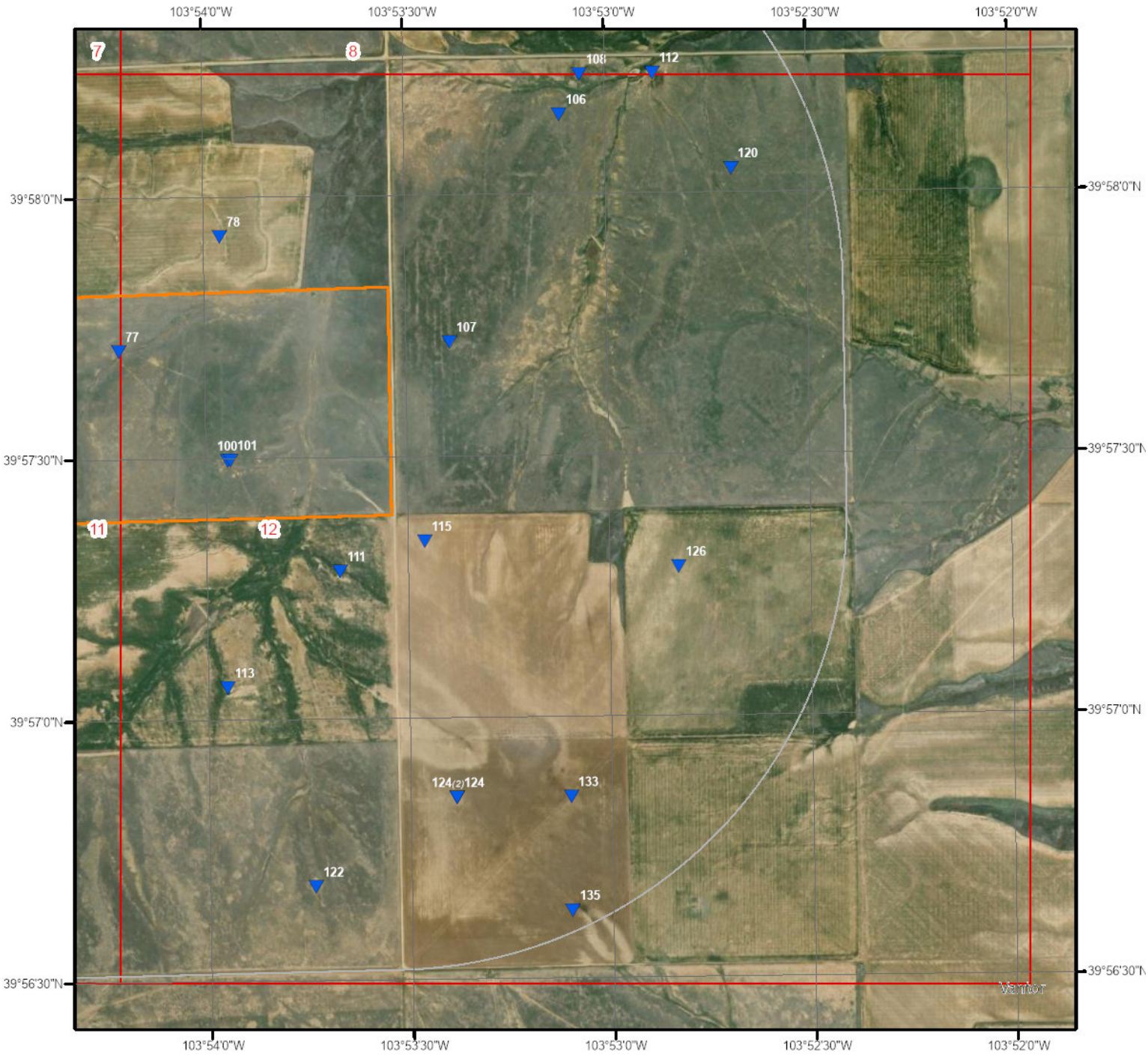
Miles
0 0.28 0.55

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 12

Miles
0 0.28 0.55

N

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Loc Identifier	Distance (ft)	Direction
86	USGS-395706103561701	3157.17	S
146	USGS-395857104003301	5262.20	W

State Sources

Oil and Gas Pit Locations

Map Key	Facil ID	Distance (ft)	Direction
15	113723	1090.64	SW
16	113725	1889.24	SSW
21	101988	1768.01	SSW
25	113724	1433.79	SSW
67	101990	1800.55	S
67	114187	1800.55	S
74	101111	3011.61	NNW
76	116874	3058.89	NNW
93	114185	5229.46	SSW
100	114181	0.00	-
124	101985	3364.29	SE
137	114184	2096.03	W
150	119381	3217.94	WSW
154	101989	4494.80	WSW

Oil and Gas Wells

Map Key	Facility ID	Distance (ft)	Direction
1	202056	0.00	-
2	200522	0.00	-
3	200523	0.00	-
4	201353	0.00	-
5	200645	570.35	SW
6	202452	1392.18	SSW
7	201412	0.00	-
9	200492	873.58	SW
11	200482	1704.92	SSW
12	203239	1500.45	SW

18	200501	139.38	WSW
20	200484	857.53	SW
22	268501	2034.09	SSW
24	200478	1457.83	SSW
26	200531	0.00	-
27	200480	380.79	SW
29	200500	1458.94	W
31	200529	0.00	-
32	202453	800.19	W
35	201503	2588.18	SSW
36	200477	0.00	-
39	203366	591.30	WNW
42	200896	2084.28	E
43	201286	1792.89	S
44	203494	666.03	WSW
45	200652	0.00	-
46	201265	3218.11	SSW
51	200536	0.00	-
52	226869	1984.43	N
53	200702	3113.90	SSW
54	200957	0.00	-
57	200663	2004.37	WSW
59	201199	2734.20	SSW
60	224632	1966.70	NNW
61	202617	4432.88	SSW
63	224649	2926.17	NNE
64	256582	3325.21	W
66	203117	1766.59	S
68	202606	2028.31	S
69	203198	0.00	-
70	224652	3245.97	NNW
71	202619	4421.56	SSW
72	201283	3974.80	SSW
73	200517	4938.84	E
75	224657	3230.39	NNW
77	203058	0.00	-
78	200470	645.79	SE
79	203210	651.12	SSE
82	224656	3200.31	NNW
83	200450	317.81	SSE
88	201328	0.00	-
89	203119	336.21	SSE
90	227385	3152.11	NW
91	224674	4541.43	NNW
92	203811	2121.96	W
94	203000	5236.14	SSW
95	200535	1107.55	WNW
96	200843	4398.94	SW
98	224676	4500.43	NNW
99	200448	2948.97	S
101	202960	0.00	-
102	200540	0.00	-
106	200475	2819.38	ESE
107	203062	703.30	ESE
109	201230	4534.16	S
110	201633	3334.20	SSE
111	203059	639.16	SE
113	202520	1956.85	SE
114	200474	438.49	WSW
115	200452	490.75	SE
119	226709	3178.49	NW
122	200431	4290.61	SE
124	200435	3364.29	SE
126	201823	3383.71	SE
129	202506	997.14	WSW
131	203371	3347.90	W

132	203381	2004.63	W
133	200433	3875.80	SE
135	202891	5047.05	SE
136	203304	3403.81	W
138	203293	2093.13	W
139	201386	936.29	W
140	203708	4403.53	W
141	203442	4485.50	W
142	200494	2779.35	W
143	203306	2408.55	W
144	202974	2088.25	W
145	203310	2513.04	W
148	202892	3230.36	W
149	203001	3147.72	WSW
151	203403	3818.63	W
152	200467	3308.60	WSW
153	202879	4469.39	WSW
155	200481	4802.72	W
156	200555	4573.11	WSW

Public Water Wells

Map Key	Well Name	Distance (ft)	Direction
86	SC00106620BDD	3157.17	S
147	SC00106012ABD1	5267.20	W

Water Wells Permit Database

Map Key	ID Key	Distance (ft)	Direction
8	0481012 357560	402.23	S
10	3624178A 75969	1114.94	SW
13	3625177 75969	527.34	WSW
14	9004197 199739	343.99	WSW
14	9003772 199739	343.99	WSW
17	3624178B 75969	179.10	WSW
19	9000126 192926	649.11	E
23	9002855 385305	0.00	-
23	9003489 385305	0.00	-
28	9004113 228335	0.00	-
30	9001005 154366	0.00	-
33	10008696 357560	0.00	-
34	10008697 357560	0.00	-
37	0024728A 481063	914.06	ENE
37	0024728A 382757	914.06	ENE
37	9005176 23386	914.06	ENE
37	0024728A 481064	914.06	ENE
38	0045225A 192926	93.88	WNW
40	9005028 25744	51.70	WSW
41	9004309 197369	708.53	S
47	0016732 249008	1322.17	NNW
48	3663703 100167	1803.52	S
49	3692897 408145	3688.02	ESE
50	3679841 132016	3683.90	E
55	0016786 192926	1917.14	N
56	0432845 354594	1194.31	SW
58	9002854 217897	0.00	-
62	3663697 100167	24.49	SSE
65	9000103 330704	437.75	WSW
65	9002995 232544	437.75	WSW
80	0912810 33528	434.29	WSW
81	0389591 226623	3151.14	SW
81	0389590 226623	3151.14	SW

Wells and Additional Sources Summary

81	0027001 226623	3151.14	SW
84	0303878B 347616	3626.08	W
84	0303878A 347616	3626.08	W
85	0055784A 228543	3685.43	W
85	0255784B 194001	3685.43	W
87	0015271A 40839	3448.40	W
97	9004107 69369	5091.70	ENE
103	0390831A 365788	4981.05	NNE
104	0390831B 365788	5003.82	NNE
105	9049031 267799	5015.64	NNE
108	0024017 192926	3320.96	ESE
112	0023481 192926	3947.42	ESE
116	10017129 455168	4573.12	SW
116	10017129 455170	4573.12	SW
116	10017129 455169	4573.12	SW
116	10017129 455167	4573.12	SW
117	3687447 390953	4654.80	SW
118	3644302A 132830	3263.61	W
118	3644302B 132830	3263.61	W
120	0022752 192926	4212.64	ESE
121	3608834D 326281	2877.12	WNW
121	9001933 315888	2877.12	WNW
123	C010090 256410	3607.65	WNW
123	C010091 256410	3607.65	WNW
125	9002615 10481	3020.75	WNW
125	3608834B 326281	3020.75	WNW
127	3608834A 326281	3014.37	WNW
128	9002617 10481	3119.95	WNW
130	3608834C 326281	3324.94	WNW
134	9048546 192926	3850.91	WNW

Wells and Additional Sources Detail Report

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	S	0.60	3,157.17	4,925.35	FED USGS

Loc Identifier:	USGS-395706103561701	Well Depth:	28.8
Date Drilled:		Well Depth Unit:	ft
Latitude:	39.9516508781727	Well Hole Depth:	
Longitude:	-103.938561895352	Well Hole Dpth Unt:	
Loc Horz Coord Std:	NAD83	Loc Country Name:	United States of America
Loc Latitude Stnd:	39.9516508781727	Loc HUC Code:	101900110405
Loc Longitude Stnd:	-103.938561895352	Loc Aquifer Code:	111VLFL
Loc Tribl Land Ind:		Loc Aquifer Conte:	
Loc Tribal Land:		Loc Aquifer Desc:	
Location Welltype:		Alt Loc Identif A:	
Alt Loc Identifier:		Alt Loc Identif B:	
Alt Loc Identif 1:		Alt Loc Identif C:	
Alt Loc Identifi 2:			
Site Type:	Well		
Formation Type:			
Reporting Agency:	U.S. Geological Survey		
Station Name:	SC00106620BDD		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
146	W	1.00	5,262.20	4,742.94	FED USGS

Loc Identifier:	USGS-395857104003301	Well Depth:	120.0
Date Drilled:		Well Depth Unit:	ft
Latitude:	39.9824844642722	Well Hole Depth:	
Longitude:	-104.009672511976	Well Hole Dpth Unt:	
Loc Horz Coord Std:	NAD83	Loc Country Name:	United States of America
Loc Latitude Stnd:	39.9824844642722	Loc HUC Code:	101900110406
Loc Longitude Stnd:	-104.009672511976	Loc Aquifer Code:	111VLFL
Loc Tribl Land Ind:		Loc Aquifer Conte:	
Loc Tribal Land:		Loc Aquifer Desc:	
Location Welltype:		Alt Loc Identif A:	
Alt Loc Identifier:		Alt Loc Identif B:	
Alt Loc Identif 1:		Alt Loc Identif C:	
Alt Loc Identifi 2:			
Site Type:	Well		
Formation Type:			
Reporting Agency:	U.S. Geological Survey		
Station Name:	SC00106012ABD1		

Oil and Gas Pit Locations

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	SW	0.21	1,090.64	4,863.55	PITS

Facil ID:	113723	Field Code:	74860
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	SWSW
Facil Name:	JOHNSON "H"	Field Name:	ROSENER
Facil Type:	PIT	API Seq:	
Facil Stat:	Closed	API County:	
Operat No:	36600	Section:	12
Loc ID:		Township:	1S
Pit ID:	113723	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.97391
State:		Longitude:	-103.941934
County:		UTM X:	590351
ZIP:		UTM Y:	4425397
Operator:	GULF OIL CORPORATION		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	SSW	0.36	1,889.24	4,914.83	PITS

Facil ID:	113725	Field Code:	74860
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	NWNE
Facil Name:	F.L. LINNEBUR	Field Name:	ROSENER
Facil Type:	PIT	API Seq:	
Facil Stat:		API County:	
Operat No:	98000	Section:	13
Loc ID:		Township:	1S
Pit ID:	113725	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.970836
State:		Longitude:	-103.935935
County:		UTM X:	590868
ZIP:		UTM Y:	4425062

Wells and Additional Sources Detail Report

Operator: XO EXPLORATION INC
Well No and Name:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	SSW	0.33	1,768.01	4,922.79	PITS

Facil ID:	101988	Field Code:	74860
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	NWNE
Facil Name:	LINNEBUR TANK BATTERY	Field Name:	ROSENER
Facil Type:	PIT	API Seq:	
Facil Stat:	Active	API County:	
Operat No:	22720	Section:	13
Loc ID:		Township:	1S
Pit ID:	101988	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.969434
State:		Longitude:	-103.935502
County:		UTM X:	590907
ZIP:		UTM Y:	4424907
Operator:	DART OIL CO		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SSW	0.27	1,433.79	4,878.16	PITS

Facil ID:	113724	Field Code:	74860
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	NWNW
Facil Name:	HINERMAN	Field Name:	ROSENER
Facil Type:	PIT	API Seq:	
Facil Stat:	Closed	API County:	
Operat No:	14175	Section:	13
Loc ID:	375081	Township:	1S
Pit ID:	113724	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.970638
State:		Longitude:	-103.940641

County:		UTM X:	590466
ZIP:		UTM Y:	4425036
Operator:	CARDINAL PETROLEUM CO		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	S	0.34	1,800.55	4,893.78	PITS

Facil ID:	101990	Field Code:	36800
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	NWNE
Facil Name:	LINNEBUR 24-1	Field Name:	HOMESTEAD
Facil Type:	PIT	API Seq:	
Facil Stat:		API County:	
Operat No:	22810	Section:	24
Loc ID:	320225	Township:	1S
Pit ID:	101990	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.954924
State:		Longitude:	-103.935262
County:		UTM X:	590946
ZIP:		UTM Y:	4423297
Operator:	DAWSON RESOURCES INC		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	S	0.34	1,800.55	4,893.78	PITS

Facil ID:	114187	Field Code:	36800
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	NWNE
Facil Name:	LINNEBUR 24-1	Field Name:	HOMESTEAD
Facil Type:	PIT	API Seq:	
Facil Stat:		API County:	
Operat No:	22810	Section:	24
Loc ID:	320225	Township:	1S
Pit ID:	114187	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	

Wells and Additional Sources Detail Report

City:		Latitude:	39.954924
State:		Longitude:	-103.935262
County:		UTM X:	590946
ZIP:		UTM Y:	4423297
Operator:	DAWSON RESOURCES INC		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NNW	0.57	3,011.61	4,887.65	PITS

Facil ID:	101111	Field Code:	67400
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	CNE
Facil Name:	COLORADO I BATTERY	Field Name:	PARK
Facil Type:	PIT	API Seq:	
Facil Stat:	Closed	API County:	
Operat No:	6160	Section:	35
Loc ID:		Township:	1N
Pit ID:	101111	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	40.009417
State:		Longitude:	-103.946691
County:		UTM X:	589899
ZIP:		UTM Y:	4429334
Operator:	BANEY WELL SERVICE INC		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	NNW	0.58	3,058.89	4,883.57	PITS

Facil ID:	116874	Field Code:	67400
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	SENE
Facil Name:	COLORADO "I"	Field Name:	PARK
Facil Type:	PIT	API Seq:	
Facil Stat:	Closed	API County:	
Operat No:	6160	Section:	35
Loc ID:	393439	Township:	1N
Pit ID:	116874	Range:	59W

Wells and Additional Sources Detail Report

Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	40.009546
State:		Longitude:	-103.94703
County:		UTM X:	589870
ZIP:		UTM Y:	4429348
Operator:	BANEY WELL SERVICE INC		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SSW	0.99	5,229.46	4,817.66	PITS

Facil ID:	114185	Field Code:	57000
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	SENE
Facil Name:	LINNEBUR 42-23	Field Name:	MUDDY CREEK
Facil Type:	PIT	API Seq:	
Facil Stat:	Closed	API County:	
Operat No:	2800	Section:	23
Loc ID:	376921	Township:	1S
Pit ID:	114185	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.952024
State:		Longitude:	-103.946902
County:		UTM X:	589956
ZIP:		UTM Y:	4422963
Operator:	ANADARKO E&P ONSHORE LLC		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
100	-	0.00	0.00	4,867.37	PITS

Facil ID:	114181	Field Code:	36500
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	SWSE
Facil Name:	POTTY BROWN 1	Field Name:	HOFFMAN CREEK
Facil Type:	PIT	API Seq:	
Facil Stat:	Closed	API County:	
Operat No:	83154	Section:	17

Wells and Additional Sources Detail Report

Loc ID:	376893	Township:	1S
Pit ID:	114181	Range:	58W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.958274
State:		Longitude:	-103.899101
County:		UTM X:	594031
ZIP:		UTM Y:	4423706
Operator:	STRATA PRODUCTION OPERATORS		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
124	SE	0.64	3,364.29	4,940.87	PITS

Facil ID:	101985	Field Code:	36500
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	NWSW
Facil Name:	JERI 1	Field Name:	HOFFMAN CREEK
Facil Type:	PIT	API Seq:	
Facil Stat:	Closed	API County:	
Operat No:	41385	Section:	21
Loc ID:	319635	Township:	1S
Pit ID:	101985	Range:	58W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.947454
State:		Longitude:	-103.88977
County:		UTM X:	594843
ZIP:		UTM Y:	4422515
Operator:	HS RESOURCES INC		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
137	W	0.40	2,096.03	4,755.93	PITS

Facil ID:	114184	Field Code:	56025
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	NESE
Facil Name:	DINO 1	Field Name:	MOORE
Facil Type:	PIT	API Seq:	

Wells and Additional Sources Detail Report

Facil Stat:	Closed	API County:	
Operat No:	62450	Section:	8
Loc ID:	377134	Township:	1S
Pit ID:	114184	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.976973
State:		Longitude:	-103.999714
County:		UTM X:	585414
ZIP:		UTM Y:	4425681
Operator:	NAUTILUS EQUIPMENT INC		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
150	WSW	0.61	3,217.94	4,750.42	PITS

Facil ID:	119381	Field Code:	56025
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	NENW
Facil Name:	FASSLER 1	Field Name:	MOORE
Facil Type:	PIT	API Seq:	
Facil Stat:	Closed	API County:	
Operat No:	23320	Section:	17
Loc ID:	376922	Township:	1S
Pit ID:	119381	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.969623
State:		Longitude:	-104.009054
County:		UTM X:	584625
ZIP:		UTM Y:	4424856
Operator:	DECLAR OIL & GAS INC		
Well No and Name:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
154	WSW	0.85	4,494.80	4,751.89	PITS

Facil ID:	101989	Field Code:	56025
Link FLD:		Dist N S:	
Pit No:		Dir N S:	
Symbol:		Dist E W:	
SDF Key:		Dir E W:	
Facil No:		Qtr Qtr:	NWNW

Wells and Additional Sources Detail Report

Facil Name:	ROSENER	Field Name:	MOORE
Facil Type:	PIT	API Seq:	
Facil Stat:	Closed	API County:	
Operat No:	23320	Section:	17
Loc ID:	376835	Township:	1S
Pit ID:	101989	Range:	59W
Company Name:		Meridian:	6
Address:		Ground Elev:	
City:		Latitude:	39.969583
State:		Longitude:	-104.013614
County:		UTM X:	584236
ZIP:		UTM Y:	4424847
Operator:	DECLAR OIL & GAS INC		
Well No and Name:			

Oil and Gas Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	-	0.00	0.00	4,932.30	OGW

API:	00107461	Loc fr N/S Sec Ln:	660
API Label:	05-001-07461	Sec Line Dir N/S:	North
API Seq Code:	07461	Loc fr E/W Sec Ln:	660
Well No:	1	Sec Line Dir E/W:	E
Well Name:	PIERCE	Qtr Qtr:	NENE
Well Title:	1 PIERCE	Section:	12
Well Class:	DA	Township:	1S
Facility ID:	202056	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.983833
Operator:	GIBSON* J W	Longitude:	-103.931762
Operator No:	34100	Grnd Lvl Elev:	4928
Field Code:	48300	UTM X:	591207
Field Name:	LASSO	UTM Y:	4426509
Spud Date:	7/16/1979	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	7/24/1979
Max Meas Dpt:	6290	Source Stat:	
Name:		Source Cnty:	
Location ID:	376220	Symbol:	
Location Name:	PIERCE-61S59W 12NENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	-	0.00	0.00	4,910.98	OGW

Wells and Additional Sources Detail Report

API:	00105561	Loc fr N/S Sec Ln:	660
API Label:	05-001-05561	Sec Line Dir N/S:	South
API Seq Code:	05561	Loc fr E/W Sec Ln:	660
Well No:	1	Sec Line Dir E/W:	E
Well Name:	BARBER	Qtr Qtr:	SESE
Well Title:	1 BARBER	Section:	1
Well Class:	DA	Township:	1S
Facility ID:	200522	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.987453
Operator:	KIMBARK OIL & GAS COMPANY	Longitude:	-103.931612
Operator No:	47700	Grnd Lvl Elev:	4905
Field Code:	99999	UTM X:	591215
Field Name:	WILDCAT	UTM Y:	4426911
Spud Date:	6/25/1961	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	7/3/1961
Max Meas Dpt:	6274	Source Stat:	
Name:		Source Cnty:	
Location ID:	375123	Symbol:	
Location Name:	BARBER-61S59W 1SESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	-	0.00	0.00	4,925.80	OGW

API:	00105562	Loc fr N/S Sec Ln:	660
API Label:	05-001-05562	Sec Line Dir N/S:	South
API Seq Code:	05562	Loc fr E/W Sec Ln:	660
Well No:	1	Sec Line Dir E/W:	W
Well Name:	PEARL	Qtr Qtr:	SWSW
Well Title:	1 PEARL	Section:	6
Well Class:	GW	Township:	1S
Facility ID:	200523	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.987243
Operator:	SKAER ENTERPRISES	Longitude:	-103.926912
Operator No:	79395	Grnd Lvl Elev:	4922
Field Code:	48300	UTM X:	591616
Field Name:	LASSO	UTM Y:	4426893
Spud Date:	8/26/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6344	Stat Date:	8/5/1963
Max Meas Dpt:	6344	Source Stat:	
Name:		Source Cnty:	

Wells and Additional Sources Detail Report

Location ID:	375124	Symbol:	
Location Name:	PEARL-61S58W 6SWSW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	-	0.00	0.00	4,989.84	OGW

API:	00106756	Loc fr N/S Sec Ln:	1980
API Label:	05-001-06756	Sec Line Dir N/S:	South
API Seq Code:	06756	Loc fr E/W Sec Ln:	660
Well No:	1	Sec Line Dir E/W:	W
Well Name:	PARK	Qtr Qtr:	NWSW
Well Title:	1 PARK	Section:	7
Well Class:	DA	Township:	1S
Facility ID:	201353	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.976354
Operator:	ALLISON DRILLING COMPANY INC	Longitude:	-103.927052
Operator No:	1350	Grnd Lvl Elev:	4983
Field Code:	99999	UTM X:	591619
Field Name:	WILDCAT	UTM Y:	4425684
Spud Date:	10/15/1973	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	10/22/1973
Max Meas Dpt:	6305	Source Stat:	
Name:		Source Cnty:	
Location ID:	375735	Symbol:	
Location Name:	PARK-61S58W 7NWSW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.11	570.35	4,880.37	OGW

API:	00106048	Loc fr N/S Sec Ln:	1980
API Label:	05-001-06048	Sec Line Dir N/S:	South
API Seq Code:	06048	Loc fr E/W Sec Ln:	1755
Well No:	1	Sec Line Dir E/W:	W
Well Name:	ROSENER	Qtr Qtr:	NESW
Well Title:	1 ROSENER	Section:	12
Well Class:	DA	Township:	1S
Facility ID:	200645	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.976903

Wells and Additional Sources Detail Report

Operator:	PLAINS EX	Longitude:	-103.939662
Operator No:	70500	Grnd Lvl Elev:	4879
Field Code:	74860	UTM X:	590542
Field Name:	ROSENER	UTM Y:	4425732
Spud Date:	8/16/1968	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	8/22/1968
Max Meas Dpt:	6267	Source Stat:	
Name:		Source Cnty:	
Location ID:	375241	Symbol:	
Location Name:	ROSENER-61S59W 12NESW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	SSW	0.26	1,392.18	4,905.85	OGW

API:	00107857	Loc fr N/S Sec Ln:	660
API Label:	05-001-07857	Sec Line Dir N/S:	South
API Seq Code:	07857	Loc fr E/W Sec Ln:	1701
Well No:	1	Sec Line Dir E/W:	E
Well Name:	PIERCE	Qtr Qtr:	SWSE
Well Title:	1 PIERCE	Section:	12
Well Class:	LO	Township:	1S
Facility ID:	202452	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	AL	Latitude:	39.973074
Operator:	PLATTE VALLEY PETRO ENERGY INC	Longitude:	-103.935462
Operator No:	70725	Grnd Lvl Elev:	4601
Field Code:	74860	UTM X:	590905
Field Name:	ROSENER	UTM Y:	4425311
Spud Date:		API County:	001
Citing Type:		API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	12/10/1981
Max Meas Dpt:		Source Stat:	
Name:		Source Cnty:	
Location ID:	376524	Symbol:	
Location Name:	PIERCE-61S59W 12SWSE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	ABANDONED LOCATION: PERMIT VACATED; PER OPERATOR: WELL HAS NOT BEEN SPUD.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	-	0.00	0.00	4,900.05	OGW

API:	00106815	Loc fr N/S Sec Ln:	1980

Wells and Additional Sources Detail Report

API Label:	05-001-06815	Sec Line Dir N/S:	South
API Seq Code:	06815	Loc fr E/W Sec Ln:	1950
Well No:	1	Sec Line Dir E/W:	W
Well Name:	PERLE	Qtr Qtr:	NESW
Well Title:	1 PERLE	Section:	6
Well Class:	DA	Township:	1S
Facility ID:	201412	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.990763
Operator:	EXETER DRILLING CO	Longitude:	-103.921992
Operator No:	28300	Grnd Lvl Elev:	4885
Field Code:	48300	UTM X:	592032
Field Name:	LASSO	UTM Y:	4427288
Spud Date:	4/30/1974	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	5/5/1974
Max Meas Dpt:	6300	Source Stat:	
Name:		Source Cnty:	
Location ID:	375774	Symbol:	
Location Name:	PERLE-61S58W 6NESW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SW	0.17	873.58	4,850.42	OGW

API:	00105528	Loc fr N/S Sec Ln:	1652
API Label:	05-001-05528	Sec Line Dir N/S:	South
API Seq Code:	05528	Loc fr E/W Sec Ln:	867
Well No:	H-2	Sec Line Dir E/W:	W
Well Name:	JOHNSON	Qtr Qtr:	NWSW
Well Title:	H-2 JOHNSON	Section:	12
Well Class:	OW	Township:	1S
Facility ID:	200492	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.976163
Operator:	BRITISH AMERICAN OIL PROD CO	Longitude:	-103.942792
Operator No:	10558	Grnd Lvl Elev:	4846
Field Code:	74860	UTM X:	590275
Field Name:	ROSENER	UTM Y:	4425647
Spud Date:	1/25/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	8/16/1962
Max Meas Dpt:	6280	Source Stat:	
Name:		Source Cnty:	
Location ID:	375096	Symbol:	

Wells and Additional Sources Detail Report

Location Name:	JOHNSON-61S59W 12NWSW	SDF Key:
Location Qualifer:	Planned Footage	
Facility Status Desc:	PLUGGED AND ABANDONED WELL.	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	SSW	0.32	1,704.92	4,902.73	OGW

API:	00105516	Loc fr N/S Sec Ln:	330
API Label:	05-001-05516	Sec Line Dir N/S:	South
API Seq Code:	05516	Loc fr E/W Sec Ln:	2310
Well No:	1	Sec Line Dir E/W:	W
Well Name:	ROSENER-JOHNSON	Qtr Qtr:	SESW
Well Title:	1 ROSENER-JOHNSON	Section:	12
Well Class:	OW	Township:	1S
Facility ID:	200482	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.972274
Operator:	JOHNSON* S D	Longitude:	-103.937522
Operator No:	44950	Grnd Lvl Elev:	4790
Field Code:	74860	UTM X:	590730
Field Name:	ROSENER	UTM Y:	4425220
Spud Date:	10/8/1954	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	10/1/1967
Max Meas Dpt:	6283	Source Stat:	
Name:		Source Cnty:	
Location ID:	375085	Symbol:	
Location Name:	ROSENER-JOHNSON-61S59W 12SESW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SW	0.28	1,500.45	4,883.34	OGW

API:	00108748	Loc fr N/S Sec Ln:	600
API Label:	05-001-08748	Sec Line Dir N/S:	South
API Seq Code:	08748	Loc fr E/W Sec Ln:	1751
Well No:	2	Sec Line Dir E/W:	W
Well Name:	ROSENER	Qtr Qtr:	SESW
Well Title:	2 ROSENER	Section:	12
Well Class:	DA	Township:	1S
Facility ID:	203239	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.973113
Operator:	FRITZLER* GENE	Longitude:	-103.939542

Wells and Additional Sources Detail Report

Operator No:	31255	Grnd Lvl Elev:	4880
Field Code:	74860	UTM X:	590557
Field Name:	ROSENER	UTM Y:	4425311
Spud Date:	11/5/1985	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6265	Stat Date:	11/10/1985
Max Meas Dpt:	6265	Source Stat:	
Name:		Source Cnty:	
Location ID:	377099	Symbol:	
Location Name:	ROSENER-61S59W 12SESW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	WSW	0.03	139.38	4,884.73	OGW

API:	00105537	Loc fr N/S Sec Ln:	2310
API Label:	05-001-05537	Sec Line Dir N/S:	North
API Seq Code:	05537	Loc fr E/W Sec Ln:	330
Well No:	1	Sec Line Dir E/W:	E
Well Name:	ROSENER-BAIN	Qtr Qtr:	SENE
Well Title:	1 ROSENER-BAIN	Section:	11
Well Class:	OW	Township:	1S
Facility ID:	200501	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.980283
Operator:	MACPET	Longitude:	-103.947202
Operator No:	50300	Grnd Lvl Elev:	4886
Field Code:	74860	UTM X:	589893
Field Name:	ROSENER	UTM Y:	4426100
Spud Date:	12/3/1954	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6315	Stat Date:	10/14/1969
Max Meas Dpt:	6315	Source Stat:	
Name:		Source Cnty:	
Location ID:	375104	Symbol:	
Location Name:	ROSENER-BAIN-61S59W 11SENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SW	0.16	857.53	4,875.53	OGW

API:	00105518	Loc fr N/S Sec Ln:	330
API Label:	05-001-05518	Sec Line Dir N/S:	South
API Seq Code:	05518	Loc fr E/W Sec Ln:	861

Wells and Additional Sources Detail Report

Well No:	1-H	Sec Line Dir E/W:	W
Well Name:	JOHNSON	Qtr Qtr:	SWSW
Well Title:	1-H JOHNSON	Section:	12
Well Class:	OW	Township:	1S
Facility ID:	200484	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.972533
Operator:	PLATTE VALLEY PETRO ENERGY INC	Longitude:	-103.942682
Operator No:	70725	Grnd Lvl Elev:	4872
Field Code:	74860	UTM X:	590289
Field Name:	ROSENER	UTM Y:	4425244
Spud Date:	12/18/1954	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	4/16/1984
Max Meas Dpt:	6278	Source Stat:	
Name:		Source Cnty:	
Location ID:	375087	Symbol:	
Location Name:	JOHNSON-61S59W 12SWSW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SSW	0.39	2,034.09	4,914.70	OGW

API:	00140011	Loc fr N/S Sec Ln:	660
API Label:	05-001-40011	Sec Line Dir N/S:	North
API Seq Code:	40011	Loc fr E/W Sec Ln:	1980
Well No:	1	Sec Line Dir E/W:	E
Well Name:	COX	Qtr Qtr:	NWNE
Well Title:	1 COX	Section:	13
Well Class:	LO	Township:	1S
Facility ID:	268501	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	AL	Latitude:	39.969504
Operator:	UNKNOWN	Longitude:	-103.936452
Operator No:	1	Grnd Lvl Elev:	
Field Code:	74860	UTM X:	590825
Field Name:	ROSENER	UTM Y:	4424914
Spud Date:		API County:	001
Citing Type:		API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	3/5/1957
Max Meas Dpt:		Source Stat:	
Name:		Source Cnty:	
Location ID:	377474	Symbol:	
Location Name:	COX-61S59W 13NWNE	SDF Key:	
Location Qualifer:	Planned Footage		

Facility Status Desc: ABANDONED LOCATION: PERMIT VACATED; PER OPERATOR: WELL HAS NOT BEEN SPUD.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	SSW	0.28	1,457.83	4,878.16	OGW

API:	00105512	Loc fr N/S Sec Ln:	330
API Label:	05-001-05512	Sec Line Dir N/S:	North
API Seq Code:	05512	Loc fr E/W Sec Ln:	1440
Well No:	31-13	Sec Line Dir E/W:	W
Well Name:	HINERMAN	Qtr Qtr:	NENW
Well Title:	31-13 HINERMAN	Section:	13
Well Class:	OW	Township:	1S
Facility ID:	200478	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.970614
Operator:	HICKMAN OIL OPERATING, INC	Longitude:	-103.940562
Operator No:	39900	Grnd Lvl Elev:	4873
Field Code:	74860	UTM X:	590473
Field Name:	ROSENER	UTM Y:	4425033
Spud Date:	12/14/1954	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6217	Stat Date:	1/14/1985
Max Meas Dpt:	6217	Source Stat:	
Name:		Source Cnty:	
Location ID:	375081	Symbol:	
Location Name:	HINERMAN-61S59W 13NENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	-	0.00	0.00	4,902.48	OGW

API:	00105571	Loc fr N/S Sec Ln:	1980
API Label:	05-001-05571	Sec Line Dir N/S:	North
API Seq Code:	05571	Loc fr E/W Sec Ln:	1842
Well No:	1	Sec Line Dir E/W:	W
Well Name:	PIERCE	Qtr Qtr:	NESW
Well Title:	1 PIERCE	Section:	1
Well Class:	DA	Township:	1S
Facility ID:	200531	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.995713
Operator:	BRITISH AMERICAN OIL PROD CO	Longitude:	-103.939932
Operator No:	10558	Grnd Lvl Elev:	4897
Field Code:	99999	UTM X:	590494

Field Name:	WILDCAT	UTM Y:	4427819
Spud Date:	3/17/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	3/26/1955
Max Meas Dpt:	6365	Source Stat:	
Name:		Source Cnty:	
Location ID:	375133	Symbol:	
Location Name:	PIERCE-61S59W 1NESW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	SW	0.07	380.79	4,875.20	OGW

API:	00105514	Loc fr N/S Sec Ln:	330
API Label:	05-001-05514	Sec Line Dir N/S:	North
API Seq Code:	05514	Loc fr E/W Sec Ln:	330
Well No:	11-13	Sec Line Dir E/W:	W
Well Name:	HINERMAN	Qtr Qtr:	NWNW
Well Title:	11-13 HINERMAN	Section:	13
Well Class:	DA	Township:	1S
Facility ID:	200480	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.970813
Operator:	SUPERIOR OIL COMPANY	Longitude:	-103.944512
Operator No:	85100	Grnd Lvl Elev:	4869
Field Code:	74860	UTM X:	590135
Field Name:	ROSENER	UTM Y:	4425051
Spud Date:	2/26/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	3/10/1955
Max Meas Dpt:	6255	Source Stat:	
Name:		Source Cnty:	
Location ID:	375083	Symbol:	
Location Name:	HINERMAN-61S59W 13NWNW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	W	0.28	1,458.94	4,862.64	OGW

API:	00105536	Loc fr N/S Sec Ln:	2310
API Label:	05-001-05536	Sec Line Dir N/S:	North
API Seq Code:	05536	Loc fr E/W Sec Ln:	1650
Well No:	2	Sec Line Dir E/W:	E
Well Name:	ROSENER-BAIN	Qtr Qtr:	SWNE

Wells and Additional Sources Detail Report

Well Title:	2 ROSENER-BAIN	Section:	11
Well Class:	DA	Township:	1S
Facility ID:	200500	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.980213
Operator:	JOHNSON* S D	Longitude:	-103.951912
Operator No:	44950	Grnd Lvl Elev:	4862
Field Code:	74860	UTM X:	589491
Field Name:	ROSENER	UTM Y:	4426087
Spud Date:	1/24/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	2/4/1955
Max Meas Dpt:	6232	Source Stat:	
Name:		Source Cnty:	
Location ID:	375103	Symbol:	
Location Name:	ROSENER-BAIN-61S59W 11SWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	-	0.00	0.00	4,867.71	OGW

API:	00105569	Loc fr N/S Sec Ln:	1981
API Label:	05-001-05569	Sec Line Dir N/S:	South
API Seq Code:	05569	Loc fr E/W Sec Ln:	614
Well No:	1	Sec Line Dir E/W:	E
Well Name:	PIERCE	Qtr Qtr:	NESE
Well Title:	1 PIERCE	Section:	2
Well Class:	OW	Township:	1S
Facility ID:	200529	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.992043
Operator:	GUIDA* ARTHUR M	Longitude:	-103.948602
Operator No:	36400	Grnd Lvl Elev:	4871
Field Code:	99999	UTM X:	589758
Field Name:	WILDCAT	UTM Y:	4427403
Spud Date:	8/23/1973	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	12/7/1973
Max Meas Dpt:	6295	Source Stat:	
Name:		Source Cnty:	
Location ID:	375131	Symbol:	
Location Name:	PIERCE-61S59W 2NESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	W	0.15	800.19	4,867.84	OGW

API:	00107858	Loc fr N/S Sec Ln:	660
API Label:	05-001-07858	Sec Line Dir N/S:	North
API Seq Code:	07858	Loc fr E/W Sec Ln:	1770
Well No:	31-11	Sec Line Dir E/W:	E
Well Name:	ROSENER	Qtr Qtr:	NWNE
Well Title:	31-11 ROSENER	Section:	11
Well Class:	DA	Township:	1S
Facility ID:	202453	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.984733
Operator:	KEBA OIL & GAS CO	Longitude:	-103.952503
Operator No:	46350	Grnd Lvl Elev:	4856
Field Code:	74860	UTM X:	589435
Field Name:	ROSENER	UTM Y:	4426588
Spud Date:	5/27/1981	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	6/2/1981
Max Meas Dpt:	6300	Source Stat:	
Name:		Source Cnty:	
Location ID:	376525	Symbol:	
Location Name:	ROSENER-61S59W 11NWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SSW	0.49	2,588.18	4,877.96	OGW

API:	00106906	Loc fr N/S Sec Ln:	1982
API Label:	05-001-06906	Sec Line Dir N/S:	North
API Seq Code:	06906	Loc fr E/W Sec Ln:	1680
Well No:	2	Sec Line Dir E/W:	W
Well Name:	HINERMAN	Qtr Qtr:	SENW
Well Title:	2 HINERMAN	Section:	13
Well Class:	DA	Township:	1S
Facility ID:	201503	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.966034
Operator:	BEARD OIL CO	Longitude:	-103.939552
Operator No:	6590	Grnd Lvl Elev:	4868
Field Code:	74860	UTM X:	590565
Field Name:	ROSENER	UTM Y:	4424526
Spud Date:	12/6/1974	API County:	001

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Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	12/14/1974
Max Meas Dpt:	6268	Source Stat:	
Name:		Source Cnty:	
Location ID:	375833	Symbol:	
Location Name:	HINERMAN-61S59W 13SENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	-	0.00	0.00	4,842.28	OGW

API:	00105511	Loc fr N/S Sec Ln:	330
API Label:	05-001-05511	Sec Line Dir N/S:	North
API Seq Code:	05511	Loc fr E/W Sec Ln:	990
Well No:	1	Sec Line Dir E/W:	E
Well Name:	MICHEL	Qtr Qtr:	NENE
Well Title:	1 MICHEL	Section:	18
Well Class:	DA	Township:	1S
Facility ID:	200477	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.969794
Operator:	SINCLAIR OIL & GAS COMPANY	Longitude:	-103.914181
Operator No:	100835	Grnd Lvl Elev:	4852
Field Code:	99999	UTM X:	592727
Field Name:	WILDCAT	UTM Y:	4424969
Spud Date:	9/3/1954	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	9/16/1954
Max Meas Dpt:	6270	Source Stat:	
Name:		Source Cnty:	
Location ID:	375080	Symbol:	
Location Name:	MICHEL-61S58W 18NENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	WNW	0.11	591.30	4,862.88	OGW

API:	00108875	Loc fr N/S Sec Ln:	1940
API Label:	05-001-08875	Sec Line Dir N/S:	South
API Seq Code:	08875	Loc fr E/W Sec Ln:	1861
Well No:	1	Sec Line Dir E/W:	E
Well Name:	NCRA STATE A	Qtr Qtr:	NWSE
Well Title:	1 NCRA STATE A	Section:	2
Well Class:	DA	Township:	1S

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Facility ID:	203366	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.991873
Operator:	NATIONAL COOP REFINERY ASSOC	Longitude:	-103.953043
Operator No:	62300	Grnd Lvl Elev:	4856
Field Code:	99999	UTM X:	589379
Field Name:	WILDCAT	UTM Y:	4427380
Spud Date:	9/3/1988	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	9/9/1988
Max Meas Dpt:	6340	Source Stat:	
Name:		Source Cnty:	
Location ID:	377180	Symbol:	
Location Name:	NCRA STATE A-61S59W 2NWSE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	E	0.39	2,084.28	4,827.81	OGW

API:	00106299	Loc fr N/S Sec Ln:	660
API Label:	05-001-06299	Sec Line Dir N/S:	North
API Seq Code:	06299	Loc fr E/W Sec Ln:	1960
Well No:	1	Sec Line Dir E/W:	W
Well Name:	PARK	Qtr Qtr:	NENW
Well Title:	1 PARK	Section:	8
Well Class:	DA	Township:	1S
Facility ID:	200896	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.983434
Operator:	STUBBS, JIM	Longitude:	-103.903711
Operator No:	83545	Grnd Lvl Elev:	4825
Field Code:	99999	UTM X:	593603
Field Name:	WILDCAT	UTM Y:	4426494
Spud Date:	6/5/1971	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	6/12/1971
Max Meas Dpt:	6112	Source Stat:	
Name:		Source Cnty:	
Location ID:	375436	Symbol:	
Location Name:	PARK-61S58W 8NENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	S	0.34	1,792.89	4,857.39	OGW

API:	00106689	Loc fr N/S Sec Ln:	1980
API Label:	05-001-06689	Sec Line Dir N/S:	South
API Seq Code:	06689	Loc fr E/W Sec Ln:	1756
Well No:	4	Sec Line Dir E/W:	E
Well Name:	LINNEBUR	Qtr Qtr:	NWSE
Well Title:	4 LINNEBUR	Section:	13
Well Class:	OW	Township:	1S
Facility ID:	201286	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PR	Latitude:	39.962244
Operator:	FRITZLER RESOURCES INC	Longitude:	-103.935545
Operator No:	31257	Grnd Lvl Elev:	4853
Field Code:	36800	UTM X:	590913
Field Name:	HOMESTEAD	UTM Y:	4424109
Spud Date:	5/28/1973	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6174	Stat Date:	5/1/2023
Max Meas Dpt:	6174	Source Stat:	
Name:		Source Cnty:	
Location ID:	319762	Symbol:	
Location Name:	LINNEBUR-61S59W 13NWSE	SDF Key:	
Location Qualifer:	ACTUAL LatLong		
Facility Status Desc:	PRODUCING WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	WSW	0.13	666.03	4,816.37	OGW

API:	00109054	Loc fr N/S Sec Ln:	660
API Label:	05-001-09054	Sec Line Dir N/S:	South
API Seq Code:	09054	Loc fr E/W Sec Ln:	1142
Well No:	1-11	Sec Line Dir E/W:	W
Well Name:	HINERMAN	Qtr Qtr:	SWSW
Well Title:	1-11 HINERMAN	Section:	11
Well Class:	DA	Township:	1S
Facility ID:	203494	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.973663
Operator:	NOLBURN ENERGY	Longitude:	-103.955613
Operator No:	63465	Grnd Lvl Elev:	4799
Field Code:	99999	UTM X:	589184
Field Name:	WILDCAT	UTM Y:	4425356
Spud Date:	12/28/1991	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	1/4/1992
Max Meas Dpt:	6220	Source Stat:	

Wells and Additional Sources Detail Report

Name:		Source Cnty:	
Location ID:	377232	Symbol:	
Location Name:	HINERMAN-61S59W 11SWSW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	-	0.00	0.00	4,850.06	OGW

API:	00106055	Loc fr N/S Sec Ln:	800
API Label:	05-001-06055	Sec Line Dir N/S:	North
API Seq Code:	06055	Loc fr E/W Sec Ln:	667
Well No:	1	Sec Line Dir E/W:	E
Well Name:	PERLE	Qtr Qtr:	NENE
Well Title:	1 PERLE	Section:	6
Well Class:	DA	Township:	1S
Facility ID:	200652	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.998973
Operator:	STATES OIL COMPANY	Longitude:	-103.911891
Operator No:	82088	Grnd Lvl Elev:	4842
Field Code:	99999	UTM X:	592883
Field Name:	WILDCAT	UTM Y:	4428210
Spud Date:	12/8/1968	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	12/14/1968
Max Meas Dpt:	6134	Source Stat:	
Name:		Source Cnty:	
Location ID:	375248	Symbol:	
Location Name:	PERLE-61S58W 6NENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	SSW	0.61	3,218.11	4,819.87	OGW

API:	00106668	Loc fr N/S Sec Ln:	1983
API Label:	05-001-06668	Sec Line Dir N/S:	South
API Seq Code:	06668	Loc fr E/W Sec Ln:	552
Well No:	2	Sec Line Dir E/W:	W
Well Name:	LINNEBUR	Qtr Qtr:	NWSW
Well Title:	2 LINNEBUR	Section:	13
Well Class:	DA	Township:	1S
Facility ID:	201265	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.962684

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Operator:	XO EXPLORATION INC	Longitude:	-103.943462
Operator No:	98000	Grnd Lvl Elev:	4814
Field Code:	36800	UTM X:	590236
Field Name:	HOMESTEAD	UTM Y:	4424150
Spud Date:	5/18/1973	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	9/12/1974
Max Meas Dpt:	6143	Source Stat:	
Name:		Source Cnty:	
Location ID:	375680	Symbol:	
Location Name:	LINNEBUR-61S59W 13NWSW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	-	0.00	0.00	4,842.70	OGW

API:	00105576	Loc fr N/S Sec Ln:	1977
API Label:	05-001-05576	Sec Line Dir N/S:	North
API Seq Code:	05576	Loc fr E/W Sec Ln:	2018
Well No:	2	Sec Line Dir E/W:	W
Well Name:	PIERCE	Qtr Qtr:	SENW
Well Title:	2 PIERCE	Section:	2
Well Class:	DA	Township:	1S
Facility ID:	200536	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.995873
Operator:	BRITISH AMERICAN OIL PROD CO	Longitude:	-103.956313
Operator No:	10558	Grnd Lvl Elev:	4830
Field Code:	99999	UTM X:	589095
Field Name:	WILDCAT	UTM Y:	4427821
Spud Date:	3/28/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	4/8/1955
Max Meas Dpt:	6270	Source Stat:	
Name:		Source Cnty:	
Location ID:	375138	Symbol:	
Location Name:	PIERCE-61S59W 2SENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	N	0.38	1,984.43	4,800.86	OGW

API:	08707608	Loc fr N/S Sec Ln:	1980

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API Label:	05-087-07608	Sec Line Dir N/S:	South
API Seq Code:	07608	Loc fr E/W Sec Ln:	1980
Well No:	1	Sec Line Dir E/W:	E
Well Name:	PARK-STATE	Qtr Qtr:	NWSE
Well Title:	1 PARK-STATE	Section:	36
Well Class:	DA	Township:	1N
Facility ID:	226869	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	40.006593
Operator:	THE TERMO COMPANY	Longitude:	-103.931342
Operator No:	86195	Grnd Lvl Elev:	4793
Field Code:	67400	UTM X:	591212
Field Name:	PARK	UTM Y:	4429036
Spud Date:	7/23/1981	API County:	087
Citing Type:	ACTUAL	API County Name:	MORGAN
Max Vt Dpt:	0	Stat Date:	8/1/1981
Max Meas Dpt:	6220	Source Stat:	
Name:		Source Cnty:	
Location ID:	395388	Symbol:	
Location Name:	PARK-STATE-61N59W 36NWSE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	SSW	0.59	3,113.90	4,804.41	OGW

API:	00106105	Loc fr N/S Sec Ln:	1980
API Label:	05-001-06105	Sec Line Dir N/S:	South
API Seq Code:	06105	Loc fr E/W Sec Ln:	600
Well No:	1	Sec Line Dir E/W:	E
Well Name:	LINNEBUR	Qtr Qtr:	NESE
Well Title:	1 LINNEBUR	Section:	14
Well Class:	DA	Township:	1S
Facility ID:	200702	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.962794
Operator:	STATES OIL COMPANY	Longitude:	-103.947562
Operator No:	82088	Grnd Lvl Elev:	4804
Field Code:	99999	UTM X:	589885
Field Name:	WILDCAT	UTM Y:	4424158
Spud Date:	1/26/1970	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	2/2/1970
Max Meas Dpt:	6160	Source Stat:	
Name:		Source Cnty:	
Location ID:	375292	Symbol:	

Wells and Additional Sources Detail Report

Location Name:	LINNEBUR-61S59W 14NESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	-	0.00	0.00	4,857.82	OGW

API:	00106360	Loc fr N/S Sec Ln:	685
API Label:	05-001-06360	Sec Line Dir N/S:	North
API Seq Code:	06360	Loc fr E/W Sec Ln:	1890
Well No:	2	Sec Line Dir E/W:	E
Well Name:	PIERCE	Qtr Qtr:	NWNE
Well Title:	2 PIERCE	Section:	2
Well Class:	DA	Township:	1S
Facility ID:	200957	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.999273
Operator:	PADCO LLC	Longitude:	-103.953363
Operator No:	24500	Grnd Lvl Elev:	4850
Field Code:	99999	UTM X:	589342
Field Name:	WILDCAT	UTM Y:	4428201
Spud Date:	9/24/1971	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	9/30/1971
Max Meas Dpt:	6297	Source Stat:	
Name:		Source Cnty:	
Location ID:	375486	Symbol:	
Location Name:	PIERCE-61S59W 2NWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	WSW	0.38	2,004.37	4,803.25	OGW

API:	00106066	Loc fr N/S Sec Ln:	1984
API Label:	05-001-06066	Sec Line Dir N/S:	South
API Seq Code:	06066	Loc fr E/W Sec Ln:	577
Well No:	1	Sec Line Dir E/W:	E
Well Name:	CALHOUN	Qtr Qtr:	NESE
Well Title:	1 CALHOUN	Section:	10
Well Class:	DA	Township:	1S
Facility ID:	200663	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.977313
Operator:	PADCO LLC	Longitude:	-103.962013
Operator No:	24500	Grnd Lvl Elev:	4769

Wells and Additional Sources Detail Report

Field Code:	99999	UTM X:	588632
Field Name:	WILDCAT	UTM Y:	4425755
Spud Date:	2/17/1969	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	2/24/1969
Max Meas Dpt:	6187	Source Stat:	
Name:		Source Cnty:	
Location ID:	375258	Symbol:	
Location Name:	CALHOUN-61S59W 10NESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SSW	0.52	2,734.20	4,836.57	OGW

API:	00106602	Loc fr N/S Sec Ln:	661
API Label:	05-001-06602	Sec Line Dir N/S:	South
API Seq Code:	06602	Loc fr E/W Sec Ln:	1624
Well No:	1	Sec Line Dir E/W:	W
Well Name:	LINNEBUR	Qtr Qtr:	SESW
Well Title:	1 LINNEBUR	Section:	13
Well Class:	GW	Township:	1S
Facility ID:	201199	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	SI	Latitude:	39.958747
Operator:	FRITZLER RESOURCES INC	Longitude:	-103.938893
Operator No:	31257	Grnd Lvl Elev:	4834
Field Code:	36800	UTM X:	590631
Field Name:	HOMESTEAD	UTM Y:	4423718
Spud Date:	11/2/1972	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6205	Stat Date:	8/1/2024
Max Meas Dpt:	6205	Source Stat:	
Name:		Source Cnty:	
Location ID:	319737	Symbol:	
Location Name:	LINNEBUR-61S59W 13SESW	SDF Key:	
Location Qualifer:	ACTUAL LatLong		
Facility Status Desc:	SHUT-IN WELL: COMPLETED WELL IS NOT PRODUCING BUT IS MECHANICALLY CAPABLE OF PRODUCTION.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	NNW	0.37	1,966.70	4,904.71	OGW

API:	08705013	Loc fr N/S Sec Ln:	1968
API Label:	05-087-05013	Sec Line Dir N/S:	South
API Seq Code:	05013	Loc fr E/W Sec Ln:	675

Wells and Additional Sources Detail Report

Well No:	2	Sec Line Dir E/W:	E
Well Name:	COLORADO I	Qtr Qtr:	NESE
Well Title:	2 COLORADO I	Section:	35
Well Class:	DA	Township:	1N
Facility ID:	224632	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	40.006553
Operator:	BRITISH AMERICAN OIL PROD CO	Longitude:	-103.945312
Operator No:	10558	Grnd Lvl Elev:	
Field Code:	67400	UTM X:	590020
Field Name:	PARK	UTM Y:	4429017
Spud Date:	1/10/1955	API County:	087
Citing Type:	ACTUAL	API County Name:	MORGAN
Max Vt Dpt:	0	Stat Date:	2/4/1955
Max Meas Dpt:	6565	Source Stat:	
Name:		Source Cnty:	
Location ID:	393416	Symbol:	
Location Name:	COLORADO I-61N59W 35NESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	SSW	0.84	4,432.88	4,827.60	OGW

API:	00108022	Loc fr N/S Sec Ln:	661
API Label:	05-001-08022	Sec Line Dir N/S:	South
API Seq Code:	08022	Loc fr E/W Sec Ln:	536
Well No:	44-14	Sec Line Dir E/W:	E
Well Name:	LINNEBUR	Qtr Qtr:	SESE
Well Title:	44-14 LINNEBUR	Section:	14
Well Class:	LO	Township:	1S
Facility ID:	202617	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	AL	Latitude:	39.959174
Operator:	NATIONAL HYDROCARBONS EXPL CO	Longitude:	-103.947212
Operator No:	62370	Grnd Lvl Elev:	4824
Field Code:	99999	UTM X:	589920
Field Name:	WILDCAT	UTM Y:	4423757
Spud Date:		API County:	001
Citing Type:		API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	6/30/1982
Max Meas Dpt:		Source Stat:	
Name:		Source Cnty:	
Location ID:	376646	Symbol:	
Location Name:	LINNEBUR-61S59W 14SESE	SDF Key:	
Location Qualifer:	Planned Footage		

Wells and Additional Sources Detail Report

Facility Status Desc: ABANDONED LOCATION: PERMIT VACATED; PER OPERATOR: WELL HAS NOT BEEN SPUD.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NNE	0.55	2,926.17	4,762.05	OGW

API:	08705030	Loc fr N/S Sec Ln:	2310
API Label:	05-087-05030	Sec Line Dir N/S:	North
API Seq Code:	05030	Loc fr E/W Sec Ln:	330
Well No:	1	Sec Line Dir E/W:	W
Well Name:	MILLS & HUNT	Qtr Qtr:	SWNW
Well Title:	1 MILLS & HUNT	Section:	31
Well Class:	DA	Township:	1N
Facility ID:	224649	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	40.009173
Operator:	BRADEN, HOOVER, KEJR	Longitude:	-103.923092
Operator No:	9510	Grnd Lvl Elev:	4767
Field Code:	99999	UTM X:	591913
Field Name:	WILDCAT	UTM Y:	4429331
Spud Date:	10/29/1954	API County:	087
Citing Type:	ACTUAL	API County Name:	MORGAN
Max Vt Dpt:	0	Stat Date:	11/17/1954
Max Meas Dpt:	6235	Source Stat:	
Name:		Source Cnty:	
Location ID:	393431	Symbol:	
Location Name:	MILLS & HUNT-61N58W 31SWNW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	W	0.63	3,325.21	4,777.85	OGW

API:	00109401	Loc fr N/S Sec Ln:	1992
API Label:	05-001-09401	Sec Line Dir N/S:	North
API Seq Code:	09401	Loc fr E/W Sec Ln:	1610
Well No:	2	Sec Line Dir E/W:	E
Well Name:	TWIN PEAKS	Qtr Qtr:	SWNE
Well Title:	2 TWIN PEAKS	Section:	10
Well Class:	DA	Township:	1S
Facility ID:	256582	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.980903
Operator:	O'BRIEN ENERGY RESOURCES CORP	Longitude:	-103.965973
Operator No:	65110	Grnd Lvl Elev:	4762
Field Code:	99999	UTM X:	588290

Wells and Additional Sources Detail Report

Field Name:	WILDCAT	UTM Y:	4426150
Spud Date:	2/24/2000	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	2/28/2000
Max Meas Dpt:	6199	Source Stat:	
Name:		Source Cnty:	
Location ID:	377378	Symbol:	
Location Name:	TWIN PEAKS-61S59W 10SWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	S	0.33	1,766.59	4,896.86	OGW

API:	00108525	Loc fr N/S Sec Ln:	660
API Label:	05-001-08525	Sec Line Dir N/S:	North
API Seq Code:	08525	Loc fr E/W Sec Ln:	1650
Well No:	24-1	Sec Line Dir E/W:	E
Well Name:	LINNEBUR	Qtr Qtr:	NWNE
Well Title:	24-1 LINNEBUR	Section:	24
Well Class:	GW	Township:	1S
Facility ID:	203117	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	SI	Latitude:	39.955038
Operator:	FRITZLER RESOURCES INC	Longitude:	-103.935175
Operator No:	31257	Grnd Lvl Elev:	4886
Field Code:	36800	UTM X:	590954
Field Name:	HOMESTEAD	UTM Y:	4423310
Spud Date:	12/19/1984	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6300	Stat Date:	2/1/2016
Max Meas Dpt:	6300	Source Stat:	
Name:		Source Cnty:	
Location ID:	320225	Symbol:	
Location Name:	LINNEBUR-61S59W 24NWNE	SDF Key:	
Location Qualifer:	ACTUAL LatLong		
Facility Status Desc:	SHUT-IN WELL: COMPLETED WELL IS NOT PRODUCING BUT IS MECHANICALLY CAPABLE OF PRODUCTION.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	S	0.38	2,028.31	4,875.46	OGW

API:	00108011	Loc fr N/S Sec Ln:	660
API Label:	05-001-08011	Sec Line Dir N/S:	North
API Seq Code:	08011	Loc fr E/W Sec Ln:	1920
Well No:	5	Sec Line Dir E/W:	E

Wells and Additional Sources Detail Report

Well Name:	LINNEBUR	Qtr Qtr:	NWNE
Well Title:	5 LINNEBUR	Section:	24
Well Class:	LO	Township:	1S
Facility ID:	202606	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	AL	Latitude:	39.954994
Operator:	XO EXPLORATION INC	Longitude:	-103.936132
Operator No:	98000	Grnd Lvl Elev:	4888
Field Code:	36800	UTM X:	590872
Field Name:	HOMESTEAD	UTM Y:	4423304
Spud Date:		API County:	001
Citing Type:		API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	4/30/1985
Max Meas Dpt:		Source Stat:	
Name:		Source Cnty:	
Location ID:	376636	Symbol:	
Location Name:	LINNEBUR-61S59W 24NWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	ABANDONED LOCATION: PERMIT VACATED; PER OPERATOR: WELL HAS NOT BEEN SPUD.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	-	0.00	0.00	4,927.23	OGW

API:	00108707	Loc fr N/S Sec Ln:	660
API Label:	05-001-08707	Sec Line Dir N/S:	South
API Seq Code:	08707	Loc fr E/W Sec Ln:	660
Well No:	44-18	Sec Line Dir E/W:	E
Well Name:	JENNIFER	Qtr Qtr:	SESE
Well Title:	44-18 JENNIFER	Section:	18
Well Class:	GW	Township:	1S
Facility ID:	203198	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.958184
Operator:	GRIFFIN *BENNIE C	Longitude:	-103.912971
Operator No:	35998	Grnd Lvl Elev:	4925
Field Code:	36500	UTM X:	592846
Field Name:	HOFFMAN CREEK	UTM Y:	4423682
Spud Date:	6/24/1985	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6300	Stat Date:	7/15/1988
Max Meas Dpt:	6300	Source Stat:	
Name:		Source Cnty:	
Location ID:	377068	Symbol:	
Location Name:	JENNIFER-61S58W 18SESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
70	NNW	0.61	3,245.97	4,860.79	OGW

API:	08705033	Loc fr N/S Sec Ln:	1970
API Label:	05-087-05033	Sec Line Dir N/S:	North
API Seq Code:	05033	Loc fr E/W Sec Ln:	656
Well No:	1	Sec Line Dir E/W:	W
Well Name:	COLORADO L	Qtr Qtr:	SWNW
Well Title:	1 COLORADO L	Section:	36
Well Class:	DA	Township:	1N
Facility ID:	224652	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	40.010063
Operator:	BRITISH AMERICAN ENGY RES INC	Longitude:	-103.940592
Operator No:	10552	Grnd Lvl Elev:	4859
Field Code:	67400	UTM X:	590418
Field Name:	PARK	UTM Y:	4429412
Spud Date:	4/12/1955	API County:	087
Citing Type:	ACTUAL	API County Name:	MORGAN
Max Vt Dpt:	0	Stat Date:	5/28/1955
Max Meas Dpt:	6303	Source Stat:	
Name:		Source Cnty:	
Location ID:	393434	Symbol:	
Location Name:	COLORADO L-61N59W 36SWNW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	SSW	0.84	4,421.56	4,802.65	OGW

API:	00108024	Loc fr N/S Sec Ln:	662
API Label:	05-001-08024	Sec Line Dir N/S:	South
API Seq Code:	08024	Loc fr E/W Sec Ln:	1609
Well No:	34-14	Sec Line Dir E/W:	E
Well Name:	LINNEBUR	Qtr Qtr:	SWSE
Well Title:	34-14 LINNEBUR	Section:	14
Well Class:	DA	Township:	1S
Facility ID:	202619	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.959184
Operator:	NATIONAL HYDROCARBONS EXPL CO	Longitude:	-103.951042
Operator No:	62370	Grnd Lvl Elev:	4796
Field Code:	99999	UTM X:	589593
Field Name:	WILDCAT	UTM Y:	4423754
Spud Date:	12/10/1981	API County:	001

Wells and Additional Sources Detail Report

Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6214	Stat Date:	12/16/1981
Max Meas Dpt:	6214	Source Stat:	
Name:		Source Cnty:	
Location ID:	376647	Symbol:	
Location Name:	LINNEBUR-61S59W 14SWSE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	SSW	0.75	3,974.80	4,894.66	OGW

API:	00106686	Loc fr N/S Sec Ln:	660
API Label:	05-001-06686	Sec Line Dir N/S:	North
API Seq Code:	06686	Loc fr E/W Sec Ln:	540
Well No:	3	Sec Line Dir E/W:	W
Well Name:	LINNEBUR	Qtr Qtr:	NWNW
Well Title:	3 LINNEBUR	Section:	24
Well Class:	DA	Township:	1S
Facility ID:	201283	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.955434
Operator:	XO EXPLORATION INC	Longitude:	-103.943252
Operator No:	98000	Grnd Lvl Elev:	4899
Field Code:	36800	UTM X:	590263
Field Name:	HOMESTEAD	UTM Y:	4423345
Spud Date:	5/24/1973	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	5/29/1973
Max Meas Dpt:	6230	Source Stat:	
Name:		Source Cnty:	
Location ID:	375689	Symbol:	
Location Name:	LINNEBUR-61S59W 24NWNW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	E	0.94	4,938.84	4,799.22	OGW

API:	00105555	Loc fr N/S Sec Ln:	330
API Label:	05-001-05555	Sec Line Dir N/S:	South
API Seq Code:	05555	Loc fr E/W Sec Ln:	330
Well No:	1	Sec Line Dir E/W:	E
Well Name:	GRAFING-MORAN	Qtr Qtr:	SESE
Well Title:	1 GRAFING-MORAN	Section:	5
Well Class:	DA	Township:	1S

Wells and Additional Sources Detail Report

Facility ID:	200517	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.986364
Operator:	TRIGOOD OIL CO	Longitude:	-103.893201
Operator No:	89990	Grnd Lvl Elev:	4793
Field Code:	99999	UTM X:	594496
Field Name:	WILDCAT	UTM Y:	4426830
Spud Date:	3/8/1956	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	3/18/1956
Max Meas Dpt:	6149	Source Stat:	
Name:		Source Cnty:	
Location ID:	375118	Symbol:	
Location Name:	GRAFING-MORAN-61S58W 5SESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
75	NNW	0.61	3,230.39	4,891.61	OGW

API:	08705038	Loc fr N/S Sec Ln:	1968
API Label:	05-087-05038	Sec Line Dir N/S:	North
API Seq Code:	05038	Loc fr E/W Sec Ln:	674
Well No:	1	Sec Line Dir E/W:	E
Well Name:	COLORADO I	Qtr Qtr:	SENE
Well Title:	1 COLORADO I	Section:	35
Well Class:	OW	Township:	1N
Facility ID:	224657	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	40.010023
Operator:	BANEY WELL SERVICE INC	Longitude:	-103.945343
Operator No:	6160	Grnd Lvl Elev:	4889
Field Code:	67400	UTM X:	590013
Field Name:	PARK	UTM Y:	4429402
Spud Date:	12/14/1954	API County:	087
Citing Type:	ACTUAL	API County Name:	MORGAN
Max Vt Dpt:		Stat Date:	12/18/2003
Max Meas Dpt:	6322	Source Stat:	
Name:		Source Cnty:	
Location ID:	393439	Symbol:	
Location Name:	COLORADO I-61N59W 35SENE (OWP)	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	-	0.00	0.00	4,830.92	OGW

API:	00108464	Loc fr N/S Sec Ln:	1950
API Label:	05-001-08464	Sec Line Dir N/S:	South
API Seq Code:	08464	Loc fr E/W Sec Ln:	1980
Well No:	1	Sec Line Dir E/W:	W
Well Name:	LANEY	Qtr Qtr:	NESW
Well Title:	1 LANEY	Section:	17
Well Class:	GW	Township:	1S
Facility ID:	203058	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.961784
Operator:	GOLDEN BEAR ENERGY INC	Longitude:	-103.903561
Operator No:	36000	Grnd Lvl Elev:	4828
Field Code:	36500	UTM X:	593645
Field Name:	HOFFMAN CREEK	UTM Y:	4424091
Spud Date:	8/17/1984	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6135	Stat Date:	12/17/1987
Max Meas Dpt:	6135	Source Stat:	
Name:		Source Cnty:	
Location ID:	376969	Symbol:	
Location Name:	LANEY-61S58W 17NESW (OWP)	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	SE	0.12	645.79	4,846.67	OGW

API:	00105504	Loc fr N/S Sec Ln:	1980
API Label:	05-001-05504	Sec Line Dir N/S:	North
API Seq Code:	05504	Loc fr E/W Sec Ln:	1980
Well No:	1	Sec Line Dir E/W:	E
Well Name:	MARIE HUNT	Qtr Qtr:	SWNE
Well Title:	1 MARIE HUNT	Section:	17
Well Class:	GW	Township:	1S
Facility ID:	200470	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.965414
Operator:	STRATA PRODUCTION OPERATORS	Longitude:	-103.899321
Operator No:	83154	Grnd Lvl Elev:	4842
Field Code:	36500	UTM X:	594002
Field Name:	HOFFMAN CREEK	UTM Y:	4424499
Spud Date:	4/12/1985	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6078	Stat Date:	9/23/1988

Max Meas Dpt:	6078	Source Stat:	
Name:		Source Cnty:	
Location ID:	375073	Symbol:	
Location Name:	MARIE HUNT-61S58W 17SWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	SSE	0.12	651.12	4,953.76	OGW

API:	00108719	Loc fr N/S Sec Ln:	660
API Label:	05-001-08719	Sec Line Dir N/S:	North
API Seq Code:	08719	Loc fr E/W Sec Ln:	1980
Well No:	31-19	Sec Line Dir E/W:	E
Well Name:	STAHR	Qtr Qtr:	NWNE
Well Title:	31-19 STAHR	Section:	19
Well Class:	DA	Township:	1S
Facility ID:	203210	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.954564
Operator:	GOLDEN BEAR ENERGY INC	Longitude:	-103.917691
Operator No:	36000	Grnd Lvl Elev:	4941
Field Code:	36500	UTM X:	592448
Field Name:	HOFFMAN CREEK	UTM Y:	4423275
Spud Date:	7/4/1985	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	7/10/1985
Max Meas Dpt:	6300	Source Stat:	
Name:		Source Cnty:	
Location ID:	377079	Symbol:	
Location Name:	STAHR-61S58W 19NWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
82	NNW	0.61	3,200.31	4,877.70	OGW

API:	08705037	Loc fr N/S Sec Ln:	1966
API Label:	05-087-05037	Sec Line Dir N/S:	North
API Seq Code:	05037	Loc fr E/W Sec Ln:	2021
Well No:	3	Sec Line Dir E/W:	E
Well Name:	COLORADO I	Qtr Qtr:	SWNE
Well Title:	3 COLORADO I	Section:	35
Well Class:	DSP	Township:	1N
Facility ID:	224656	Range:	59W
Facility Type:	WELL	Meridian:	6

Wells and Additional Sources Detail Report

Facility Status:	PA	Latitude:	40.009943
Operator:	BANEY WELL SERVICE INC	Longitude:	-103.950153
Operator No:	6160	Grnd Lvl Elev:	
Field Code:	67400	UTM X:	589603
Field Name:	PARK	UTM Y:	4429389
Spud Date:	2/10/1955	API County:	087
Citing Type:	ACTUAL	API County Name:	MORGAN
Max Vt Dpt:	0	Stat Date:	12/18/2003
Max Meas Dpt:	6332	Source Stat:	
Name:		Source Cnty:	
Location ID:	393438	Symbol:	
Location Name:	COLORADO I-61N59W 35SWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	SSE	0.06	317.81	4,954.11	OGW

API:	00105482	Loc fr N/S Sec Ln:	330
API Label:	05-001-05482	Sec Line Dir N/S:	North
API Seq Code:	05482	Loc fr E/W Sec Ln:	380
Well No:	1	Sec Line Dir E/W:	E
Well Name:	JENI	Qtr Qtr:	NENE
Well Title:	1 JENI	Section:	19
Well Class:	DA	Township:	1S
Facility ID:	200450	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.955464
Operator:	GRIFFIN *BENNIE C	Longitude:	-103.911971
Operator No:	35998	Grnd Lvl Elev:	4956
Field Code:	36500	UTM X:	592935
Field Name:	HOFFMAN CREEK	UTM Y:	4423381
Spud Date:	3/9/1989	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6330	Stat Date:	4/6/1989
Max Meas Dpt:		Source Stat:	
Name:		Source Cnty:	
Location ID:	375054	Symbol:	
Location Name:	JENI-61S58W 19NENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	-	0.00	0.00	4,817.66	OGW

API:	00106731	Loc fr N/S Sec Ln:	660

Wells and Additional Sources Detail Report

API Label:	05-001-06731	Sec Line Dir N/S:	North
API Seq Code:	06731	Loc fr E/W Sec Ln:	650
Well No:	1	Sec Line Dir E/W:	E
Well Name:	PIERCE	Qtr Qtr:	NENE
Well Title:	1 PIERCE	Section:	3
Well Class:	DA	Township:	1S
Facility ID:	201328	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.999393
Operator:	EXETER DRILLING CO	Longitude:	-103.966923
Operator No:	28300	Grnd Lvl Elev:	4813
Field Code:	99999	UTM X:	588185
Field Name:	WILDCAT	UTM Y:	4428201
Spud Date:	8/29/1973	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	9/3/1973
Max Meas Dpt:	6258	Source Stat:	
Name:		Source Cnty:	
Location ID:	375717	Symbol:	
Location Name:	PIERCE-61S59W 3NENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	SSE	0.06	336.21	4,933.97	OGW

API:	00108527	Loc fr N/S Sec Ln:	360
API Label:	05-001-08527	Sec Line Dir N/S:	North
API Seq Code:	08527	Loc fr E/W Sec Ln:	600
Well No:	1	Sec Line Dir E/W:	W
Well Name:	LAURA	Qtr Qtr:	NWNW
Well Title:	1 LAURA	Section:	20
Well Class:	GW	Township:	1S
Facility ID:	203119	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.955404
Operator:	GRIFFIN *BENNIE C	Longitude:	-103.908471
Operator No:	35998	Grnd Lvl Elev:	4922
Field Code:	36500	UTM X:	593234
Field Name:	HOFFMAN CREEK	UTM Y:	4423378
Spud Date:	10/3/1984	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6237	Stat Date:	7/8/1988
Max Meas Dpt:	6237	Source Stat:	
Name:		Source Cnty:	
Location ID:	377009	Symbol:	

Wells and Additional Sources Detail Report

Location Name:	LAURA-61S58W 20NWNW	SDF Key:
Location Qualifer:	Planned Footage	
Facility Status Desc:	PLUGGED AND ABANDONED WELL.	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
90	NW	0.60	3,152.11	4,871.58	OGW

API:	08740019	Loc fr N/S Sec Ln:	1980
API Label:	05-087-40019	Sec Line Dir N/S:	North
API Seq Code:	40019	Loc fr E/W Sec Ln:	1980
Well No:	6	Sec Line Dir E/W:	W
Well Name:	COLORADO I	Qtr Qtr:	SENW
Well Title:	6 COLORADO I	Section:	35
Well Class:	LO	Township:	1N
Facility ID:	227385	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	AL	Latitude:	40.009813
Operator:	BRITISH AMERICAN ENGY RES INC	Longitude:	-103.954873
Operator No:	10552	Grnd Lvl Elev:	
Field Code:	67400	UTM X:	589200
Field Name:	PARK	UTM Y:	4429369
Spud Date:		API County:	087
Citing Type:		API County Name:	MORGAN
Max Vt Dpt:		Stat Date:	11/15/1955
Max Meas Dpt:		Source Stat:	
Name:		Source Cnty:	
Location ID:	395875	Symbol:	
Location Name:	COLORADO I-61N59W 35SENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	ABANDONED LOCATION: PERMIT VACATED; PER OPERATOR: WELL HAS NOT BEEN SPUD.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
91	NNW	0.86	4,541.43	4,879.48	OGW

API:	08705056	Loc fr N/S Sec Ln:	656
API Label:	05-087-05056	Sec Line Dir N/S:	North
API Seq Code:	05056	Loc fr E/W Sec Ln:	673
Well No:	4	Sec Line Dir E/W:	E
Well Name:	COLORADO I	Qtr Qtr:	NENE
Well Title:	4 COLORADO I	Section:	35
Well Class:	OW	Township:	1N
Facility ID:	224674	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	40.013623
Operator:	BRITISH AMERICAN ENGY RES INC	Longitude:	-103.945383

Wells and Additional Sources Detail Report

Operator No:	10552	Grnd Lvl Elev:	4881
Field Code:	67400	UTM X:	590005
Field Name:	PARK	UTM Y:	4429802
Spud Date:	8/28/1955	API County:	087
Citing Type:	ACTUAL	API County Name:	MORGAN
Max Vt Dpt:	0	Stat Date:	3/5/1964
Max Meas Dpt:	6343	Source Stat:	
Name:		Source Cnty:	
Location ID:	393456	Symbol:	
Location Name:	COLORADO I-61N59W 35NENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	W	0.40	2,121.96	4,763.77	OGW

API:	00109371	Loc fr N/S Sec Ln:	2080
API Label:	05-001-09371	Sec Line Dir N/S:	South
API Seq Code:	09371	Loc fr E/W Sec Ln:	1500
Well No:	1	Sec Line Dir E/W:	W
Well Name:	TWIN PEAKS	Qtr Qtr:	NESW
Well Title:	1 TWIN PEAKS	Section:	10
Well Class:	DA	Township:	1S
Facility ID:	203811	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.977533
Operator:	O'BRIEN ENERGY RESOURCES CORP	Longitude:	-103.972933
Operator No:	65110	Grnd Lvl Elev:	4765
Field Code:	99999	UTM X:	587700
Field Name:	WILDCAT	UTM Y:	4425769
Spud Date:	1/12/1998	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	1/17/1998
Max Meas Dpt:	6201	Source Stat:	
Name:		Source Cnty:	
Location ID:	377364	Symbol:	
Location Name:	TWIN PEAKS-61S59W 10NESW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
94	SSW	0.99	5,236.14	4,817.66	OGW

API:	00108406	Loc fr N/S Sec Ln:	1967
API Label:	05-001-08406	Sec Line Dir N/S:	North

Wells and Additional Sources Detail Report

API Seq Code:	08406	Loc fr E/W Sec Ln:	526
Well No:	2	Sec Line Dir E/W:	E
Well Name:	LINNEBUR 42-23	Qtr Qtr:	SENE
Well Title:	2 LINNEBUR 42-23	Section:	23
Well Class:	GW	Township:	1S
Facility ID:	203000	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.951964
Operator:	ANADARKO E&P ONSHORE LLC	Longitude:	-103.946902
Operator No:	2800	Grnd Lvl Elev:	4813
Field Code:	57000	UTM X:	589956
Field Name:	MUDDY CREEK	UTM Y:	4422957
Spud Date:	6/11/1984	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	9/9/1991
Max Meas Dpt:	6240	Source Stat:	
Name:		Source Cnty:	
Location ID:	376921	Symbol:	
Location Name:	LINNEBUR 42-23-61S59W 23SENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
95	WNW	0.21	1,107.55	4,764.45	OGW

API:	00105575	Loc fr N/S Sec Ln:	2310
API Label:	05-001-05575	Sec Line Dir N/S:	South
API Seq Code:	05575	Loc fr E/W Sec Ln:	2310
Well No:	1	Sec Line Dir E/W:	W
Well Name:	BAIN	Qtr Qtr:	NESW
Well Title:	1 BAIN	Section:	3
Well Class:	DA	Township:	1S
Facility ID:	200535	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.992443
Operator:	MAXEY DRILLING COMPANY	Longitude:	-103.972233
Operator No:	54408	Grnd Lvl Elev:	4751
Field Code:	99999	UTM X:	587740
Field Name:	WILDCAT	UTM Y:	4427424
Spud Date:	9/27/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	10/6/1955
Max Meas Dpt:	6208	Source Stat:	
Name:		Source Cnty:	
Location ID:	375137	Symbol:	
Location Name:	BAIN-61S59W 3NESW	SDF Key:	

Location Qualifer: Planned Footage
Facility Status Desc: PLUGGED AND ABANDONED WELL.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
96	SW	0.83	4,398.94	4,843.25	OGW

API:	00106246	Loc fr N/S Sec Ln:	660
API Label:	05-001-06246	Sec Line Dir N/S:	South
API Seq Code:	06246	Loc fr E/W Sec Ln:	660
Well No:	1-15	Sec Line Dir E/W:	E
Well Name:	STATE	Qtr Qtr:	SESE
Well Title:	1-15 STATE	Section:	15
Well Class:	DA	Township:	1S
Facility ID:	200843	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.959184
Operator:	TIGER OIL COMPANY	Longitude:	-103.962203
Operator No:	88252	Grnd Lvl Elev:	4838
Field Code:	99999	UTM X:	588640
Field Name:	WILDCAT	UTM Y:	4423743
Spud Date:	2/1/1971	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	2/10/1971
Max Meas Dpt:	6273	Source Stat:	
Name:		Source Cnty:	
Location ID:	375397	Symbol:	
Location Name:	STATE-61S59W 15SESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
98	NNW	0.85	4,500.43	4,873.94	OGW

API:	08705058	Loc fr N/S Sec Ln:	665
API Label:	05-087-05058	Sec Line Dir N/S:	North
API Seq Code:	05058	Loc fr E/W Sec Ln:	2004
Well No:	5	Sec Line Dir E/W:	E
Well Name:	COLO I	Qtr Qtr:	NWNE
Well Title:	5 COLO I	Section:	35
Well Class:	DA	Township:	1N
Facility ID:	224676	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	40.013513
Operator:	BRITISH AMERICAN OIL PROD CO	Longitude:	-103.950133
Operator No:	10558	Grnd Lvl Elev:	4872

Wells and Additional Sources Detail Report

Field Code:	67400	UTM X:	589600
Field Name:	PARK	UTM Y:	4429785
Spud Date:	10/26/1955	API County:	087
Citing Type:	ACTUAL	API County Name:	MORGAN
Max Vt Dpt:	0	Stat Date:	11/6/1955
Max Meas Dpt:	6338	Source Stat:	
Name:		Source Cnty:	
Location ID:	393458	Symbol:	
Location Name:	COLO I-61N59W 35NWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
99	S	0.56	2,948.97	4,946.27	OGW

API:	00105480	Loc fr N/S Sec Ln:	2310
API Label:	05-001-05480	Sec Line Dir N/S:	South
API Seq Code:	05480	Loc fr E/W Sec Ln:	330
Well No:	1	Sec Line Dir E/W:	E
Well Name:	LINNEBUR	Qtr Qtr:	NESE
Well Title:	1 LINNEBUR	Section:	24
Well Class:	DA	Township:	1S
Facility ID:	200448	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.948344
Operator:	ENERGY MINERALS CORP	Longitude:	-103.930402
Operator No:	27550	Grnd Lvl Elev:	4942
Field Code:	99999	UTM X:	591370
Field Name:	WILDCAT	UTM Y:	4422572
Spud Date:	5/21/1954	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	6/11/1973
Max Meas Dpt:	6360	Source Stat:	
Name:		Source Cnty:	
Location ID:	375052	Symbol:	
Location Name:	LINNEBUR-61S59W 24NESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	-	0.00	0.00	4,866.09	OGW

API:	00108365	Loc fr N/S Sec Ln:	660
API Label:	05-001-08365	Sec Line Dir N/S:	South
API Seq Code:	08365	Loc fr E/W Sec Ln:	1910
Well No:	1	Sec Line Dir E/W:	E

Wells and Additional Sources Detail Report

Well Name:	POTTY BROWN	Qtr Qtr:	SWSE
Well Title:	1 POTTY BROWN	Section:	17
Well Class:	OW	Township:	1S
Facility ID:	202960	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.958284
Operator:	STRATA PRODUCTION OPERATORS	Longitude:	-103.898991
Operator No:	83154	Grnd Lvl Elev:	4865
Field Code:	36500	UTM X:	594040
Field Name:	HOFFMAN CREEK	UTM Y:	4423707
Spud Date:	1/16/1984	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6186	Stat Date:	6/14/1989
Max Meas Dpt:	6186	Source Stat:	
Name:		Source Cnty:	
Location ID:	376893	Symbol:	
Location Name:	POTTY BROWN-61S58W 17SWSE (OWP)	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
102	-	0.00	0.00	4,803.51	OGW

API:	00105580	Loc fr N/S Sec Ln:	733
API Label:	05-001-05580	Sec Line Dir N/S:	North
API Seq Code:	05580	Loc fr E/W Sec Ln:	1946
Well No:	3	Sec Line Dir E/W:	E
Well Name:	PIERCE	Qtr Qtr:	NWNE
Well Title:	3 PIERCE	Section:	3
Well Class:	DA	Township:	1S
Facility ID:	200540	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.999193
Operator:	BRITISH AMERICAN OIL PROD CO	Longitude:	-103.971493
Operator No:	10558	Grnd Lvl Elev:	4799
Field Code:	99999	UTM X:	587795
Field Name:	WILDCAT	UTM Y:	4428174
Spud Date:	4/7/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	4/16/1955
Max Meas Dpt:	6330	Source Stat:	
Name:		Source Cnty:	
Location ID:	375141	Symbol:	
Location Name:	PIERCE-61S59W 3NWNE	SDF Key:	
Location Qualifer:	Planned Footage		

Wells and Additional Sources Detail Report

Facility Status Desc: PLUGGED AND ABANDONED WELL.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
106	ESE	0.53	2,819.38	4,767.76	OGW

API:	00105509	Loc fr N/S Sec Ln:	660
API Label:	05-001-05509	Sec Line Dir N/S:	North
API Seq Code:	05509	Loc fr E/W Sec Ln:	1980
Well No:	1	Sec Line Dir E/W:	W
Well Name:	STATE	Qtr Qtr:	NENW
Well Title:	1 STATE	Section:	16
Well Class:	DA	Township:	1S
Facility ID:	200475	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.969194
Operator:	NEBRASKA DRILLERS INC	Longitude:	-103.88522
Operator No:	67157	Grnd Lvl Elev:	4763
Field Code:	99999	UTM X:	595201
Field Name:	WILDCAT	UTM Y:	4424933
Spud Date:	9/22/1958	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	10/3/1958
Max Meas Dpt:	6020	Source Stat:	
Name:		Source Cnty:	
Location ID:	375078	Symbol:	
Location Name:	STATE-61S58W 16NENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
107	ESE	0.13	703.30	4,867.25	OGW

API:	00108468	Loc fr N/S Sec Ln:	1980
API Label:	05-001-08468	Sec Line Dir N/S:	South
API Seq Code:	08468	Loc fr E/W Sec Ln:	660
Well No:	1	Sec Line Dir E/W:	W
Well Name:	DEE STATE	Qtr Qtr:	NWSW
Well Title:	1 DEE STATE	Section:	16
Well Class:	DA	Township:	1S
Facility ID:	203062	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.961974
Operator:	GOLDEN BEAR ENERGY INC	Longitude:	-103.88986
Operator No:	36000	Grnd Lvl Elev:	4860
Field Code:	36500	UTM X:	594815
Field Name:	HOFFMAN CREEK	UTM Y:	4424127

Wells and Additional Sources Detail Report

Spud Date:	6/27/1984	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6150	Stat Date:	7/4/1984
Max Meas Dpt:	6150	Source Stat:	
Name:		Source Cnty:	
Location ID:	376973	Symbol:	
Location Name:	DEE STATE-61S58W 16NWSW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
109	S	0.86	4,534.16	4,925.66	OGW

API:	00106633	Loc fr N/S Sec Ln:	927
API Label:	05-001-06633	Sec Line Dir N/S:	South
API Seq Code:	06633	Loc fr E/W Sec Ln:	1750
Well No:	1	Sec Line Dir E/W:	E
Well Name:	LLOYD	Qtr Qtr:	SWSE
Well Title:	1 LLOYD	Section:	24
Well Class:	DA	Township:	1S
Facility ID:	201230	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.944904
Operator:	ENERGY MINERALS CORP	Longitude:	-103.935392
Operator No:	27550	Grnd Lvl Elev:	4922
Field Code:	99999	UTM X:	590949
Field Name:	WILDCAT	UTM Y:	4422185
Spud Date:	2/11/1973	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	5/26/1973
Max Meas Dpt:	6320	Source Stat:	
Name:		Source Cnty:	
Location ID:	375659	Symbol:	
Location Name:	LLOYD-61S59W 24SWSE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
110	SSE	0.63	3,334.20	4,979.14	OGW

API:	00107036	Loc fr N/S Sec Ln:	1970
API Label:	05-001-07036	Sec Line Dir N/S:	South
API Seq Code:	07036	Loc fr E/W Sec Ln:	650
Well No:	1	Sec Line Dir E/W:	E
Well Name:	DAUGHERTY	Qtr Qtr:	NESE
Well Title:	1 DAUGHERTY	Section:	19

Wells and Additional Sources Detail Report

Well Class:	DA	Township:	1S
Facility ID:	201633	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.947184
Operator:	EXETER DRILLING CO	Longitude:	-103.913021
Operator No:	28300	Grnd Lvl Elev:	4977
Field Code:	99999	UTM X:	592857
Field Name:	WILDCAT	UTM Y:	4422461
Spud Date:	6/3/1975	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	6/10/1975
Max Meas Dpt:	6285	Source Stat:	
Name:		Source Cnty:	
Location ID:	375926	Symbol:	
Location Name:	DAUGHERTY-61S58W 19NESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
111	SE	0.12	639.16	4,857.43	OGW

API:	00108465	Loc fr N/S Sec Ln:	660
API Label:	05-001-08465	Sec Line Dir N/S:	North
API Seq Code:	08465	Loc fr E/W Sec Ln:	660
Well No:	1	Sec Line Dir E/W:	E
Well Name:	LIZ	Qtr Qtr:	NENE
Well Title:	1 LIZ	Section:	20
Well Class:	DA	Township:	1S
Facility ID:	203059	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.954704
Operator:	GOLDEN BEAR ENERGY INC	Longitude:	-103.8945
Operator No:	36000	Grnd Lvl Elev:	4846
Field Code:	36500	UTM X:	594429
Field Name:	HOFFMAN CREEK	UTM Y:	4423315
Spud Date:	6/11/1984	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	6/18/1984
Max Meas Dpt:	6226	Source Stat:	
Name:		Source Cnty:	
Location ID:	376970	Symbol:	
Location Name:	LIZ-61S58W 20NENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
113	SE	0.37	1,956.85	4,883.00	OGW

API:	00107925	Loc fr N/S Sec Ln:	1980
API Label:	05-001-07925	Sec Line Dir N/S:	North
API Seq Code:	07925	Loc fr E/W Sec Ln:	1980
Well No:	32-20	Sec Line Dir E/W:	E
Well Name:	SCHICK	Qtr Qtr:	SWNE
Well Title:	32-20 SCHICK	Section:	20
Well Class:	DA	Township:	1S
Facility ID:	202520	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.951034
Operator:	TIGER OIL COMPANY	Longitude:	-103.899201
Operator No:	88252	Grnd Lvl Elev:	4886
Field Code:	99999	UTM X:	594032
Field Name:	WILDCAT	UTM Y:	4422903
Spud Date:	7/29/1981	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	8/5/1981
Max Meas Dpt:	6185	Source Stat:	
Name:		Source Cnty:	
Location ID:	376576	Symbol:	
Location Name:	SCHICK-61S58W 20SWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
114	WSW	0.08	438.49	4,842.45	OGW

API:	00105508	Loc fr N/S Sec Ln:	658
API Label:	05-001-05508	Sec Line Dir N/S:	North
API Seq Code:	05508	Loc fr E/W Sec Ln:	678
Well No:	1-16	Sec Line Dir E/W:	E
Well Name:	STATE	Qtr Qtr:	NENE
Well Title:	1-16 STATE	Section:	16
Well Class:	DA	Township:	1S
Facility ID:	200474	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.969953
Operator:	JOHNSON* S D	Longitude:	-103.980733
Operator No:	44950	Grnd Lvl Elev:	4836
Field Code:	99999	UTM X:	587043
Field Name:	WILDCAT	UTM Y:	4424920
Spud Date:	9/2/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	9/13/1955

Max Meas Dpt:	6325	Source Stat:	
Name:		Source Cnty:	
Location ID:	375077	Symbol:	
Location Name:	STATE-61S59W 16NENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
115	SE	0.09	490.75	4,904.45	OGW

API:	00105484	Loc fr N/S Sec Ln:	330
API Label:	05-001-05484	Sec Line Dir N/S:	North
API Seq Code:	05484	Loc fr E/W Sec Ln:	330
Well No:	2	Sec Line Dir E/W:	W
Well Name:	BAILEY	Qtr Qtr:	NWNW
Well Title:	2 BAILEY	Section:	21
Well Class:	DA	Township:	1S
Facility ID:	200452	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.955634
Operator:	GINTHER WARREN & CO	Longitude:	-103.89098
Operator No:	34200	Grnd Lvl Elev:	4891
Field Code:	99999	UTM X:	594728
Field Name:	WILDCAT	UTM Y:	4423422
Spud Date:	11/26/1954	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	12/6/1954
Max Meas Dpt:	6200	Source Stat:	
Name:		Source Cnty:	
Location ID:	375056	Symbol:	
Location Name:	BAILEY-61S58W 21NWNW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
119	NW	0.60	3,178.49	4,809.98	OGW

API:	08707447	Loc fr N/S Sec Ln:	1980
API Label:	05-087-07447	Sec Line Dir N/S:	North
API Seq Code:	07447	Loc fr E/W Sec Ln:	1980
Well No:	1	Sec Line Dir E/W:	W
Well Name:	COLORADO STATE	Qtr Qtr:	SENW
Well Title:	1 COLORADO STATE	Section:	34
Well Class:	DA	Township:	1N
Facility ID:	226709	Range:	59W
Facility Type:	WELL	Meridian:	6

Wells and Additional Sources Detail Report

Facility Status:	PA	Latitude:	40.009893
Operator:	PADCO LLC	Longitude:	-103.973873
Operator No:	24500	Grnd Lvl Elev:	4811
Field Code:	99999	UTM X:	587578
Field Name:	WILDCAT	UTM Y:	4429359
Spud Date:	6/9/1978	API County:	087
Citing Type:	ACTUAL	API County Name:	MORGAN
Max Vt Dpt:	0	Stat Date:	6/15/1978
Max Meas Dpt:	6290	Source Stat:	
Name:		Source Cnty:	
Location ID:	395247	Symbol:	
Location Name:	COLORADO STATE-61N59W 34SENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
122	SE	0.81	4,290.61	4,921.34	OGW

API:	00105463	Loc fr N/S Sec Ln:	990
API Label:	05-001-05463	Sec Line Dir N/S:	South
API Seq Code:	05463	Loc fr E/W Sec Ln:	990
Well No:	1	Sec Line Dir E/W:	E
Well Name:	JESSI-STATE	Qtr Qtr:	SESE
Well Title:	1 JESSI-STATE	Section:	20
Well Class:	DA	Township:	1S
Facility ID:	200431	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.944664
Operator:	GRIFFIN RESOURCES CO	Longitude:	-103.89564
Operator No:	36020	Grnd Lvl Elev:	4920
Field Code:	36500	UTM X:	594345
Field Name:	HOFFMAN CREEK	UTM Y:	4422199
Spud Date:	1/13/1987	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	2/12/1987
Max Meas Dpt:	6205	Source Stat:	
Name:		Source Cnty:	
Location ID:	375036	Symbol:	
Location Name:	JESSI-STATE-61S58W 20SESE (OWP)	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
124	SE	0.64	3,364.29	4,940.87	OGW

Wells and Additional Sources Detail Report

API:	00105467	Loc fr N/S Sec Ln:	1980
API Label:	05-001-05467	Sec Line Dir N/S:	South
API Seq Code:	05467	Loc fr E/W Sec Ln:	663
Well No:	1	Sec Line Dir E/W:	W
Well Name:	JERI	Qtr Qtr:	NWSW
Well Title:	1 JERI	Section:	21
Well Class:	OW	Township:	1S
Facility ID:	200435	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.94746
Operator:	HILCORP ENERGY COMPANY	Longitude:	-103.88977
Operator No:	10133	Grnd Lvl Elev:	4936
Field Code:	36500	UTM X:	594843
Field Name:	HOFFMAN CREEK	UTM Y:	4422516
Spud Date:	6/23/1982	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6198	Stat Date:	9/29/2011
Max Meas Dpt:	6198	Source Stat:	
Name:		Source Cnty:	
Location ID:	319635	Symbol:	
Location Name:	JERI-61S58W 21NWSW	SDF Key:	
Location Qualifer:	ACTUAL LatLong		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
126	SE	0.64	3,383.71	4,877.19	OGW

API:	00107227	Loc fr N/S Sec Ln:	660
API Label:	05-001-07227	Sec Line Dir N/S:	North
API Seq Code:	07227	Loc fr E/W Sec Ln:	1980
Well No:	1	Sec Line Dir E/W:	E
Well Name:	REYNOLDS	Qtr Qtr:	NWNE
Well Title:	1 REYNOLDS	Section:	21
Well Class:	DA	Township:	1S
Facility ID:	201823	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.954744
Operator:	SUMMIT OIL CO	Longitude:	-103.88048
Operator No:	83700	Grnd Lvl Elev:	4867
Field Code:	99999	UTM X:	595626
Field Name:	WILDCAT	UTM Y:	4423334
Spud Date:	3/29/1977	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	4/6/1977
Max Meas Dpt:	6107	Source Stat:	
Name:		Source Cnty:	

Wells and Additional Sources Detail Report

Location ID:	376066	Symbol:	
Location Name:	REYNOLDS-61S58W 21NWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
129	WSW	0.19	997.14	4,845.88	OGW

API:	00107911	Loc fr N/S Sec Ln:	1980
API Label:	05-001-07911	Sec Line Dir N/S:	North
API Seq Code:	07911	Loc fr E/W Sec Ln:	2010
Well No:	1	Sec Line Dir E/W:	W
Well Name:	STATE ROSENER	Qtr Qtr:	SENW
Well Title:	1 STATE ROSENER	Section:	16
Well Class:	DA	Township:	1S
Facility ID:	202506	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.966183
Operator:	THE TERMO COMPANY	Longitude:	-103.990564
Operator No:	86195	Grnd Lvl Elev:	4832
Field Code:	99999	UTM X:	586208
Field Name:	WILDCAT	UTM Y:	4424492
Spud Date:	8/2/1981	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	8/11/1981
Max Meas Dpt:	6325	Source Stat:	
Name:		Source Cnty:	
Location ID:	376565	Symbol:	
Location Name:	STATE ROSENER-61S59W 16SENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
131	W	0.63	3,347.90	4,799.03	OGW

API:	00108880	Loc fr N/S Sec Ln:	1980
API Label:	05-001-08880	Sec Line Dir N/S:	North
API Seq Code:	08880	Loc fr E/W Sec Ln:	660
Well No:	1	Sec Line Dir E/W:	W
Well Name:	DITUS-METLI	Qtr Qtr:	SWNW
Well Title:	1 DITUS-METLI	Section:	9
Well Class:	DA	Township:	1S
Facility ID:	203371	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.980683

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Operator:	MECO OPERATING CORP.	Longitude:	-103.994984
Operator No:	56410	Grnd Lvl Elev:	4774
Field Code:	56025	UTM X:	585813
Field Name:	MOORE	UTM Y:	4426097
Spud Date:	10/1/1989	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6312	Stat Date:	3/7/1989
Max Meas Dpt:	6312	Source Stat:	
Name:		Source Cnty:	
Location ID:	377181	Symbol:	
Location Name:	DITUS-METLI-61S59W 9SWNW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
132	W	0.38	2,004.63	4,791.76	OGW

API:	00108890	Loc fr N/S Sec Ln:	1983
API Label:	05-001-08890	Sec Line Dir N/S:	South
API Seq Code:	08890	Loc fr E/W Sec Ln:	660
Well No:	12-9	Sec Line Dir E/W:	W
Well Name:	DIANA	Qtr Qtr:	NWSW
Well Title:	12-9 DIANA	Section:	9
Well Class:	DA	Township:	1S
Facility ID:	203381	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.976993
Operator:	IDG EXPLORATION INC	Longitude:	-103.995084
Operator No:	42665	Grnd Lvl Elev:	4779
Field Code:	56025	UTM X:	585809
Field Name:	MOORE	UTM Y:	4425687
Spud Date:	3/1/1989	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6306	Stat Date:	4/28/1989
Max Meas Dpt:	6306	Source Stat:	
Name:		Source Cnty:	
Location ID:	377187	Symbol:	
Location Name:	DIANA-61S59W 9NWSW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
133	SE	0.73	3,875.80	4,929.85	OGW

API:	00105465	Loc fr N/S Sec Ln:	1980
API Label:	05-001-05465	Sec Line Dir N/S:	South

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API Seq Code:	05465	Loc fr E/W Sec Ln:	1985
Well No:	1	Sec Line Dir E/W:	W
Well Name:	BAILEY	Qtr Qtr:	NESW
Well Title:	1 BAILEY	Section:	21
Well Class:	DA	Township:	1S
Facility ID:	200433	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.947444
Operator:	SUNDANCE OIL COMPANY	Longitude:	-103.88504
Operator No:	84028	Grnd Lvl Elev:	4918
Field Code:	99999	UTM X:	595247
Field Name:	WILDCAT	UTM Y:	4422519
Spud Date:	5/2/1962	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	5/8/1962
Max Meas Dpt:	6171	Source Stat:	
Name:		Source Cnty:	
Location ID:	375038	Symbol:	
Location Name:	BAILEY-61S58W 21NESW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
135	SE	0.96	5,047.05	4,926.43	OGW

API:	00108296	Loc fr N/S Sec Ln:	660
API Label:	05-001-08296	Sec Line Dir N/S:	South
API Seq Code:	08296	Loc fr E/W Sec Ln:	1980
Well No:	1	Sec Line Dir E/W:	W
Well Name:	EDNA ANN	Qtr Qtr:	SESW
Well Title:	1 EDNA ANN	Section:	21
Well Class:	LO	Township:	1S
Facility ID:	202891	Range:	58W
Facility Type:	WELL	Meridian:	6
Facility Status:	AL	Latitude:	39.943814
Operator:	GRIFFIN OIL & GAS, INC.	Longitude:	-103.88504
Operator No:	36030	Grnd Lvl Elev:	
Field Code:	36500	UTM X:	595252
Field Name:	HOFFMAN CREEK	UTM Y:	4422116
Spud Date:		API County:	001
Citing Type:		API County Name:	ADAMS
Max Vt Dpt:		Stat Date:	6/27/1984
Max Meas Dpt:		Source Stat:	
Name:		Source Cnty:	
Location ID:	376843	Symbol:	
Location Name:	EDNA ANN-61S58W 21SESW	SDF Key:	

Location Qualifer: Planned Footage
Facility Status Desc: ABANDONED LOCATION: PERMIT VACATED; PER OPERATOR: WELL HAS NOT BEEN SPUD.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
136	W	0.64	3,403.81	4,748.44	OGW

API:	00108813	Loc fr N/S Sec Ln:	1980
API Label:	05-001-08813	Sec Line Dir N/S:	North
API Seq Code:	08813	Loc fr E/W Sec Ln:	685
Well No:	2 DINO	Sec Line Dir E/W:	E
Well Name:	LINNEBAR BROS	Qtr Qtr:	SENE
Well Title:	2 DINO LINNEBAR BROS	Section:	8
Well Class:	DA	Township:	1S
Facility ID:	203304	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.980653
Operator:	NAUTILUS EQUIPMENT INC	Longitude:	-103.999784
Operator No:	62450	Grnd Lvl Elev:	4750
Field Code:	99999	UTM X:	585403
Field Name:	WILDCAT	UTM Y:	4426089
Spud Date:	3/11/1987	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6315	Stat Date:	3/17/1987
Max Meas Dpt:	6315	Source Stat:	
Name:		Source Cnty:	
Location ID:	377138	Symbol:	
Location Name:	LINNEBAR BROS-61S59W 8SENE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
138	W	0.40	2,093.13	4,754.72	OGW

API:	00108802	Loc fr N/S Sec Ln:	1980
API Label:	05-001-08802	Sec Line Dir N/S:	South
API Seq Code:	08802	Loc fr E/W Sec Ln:	675
Well No:	1	Sec Line Dir E/W:	E
Well Name:	DINO	Qtr Qtr:	NESE
Well Title:	1 DINO	Section:	8
Well Class:	OW	Township:	1S
Facility ID:	203293	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.976933
Operator:	NAUTILUS EQUIPMENT INC	Longitude:	-103.999844
Operator No:	62450	Grnd Lvl Elev:	4746
Field Code:	56025	UTM X:	585403

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Field Name:	MOORE	UTM Y:	4425676
Spud Date:	12/23/1987	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6282	Stat Date:	6/17/1991
Max Meas Dpt:	6282	Source Stat:	
Name:		Source Cnty:	
Location ID:	377134	Symbol:	
Location Name:	DINO-61S59W 8NESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
139	W	0.18	936.29	4,783.15	OGW

API:	00106789	Loc fr N/S Sec Ln:	662
API Label:	05-001-06789	Sec Line Dir N/S:	South
API Seq Code:	06789	Loc fr E/W Sec Ln:	650
Well No:	1	Sec Line Dir E/W:	E
Well Name:	LINNEBUR A	Qtr Qtr:	SESE
Well Title:	1 LINNEBUR A	Section:	8
Well Class:	DA	Township:	1S
Facility ID:	201386	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.973313
Operator:	SUMMIT OIL CO	Longitude:	-103.999854
Operator No:	83700	Grnd Lvl Elev:	4780
Field Code:	99999	UTM X:	585406
Field Name:	WILDCAT	UTM Y:	4425274
Spud Date:	2/4/1974	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	2/12/1974
Max Meas Dpt:	6340	Source Stat:	
Name:		Source Cnty:	
Location ID:	375761	Symbol:	
Location Name:	LINNEBUR A-61S59W 8SESE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
140	W	0.83	4,403.53	4,742.66	OGW

API:	00109268	Loc fr N/S Sec Ln:	1250
API Label:	05-001-09268	Sec Line Dir N/S:	North
API Seq Code:	09268	Loc fr E/W Sec Ln:	1760
Well No:	2	Sec Line Dir E/W:	E
Well Name:	ROSENER	Qtr Qtr:	NWNE

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Well Title:	2 ROSENER	Section:	8
Well Class:	DA	Township:	1S
Facility ID:	203708	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.982633
Operator:	BARNES PETROLEUM CORPORATION	Longitude:	-104.003564
Operator No:	6420	Grnd Lvl Elev:	4741
Field Code:	56025	UTM X:	585078
Field Name:	MOORE	UTM Y:	4426305
Spud Date:	11/28/1994	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	12/4/1994
Max Meas Dpt:	6305	Source Stat:	
Name:		Source Cnty:	
Location ID:	377311	Symbol:	
Location Name:	ROSENER-61S59W 8NWNE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
141	W	0.85	4,485.50	4,742.65	OGW

API:	00109001	Loc fr N/S Sec Ln:	1200
API Label:	05-001-09001	Sec Line Dir N/S:	North
API Seq Code:	09001	Loc fr E/W Sec Ln:	1860
Well No:	1 (OWP)	Sec Line Dir E/W:	E
Well Name:	ROSENER	Qtr Qtr:	NWNE
Well Title:	1 (OWP) ROSENER	Section:	8
Well Class:	GW	Township:	1S
Facility ID:	203442	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.982763
Operator:	BARNES PETROLEUM CORPORATION	Longitude:	-104.003914
Operator No:	6420	Grnd Lvl Elev:	4741
Field Code:	56025	UTM X:	585048
Field Name:	MOORE	UTM Y:	4426319
Spud Date:	1/9/1991	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	5/18/2021
Max Meas Dpt:	6356	Source Stat:	
Name:		Source Cnty:	
Location ID:	320319	Symbol:	
Location Name:	ROSENER-61S59W 8NWNE (OWP)	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
142	W	0.53	2,779.35	4,743.88	OGW

API:	00105530	Loc fr N/S Sec Ln:	1980
API Label:	05-001-05530	Sec Line Dir N/S:	South
API Seq Code:	05530	Loc fr E/W Sec Ln:	1980
Well No:	1	Sec Line Dir E/W:	E
Well Name:	ROSENER	Qtr Qtr:	NWSE
Well Title:	1 ROSENER	Section:	8
Well Class:	DA	Township:	1S
Facility ID:	200494	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.976893
Operator:	NEW DRILLING COMPANY	Longitude:	-104.004504
Operator No:	62500	Grnd Lvl Elev:	4744
Field Code:	99999	UTM X:	585005
Field Name:	WILDCAT	UTM Y:	4425667
Spud Date:	2/15/1956	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	2/25/1956
Max Meas Dpt:	6320	Source Stat:	
Name:		Source Cnty:	
Location ID:	375098	Symbol:	
Location Name:	ROSENER-61S59W 8NWSE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
143	W	0.46	2,408.55	4,743.20	OGW

API:	00108815	Loc fr N/S Sec Ln:	1280
API Label:	05-001-08815	Sec Line Dir N/S:	South
API Seq Code:	08815	Loc fr E/W Sec Ln:	2056
Well No:	4 DINO	Sec Line Dir E/W:	E
Well Name:	LINNEBUR BROS	Qtr Qtr:	W2SE
Well Title:	4 DINO LINNEBUR BROS	Section:	8
Well Class:	DA	Township:	1S
Facility ID:	203306	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.974963
Operator:	NAUTILUS EQUIPMENT INC	Longitude:	-104.004824
Operator No:	62450	Grnd Lvl Elev:	4750
Field Code:	99999	UTM X:	584980
Field Name:	WILDCAT	UTM Y:	4425453
Spud Date:	3/17/1987	API County:	001

Wells and Additional Sources Detail Report

Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6370	Stat Date:	4/5/1987
Max Meas Dpt:	6370	Source Stat:	
Name:		Source Cnty:	
Location ID:	377140	Symbol:	
Location Name:	LINNEBUR BROS-61S59W 8W2SE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
144	W	0.40	2,088.25	4,745.77	OGW

API:	00108380	Loc fr N/S Sec Ln:	660
API Label:	05-001-08380	Sec Line Dir N/S:	South
API Seq Code:	08380	Loc fr E/W Sec Ln:	1980
Well No:	2	Sec Line Dir E/W:	E
Well Name:	MOORE	Qtr Qtr:	SWSE
Well Title:	2 MOORE	Section:	8
Well Class:	DA	Township:	1S
Facility ID:	202974	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.973263
Operator:	LOCKRIDGE OPERATOR, INC.* JOHN P	Longitude:	-104.004604
Operator No:	51057	Grnd Lvl Elev:	4747
Field Code:	56025	UTM X:	585001
Field Name:	MOORE	UTM Y:	4425264
Spud Date:	2/18/1984	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6290	Stat Date:	2/24/1984
Max Meas Dpt:	6290	Source Stat:	
Name:		Source Cnty:	
Location ID:	376902	Symbol:	
Location Name:	MOORE-61S59W 8SWSE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
145	W	0.48	2,513.04	4,743.05	OGW

API:	00108819	Loc fr N/S Sec Ln:	1320
API Label:	05-001-08819	Sec Line Dir N/S:	South
API Seq Code:	08819	Loc fr E/W Sec Ln:	2156
Well No:	4A DINO	Sec Line Dir E/W:	E
Well Name:	LINNEBUR BROS	Qtr Qtr:	W2SE
Well Title:	4A DINO LINNEBUR BROS	Section:	8

Wells and Additional Sources Detail Report

Well Class:	DA	Township:	1S
Facility ID:	203310	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.975073
Operator:	NAUTILUS EQUIPMENT INC	Longitude:	-104.005174
Operator No:	62450	Grnd Lvl Elev:	4750
Field Code:	99999	UTM X:	584950
Field Name:	WILDCAT	UTM Y:	4425464
Spud Date:	4/7/1987	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	4/11/1987
Max Meas Dpt:	0	Source Stat:	
Name:		Source Cnty:	
Location ID:	377142	Symbol:	
Location Name:	LINNEBUR BROS-61S59W 8W2SE	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
148	W	0.61	3,230.36	4,744.34	OGW

API:	00108297	Loc fr N/S Sec Ln:	660
API Label:	05-001-08297	Sec Line Dir N/S:	South
API Seq Code:	08297	Loc fr E/W Sec Ln:	1950
Well No:	1	Sec Line Dir E/W:	W
Well Name:	MOORE	Qtr Qtr:	SESW
Well Title:	1 MOORE	Section:	8
Well Class:	OW	Township:	1S
Facility ID:	202892	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.973233
Operator:	LOCKRIDGE OPERATOR, INC.* JOHN P	Longitude:	-104.008824
Operator No:	51057	Grnd Lvl Elev:	4746
Field Code:	56025	UTM X:	584640
Field Name:	MOORE	UTM Y:	4425257
Spud Date:	7/5/1983	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6280	Stat Date:	9/25/1985
Max Meas Dpt:	6280	Source Stat:	
Name:		Source Cnty:	
Location ID:	376844	Symbol:	
Location Name:	MOORE-61S59W 8SESW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
149	WSW	0.60	3,147.72	4,750.42	OGW

API:	00108407	Loc fr N/S Sec Ln:	660
API Label:	05-001-08407	Sec Line Dir N/S:	North
API Seq Code:	08407	Loc fr E/W Sec Ln:	1980
Well No:	2-A	Sec Line Dir E/W:	W
Well Name:	ROSENER	Qtr Qtr:	NENW
Well Title:	2-A ROSENER	Section:	17
Well Class:	DA	Township:	1S
Facility ID:	203001	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.969603
Operator:	CATAMOUNT EXPL INC	Longitude:	-104.008804
Operator No:	14675	Grnd Lvl Elev:	4751
Field Code:	56025	UTM X:	584646
Field Name:	MOORE	UTM Y:	4424854
Spud Date:	10/22/1983	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	6270	Stat Date:	10/29/1983
Max Meas Dpt:	6270	Source Stat:	
Name:		Source Cnty:	
Location ID:	376922	Symbol:	
Location Name:	ROSENER-61S59W 17NENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
151	W	0.72	3,818.63	4,746.79	OGW

API:	00108912	Loc fr N/S Sec Ln:	660
API Label:	05-001-08912	Sec Line Dir N/S:	South
API Seq Code:	08912	Loc fr E/W Sec Ln:	1350
Well No:	3 DINO	Sec Line Dir E/W:	W
Well Name:	LINNEBUR	Qtr Qtr:	CSW
Well Title:	3 DINO LINNEBUR	Section:	8
Well Class:	OW	Township:	1S
Facility ID:	203403	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.973213
Operator:	IDG EXPLORATION INC	Longitude:	-104.010964
Operator No:	42665	Grnd Lvl Elev:	4746
Field Code:	56025	UTM X:	584458
Field Name:	MOORE	UTM Y:	4425252
Spud Date:	10/30/1989	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS

Max Vt Dpt:	0	Stat Date:	6/15/1992
Max Meas Dpt:	6250	Source Stat:	
Name:		Source Cnty:	
Location ID:	377202	Symbol:	
Location Name:	LINNEBUR-61S59W 8CSW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
152	WSW	0.63	3,308.60	4,752.62	OGW

API:	00105501	Loc fr N/S Sec Ln:	1995
API Label:	05-001-05501	Sec Line Dir N/S:	North
API Seq Code:	05501	Loc fr E/W Sec Ln:	1935
Well No:	1	Sec Line Dir E/W:	W
Well Name:	ROSENER	Qtr Qtr:	SENW
Well Title:	1 ROSENER	Section:	17
Well Class:	DA	Township:	1S
Facility ID:	200467	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.965933
Operator:	KINGWOOD OIL CO	Longitude:	-104.009054
Operator No:	47875	Grnd Lvl Elev:	4751
Field Code:	99999	UTM X:	584630
Field Name:	WILDCAT	UTM Y:	4424446
Spud Date:	3/19/1956	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	4/5/1956
Max Meas Dpt:	6297	Source Stat:	
Name:		Source Cnty:	
Location ID:	375070	Symbol:	
Location Name:	ROSENER-61S59W 17SENW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
153	WSW	0.85	4,469.39	4,751.89	OGW

API:	00108284	Loc fr N/S Sec Ln:	660
API Label:	05-001-08284	Sec Line Dir N/S:	North
API Seq Code:	08284	Loc fr E/W Sec Ln:	660
Well No:	1-A	Sec Line Dir E/W:	W
Well Name:	ROSENER	Qtr Qtr:	NWNW
Well Title:	1-A ROSENER	Section:	17
Well Class:	OW	Township:	1S
Facility ID:	202879	Range:	59W

Wells and Additional Sources Detail Report

Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.969563
Operator:	DECLAR OIL & GAS INC	Longitude:	-104.013524
Operator No:	23320	Grnd Lvl Elev:	4749
Field Code:	56025	UTM X:	584243
Field Name:	MOORE	UTM Y:	4424845
Spud Date:	4/29/1983	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	12/26/1996
Max Meas Dpt:	6270	Source Stat:	
Name:		Source Cnty:	
Location ID:	376835	Symbol:	
Location Name:	ROSENER-61S59W 17NWNW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	W	0.91	4,802.72	4,752.05	OGW

API:	00105515	Loc fr N/S Sec Ln:	330
API Label:	05-001-05515	Sec Line Dir N/S:	South
API Seq Code:	05515	Loc fr E/W Sec Ln:	330
Well No:	1	Sec Line Dir E/W:	W
Well Name:	ROSENER	Qtr Qtr:	SWSW
Well Title:	1 ROSENER	Section:	8
Well Class:	DA	Township:	1S
Facility ID:	200481	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.972273
Operator:	ELPASGAR OIL COMPANY AKA ESPASGAR OIL	Longitude:	-104.014634
Operator No:	26618	Grnd Lvl Elev:	4747
Field Code:	99999	UTM X:	584145
Field Name:	WILDCAT	UTM Y:	4425145
Spud Date:	11/30/1955	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	1/11/1956
Max Meas Dpt:	6300	Source Stat:	
Name:		Source Cnty:	
Location ID:	375084	Symbol:	
Location Name:	ROSENER-61S59W 8SWSW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
156	WSW	0.87	4,573.11	4,752.71	OGW

Wells and Additional Sources Detail Report

API:	00105645	Loc fr N/S Sec Ln:	2008
API Label:	05-001-05645	Sec Line Dir N/S:	North
API Seq Code:	05645	Loc fr E/W Sec Ln:	645
Well No:	1	Sec Line Dir E/W:	W
Well Name:	ROSENER	Qtr Qtr:	SWNW
Well Title:	1 ROSENER	Section:	17
Well Class:	DA	Township:	1S
Facility ID:	200555	Range:	59W
Facility Type:	WELL	Meridian:	6
Facility Status:	PA	Latitude:	39.965863
Operator:	RAYMOND* C F	Longitude:	-104.013654
Operator No:	73600	Grnd Lvl Elev:	4753
Field Code:	56025	UTM X:	584237
Field Name:	MOORE	UTM Y:	4424434
Spud Date:	6/11/1966	API County:	001
Citing Type:	ACTUAL	API County Name:	ADAMS
Max Vt Dpt:	0	Stat Date:	6/18/1966
Max Meas Dpt:	6242	Source Stat:	
Name:		Source Cnty:	
Location ID:	375155	Symbol:	
Location Name:	ROSENER-61S59W 17SWNW	SDF Key:	
Location Qualifer:	Planned Footage		
Facility Status Desc:	PLUGGED AND ABANDONED WELL.		

Public Water Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	S	0.60	3,157.17	4,925.35	WATER WELLS

Well Name:	SC00106620BDD	Water District ID:	
USGS Site ID:	395706103561701	Water District:	1
Location No:	SC00106620BDD	Water Division:	1
Permit No:		County:	ADAMS
Permit Suffix Code:		Counties:	ADAMS
Permit Replace Cd:		Designated Basin:	KIOWA-BIJOU
Publication Name:		Management Distr:	
Owner:		Q10:	
Elevation (ft):	5047.63	Q40:	SW
Elevation Accuracy:	USGS NED 1-meter DEM	Q160:	NE
Aquifer 1:	ALLUVIAL	Section:	24
Aquifer 2:		Township:	1.0 S
Aquifer Comment:		Range:	59.0 W
Measurement Date:	10/20/1955	Principle Meridian:	S
Water Lvl Depth ft:	26.50	Coords E/W (ft):	1796
Water Lvl Elev ft:	5021.13	Coords E/W Dir:	W
POR Start:	10/20/1955	Coords N/S (ft):	3288

Wells and Additional Sources Detail Report

POR End:	10/20/1955	Coords N/S Dir:	S
POR Count:	1	UTM X:	590668.8
Measurement by:	USGS	UTM Y:	4422930.3
Well Depth (ft):	28	Latitude:	39.951655
Top Perf Casing (ft):		Longitude:	-103.938570
Bot Perf Casing (ft):		Location:	(39.951655, -103.93857)
Base of Grout (ft):		Location Accuracy:	User supplied
Receipt:		Data Source:	USGS 2004a
Modified:	12/15/2018 06:31:00 AM		
More Information:	https://dwr.state.co.us/Tools/Groundwater/WaterLevels/36711		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
147	W	1.00	5,267.20	4,742.94	WATER WELLS

Well Name:	SC00106012ABD1	Water District ID:	
USGS Site ID:	395857104003301	Water District:	1
Location No:	SC00106012ABD	Water Division:	1
Permit No:		County:	ADAMS
Permit Suffix Code:		Counties:	ADAMS
Permit Replace Cd:		Designated Basin:	KIOWA-BIJOU
Publication Name:		Management Distr:	NORTH KIOWA-BIJOU
Owner:		Q10:	SE
Elevation (ft):	4782.60	Q40:	NE
Elevation Accuracy:	USGS NED 1-meter DEM	Q160:	NW
Aquifer 1:	ALLUVIAL	Section:	8
Aquifer 2:		Township:	1.0 S
Aquifer Comment:		Range:	59.0 W
Measurement Date:	01/01/1964	Principle Meridian:	S
Water Lvl Depth ft:	30.00	Coords E/W (ft):	3481
Water Lvl Elev ft:	4752.60	Coords E/W Dir:	E
POR Start:	01/01/1964	Coords N/S (ft):	1281
POR End:	01/01/1964	Coords N/S Dir:	N
POR Count:	1	UTM X:	584556.4
Measurement by:	USGS	UTM Y:	4426282.7
Well Depth (ft):	120	Latitude:	39.982493
Top Perf Casing (ft):		Longitude:	-104.009687
Bot Perf Casing (ft):		Location:	(39.982493, -104.009687)
Base of Grout (ft):		Location Accuracy:	User supplied
Receipt:		Data Source:	USGS 2004a
Modified:	12/15/2018 06:31:00 AM		
More Information:	https://dwr.state.co.us/Tools/Groundwater/WaterLevels/35614		

Water Wells Permit Database

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	S	0.08	402.23	4,934.32	WATER WELLS

Wells and Additional Sources Detail Report

Receipt:	0481012	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	236558-	City:	
Permit Issued:	09/27/2001	County:	ADAMS
Permit Expires:	09/27/2003	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	12
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	SE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	73	Coords E/W (Feet):	250
Top Prf. Csng (ft):	43	Coords E/W Dir:	E
Bot Prf. Csng (ft):	73	Coords N/S (Feet):	200
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:	09/24/2003	UTM x:	591351.0
Frst Bneficial Use:		UTM y:	4425146.2
Pump Installed:		Location:	(39.971544, -103.930276)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	47.00	Elevation:	4930
Denver Basn Aqufr:	Yes	Latitude:	39.971544
Statc Watr Lvl Dt:	2003/09/24	Longitude:	-103.930276
Modified:	09/26/2003 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	QUATERNARY ALLUVIUM	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	FERRIS, BRIAN	ID Key:	0481012 357560
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0481012		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	SW	0.21	1,114.94	4,867.02	WATER WELLS

Receipt:	3624178A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	44287--A	City:	
Permit Issued:	12/17/2007	County:	ADAMS
Permit Expires:	12/17/2009	State:	

Wells and Additional Sources Detail Report

Permit Category:	Residential	Postal Code:	
Current Status:	Well Abandoned	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	12
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	1100
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	1170
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:		UTM x:	590356.1
Frst Bneficial Use:		UTM y:	4425495.8
Pump Installed:		Location:	(39.974804, -103.941877)
Well Plugged:	03/04/2009	Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.974804
Statc Watr Lvl Dt:		Longitude:	-103.941877
Modified:	04/10/2009 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	LARAMIE FOX HILLS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	BOEN, KELLY	ID Key:	3624178A 75969
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3624178A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	WSW	0.10	527.34	4,840.57	WATER WELLS

Receipt:	3625177	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	44287--A	City:	
Permit Issued:	01/22/2008	County:	ADAMS
Permit Expires:	01/22/2010	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	12
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	

Wells and Additional Sources Detail Report

Well Depth (Feet):	300	Coords E/W (Feet):	511
Top Prf. Csng (ft):	20	Coords E/W Dir:	W
Bot Prf. Csng (ft):	300	Coords N/S (Feet):	1843
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:	02/04/2008	UTM x:	590168.0
Frst Bneficial Use:		UTM y:	4425711.4
Pump Installed:		Location:	(39.97676, -103.944049)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	20.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.976760
Statc Watr Lvl Dt:	2008/02/04	Longitude:	-103.944049
Modified:	04/02/2008 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	LARAMIE FOX HILLS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	BOEN, KELLY	ID Key:	3625177 75969
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3625177		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	WSW	0.07	343.99	4,840.61	WATER WELLS

Receipt:	9004197	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	62367-	City:	
Permit Issued:	07/07/1972	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	12
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:	10/17/1972	UTM x:	590110.2
Frst Bneficial Use:	10/17/1972	UTM y:	4425755.2
Pump Installed:	10/21/1972	Location:	(39.977165, -103.944719)

Wells and Additional Sources Detail Report

Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):	22.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.977165
Statc Watr Lvl Dt:	1972/10/17	Longitude:	-103.944719
Modified:	11/01/1972 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	NOVAK JODIE & BOEN KELLY	ID Key:	9004197 199739
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9004197		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	WSW	0.07	343.99	4,840.61	WATER WELLS

Receipt:	9003772	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	44287-	City:	
Permit Issued:		County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	12
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:		UTM x:	590110.2
Frst Bneficial Use:	04/20/1971	UTM y:	4425755.2
Pump Installed:		Location:	(39.977165, -103.944719)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.977165
Statc Watr Lvl Dt:		Longitude:	-103.944719
Modified:		Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1

Wells and Additional Sources Detail Report

Water District:	1	Principle Meridian:	S
Contact Name:	NOVAK JODIE & BOEN KELLY	ID Key:	9003772 199739
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9003772		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	WSW	0.03	179.10	4,830.98	WATER WELLS

Receipt:	3624178B	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	62367--A	City:	
Permit Issued:	12/17/2007	County:	ADAMS
Permit Expires:	12/17/2009	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Permit Expired	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	12
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	162
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	1718
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:		UTM x:	590062.8
Frst Bneficial Use:		UTM y:	4425678.9
Pump Installed:		Location:	(39.976483, -103.945282)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.976483
Statc Watr Lvl Dt:		Longitude:	-103.945282
Modified:	08/22/2023 12:02:00 PM	Mangemnt District:	
Associated Aqufrs:	LARAMIE FOX HILLS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	BOEN, KELLY	ID Key:	3624178B 75969
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3624178B		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	E	0.12	649.11	4,839.68	WATER WELLS

Receipt:	9000126	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	719-	City:	
Permit Issued:	01/13/1958	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Domestic	Section:	7
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:		Coords N/S Dir:	
Well Constructed:	01/22/1958	UTM x:	592807.4
Frst Bneficial Use:	01/22/1958	UTM y:	4426474.3
Pump Installed:		Location:	(39.983351, -103.913035)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.983351
Statc Watr Lvl Dt:		Longitude:	-103.913035
Modified:	01/27/1958 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	STATE BOARD OF LAND COMMISSIONERS	ID Key:	9000126 192926
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9000126		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	-	0.00	0.00	4,813.72	WATER WELLS

Receipt:	9002855	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	

Wells and Additional Sources Detail Report

County Parcel ID:		Block:	
Permit:	24116-	City:	
Permit Issued:		County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Domestic	Section:	6
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	SE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:		Coords N/S Dir:	
Well Constructed:		UTM x:	592800.9
Frst Bneficial Use:	05/31/1965	UTM y:	4426874.8
Pump Installed:		Location:	(39.986959, -103.913053)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.986959
Statc Watr Lvl Dt:		Longitude:	-103.913053
Modified:	03/29/2018 02:56:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	FERRIS RANCH LLC	ID Key:	9002855 385305
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9002855		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	-	0.00	0.00	4,813.72	WATER WELLS

Receipt:	9003489	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	34687-	City:	
Permit Issued:		County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W

Wells and Additional Sources Detail Report

Associated Uses:	Domestic	Section:	6
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	SE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	59	Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:		Coords N/S Dir:	
Well Constructed:	07/27/1968	UTM x:	592800.9
Frst Bneficial Use:	07/27/1968	UTM y:	4426874.8
Pump Installed:		Location:	(39.986959, -103.913053)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):	38.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.986959
Statc Watr Lvl Dt:	2007/07/18	Longitude:	-103.913053
Modified:	03/29/2018 02:58:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	FERRIS RANCH LLC	ID Key:	9003489 385305
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9003489		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	-	0.00	0.00	4,870.51	WATER WELLS

Receipt:	9004113	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	59030-	City:	
Permit Issued:	04/21/1972	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Domestic, Stock	Section:	6
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	2140
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	1500

Wells and Additional Sources Detail Report

Designated Basin:		Coords N/S Dir:	N
Well Constructed:		UTM x:	592130.2
Frst Bneficial Use:	10/18/1952	UTM y:	4427986.0
Pump Installed:		Location:	(39.997043, -103.920753)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.997043
Statc Watr Lvl Dt:		Longitude:	-103.920753
Modified:	04/10/1972 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	SIMPSON DAVID J & JOYCE E	ID Key:	9004113 228335
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9004113		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	-	0.00	0.00	4,840.92	WATER WELLS

Receipt:	9001005	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	7794-	City:	
Permit Issued:		County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	1
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:		UTM x:	590869.3
Frst Bneficial Use:	02/15/1961	UTM y:	4428177.3
Pump Installed:		Location:	(39.998902, -103.935492)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	

Wells and Additional Sources Detail Report

Denver Basn Aqufr:	Yes	Latitude:	39.998902
Statc Watr Lvl Dt:		Longitude:	-103.935492
Modified:		Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	BARBER, RUSSELL E	ID Key:	9001005 154366
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9001005		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	-	0.00	0.00	4,849.38	WATER WELLS

Receipt:	10008696	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	320772-	City:	
Permit Issued:	03/02/2021	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Abandoned	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	18
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:		Coords N/S Dir:	
Well Constructed:		UTM x:	592665.0
Frst Bneficial Use:		UTM y:	4424982.0
Pump Installed:		Location:	(39.969923, -103.914915)
Well Plugged:	08/24/2022	Location Type:	Well (Construction Report)
Yield (GPM):		Location Accuracy:	GPS
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.969923
Statc Watr Lvl Dt:		Longitude:	-103.914915
Modified:	10/19/2022 01:05:00 PM	Mangemnt District:	
Associated Aqufrs:	QUATERNARY ALLUVIUM	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	FERRIS, BRIAN	ID Key:	10008696 357560
Counties:			

Wells and Additional Sources Detail Report

Well Name:
Comment:
Address:
More Information: https://dwr.state.co.us/Tools/WellPermits/10008696

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	-	0.00	0.00	4,849.36	WATER WELLS

Receipt:	10008697	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	320772--A	City:	
Permit Issued:	03/02/2021	County:	ADAMS
Permit Expires:	03/02/2023	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	18
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	60	Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:		Coords N/S Dir:	
Well Constructed:	08/23/2022	UTM x:	592675.0
Frst Bneficial Use:		UTM y:	4424983.0
Pump Installed:		Location:	(39.969931, -103.914798)
Well Plugged:		Location Type:	Well (Construction Report)
Yield (GPM):		Location Accuracy:	User supplied
Statc Wtr Lvl (ft):	24.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.969931
Statc Watr Lvl Dt:	2022/08/24	Longitude:	-103.914798
Modified:	10/27/2022 02:54:00 PM	Mangemnt District:	
Associated Aqufrs:	QUATERNARY ALLUVIUM	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	FERRIS, BRIAN	ID Key:	10008697 357560

Counties:
Well Name:
Comment:
Address:
More Information: https://dwr.state.co.us/Tools/WellPermits/10008697

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	ENE	0.17	914.06	4,800.43	WATER WELLS

Wells and Additional Sources Detail Report

Receipt:	0024728A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	124683--A	City:	FORT MORGAN
Permit Issued:	03/31/1982	County:	ADAMS
Permit Expires:	03/31/1984	State:	CO
Permit Category:	Residential	Postal Code:	80701
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	5
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	70	Coords E/W (Feet):	786
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	1287
Designated Basin:		Coords N/S Dir:	S
Well Constructed:	04/03/1982	UTM x:	593266.8
Frst Bneficial Use:		UTM y:	4427073.8
Pump Installed:	04/06/1982	Location:	(39.988702, -103.907567)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.988702
Statc Watr Lvl Dt:		Longitude:	-103.907567
Modified:	11/13/2023 07:12:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	LINDGREN, ANDERS	ID Key:	0024728A 481063
Counties:			
Well Name:			
Comment:			
Address:	16100 MONNAHAN ROAD		
More Information:	https://dwr.state.co.us/Tools/WellPermits/0024728A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	ENE	0.17	914.06	4,800.43	WATER WELLS

Receipt:	0024728A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	124683--A	City:	
Permit Issued:	03/31/1982	County:	ADAMS

Permit Expires:	03/31/1984	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	5
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	70	Coords E/W (Feet):	786
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	1287
Designated Basin:		Coords N/S Dir:	S
Well Constructed:	04/03/1982	UTM x:	593266.8
Frst Bneficial Use:		UTM y:	4427073.8
Pump Installed:	04/06/1982	Location:	(39.988702, -103.907567)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.988702
Statc Watr Lvl Dt:		Longitude:	-103.907567
Modified:	01/30/2019 01:32:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	DURBEN, WADE S.	ID Key:	0024728A 382757
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0024728A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	ENE	0.17	914.06	4,800.43	WATER WELLS

Receipt:	9005176	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	124683-	City:	
Permit Issued:	03/31/1982	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Abandoned	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	5
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SW

Wells and Additional Sources Detail Report

Annul Approp. (AF):		Q10:	
Well Depth (Feet):	70	Coords E/W (Feet):	786
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	1287
Designated Basin:		Coords N/S Dir:	S
Well Constructed:	04/06/1982	UTM x:	593266.8
Frst Bneficial Use:	04/01/1912	UTM y:	4427073.8
Pump Installed:		Location:	(39.988702, -103.907567)
Well Plugged:	04/05/1982	Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	29.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.988702
Statc Watr Lvl Dt:	2007/07/18	Longitude:	-103.907567
Modified:	11/13/2023 02:09:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	DURBEN, FRED H	ID Key:	9005176 23386
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9005176		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	ENE	0.17	914.06	4,800.43	WATER WELLS

Receipt:	0024728A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	124683--A	City:	FORT MORGAN
Permit Issued:	03/31/1982	County:	ADAMS
Permit Expires:	03/31/1984	State:	CO
Permit Category:	Residential	Postal Code:	80701
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	5
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	70	Coords E/W (Feet):	786
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	1287
Designated Basin:		Coords N/S Dir:	S
Well Constructed:	04/03/1982	UTM x:	593266.8
Frst Bneficial Use:		UTM y:	4427073.8

Pump Installed:	04/06/1982	Location:	(39.988702, -103.907567)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.988702
Statc Watr Lvl Dt:		Longitude:	-103.907567
Modified:	11/13/2023 07:12:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	LINDGREN, MARET	ID Key:	0024728A 481064
Counties:			
Well Name:			
Comment:			
Address:	16100 MONNAHAN ROAD		
More Information:	https://dwr.state.co.us/Tools/WellPermits/0024728A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	WNW	0.02	93.88	4,861.15	WATER WELLS

Receipt:	0045225A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	264253-	City:	
Permit Issued:	07/08/2005	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	2
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	1500
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	2450
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:		UTM x:	589487.0
Frst Bneficial Use:	12/31/1963	UTM y:	4427537.2
Pump Installed:		Location:	(39.993282, -103.951771)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.993282
Statc Watr Lvl Dt:		Longitude:	-103.951771
Modified:	06/27/2005 12:00:00 AM	Mangemnt District:	

Wells and Additional Sources Detail Report

Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	STATE BOARD OF LAND COMMISSIONERS	ID Key:	0045225A 192926
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0045225A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	WSW	0.01	51.70	4,829.68	WATER WELLS

Receipt:	9005028	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	104908-	City:	
Permit Issued:	03/09/1979	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic, Stock	Section:	11
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	1584
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	50
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:		UTM x:	589334.8
Frst Bneficial Use:	01/31/1962	UTM y:	4425170.1
Pump Installed:		Location:	(39.971975, -103.953877)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.971975
Statc Watr Lvl Dt:		Longitude:	-103.953877
Modified:		Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	HINERMAN, JOHN	ID Key:	9005028 25744
Counties:			
Well Name:			
Comment:			
Address:			

Wells and Additional Sources Detail Report

More Information: https://dwr.state.co.us/Tools/WellPermits/9005028

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	S	0.13	708.53	4,894.49	WATER WELLS

Receipt:	9004309	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	68614-	City:	
Permit Issued:	04/24/1973	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Permit Canceled	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	13
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:	06/27/1973	UTM x:	591243.9
Frst Bneficial Use:	06/27/1973	UTM y:	4424081.1
Pump Installed:	06/27/1973	Location:	(39.961962, -103.931679)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):	32.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.961962
Statc Watr Lvl Dt:	1973/06/27	Longitude:	-103.931679
Modified:	08/17/1973 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	LINNEBUR, LLOYD	ID Key:	9004309 197369
Counties:			
Well Name:			
Comment:			
Address:			

More Information: https://dwr.state.co.us/Tools/WellPermits/9004309

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	NNW	0.25	1,322.17	4,862.42	WATER WELLS

Receipt:	0016732	Parcel Name:	
WD ID:		Prcl Sze (Acres):	

Wells and Additional Sources Detail Report

Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	16732-MH	City:	
Permit Issued:	08/27/1990	County:	MORGAN
Permit Expires:	11/25/1990	State:	
Permit Category:	Monitoring Hole (Notice of Intent)	Postal Code:	
Current Status:	Well Abandoned	Township:	1.0 N
Special Use:		Range:	59.0 W
Associated Uses:	Monitoring/Sampling	Section:	36
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:		Coords N/S Dir:	
Well Constructed:		UTM x:	590623.8
Frst Bneficial Use:		UTM y:	4428826.4
Pump Installed:		Location:	(40.004776, -103.938277)
Well Plugged:	09/04/1990	Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	40.004776
Statc Watr Lvl Dt:		Longitude:	-103.938277
Modified:	09/24/1990 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	THOMA, CARL	ID Key:	0016732 249008
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0016732		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	S	0.34	1,803.52	4,845.05	WATER WELLS

Receipt:	3663703	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	293820-	City:	
Permit Issued:	03/24/2014	County:	ADAMS
Permit Expires:	03/24/2016	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S

Wells and Additional Sources Detail Report

Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	13
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	40	Coords E/W (Feet):	1750
Top Prf. Csng (ft):	20	Coords E/W Dir:	E
Bot Prf. Csng (ft):	40	Coords N/S (Feet):	3947
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:	05/09/2014	UTM x:	590913.5
Frst Bneficial Use:		UTM y:	4423903.9
Pump Installed:		Location:	(39.960403, -103.935578)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	28.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.960403
Statc Watr Lvl Dt:	2014/05/09	Longitude:	-103.935578
Modified:	07/10/2014 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	QUATERNARY ALLUVIUM	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	MCINTOSH FARM CO LLLP	ID Key:	3663703 100167
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3663703		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	ESE	0.70	3,688.02	4,855.40	WATER WELLS

Receipt:	3692897	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	314938-	City:	FORT MORGAN
Permit Issued:	09/11/2019	County:	ADAMS
Permit Expires:	09/11/2022	State:	CO
Permit Category:	Residential	Postal Code:	80701
Current Status:	Permit Expired	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Domestic, Stock	Section:	8
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	

Wells and Additional Sources Detail Report

Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:		Coords N/S Dir:	
Well Constructed:		UTM x:	593805.0
Frst Bneficial Use:		UTM y:	4425892.0
Pump Installed:		Location:	(39.977995, -103.901437)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	User supplied
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.977995
Statc Watr Lvl Dt:		Longitude:	-103.901437
Modified:	08/22/2023 12:02:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	FERRIS, BRIAN	ID Key:	3692897 408145
Counties:			
Well Name:			
Comment:			
Address:	88990 EAST 152ND AVENUE		
More Information:	https://dwr.state.co.us/Tools/WellPermits/3692897		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	E	0.70	3,683.90	4,853.21	WATER WELLS

Receipt:	3679841	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	305852-	City:	FORT MORGAN
Permit Issued:	06/20/2017	County:	ADAMS
Permit Expires:	06/20/2019	State:	CO
Permit Category:	Residential	Postal Code:	80701
Current Status:	Permit Expired	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Domestic	Section:	8
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:		Coords N/S Dir:	
Well Constructed:		UTM x:	593809.8
Frst Bneficial Use:		UTM y:	4425898.9
Pump Installed:		Location:	(39.978057, -103.901379)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters

Wells and Additional Sources Detail Report

Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.978057
Statc Watr Lvl Dt:		Longitude:	-103.901379
Modified:	08/22/2023 12:02:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	FERRIS, BRIAN	ID Key:	3679841 132016
Counties:			
Well Name:			
Comment:			
Address:	88990 EAST 152ND AVENUE		
More Information:	https://dwr.state.co.us/Tools/WellPermits/3679841		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	N	0.36	1,917.14	4,775.27	WATER WELLS

Receipt:	0016786	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	158768-	City:	
Permit Issued:	11/13/1990	County:	MORGAN
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 N
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	36
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	75	Coords E/W (Feet):	320
Top Prf. Csng (ft):	20	Coords E/W Dir:	E
Bot Prf. Csng (ft):	75	Coords N/S (Feet):	1912
Designated Basin:		Coords N/S Dir:	S
Well Constructed:	12/13/1990	UTM x:	591722.2
Frst Bneficial Use:		UTM y:	4429019.6
Pump Installed:		Location:	(40.006401, -103.925386)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	12.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	40.006401
Statc Watr Lvl Dt:	1990/12/13	Longitude:	-103.925386
Modified:	12/24/1990 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	STATE BOARD OF LAND COMMISSIONERS	ID Key:	0016786 192926

Wells and Additional Sources Detail Report

Counties:
Well Name:
Comment:
Address:
More Information: https://dwr.state.co.us/Tools/WellPermits/0016786

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SW	0.23	1,194.31	4,782.88	WATER WELLS

Receipt:	0432845	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	212676-	City:	
Permit Issued:	09/15/1998	County:	ADAMS
Permit Expires:	09/15/2000	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Permit Expired	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	14
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	SE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	1136
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	3878
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:		UTM x:	589195.6
Frst Bneficial Use:		UTM y:	4424728.7
Pump Installed:		Location:	(39.968017, -103.955565)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.968017
Statc Watr Lvl Dt:		Longitude:	-103.955565
Modified:	08/22/2023 12:02:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	MOBLEY, WALTER M	ID Key:	0432845 354594

Counties:
Well Name:
Comment:
Address:
More Information: https://dwr.state.co.us/Tools/WellPermits/0432845

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	-	0.00	0.00	4,839.12	WATER WELLS

Receipt:	9002854	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	24115-	City:	
Permit Issued:		County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Abandoned	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	2
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	SE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:		UTM x:	588930.1
Frst Bneficial Use:	06/06/1965	UTM y:	4427779.4
Pump Installed:		Location:	(39.995524, -103.958261)
Well Plugged:	06/06/1965	Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.995524
Statc Watr Lvl Dt:		Longitude:	-103.958261
Modified:	11/29/2004 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	LARAMIE FOX HILLS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	PIERCE, JAMES A	ID Key:	9002854 217897
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9002854		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	SSE	0.00	24.49	4,879.03	WATER WELLS

Receipt:	3663697	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	293618-	City:	

Wells and Additional Sources Detail Report

Permit Issued:	02/27/2014	County:	ADAMS
Permit Expires:	02/27/2016	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	19
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	40	Coords E/W (Feet):	1400
Top Prf. Csng (ft):	20	Coords E/W Dir:	W
Bot Prf. Csng (ft):	40	Coords N/S (Feet):	30
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:	05/09/2014	UTM x:	591880.9
Frst Bneficial Use:		UTM y:	4423459.7
Pump Installed:		Location:	(39.956298, -103.924309)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	20.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.956298
Statc Watr Lvl Dt:	2014/05/09	Longitude:	-103.924309
Modified:	07/10/2014 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	QUATERNARY ALLUVIUM	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	MCINTOSH FARM CO LLLP	ID Key:	3663697 100167
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3663697		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	WSW	0.08	437.75	4,791.35	WATER WELLS

Receipt:	9000103	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	616-R	City:	
Permit Issued:	09/15/1959	County:	ADAMS
Permit Expires:		State:	
Permit Category:	General Purpose	Postal Code:	
Current Status:	Permit Canceled	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic, Irrigation	Section:	15
Permitted Area:		Q160:	NE

Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	70	Coords E/W (Feet):	
Top Prf. Csng (ft):	58	Coords E/W Dir:	
Bot Prf. Csng (ft):	70	Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:		UTM x:	588649.9
Frst Bneficial Use:	01/01/1916	UTM y:	4424949.2
Pump Installed:		Location:	(39.970059, -103.961928)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):	20.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.970059
Statc Watr Lvl Dt:	2012/07/20	Longitude:	-103.961928
Modified:	01/26/2007 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	EWERTZ FARMS LLC	ID Key:	9000103 330704
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9000103		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	WSW	0.08	437.75	4,791.35	WATER WELLS

Receipt:	9002995	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	25617-	City:	
Permit Issued:		County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	15
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	55	Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:	10/23/1965	UTM x:	588649.9

Frst Bneficial Use:	10/23/1965	UTM y:	4424949.2
Pump Installed:		Location:	(39.970059, -103.961928)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):	16.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.970059
Statc Watr Lvl Dt:	2007/07/18	Longitude:	-103.961928
Modified:		Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	MORELAND, C W	ID Key:	9002995 232544
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9002995		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
80	WSW	0.08	434.29	4,807.67	WATER WELLS

Receipt:	0912810	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	25856-	City:	
Permit Issued:		County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Permit Canceled	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	15
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:		UTM x:	588247.6
Frst Bneficial Use:		UTM y:	4424942.7
Pump Installed:		Location:	(39.970042, -103.966639)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.970042
Statc Watr Lvl Dt:		Longitude:	-103.966639

Wells and Additional Sources Detail Report

Modified:	11/16/1965 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	MORELAND, C W	ID Key:	0912810 33528
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0912810		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	SW	0.60	3,151.14	4,822.61	WATER WELLS

Receipt:	0389591	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:		City:	
Permit Issued:		County:	ADAMS
Permit Expires:		State:	
Permit Category:	Unknown	Postal Code:	
Current Status:	Application Information Requested	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	15
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	312
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	1910
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:		UTM x:	588750.5
Frst Bneficial Use:		UTM y:	4424123.9
Pump Installed:		Location:	(39.962614, -103.960857)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.962614
Statc Watr Lvl Dt:		Longitude:	-103.960857
Modified:	08/17/1995 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	LARAMIE FOX HILLS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	MOBLEY, WALTER M	ID Key:	0389591 226623
Counties:			
Well Name:			
Comment:			

Address:
More Information: https://dwr.state.co.us/Tools/WellPermits/0389591

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	SW	0.60	3,151.14	4,822.61	WATER WELLS

Receipt:	0389590	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	190477-	City:	
Permit Issued:	10/06/1995	County:	ADAMS
Permit Expires:	10/06/1997	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Permit Expired	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic, Stock	Section:	15
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	312
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	1910
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:		UTM x:	588750.5
Frst Bneficial Use:		UTM y:	4424123.9
Pump Installed:		Location:	(39.962614, -103.960857)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.962614
Statc Watr Lvl Dt:		Longitude:	-103.960857
Modified:	08/22/2023 12:02:00 PM	Mangemnt District:	
Associated Aqufrs:	LARAMIE FOX HILLS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	MOBLEY, WALTER M	ID Key:	0389590 226623

Counties:
Well Name:
Comment:
Address:
More Information: https://dwr.state.co.us/Tools/WellPermits/0389590

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	SW	0.60	3,151.14	4,822.61	WATER WELLS

Receipt:	0027001	Parcel Name:	

Wells and Additional Sources Detail Report

WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	95487-VE	City:	
Permit Issued:	11/16/1995	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Unknown	Postal Code:	
Current Status:	Permit Issued	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	15
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	312
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	1910
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:		UTM x:	588750.5
Frst Bneficial Use:		UTM y:	4424123.9
Pump Installed:		Location:	(39.962614, -103.960857)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.962614
Statc Watr Lvl Dt:		Longitude:	-103.960857
Modified:	11/16/1995 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	LARAMIE FOX HILLS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	MOBLEY, WALTER M	ID Key:	0027001 226623
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0027001		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	W	0.69	3,626.08	4,760.74	WATER WELLS

Receipt:	0303878B	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	155128--A	City:	
Permit Issued:	08/29/1989	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	

Wells and Additional Sources Detail Report

Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	10
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	40	Coords E/W (Feet):	1900
Top Prf. Csng (ft):	20	Coords E/W Dir:	W
Bot Prf. Csng (ft):	40	Coords N/S (Feet):	900
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:	08/08/1989	UTM x:	587814.1
Frst Bneficial Use:	04/01/1938	UTM y:	4426468.6
Pump Installed:		Location:	(39.983837, -103.97151)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	15.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.983837
Statc Watr Lvl Dt:	1989/08/08	Longitude:	-103.971510
Modified:	11/09/1989 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI, JOHN	ID Key:	0303878B 347616
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0303878B		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	W	0.69	3,626.08	4,760.74	WATER WELLS

Receipt:	0303878A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	155128-	City:	
Permit Issued:	08/29/1989	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Abandoned	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	10
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	40	Coords E/W (Feet):	1900

Wells and Additional Sources Detail Report

Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	900
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:		UTM x:	587814.1
Frst Bneficial Use:	05/01/1938	UTM y:	4426468.6
Pump Installed:		Location:	(39.983837, -103.97151)
Well Plugged:	08/29/1989	Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.983837
Statc Watr Lvl Dt:		Longitude:	-103.971510
Modified:	08/11/1989 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI, JOHN	ID Key:	0303878A 347616
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0303878A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	W	0.70	3,685.43	4,760.84	WATER WELLS

Receipt:	0055784A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	140037-	City:	
Permit Issued:	06/20/1995	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	10
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	SE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	60	Coords E/W (Feet):	1750
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	1625
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:		UTM x:	587771.7
Frst Bneficial Use:		UTM y:	4426246.5
Pump Installed:		Location:	(39.981832, -103.972032)
Well Plugged:		Location Type:	Well (Application/Permit)

Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.981832
Statc Watr Lvl Dt:		Longitude:	-103.972032
Modified:	06/17/1985 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	CO SPRINGS PRODUCTION CREDIT ASSN	ID Key:	0055784A 228543
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0055784A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	W	0.70	3,685.43	4,760.84	WATER WELLS

Receipt:	0255784B	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	140037--A	City:	
Permit Issued:	06/20/1985	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	10
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	SE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	40	Coords E/W (Feet):	1750
Top Prf. Csng (ft):	20	Coords E/W Dir:	W
Bot Prf. Csng (ft):	40	Coords N/S (Feet):	1625
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:	08/30/1985	UTM x:	587771.7
Frst Bneficial Use:		UTM y:	4426246.5
Pump Installed:		Location:	(39.981832, -103.972032)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	20.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.981832
Statc Watr Lvl Dt:	1985/08/30	Longitude:	-103.972032
Modified:	10/11/1985 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	LARAMIE FOX HILLS	Division:	1
Water District:	1	Principle Meridian:	S

Wells and Additional Sources Detail Report

Contact Name:	CO SPRINGS PRODUCTION CREDIT ASSN	ID Key:	0255784B 194001
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0255784B		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
87	W	0.65	3,448.40	4,759.46	WATER WELLS

Receipt:	0015271A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	89378-VE	City:	
Permit Issued:	08/08/1989	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Unknown	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	10
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	40	Coords E/W (Feet):	
Top Prf. Csng (ft):	20	Coords E/W Dir:	
Bot Prf. Csng (ft):	40	Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:	08/08/1989	UTM x:	587750.9
Frst Bneficial Use:		UTM y:	4426541.5
Pump Installed:		Location:	(39.984497, -103.972239)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.984497
Statc Watr Lvl Dt:		Longitude:	-103.972239
Modified:	11/09/1989 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI, JOHN	ID Key:	0015271A 40839
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0015271A		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
97	ENE	0.96	5,091.70	4,699.26	WATER WELLS

Receipt:	9004107	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	58962-	City:	
Permit Issued:	04/21/1972	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Domestic, Stock	Section:	5
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	150
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	1120
Designated Basin:		Coords N/S Dir:	N
Well Constructed:		UTM x:	594618.2
Frst Bneficial Use:	05/13/1947	UTM y:	4428134.8
Pump Installed:		Location:	(39.99811, -103.891591)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.998110
Statc Watr Lvl Dt:		Longitude:	-103.891591
Modified:	04/11/1972 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	CASPER ANDREW F & MARY C	ID Key:	9004107 69369
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9004107		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
103	NNE	0.94	4,981.05	4,703.09	WATER WELLS

Receipt:	0390831A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	

Wells and Additional Sources Detail Report

County Parcel ID:		Block:	
Permit:		City:	
Permit Issued:		County:	MORGAN
Permit Expires:		State:	
Permit Category:	Unknown	Postal Code:	
Current Status:	Application Information Requested	Township:	1.0 N
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	31
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	325
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	350
Designated Basin:		Coords N/S Dir:	N
Well Constructed:		UTM x:	593327.3
Frst Bneficial Use:		UTM y:	4429950.7
Pump Installed:		Location:	(40.014612, -103.906451)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	40.014612
Statc Watr Lvl Dt:		Longitude:	-103.906451
Modified:	09/14/1995 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	CASPER, GLADYS M	ID Key:	0390831A 365788
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0390831A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
104	NNE	0.95	5,003.82	4,703.52	WATER WELLS

Receipt:	0390831B	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	191801-	City:	
Permit Issued:	12/07/1995	County:	MORGAN
Permit Expires:	12/07/1997	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Permit Expired	Township:	1.0 N
Special Use:		Range:	58.0 W

Wells and Additional Sources Detail Report

Associated Uses:	Stock	Section:	31
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	305
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	330
Designated Basin:		Coords N/S Dir:	N
Well Constructed:		UTM x:	593333.4
Frst Bneficial Use:		UTM y:	4429956.9
Pump Installed:		Location:	(40.014666, -103.906379)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	40.014666
Statc Watr Lvl Dt:		Longitude:	-103.906379
Modified:	08/22/2023 12:02:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	CASPER, GLADYS M	ID Key:	0390831B 365788
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0390831B		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
105	NNE	0.95	5,015.64	4,703.77	WATER WELLS

Receipt:	9049031	Parcel Name:	
WD ID:	0106885	Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	56832-	City:	
Permit Issued:	04/12/1972	County:	MORGAN
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Abandoned	Township:	1.0 N
Special Use:		Range:	58.0 W
Associated Uses:	Domestic, Stock	Section:	31
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	56	Coords E/W (Feet):	331
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	312

Wells and Additional Sources Detail Report

Designated Basin:		Coords N/S Dir:	N
Well Constructed:		UTM x:	593325.5
Frst Bneficial Use:	06/19/1942	UTM y:	4429962.2
Pump Installed:		Location:	(40.014711, -103.906472)
Well Plugged:	05/21/1997	Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	40.014711
Statc Watr Lvl Dt:		Longitude:	-103.906472
Modified:	06/16/1997 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	HELGET BROTHERS	ID Key:	9049031 267799
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9049031		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
108	ESE	0.63	3,320.96	4,750.51	WATER WELLS

Receipt:	0024017	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	94323-VE	City:	
Permit Issued:	08/08/1994	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Unknown	Postal Code:	
Current Status:	Permit Issued	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	16
Permitted Area:		Q160:	NW
Permtted Area Unts:		Q40:	NE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	2220
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	195
Designated Basin:		Coords N/S Dir:	N
Well Constructed:		UTM x:	595273.8
Frst Bneficial Use:		UTM y:	4425074.5
Pump Installed:		Location:	(39.970462, -103.884356)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	

Wells and Additional Sources Detail Report

Denver Basn Aqufr:	Yes	Latitude:	39.970462
Statc Watr Lvl Dt:		Longitude:	-103.884356
Modified:	08/08/1994 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	STATE BOARD OF LAND COMMISSIONERS	ID Key:	0024017 192926
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0024017		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
112	ESE	0.75	3,947.42	4,746.21	WATER WELLS

Receipt:	0023481	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	180520-	City:	
Permit Issued:	08/10/1994	County:	ADAMS
Permit Expires:	08/10/1996	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Stock	Section:	16
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	52	Coords E/W (Feet):	2220
Top Prf. Csng (ft):	20	Coords E/W Dir:	E
Bot Prf. Csng (ft):	52	Coords N/S (Feet):	195
Designated Basin:		Coords N/S Dir:	N
Well Constructed:	05/04/1994	UTM x:	595532.2
Frst Bneficial Use:		UTM y:	4425078.7
Pump Installed:		Location:	(39.970478, -103.881334)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	12.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.970478
Statc Watr Lvl Dt:	1994/05/04	Longitude:	-103.881334
Modified:	08/05/1994 12:00:00 AM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	STATE BOARD OF LAND COMMISSIONERS	ID Key:	0023481 192926
Counties:			

Wells and Additional Sources Detail Report

Well Name:
Comment:
Address:
More Information: https://dwr.state.co.us/Tools/WellPermits/0023481

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
116	SW	0.87	4,573.12	4,914.31	WATER WELLS

Receipt:	10017129	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	327121-	City:	
Permit Issued:	05/31/2022	County:	ADAMS
Permit Expires:	05/31/2024	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	15
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	42	Coords E/W (Feet):	1043
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	470
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:	05/17/2024	UTM x:	587561.0
Frst Bneficial Use:		UTM y:	4423668.0
Pump Installed:		Location:	(39.95863, -103.97485)
Well Plugged:		Location Type:	Well (Construction Report)
Yield (GPM):		Location Accuracy:	GPS
Statc Wtr Lvl (ft):	0.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.958630
Statc Watr Lvl Dt:	2024/05/17	Longitude:	-103.974850
Modified:	05/30/2024 08:31:00 AM	Mangemnt District:	
Associated Aqufrs:	ALLUVIAL	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	HINMAN, DAVID	ID Key:	10017129 455168

Counties:
Well Name:
Comment:
Address:
More Information: https://dwr.state.co.us/Tools/WellPermits/10017129

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
116	SW	0.87	4,573.12	4,914.31	WATER WELLS

Wells and Additional Sources Detail Report

Receipt:	10017129	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	327121-	City:	
Permit Issued:	05/31/2022	County:	ADAMS
Permit Expires:	05/31/2024	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	15
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	42	Coords E/W (Feet):	1043
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	470
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:	05/17/2024	UTM x:	587561.0
Frst Bneficial Use:		UTM y:	4423668.0
Pump Installed:		Location:	(39.95863, -103.97485)
Well Plugged:		Location Type:	Well (Construction Report)
Yield (GPM):		Location Accuracy:	GPS
Statc Wtr Lvl (ft):	0.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.958630
Statc Watr Lvl Dt:	2024/05/17	Longitude:	-103.974850
Modified:	05/30/2024 08:31:00 AM	Mangemnt District:	
Associated Aqufrs:	ALLUVIAL	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	ROSE, NOLA	ID Key:	10017129 455170
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/10017129		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
116	SW	0.87	4,573.12	4,914.31	WATER WELLS

Receipt:	10017129	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	327121-	City:	
Permit Issued:	05/31/2022	County:	ADAMS

Wells and Additional Sources Detail Report

Permit Expires:	05/31/2024	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	15
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	42	Coords E/W (Feet):	1043
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	470
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:	05/17/2024	UTM x:	587561.0
Frst Bneficial Use:		UTM y:	4423668.0
Pump Installed:		Location:	(39.95863, -103.97485)
Well Plugged:		Location Type:	Well (Construction Report)
Yield (GPM):		Location Accuracy:	GPS
Statc Wtr Lvl (ft):	0.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.958630
Statc Watr Lvl Dt:	2024/05/17	Longitude:	-103.974850
Modified:	05/30/2024 08:31:00 AM	Mangemnt District:	
Associated Aqufrs:	ALLUVIAL	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	ROSE, MONICA	ID Key:	10017129 455169
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/10017129		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
116	SW	0.87	4,573.12	4,914.31	WATER WELLS

Receipt:	10017129	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	327121-	City:	
Permit Issued:	05/31/2022	County:	ADAMS
Permit Expires:	05/31/2024	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Domestic	Section:	15
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SW

Wells and Additional Sources Detail Report

Annul Approp. (AF):		Q10:	
Well Depth (Feet):	42	Coords E/W (Feet):	1043
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	470
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:	05/17/2024	UTM x:	587561.0
Frst Bneficial Use:		UTM y:	4423668.0
Pump Installed:		Location:	(39.95863, -103.97485)
Well Plugged:		Location Type:	Well (Construction Report)
Yield (GPM):		Location Accuracy:	GPS
Statc Wtr Lvl (ft):	0.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.958630
Statc Watr Lvl Dt:	2024/05/17	Longitude:	-103.974850
Modified:	05/30/2024 08:31:00 AM	Mangemnt District:	
Associated Aqufrs:	ALLUVIAL	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	HINMAN, ASHLEY	ID Key:	10017129 455167
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/10017129		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
117	SW	0.88	4,654.80	4,910.22	WATER WELLS

Receipt:	3687447	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	311518-	City:	
Permit Issued:	10/29/2018	County:	ADAMS
Permit Expires:	10/29/2020	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Permit Expired	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	15
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	863
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	388
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S
Well Constructed:		UTM x:	587505.7
Frst Bneficial Use:		UTM y:	4423641.8

Pump Installed:		Location:	(39.958402, -103.975497)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	User supplied
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.958402
Statc Watr Lvl Dt:		Longitude:	-103.975497
Modified:	08/22/2023 12:02:00 PM	Mangemnt District:	
Associated Aqufrs:	QUATERNARY ALLUVIUM	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	MONARREZ, HECTOR	ID Key:	3687447 390953
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3687447		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
118	W	0.62	3,263.61	4,742.62	WATER WELLS

Receipt:	3644302A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	282560-	City:	
Permit Issued:	02/02/2010	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Replaced - Abandonment Required	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	4
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	80	Coords E/W (Feet):	3620
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	3710
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:		UTM x:	586648.0
Frst Bneficial Use:	12/31/1948	UTM y:	4427128.0
Pump Installed:		Location:	(39.989894, -103.985076)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	User supplied
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.989894
Statc Watr Lvl Dt:		Longitude:	-103.985076
Modified:	01/26/2010 12:00:00 AM	Mangemnt District:	NORTH KIOWA-BIJOU

Wells and Additional Sources Detail Report

Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI JOHN E & SHARRON L	ID Key:	3644302A 132830
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3644302A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
118	W	0.62	3,263.61	4,742.62	WATER WELLS

Receipt:	3644302B	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	282560--A	City:	
Permit Issued:	02/02/2010	County:	ADAMS
Permit Expires:	02/02/2012	State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	4
Permitted Area:		Q160:	SE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	66	Coords E/W (Feet):	3620
Top Prf. Csng (ft):	26	Coords E/W Dir:	W
Bot Prf. Csng (ft):	66	Coords N/S (Feet):	3710
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:	04/12/2010	UTM x:	586648.0
Frst Bneficial Use:		UTM y:	4427128.0
Pump Installed:	04/12/2010	Location:	(39.989894, -103.985076)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):	5.00	Location Accuracy:	User supplied
Statc Wtr Lvl (ft):	26.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.989894
Statc Watr Lvl Dt:	2010/04/12	Longitude:	-103.985076
Modified:	01/18/2011 12:00:00 AM	Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	QUATERNARY ALLUVIUM	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI JOHN E & SHARRON L	ID Key:	3644302B 132830
Counties:			
Well Name:			
Comment:			
Address:			

Wells and Additional Sources Detail Report

More Information: https://dwr.state.co.us/Tools/WellPermits/3644302B

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
120	ESE	0.80	4,212.64	4,809.00	WATER WELLS

Receipt:	0022752	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	22752-MH	City:	
Permit Issued:	05/02/1994	County:	ADAMS
Permit Expires:	08/02/1994	State:	
Permit Category:	Monitoring Hole (Notice of Intent)	Postal Code:	
Current Status:	Permit Expired	Township:	1.0 S
Special Use:		Range:	58.0 W
Associated Uses:	Monitoring/Sampling	Section:	16
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:		Coords N/S Dir:	
Well Constructed:		UTM x:	595810.8
Frst Bneficial Use:		UTM y:	4424742.4
Pump Installed:		Location:	(39.967414, -103.87812)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.967414
Statc Watr Lvl Dt:		Longitude:	-103.878120
Modified:	08/22/2023 12:05:00 PM	Mangemnt District:	
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	STATE BOARD OF LAND COMMISSIONERS	ID Key:	0022752 192926
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/0022752		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
121	WNW	0.54	2,877.12	4,731.21	WATER WELLS

Receipt:	3608834D	Parcel Name:	

Wells and Additional Sources Detail Report

WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	14602-RFP	City:	
Permit Issued:	01/09/2007	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Final Permit	Postal Code:	
Current Status:	Permit Issued	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	4
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	1734
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	1155
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:		UTM x:	586342.7
Frst Bneficial Use:		UTM y:	4427929.2
Pump Installed:		Location:	(39.99714, -103.988542)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.997140
Statc Watr Lvl Dt:		Longitude:	-103.988542
Modified:	03/23/2012 12:00:00 AM	Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI, JOHN E	ID Key:	3608834D 326281
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3608834D		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
121	WNW	0.54	2,877.12	4,731.21	WATER WELLS

Receipt:	9001933	Parcel Name:	
WD ID:	0150808	Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	14602-RFP	City:	
Permit Issued:	04/28/1960	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Final Permit	Postal Code:	

Wells and Additional Sources Detail Report

Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	4
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	53	Coords E/W (Feet):	1734
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	1155
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:	04/01/1956	UTM x:	586342.7
Frst Bneficial Use:	04/01/1956	UTM y:	4427929.2
Pump Installed:		Location:	(39.99714, -103.988542)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	17.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.997140
Statc Watr Lvl Dt:	2012/03/23	Longitude:	-103.988542
Modified:	03/23/2012 12:00:00 AM	Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI JOHN E & SHARRON L	ID Key:	9001933 315888
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9001933		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
123	WNW	0.68	3,607.65	4,744.61	WATER WELLS

Receipt:	C010090	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	90-WCB	City:	
Permit Issued:	04/30/1954	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Colorado Water Conservation Board	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	4
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	52	Coords E/W (Feet):	

Wells and Additional Sources Detail Report

Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:		UTM x:	586205.8
Frst Bneficial Use:		UTM y:	4427537.7
Pump Installed:		Location:	(39.993629, -103.9902)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.993629
Statc Watr Lvl Dt:		Longitude:	-103.990200
Modified:		Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	BAIN, JACK	ID Key:	C010090 256410
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/C010090		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
123	WNW	0.68	3,607.65	4,744.61	WATER WELLS

Receipt:	C010091	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	91-WCB	City:	
Permit Issued:	04/30/1954	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Colorado Water Conservation Board	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	4
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	SW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	56	Coords E/W (Feet):	
Top Prf. Csng (ft):		Coords E/W Dir:	
Bot Prf. Csng (ft):		Coords N/S (Feet):	
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	
Well Constructed:		UTM x:	586205.8
Frst Bneficial Use:		UTM y:	4427537.7
Pump Installed:		Location:	(39.993629, -103.9902)
Well Plugged:		Location Type:	Well (Application/Permit)

Yield (GPM):		Location Accuracy:	Spotted from quarters
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.993629
Statc Watr Lvl Dt:		Longitude:	-103.990200
Modified:		Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	BAIN, JACK	ID Key:	C010091 256410
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/C010091		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	WNW	0.57	3,020.75	4,731.89	WATER WELLS

Receipt:	9002615	Parcel Name:	
WD ID:	0150963	Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	20519-RFP	City:	
Permit Issued:	04/28/1960	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Final Permit	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	4
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	56	Coords E/W (Feet):	1834
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	795
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:	03/30/1954	UTM x:	586278.7
Frst Bneficial Use:	03/30/1954	UTM y:	4428043.6
Pump Installed:		Location:	(39.998183, -103.989276)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	11.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.998183
Statc Watr Lvl Dt:	2012/03/23	Longitude:	-103.989276
Modified:	03/23/2012 12:00:00 AM	Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S

Wells and Additional Sources Detail Report

Contact Name:	METLI JOHN & SHARRON	ID Key:	9002615 10481
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9002615		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	WNW	0.57	3,020.75	4,731.89	WATER WELLS

Receipt:	3608834B	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	20519-RFP	City:	
Permit Issued:	01/09/2007	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Final Permit	Postal Code:	
Current Status:	Permit Issued	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	4
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	1834
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	795
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:		UTM x:	586278.7
Frst Bneficial Use:		UTM y:	4428043.6
Pump Installed:		Location:	(39.998183, -103.989276)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.998183
Statc Watr Lvl Dt:		Longitude:	-103.989276
Modified:	03/23/2012 12:00:00 AM	Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI, JOHN E	ID Key:	3608834B 326281
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3608834B		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
127	WNW	0.57	3,014.37	4,732.31	WATER WELLS

Receipt:	3608834A	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	20519-TFP	City:	
Permit Issued:	01/09/2007	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Unknown	Postal Code:	
Current Status:	Permit Issued	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	4
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	1790
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	450
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:		UTM x:	586262.6
Frst Bneficial Use:		UTM y:	4428150.1
Pump Installed:		Location:	(39.99914, -103.98945)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.999140
Statc Watr Lvl Dt:		Longitude:	-103.989450
Modified:	03/23/2012 12:00:00 AM	Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI, JOHN E	ID Key:	3608834A 326281
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3608834A		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	WNW	0.59	3,119.95	4,732.01	WATER WELLS

Receipt:	9002617	Parcel Name:	
WD ID:	0150965	Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	

Wells and Additional Sources Detail Report

Permit:	20519-TFP	City:	
Permit Issued:	04/30/1960	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Final Permit	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	4
Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	56	Coords E/W (Feet):	3154
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	451
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:	03/31/1954	UTM x:	586230.3
Frst Bneficial Use:	03/31/1954	UTM y:	4428152.3
Pump Installed:		Location:	(39.999161, -103.989836)
Well Plugged:		Location Type:	Well (Construction Report)
Yield (GPM):		Location Accuracy:	User supplied
Statc Wtr Lvl (ft):	12.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	39.999161
Statc Watr Lvl Dt:	2012/03/23	Longitude:	-103.989836
Modified:	01/25/2024 03:45:00 PM	Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI JOHN & SHARRON	ID Key:	9002617 10481
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9002617		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
130	WNW	0.63	3,324.94	4,729.16	WATER WELLS

Receipt:	3608834C	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	20519-SFP	City:	
Permit Issued:	01/09/2007	County:	ADAMS
Permit Expires:		State:	
Permit Category:	Unknown	Postal Code:	
Current Status:	Permit Issued	Township:	1.0 S
Special Use:		Range:	59.0 W
Associated Uses:	Irrigation	Section:	4

Wells and Additional Sources Detail Report

Permitted Area:		Q160:	NE
Permtted Area Unts:		Q40:	NW
Annul Approp. (AF):		Q10:	
Well Depth (Feet):		Coords E/W (Feet):	2040
Top Prf. Csng (ft):		Coords E/W Dir:	E
Bot Prf. Csng (ft):		Coords N/S (Feet):	50
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	N
Well Constructed:		UTM x:	586146.7
Frst Bneficial Use:		UTM y:	4428280.1
Pump Installed:		Location:	(40.000322, -103.990791)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):		Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	40.000322
Statc Watr Lvl Dt:		Longitude:	-103.990791
Modified:	03/23/2012 12:00:00 AM	Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	METLI, JOHN E	ID Key:	3608834C 326281
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/3608834C		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
134	WNW	0.73	3,850.91	4,726.86	WATER WELLS

Receipt:	9048546	Parcel Name:	
WD ID:		Prcl Sze (Acres):	
Associated Case No:		Lot:	
County Parcel ID:		Block:	
Permit:	33096-	City:	
Permit Issued:		County:	MORGAN
Permit Expires:		State:	
Permit Category:	Residential	Postal Code:	
Current Status:	Well Constructed	Township:	1.0 N
Special Use:		Range:	59.0 W
Associated Uses:	Stock	Section:	33
Permitted Area:		Q160:	SW
Permtted Area Unts:		Q40:	SE
Annul Approp. (AF):		Q10:	
Well Depth (Feet):	62	Coords E/W (Feet):	2195
Top Prf. Csng (ft):		Coords E/W Dir:	W
Bot Prf. Csng (ft):		Coords N/S (Feet):	1029
Designated Basin:	KIOWA-BIJOU	Coords N/S Dir:	S

Wells and Additional Sources Detail Report

Well Constructed:	03/18/1968	UTM x:	586020.2
Frst Bneficial Use:	03/18/1968	UTM y:	4428684.4
Pump Installed:		Location:	(40.003975, -103.992225)
Well Plugged:		Location Type:	Well (Application/Permit)
Yield (GPM):		Location Accuracy:	Spotted from section lines
Statc Wtr Lvl (ft):	17.00	Elevation:	
Denver Basn Aqufr:	Yes	Latitude:	40.003975
Statc Watr Lvl Dt:	2015/12/22	Longitude:	-103.992225
Modified:		Mangemnt District:	NORTH KIOWA-BIJOU
Associated Aqufrs:	ALL UNNAMED AQUIFERS	Division:	1
Water District:	1	Principle Meridian:	S
Contact Name:	STATE BOARD OF LAND COMMISSIONERS	ID Key:	9048546 192926
Counties:			
Well Name:			
Comment:			
Address:			
More Information:	https://dwr.state.co.us/Tools/WellPermits/9048546		

Radon Information

This section lists any relevant radon information found for the target property.

No Radon Zone Level records found for the project property or surrounding properties.

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

No Indoor Radon Data records found for the project property or surrounding properties.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

This list of drinking water violations and enforcement actions is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database, as part of the national download of Safe Drinking Water Act (SDWA) data. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program, including monitoring, enforcement, and violation data related to requirements established by the SWDA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

This national download of Safe Drinking Water Act (SDWA) data is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program related to requirements established by the Safe Drinking Water Act (SDWA). Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP

is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). WQX3.0 is the newest version of the data standard that is delivered from the WQP, and this updated version holds new profiles containing USGS data added since March 11, 2024 sourced from their beta version website.

State Sources

Oil and Gas Pit Locations **PITS**

The Colorado Energy & Carbon Management Commission (ECMC) Division of the Department of Natural Resources (DNR) maintains this list of oil and gas pit locations within Colorado. This data contains over 10,000 oil and gas related pit locations. The ECMC was formerly known as the Oil and Gas Conservation Commission of the DNR.

Oil and Gas Wells **OGW**

This list of permitted oil and gas well locations is made available by the Colorado Energy & Carbon Management Commission (ECMC) Division of the Department of Natural Resources (DNR). Data includes drilled and completed well locations, drilled and abandoned well locations, and some permitted locations that were never drilled. The ECMC was formerly known as the Oil and Gas Conservation Commission of the DNR.

Public Water Wells **WATER WELLS**

List of water wells within Colorado that have associated groundwater level information. The Colorado Division of Water Resources (DWR), in cooperation with various local groundwater management districts and partners, operates a statewide network to monitor groundwater levels. The well latitude and longitude information represents physical location of the wells.

Water Wells Permit Database **WATER WELLS**

Water wells application and permit database maintained by the Colorado Department of Natural Resources' Division of Water Resources. This database includes statewide well applications and permits issued by the department.

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HISTORICAL AERIALS

Project Property: Goldwing
Goldwing
Fort Morgan CO

Project No: 203732552, Task 4

Requested By: Stantec Consulting Ltd.

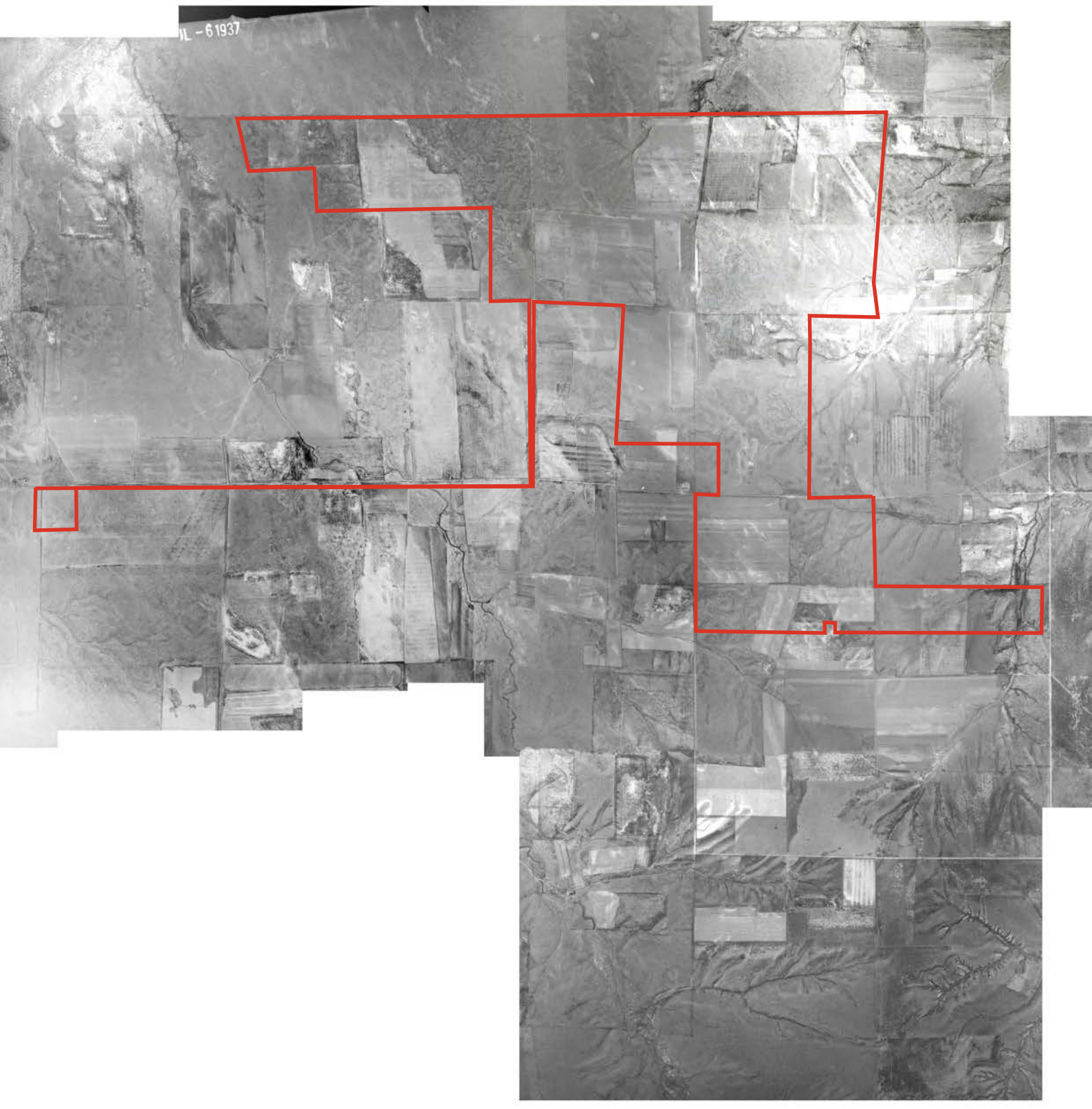
Order No: 26022400384

Date Completed: February 26,2026

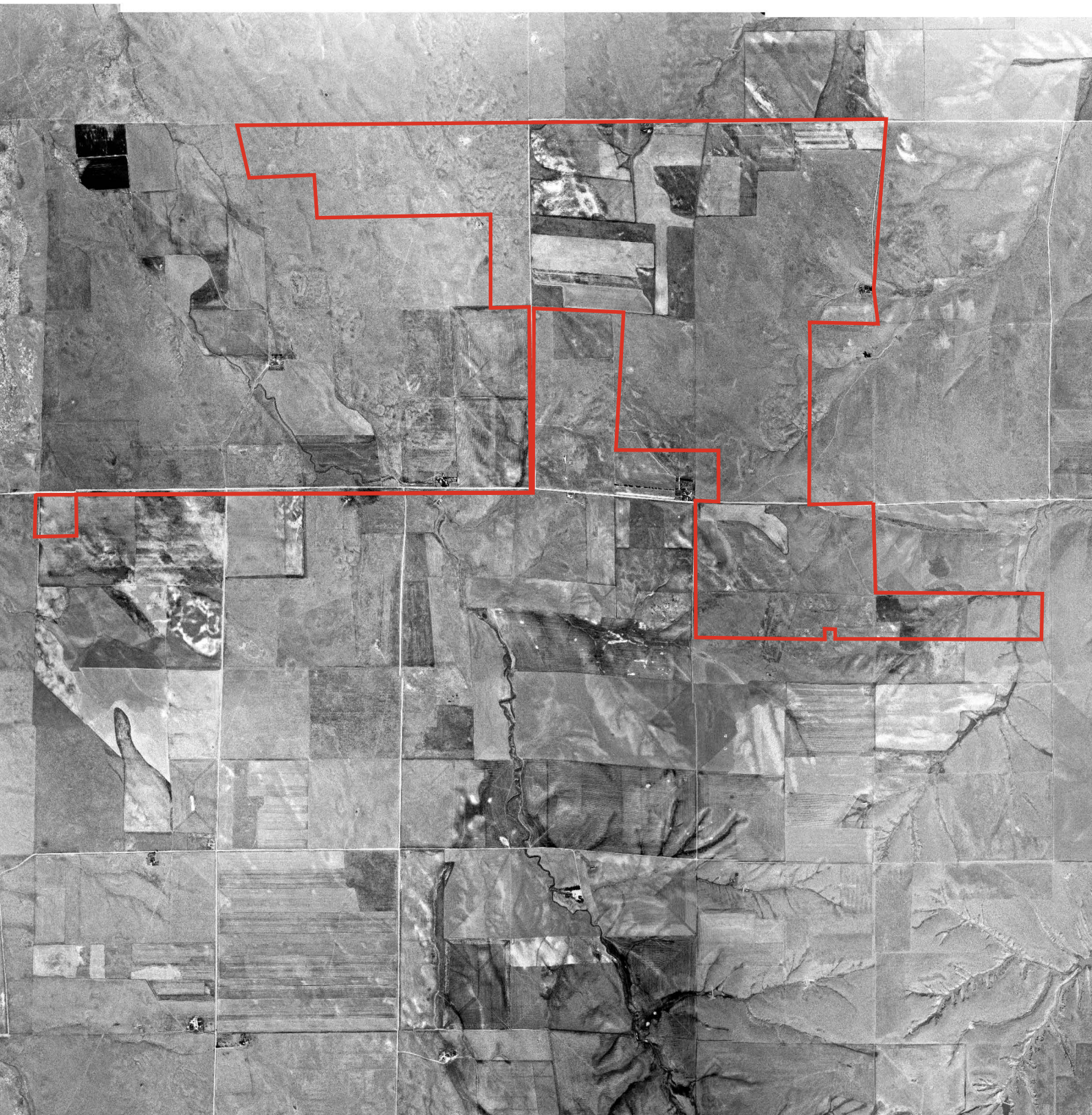
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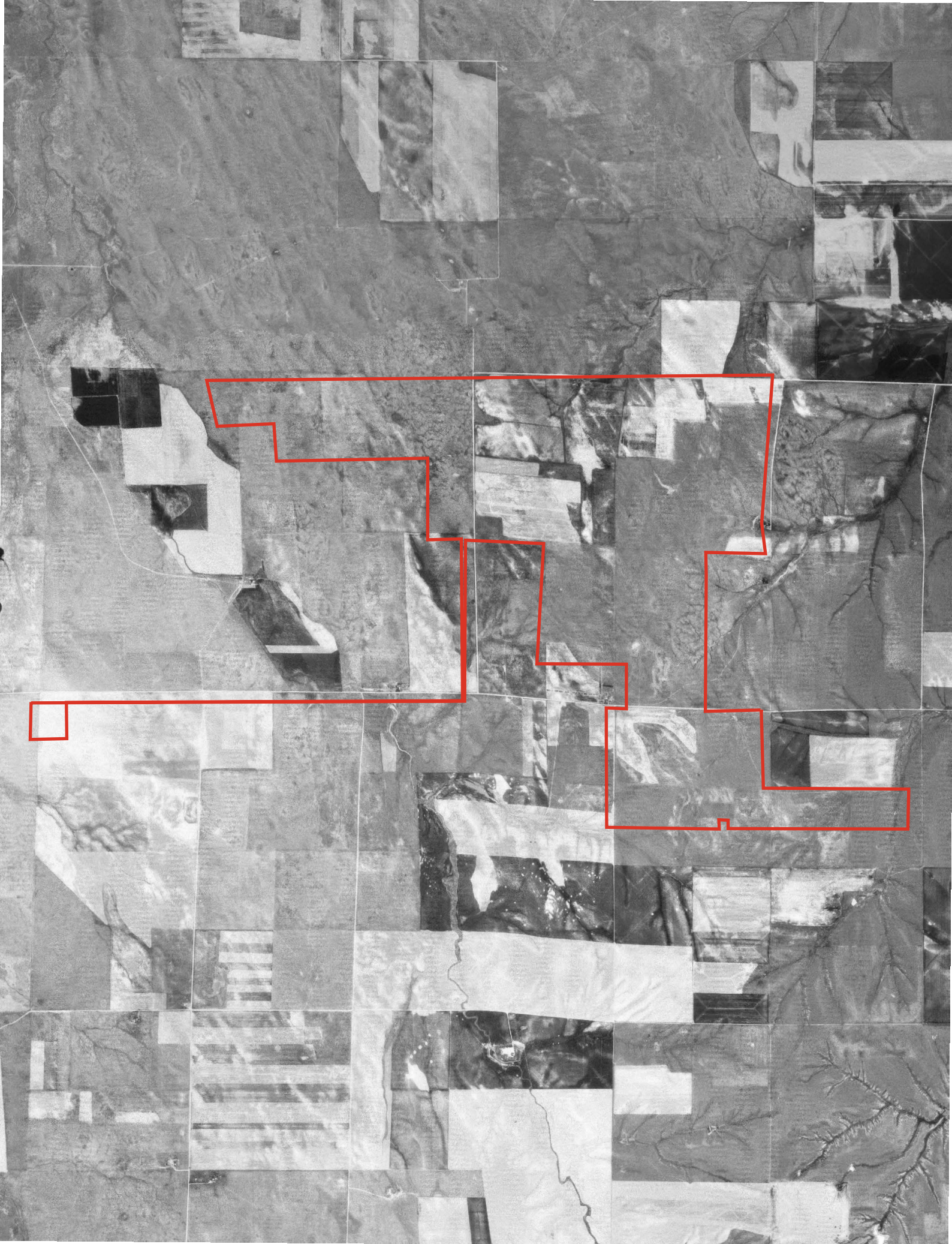
Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
1937	Agricultural Stabilization & Conserv. Service	1" = 3800'	
1948	United States Geological Survey	1" = 3800'	
1953	Army Mapping Service	1" = 3800'	
1963	Agricultural Stabilization & Conserv. Service	1" = 3800'	
1972	United States Geological Survey	1" = 3800'	
1975	United States Geological Survey	1" = 3800'	Best Copy Available
1985	United States Geological Survey	1" = 3800'	
1988	United States Geological Survey	1" = 3800'	Best Copy Available
1993	United States Geological Survey	1" = 3800'	Adjacent Frame Unavailable
1998	United States Geological Survey	1" = 3800'	
2004	United States Department of Agriculture	1" = 3800'	
2005	United States Department of Agriculture	1" = 3800'	
2006	United States Department of Agriculture	1" = 3800'	
2009	United States Department of Agriculture	1" = 3800'	
2011	United States Department of Agriculture	1" = 3800'	
2013	United States Department of Agriculture	1" = 3800'	
2015	United States Department of Agriculture	1" = 3800'	
2017	United States Department of Agriculture	1" = 3800'	
2019	United States Department of Agriculture	1" = 3800'	
2021	United States Department of Agriculture	1" = 3800'	
2023	United States Department of Agriculture	1" = 3800'	

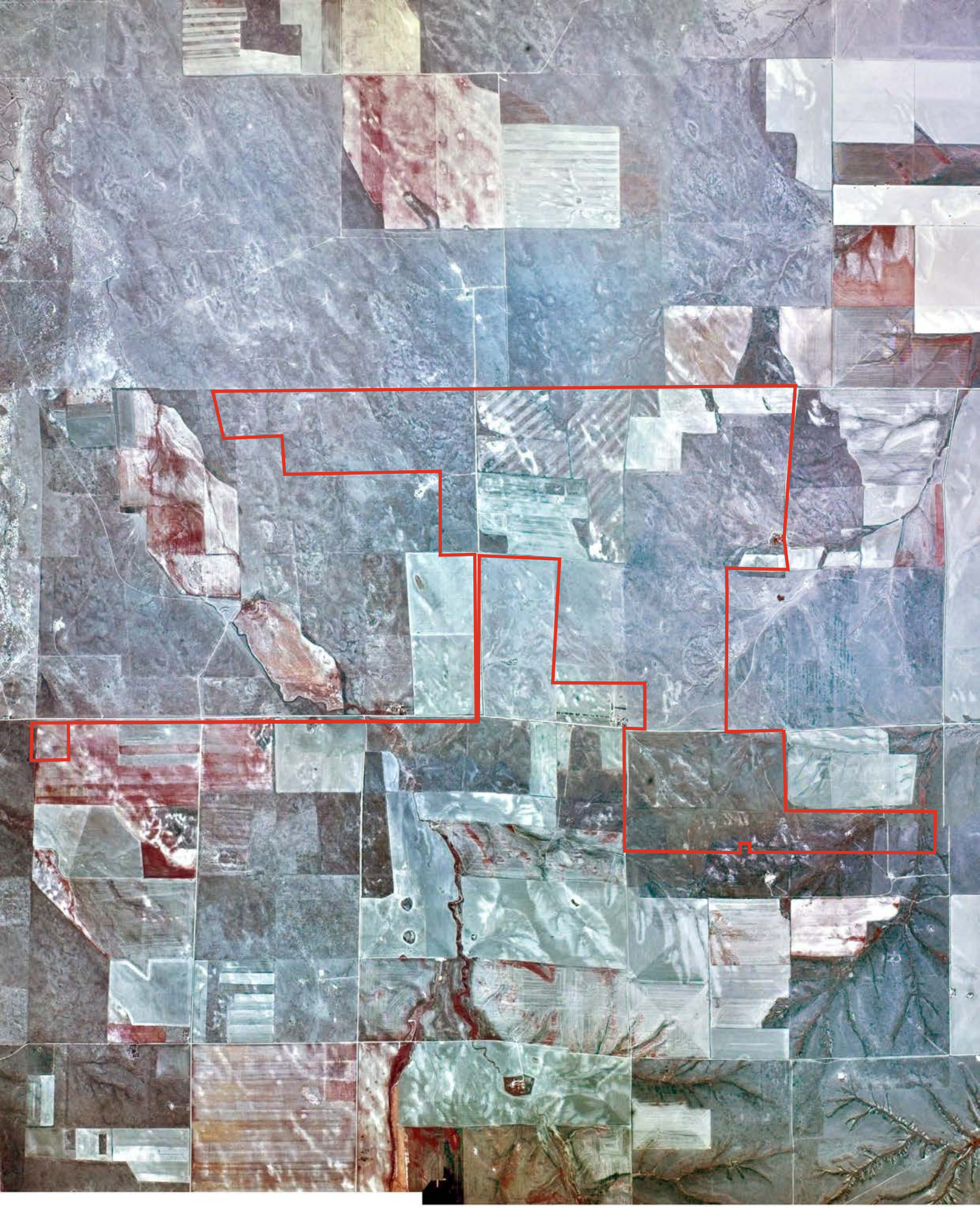

IL – 6 1937

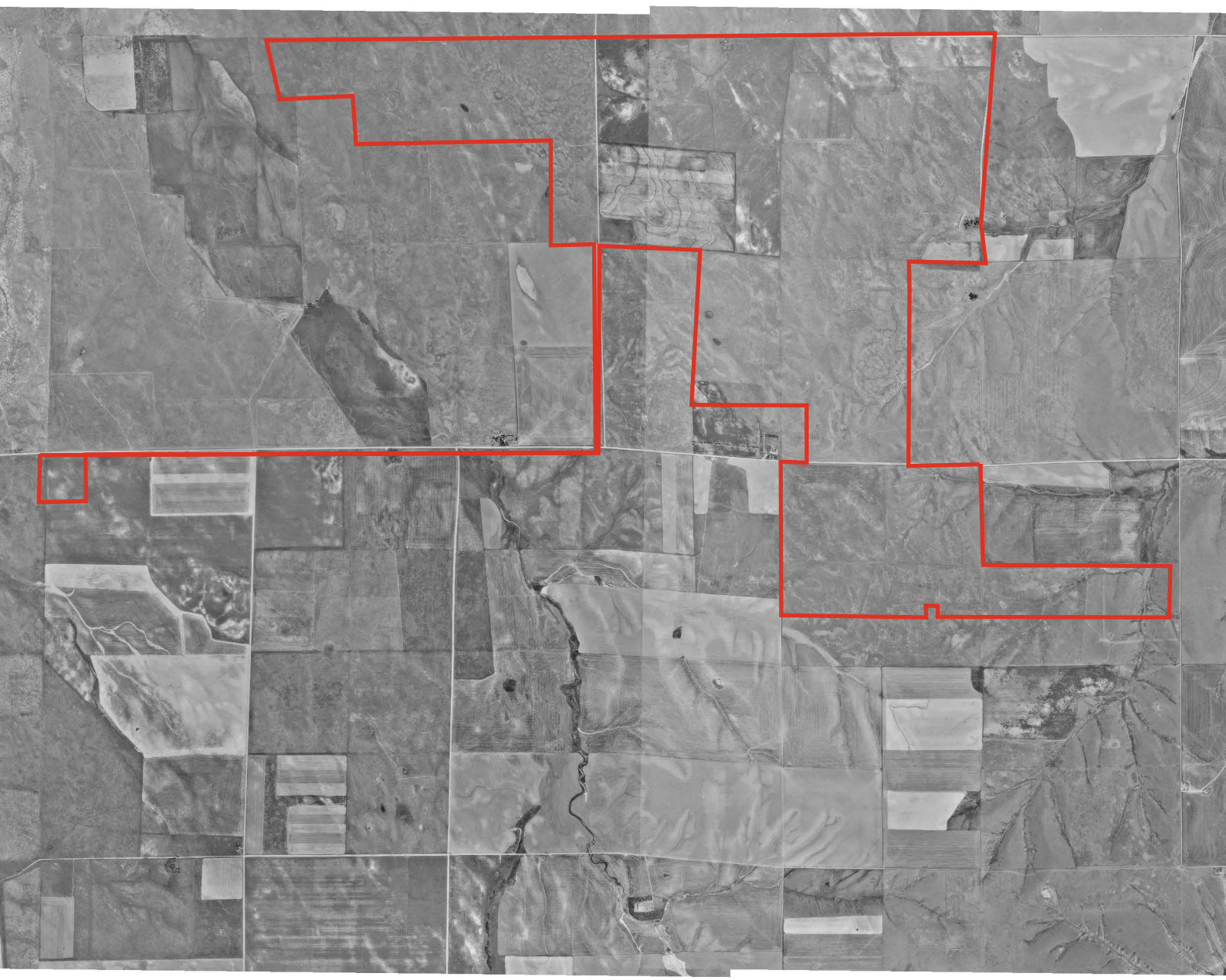

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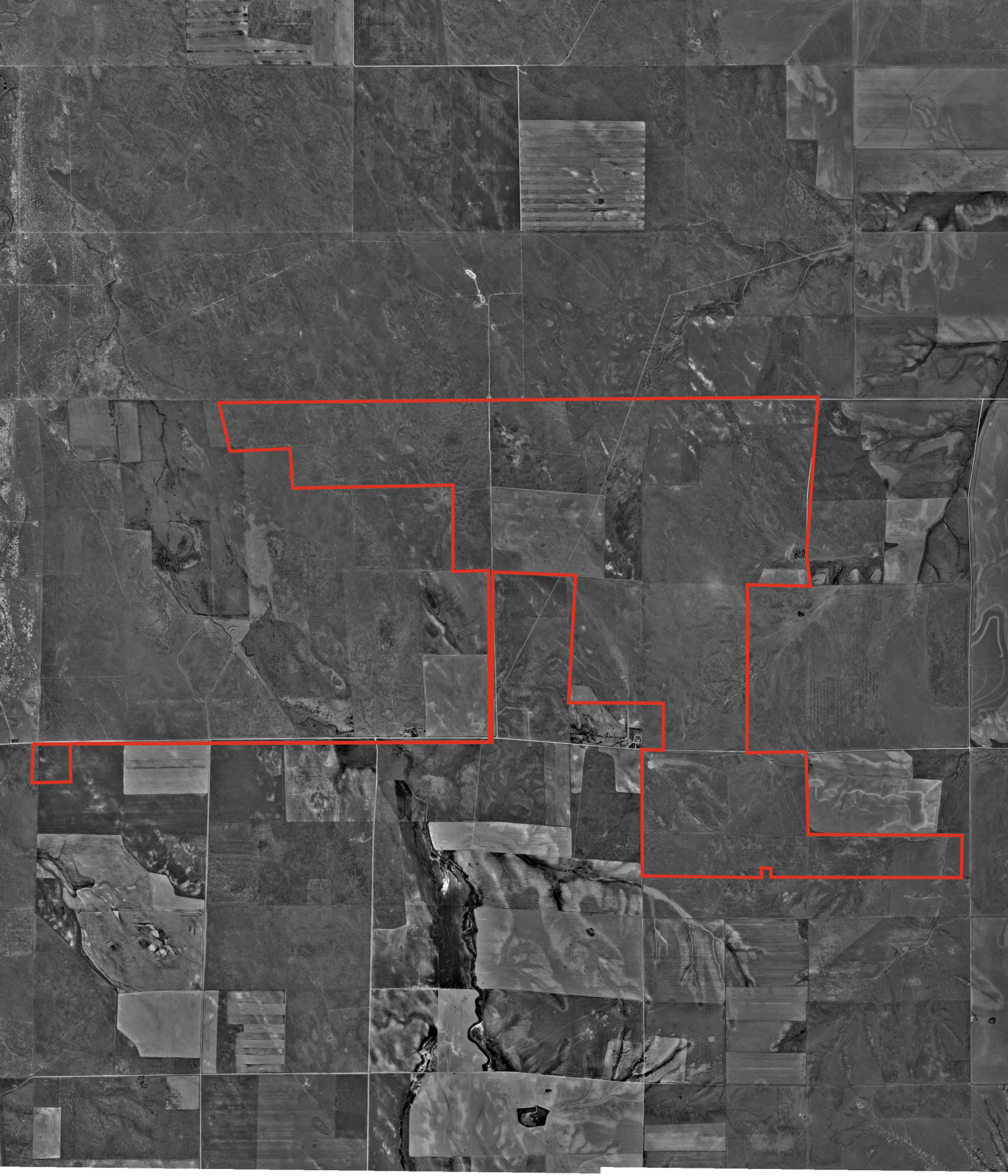


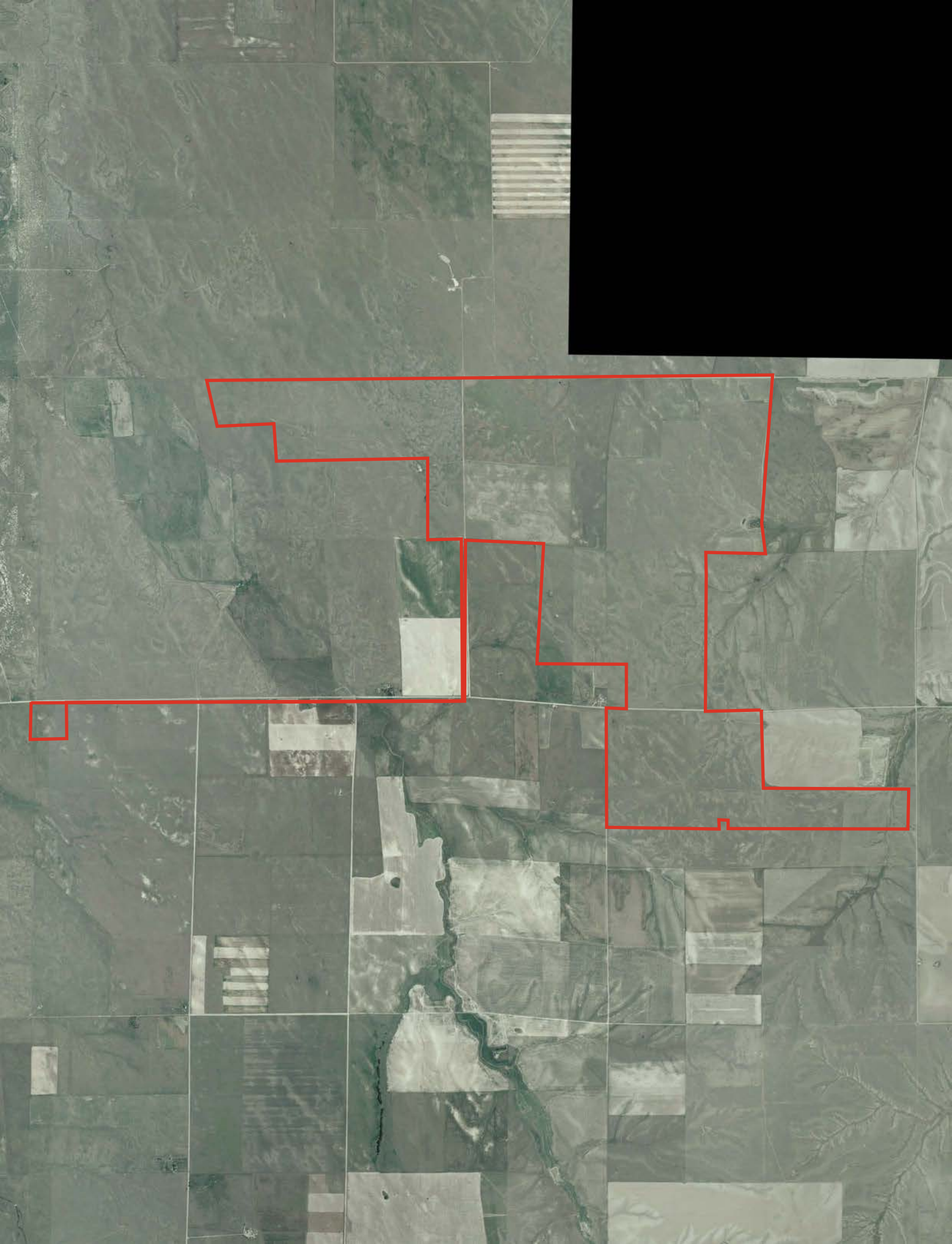


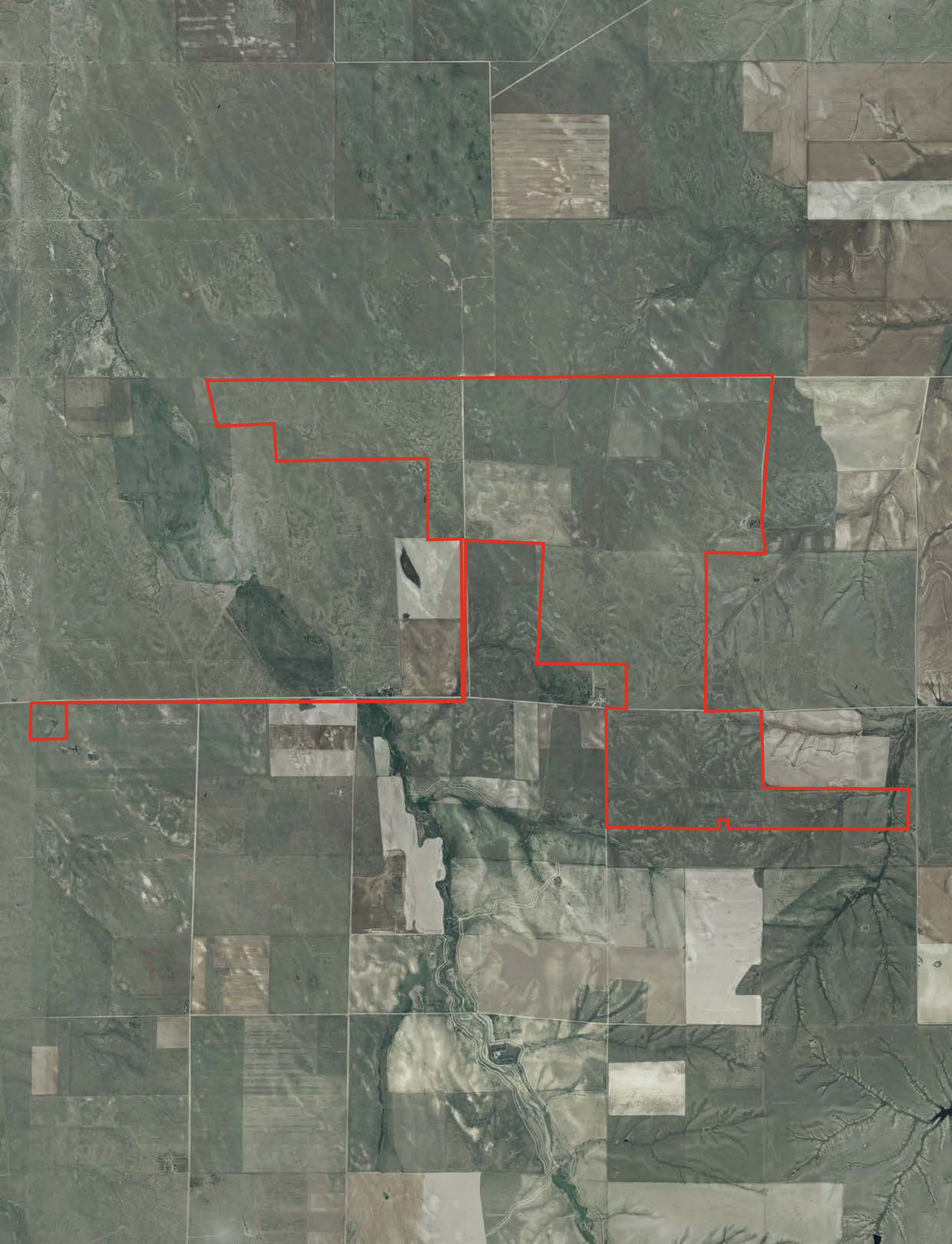


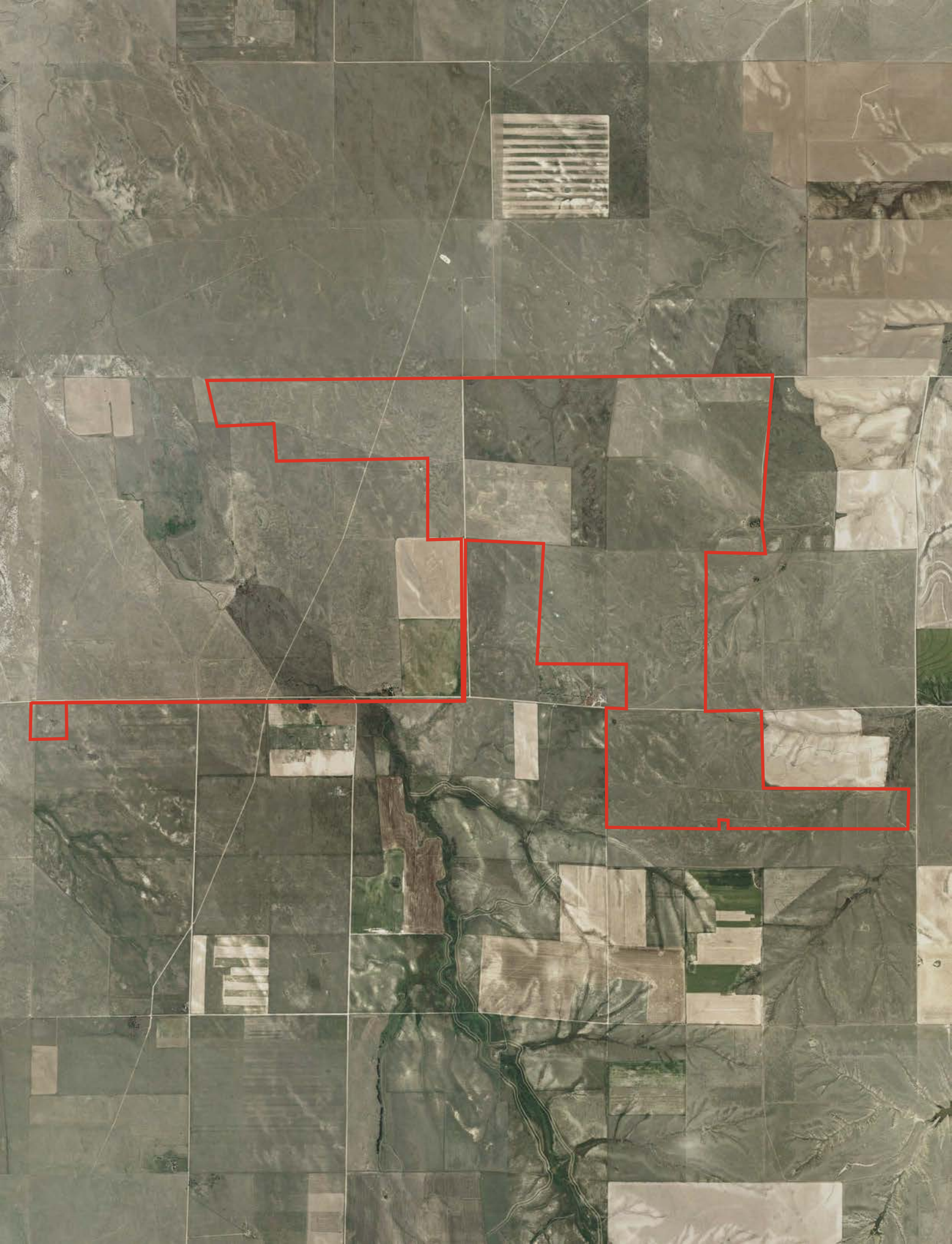


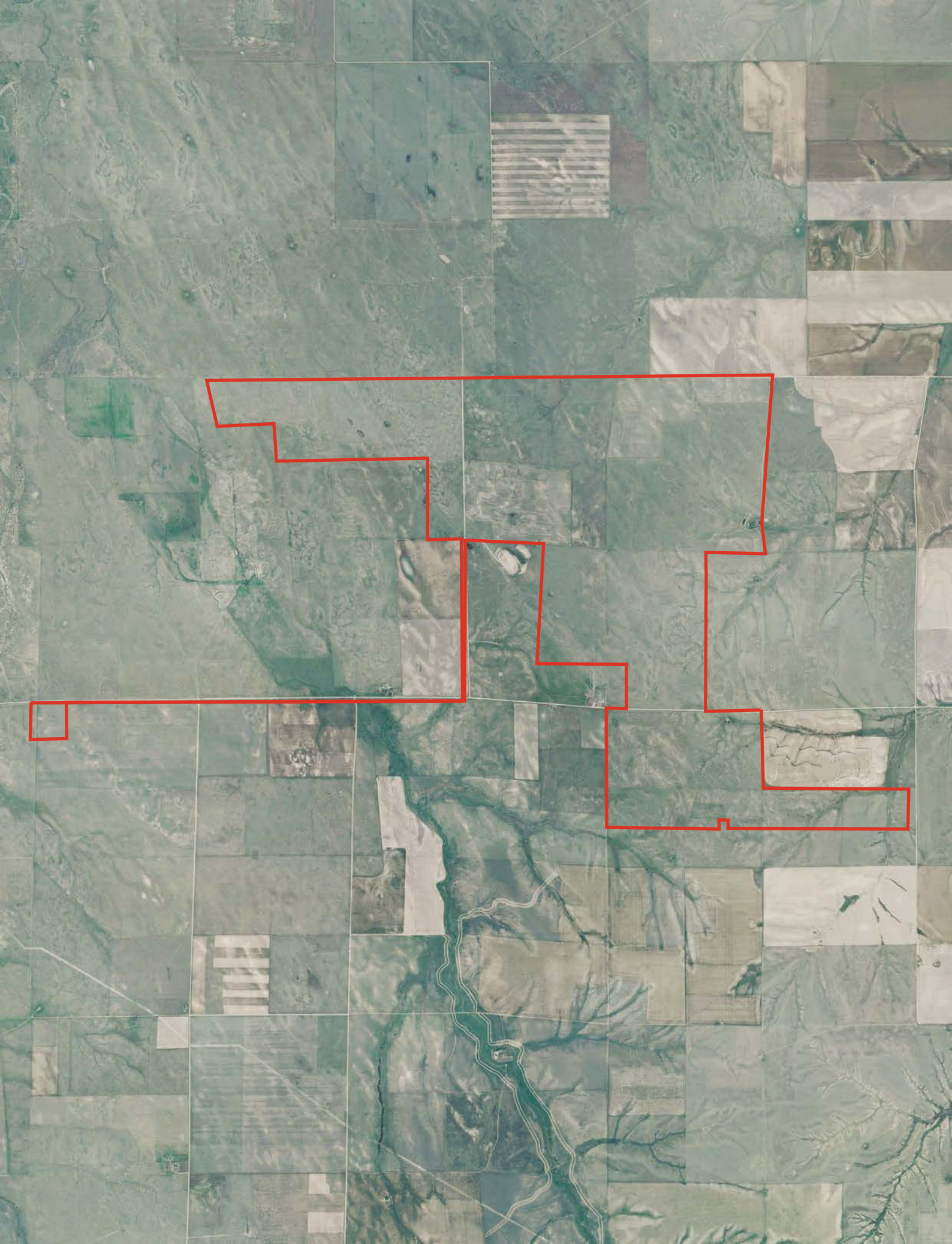


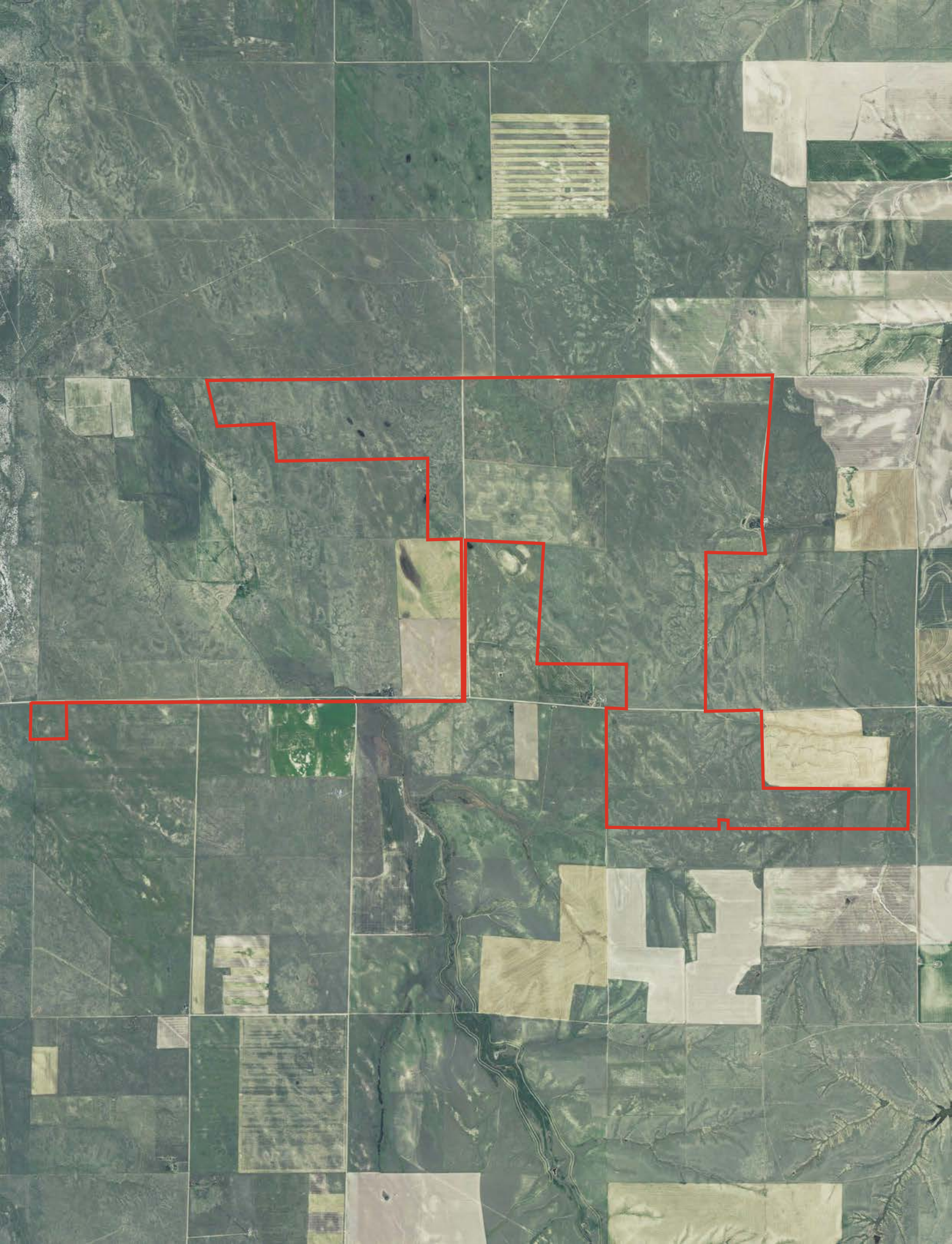


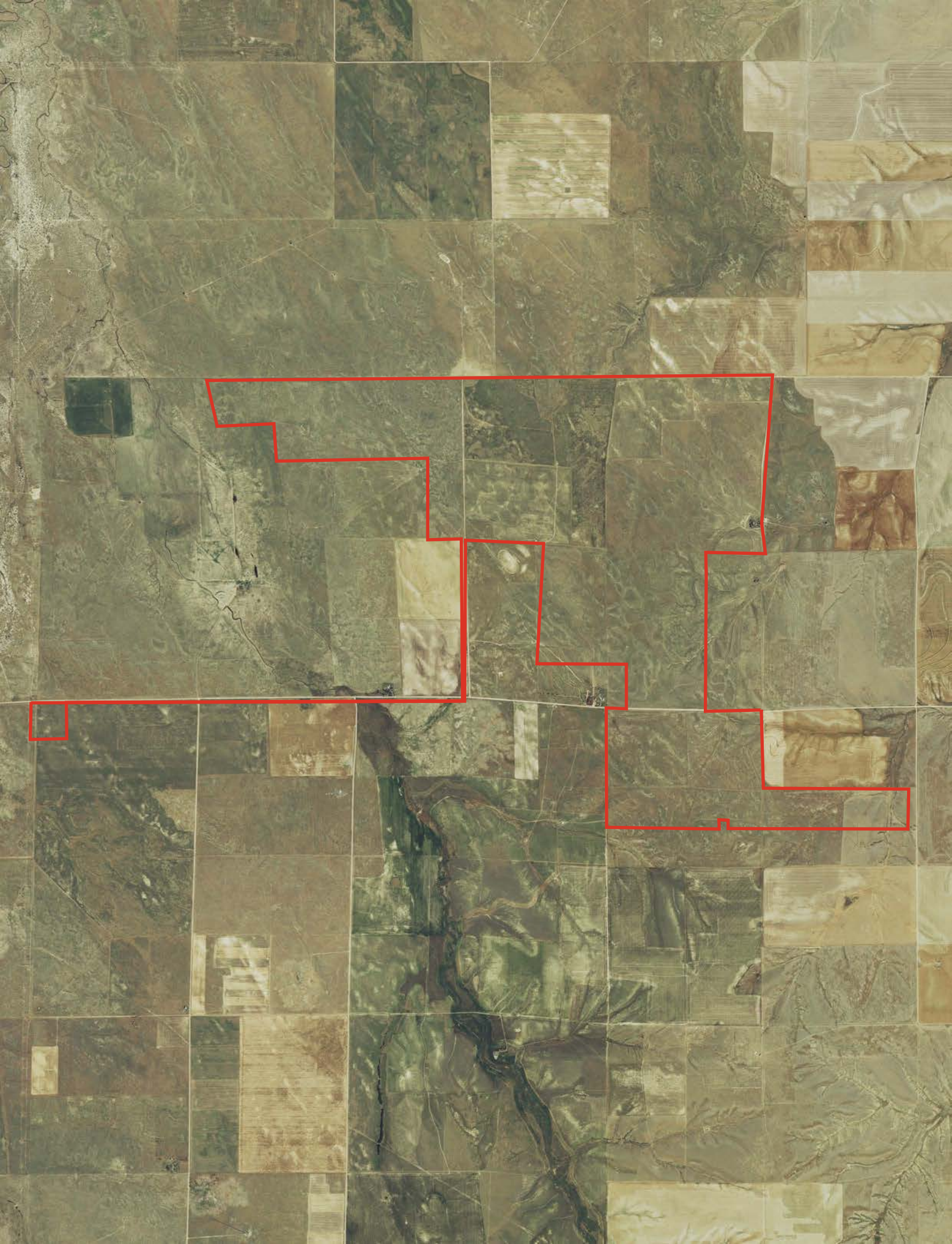


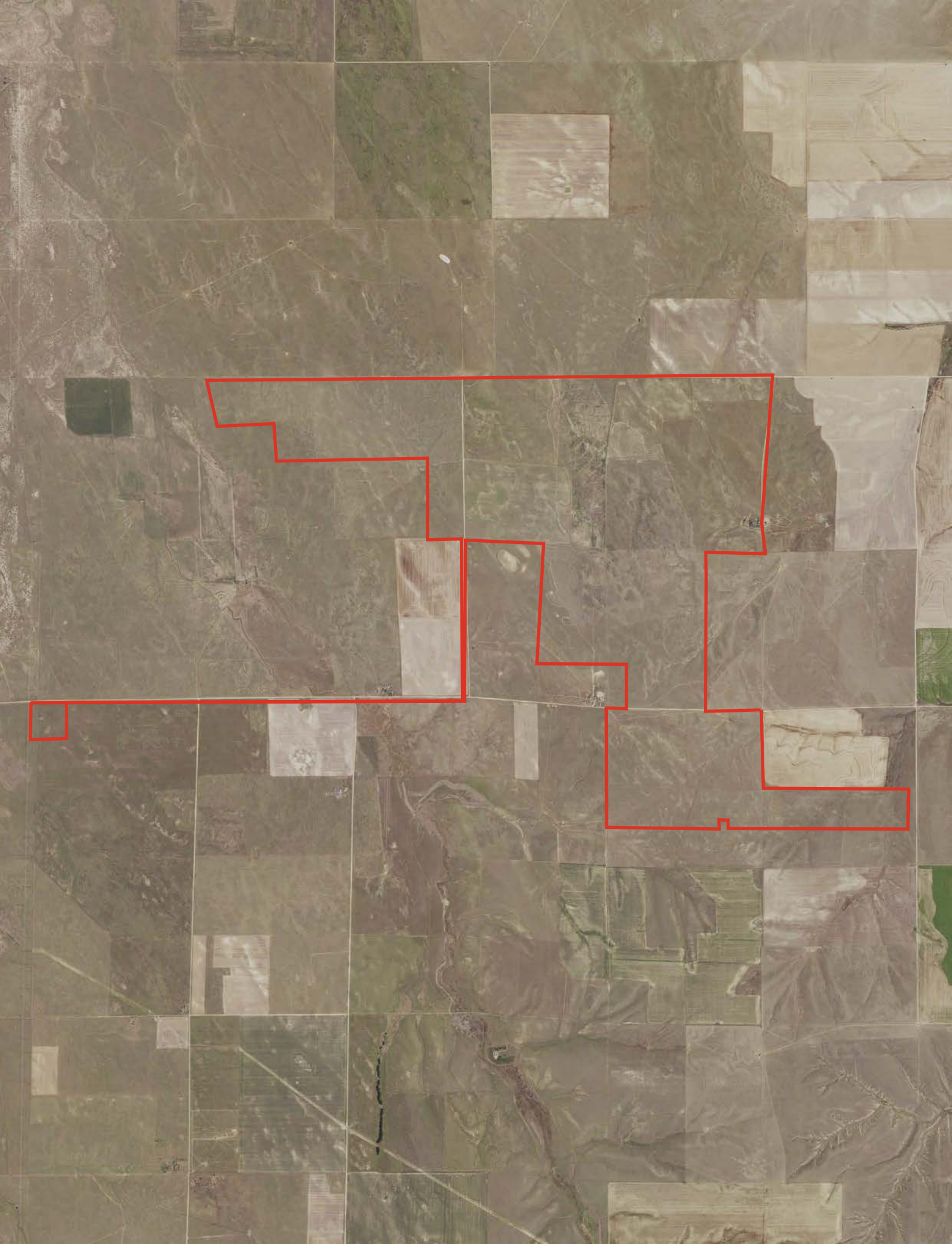


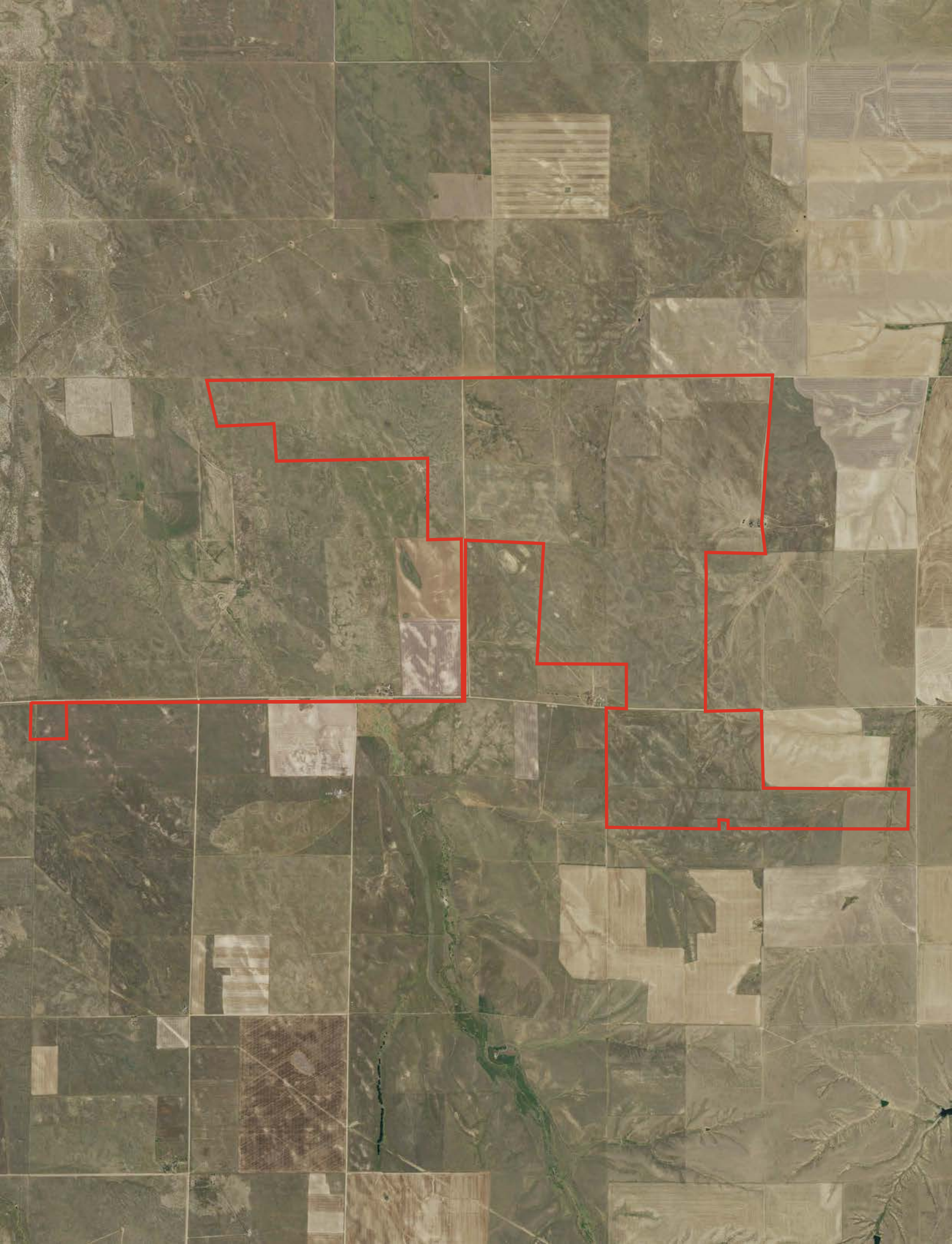


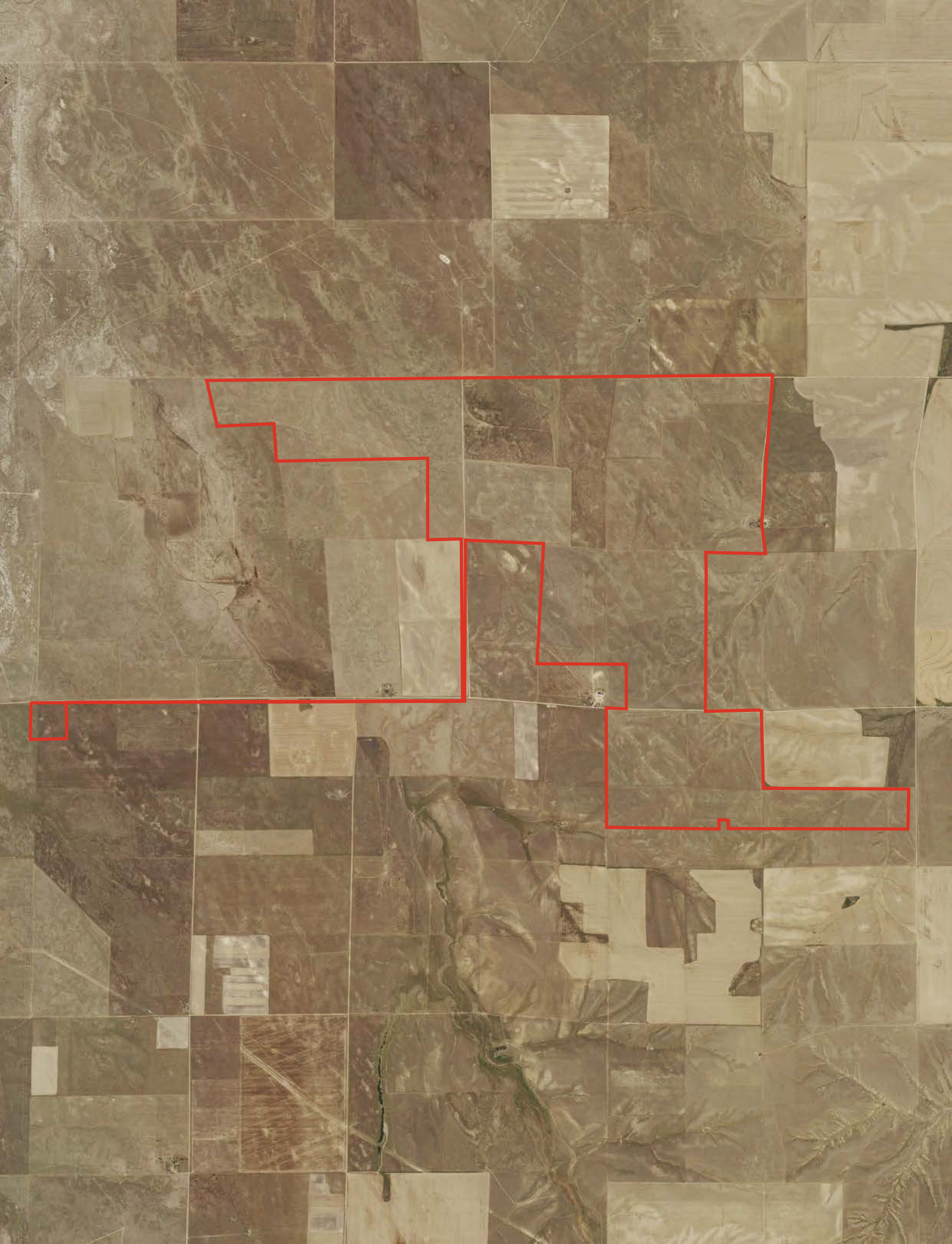


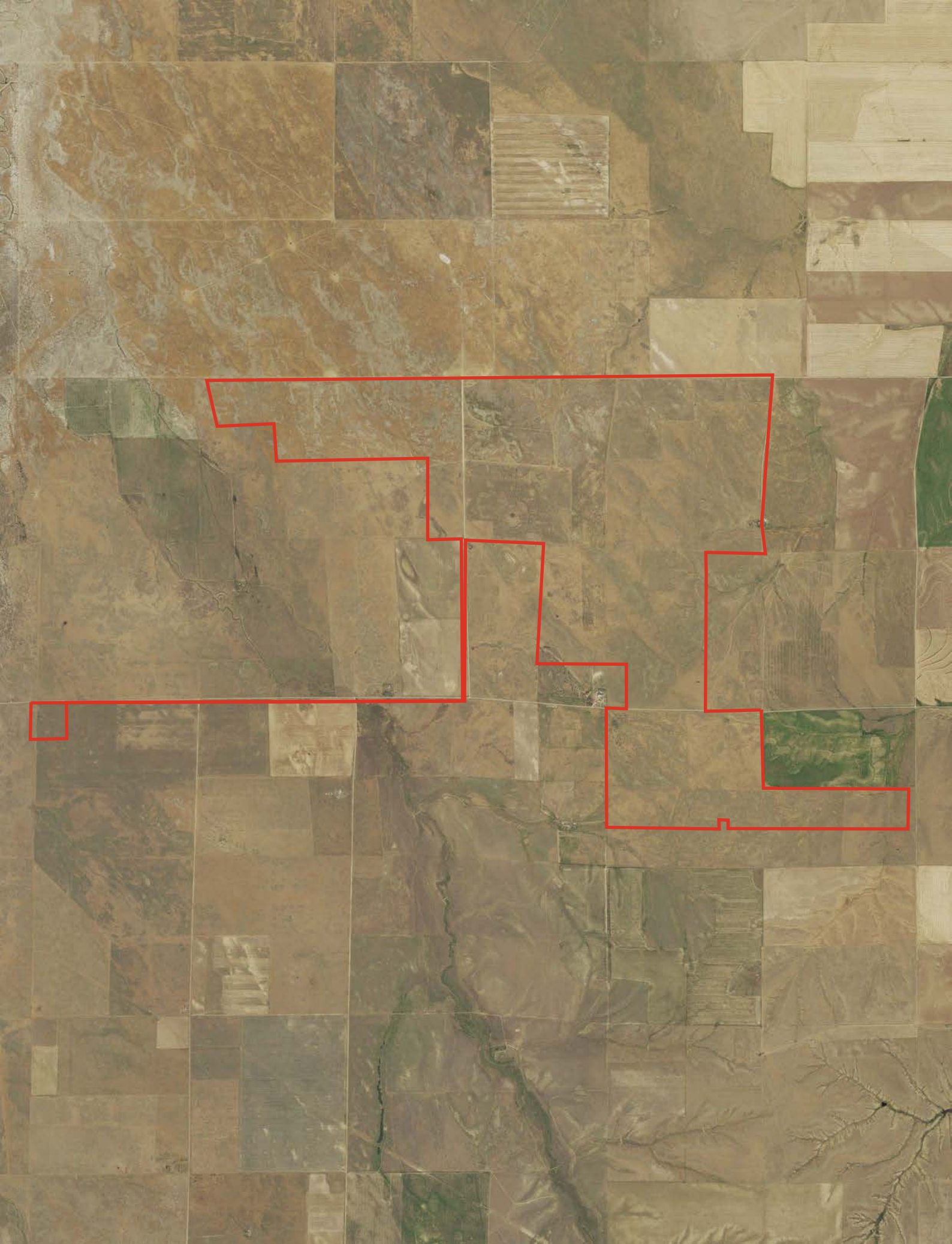


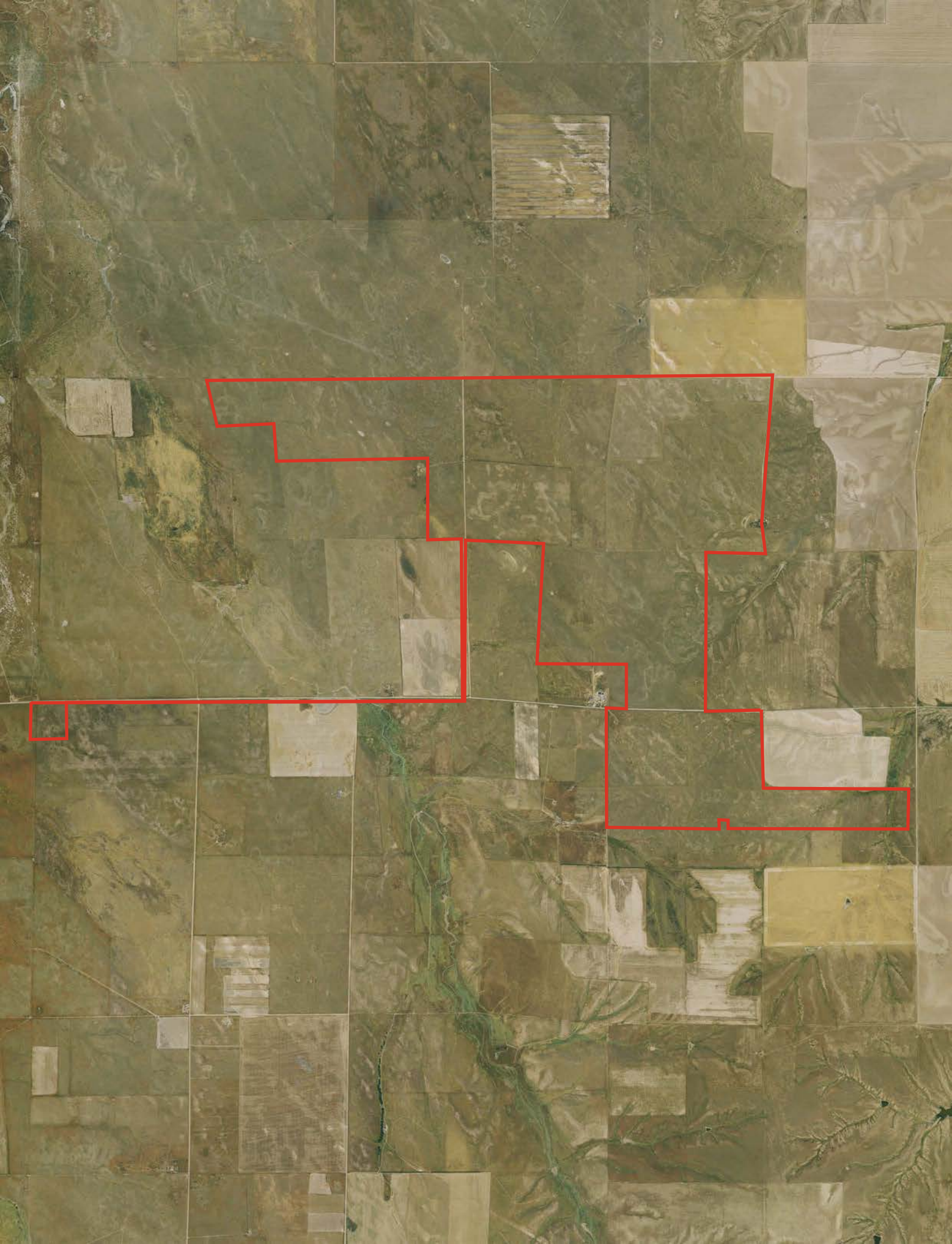












CITY DIRECTORY

Project Property:	*Goldwing* *Goldwing* *Fort Morgan,CO*
Project No:	*203732552, Task 4*
Requested By:	*Stantec Consulting Ltd.*
Order No:	*26022400384*
Date Completed:	*February 26, 2026*

Environmental Risk Information Services
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February 26, 2026
RE: CITY DIRECTORY RESEARCH
Goldwing
Fort Morgan,CO

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
ALL of 152nd Ave
ALL of CR 59
ALL of Mimosa Rd
Search Notes:

Search Results Summary

Date	Source	Comment
2024	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1998	DIGITAL BUSINESS DIRECTORY	
1994	CITY DIRECTORY CO	
1989-90	US WEST	
1974	JOHNSONS	
1971	JOHNSONS	
1967	ROCKY MOUNTAIN DIRECTORY	
1963	ROCKY MOUNTAIN DIRECTORY	
1957	ROCKY MOUNTAIN DIRECTORY	
1948	ROCKY MOUNTAIN DIRECTORY	

2024 152ND AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

87550 **GREGORY JANKOWSKI**...*RESIDENTIAL*

2024 CR 59

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2024 MIMOSA RD

SOURCE: DIGITAL BUSINESS DIRECTORY

11107	**RON MOUNT**	*RESIDENTIAL*
11780	**BEAUPREZ, MARK**	*NONCLASSIFIED ESTABLISHMENTS*
11780	**LISA BEAUPREZ**	*RESIDENTIAL*
11780	**MARK BEAUPREZ**	*RESIDENTIAL*
13255	**DONNA SAUER**	*RESIDENTIAL*
13851	**EDWARD KONTOUR**	*RESIDENTIAL*
13975	**DANIELLE SAUER**	*RESIDENTIAL*
13975	**SCOTT SAUER**	*RESIDENTIAL*
13975	**SHANNON KELLY**	*RESIDENTIAL*
14587	**BOBBI JACKSON**	*RESIDENTIAL*
14587	**LARRY JACKSON**	*RESIDENTIAL*
14587	**PLUMSILLI FARM**	*FARMS*
15181	**ALEKSEY FRIHAUF**	*RESIDENTIAL*
15181	**DANIEL FRIHAUF**	*RESIDENTIAL*
16407	**DELORES GROSZ**	*RESIDENTIAL*

2020 152ND AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2020 CR 59

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2020 MIMOSA RD

SOURCE: DIGITAL BUSINESS DIRECTORY

10850 **EARL HINER**...*RESIDENTIAL*
11107 **CATHY AVARA**...*RESIDENTIAL*
11780 **LISA BEAUPREZ**...*RESIDENTIAL*
11780 **MARK BEAUPREZ**...*RESIDENTIAL*
12955 **JESSE MARTIN**...*RESIDENTIAL*
13255 **DONNA SAUER**...*RESIDENTIAL*
13851 **EDWARD KONTOUR**...*RESIDENTIAL*
13975 **BARBARA FRIHAUF**...*RESIDENTIAL*
13975 **GARY FRIHAUF**...*RESIDENTIAL*
14587 **BOBBI JACKSON**...*RESIDENTIAL*
14587 **LARRY JACKSON**...*RESIDENTIAL*
15181 **ALEKSEY FRIHAUF**...*RESIDENTIAL*
16407 **DELORES GROSZ**...*RESIDENTIAL*

2016 152ND AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2016 CR 59

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2016 MIMOSA RD

SOURCE: DIGITAL BUSINESS DIRECTORY

10850 **EARL HINER**...*RESIDENTIAL*
11107 **CATHY AVARA**...*RESIDENTIAL*
11107 **EARL AVARA**...*RESIDENTIAL*
11780 **BEAUPREZ, MARK**...*NONCLASSIFIED ESTABLISHMENTS*
11780 **LISA BEAUPREZ**...*RESIDENTIAL*
11780 **MARK BEAUPREZ**...*RESIDENTIAL*
12900 **GAIL EVANS**...*RESIDENTIAL*
12955 **JESSE MARTIN**...*RESIDENTIAL*
13255 **JAMES SAUER**...*RESIDENTIAL*
13851 **EDWARD KONTOUR**...*RESIDENTIAL*
13851 **SHARLA KONTOUR**...*RESIDENTIAL*
13975 **GARY FRIHAUF**...*RESIDENTIAL*
14587 **PLUMSILLI FARM**...*FARMS*
15181 **ALEKSEY FRIHAUF**...*RESIDENTIAL*
15181 **DANIEL FRIHAUF**...*RESIDENTIAL*
15181 **NATHAN FRIHAUF**...*RESIDENTIAL*
16407 **DELORES GROSZ**...*RESIDENTIAL*

2012 152ND AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 CR 59

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 MIMOSA RD

SOURCE: DIGITAL BUSINESS DIRECTORY

11780 **LISA BEAUPREZ**...*RESIDENTIAL*
11780 **MARK BEAUPREZ**...*RESIDENTIAL*
12900 **JACK FRIHAUF**...*RESIDENTIAL*
13255 **DONNA SAUER**...*RESIDENTIAL*
13255 **JAMES SAUER**...*RESIDENTIAL*
13851 **EDWARD KONTOUR**...*RESIDENTIAL*
13851 **SHARLA KONTOUR**...*RESIDENTIAL*
14587 **BOBBI JACKSON**...*RESIDENTIAL*
14587 **LARRY JACKSON**...*RESIDENTIAL*
14587 **PLUMSILLI FARM**...*ALL OTHER MISCELLANEOUS CROP FARMING*
14587 **PLUMSILLI FARM**...*FARMS*
15180 **DAN FRIHAUF**...*RESIDENTIAL*
15180 **SHELLEY FRIHAUF**...*RESIDENTIAL*

2008 152ND AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

88990 **DAVID R BARTLETT**...*RESIDENTIAL*

2008 CR 59

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2008 MIMOSA RD

SOURCE: DIGITAL BUSINESS DIRECTORY

10850 **EARL & LOU HINER**...*RESIDENTIAL*
11011 **RUSTY BLAND**...*RESIDENTIAL*
11780 **MARK & LISA BEAUPREZ**...*RESIDENTIAL*
11780 **MARK BEAUPREZ**...*GENERAL CROP FARM*
12900 **JACK FRIHAUF**...*RESIDENTIAL*
13255 **JIM SAUER**...*RESIDENTIAL*
13851 **EDWARD D KONTOUR**...*RESIDENTIAL*
14587 **LARRY & BOBBI JACKSON**...*RESIDENTIAL*
14587 **PLUMSILLI FARM**...*GENERAL ANIMAL FARM*
14587 **PLUMSILLI FARM**...*GENERAL CROP FARMS*
15180 **DAN & SHELLEY FRIHAUF**...*RESIDENTIAL*
15180 **DANIEL A FRIHAUF**...*UNCLASSIFIED*
16407 **ALLEN & DELORES GROSZ**...*RESIDENTIAL*

2003 152ND AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

89990 **DAVID R BARTLETT**...*RESIDENTIAL*

2003 CR 59

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2003 MIMOSA RD

SOURCE: DIGITAL BUSINESS DIRECTORY

14587 **PLUMSILLI FARM**

2000 152ND AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

89990 **DAVID R BARTLETT**...*RESIDENTIAL*

2000 CR 59

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2000 MIMOSA RD

SOURCE: DIGITAL BUSINESS DIRECTORY

14587 **PLUMSILLI FARM**

1998 152ND AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

1998 CR 59

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

1998 MIMOSA RD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

1994 152ND AVE

SOURCE: CITY DIRECTORY CO

STREET NOT LISTED

1994 CR 59

SOURCE: CITY DIRECTORY CO

STREET NOT LISTED

1994 MIMOSA RD

SOURCE: CITY DIRECTORY CO

STREET NOT LISTED

1989-90 152ND AVE

SOURCE: US WEST

STREET NOT LISTED

1989-90 CR 59

SOURCE: US WEST

STREET NOT LISTED

1989-90 MIMOSA RD

SOURCE: US WEST

STREET NOT LISTED

1974 152ND AVE

SOURCE: JOHNSONS

STREET NOT LISTED

1974 CR 59

SOURCE: JOHNSONS

STREET NOT LISTED

1974 MIMOSA RD

SOURCE: JOHNSONS

STREET NOT LISTED

1971 152ND AVE

SOURCE: JOHNSONS

STREET NOT LISTED

1971 CR 59

SOURCE: JOHNSONS

STREET NOT LISTED

1971 MIMOSA RD

SOURCE: JOHNSONS

STREET NOT LISTED

1967 152ND AVE

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1967 CR 59

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1967 MIMOSA RD

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1963 152ND AVE

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1963 CR 59

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1963 MIMOSA RD

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1957 152ND AVE

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1957 CR 59

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1957 MIMOSA RD

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1948 152ND AVE

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1948 CR 59

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

1948 MIMOSA RD

SOURCE: ROCKY MOUNTAIN DIRECTORY

STREET NOT LISTED

FIRE INSURANCE MAPS

Project Property: Goldwing
Goldwing Fort Morgan CO
Project No: 203732552, Task 4
Requested By: Stantec Consulting Ltd.
Order No: 26022400384
Date Completed: February 26, 2026

Please note that no information was found for your site or adjacent properties.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

TOPOGRAPHIC MAPS

Project Property:	Goldwing
	Goldwing Fort Morgan CO None
Project No:	203732552, Task 4
Requested By:	Stantec Consulting Ltd.
Order No:	26022400384
Date Completed:	February 26, 2026

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We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
1963	7.5
1973	7.5
1984	7.5
2013	7.5
2016	7.5
2019	7.5
2022	7.5

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

Page 223 of 1918 Topographic Instructions

Page 130 of 1928 Topographic Instructions

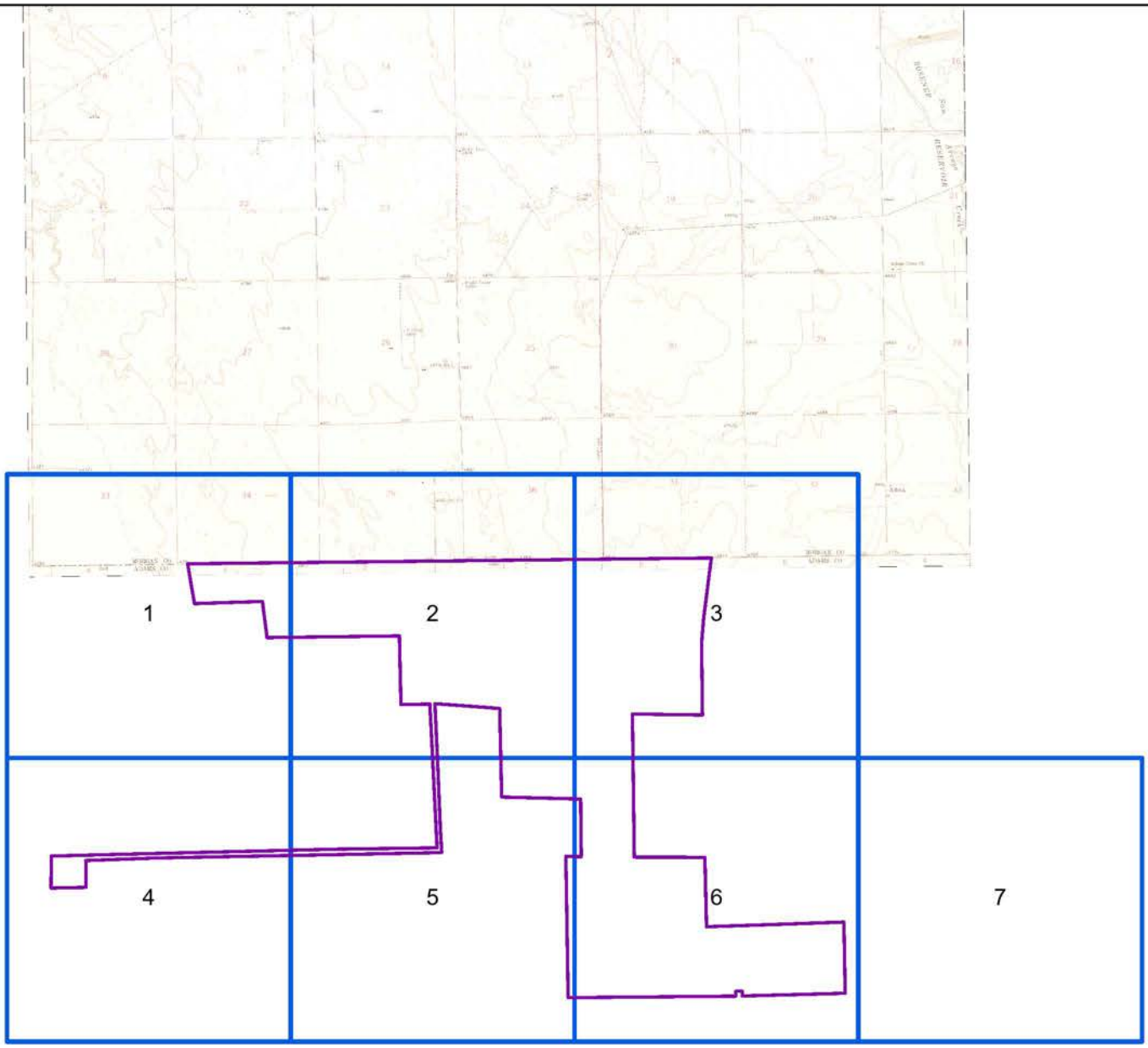
1947-2009

Topographic Map Symbols

2009-present

US Topo Map Symbols

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.
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1963 (1-1963)

Aerial Photo Year: 1962

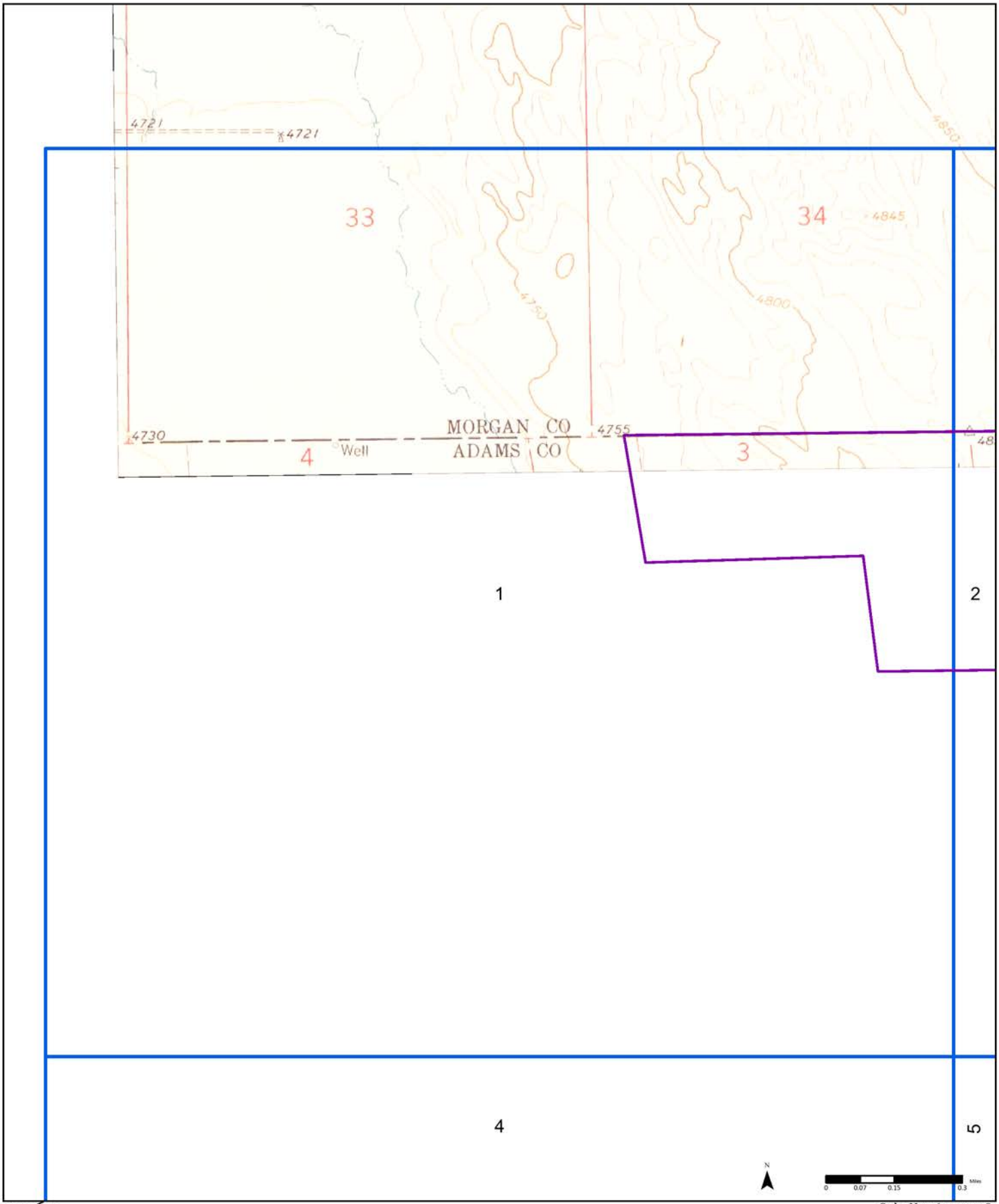
Order No. 26022400384



Available Quadrangle(s): Adena, CO(1-1963)

Source: USGS 7.5 Minute Topographic Map

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1963 (1-1963)

Aerial Photo Year: 1962

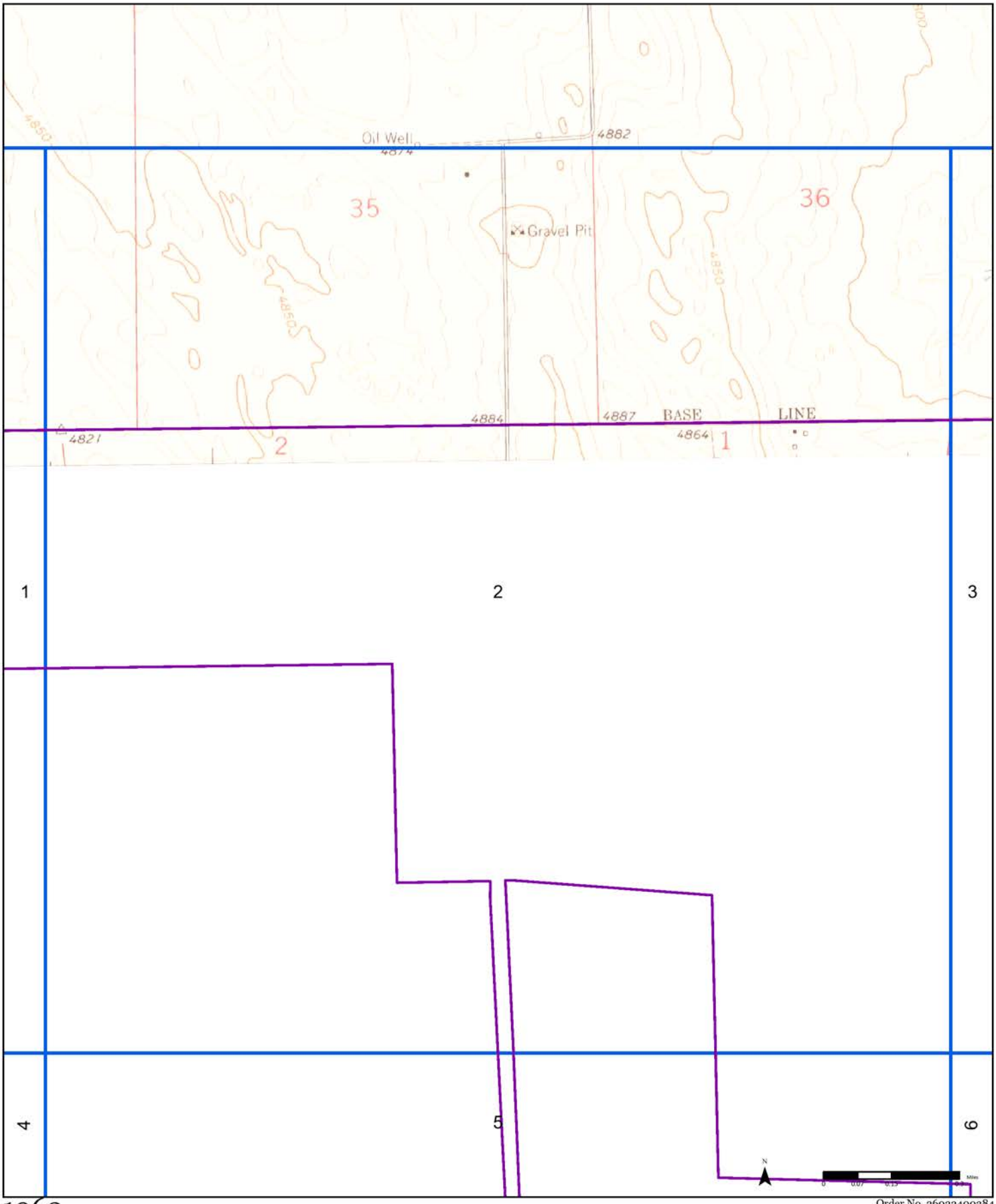
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Available Quadrangle(s): Adena, CO(1-1963)

Source: USGS 7.5 Minute Topographic Map

ERIS



1963 (1-1963)

Aerial Photo Year: 1962

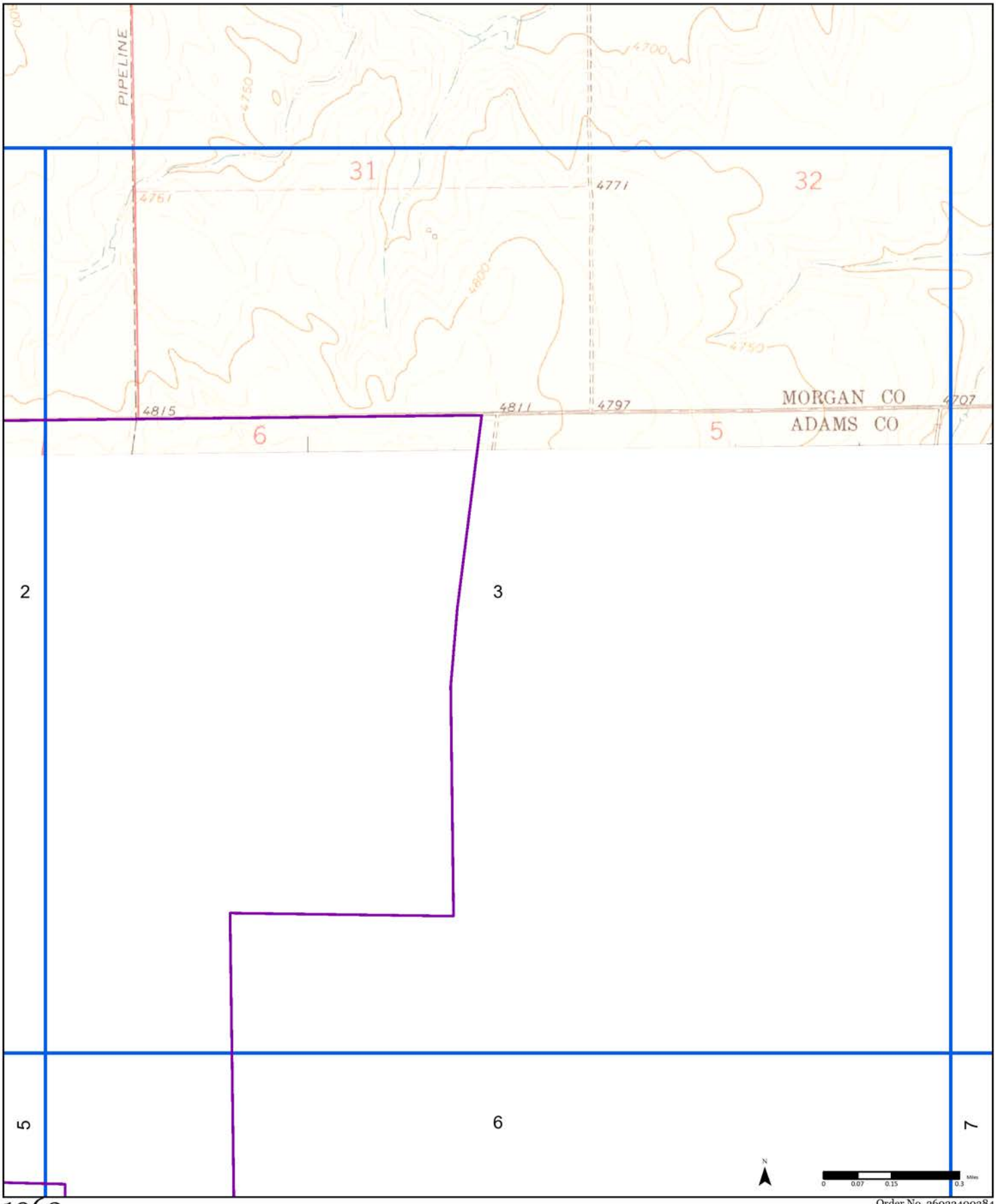
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Available Quadrangle(s): Adena, CO(1-1963)

Source: USGS 7.5 Minute Topographic Map

ERIS



1963 (1-1963)

Aerial Photo Year: 1962

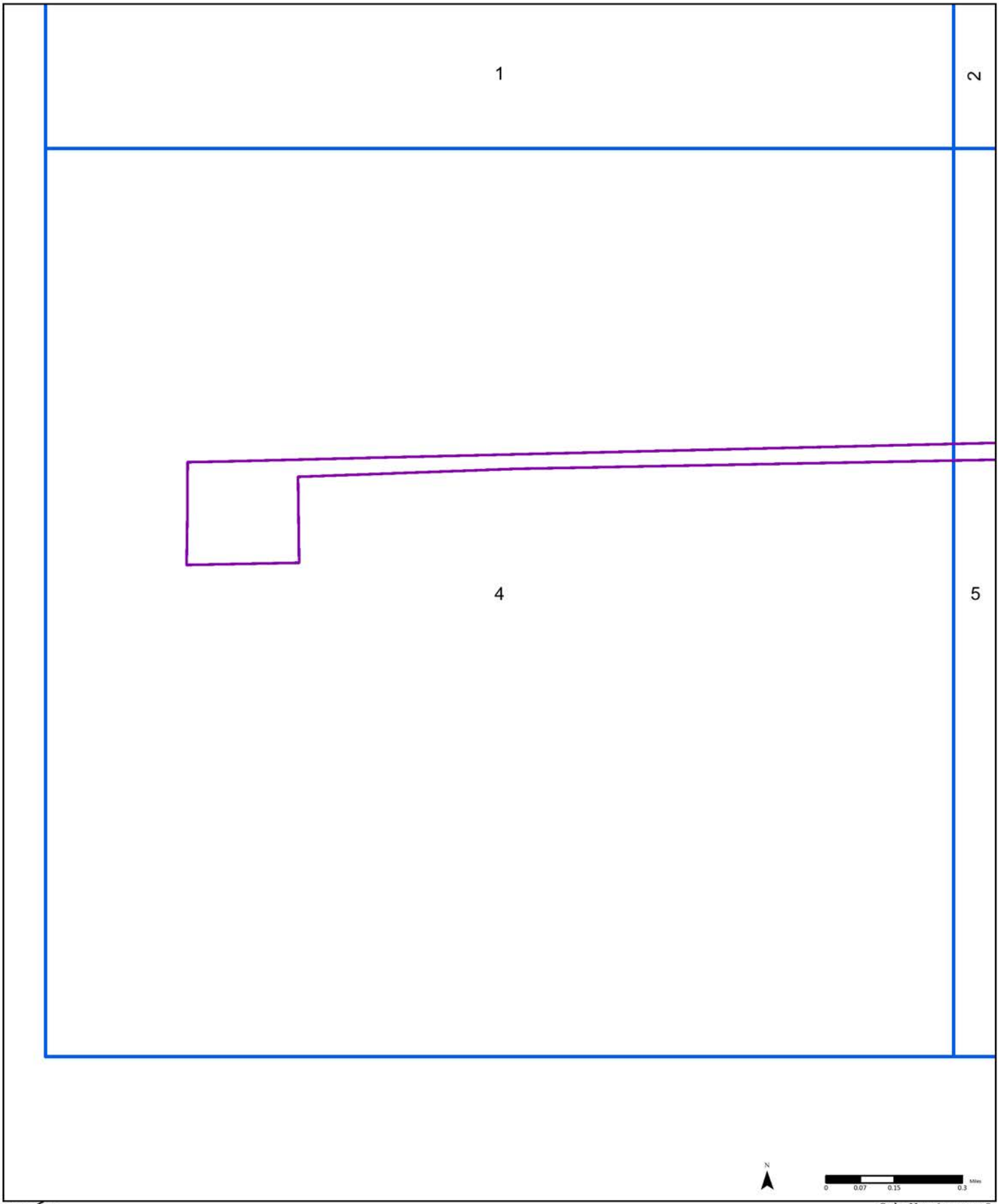
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Available Quadrangle(s): Adena, CO(1-1963)

Source: USGS 7.5 Minute Topographic Map

ERIS



1963 (1-1963)

Aerial Photo Year: 1962

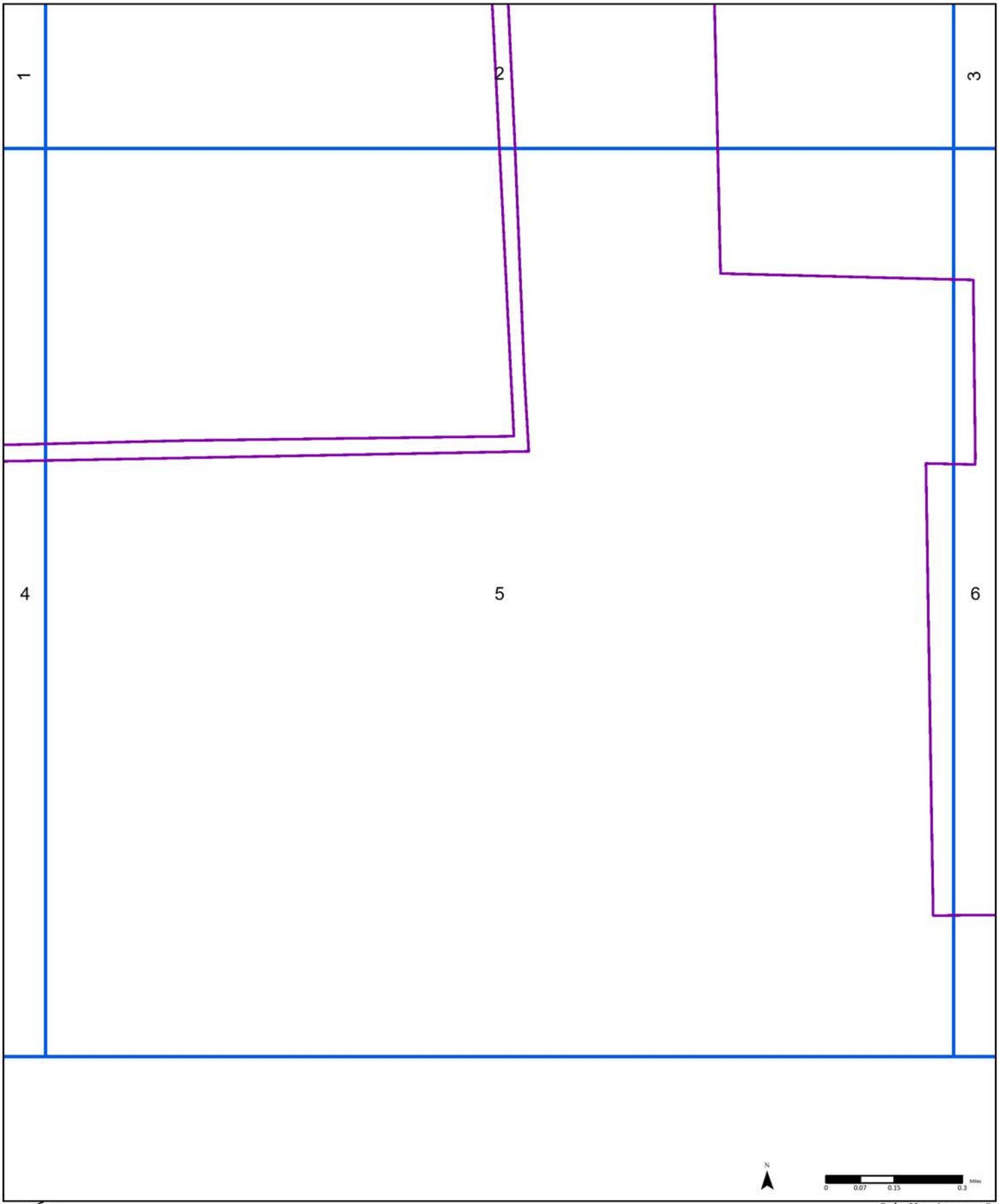
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Available Quadrangle(s): Adena, CO(1-1963)

Source: USGS 7.5 Minute Topographic Map

ERIS



1963 (1-1963)

Aerial Photo Year: 1962

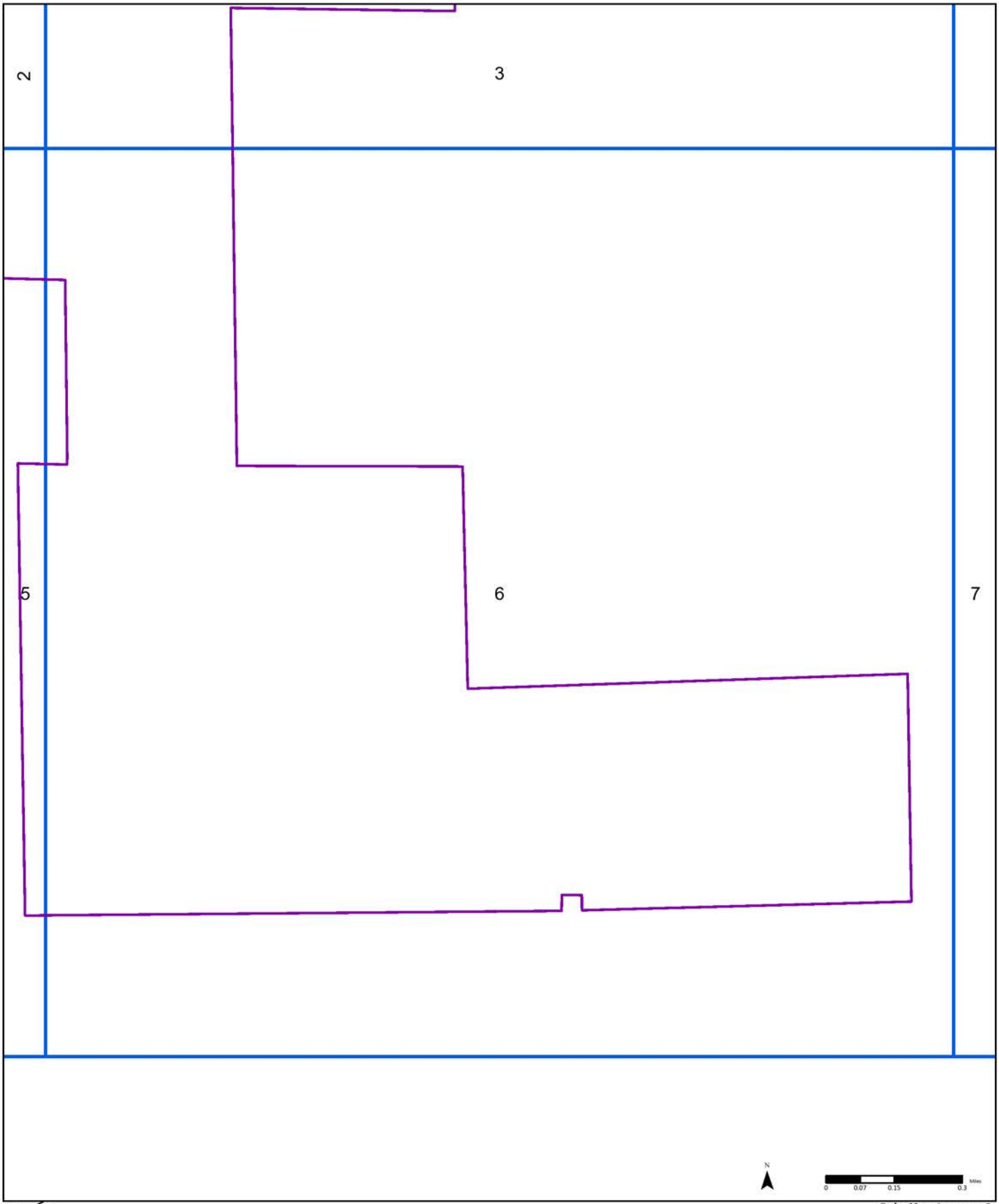
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Available Quadrangle(s): Adena, CO(1-1963)

Source: USGS 7.5 Minute Topographic Map

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Aerial Photo Year: 1962

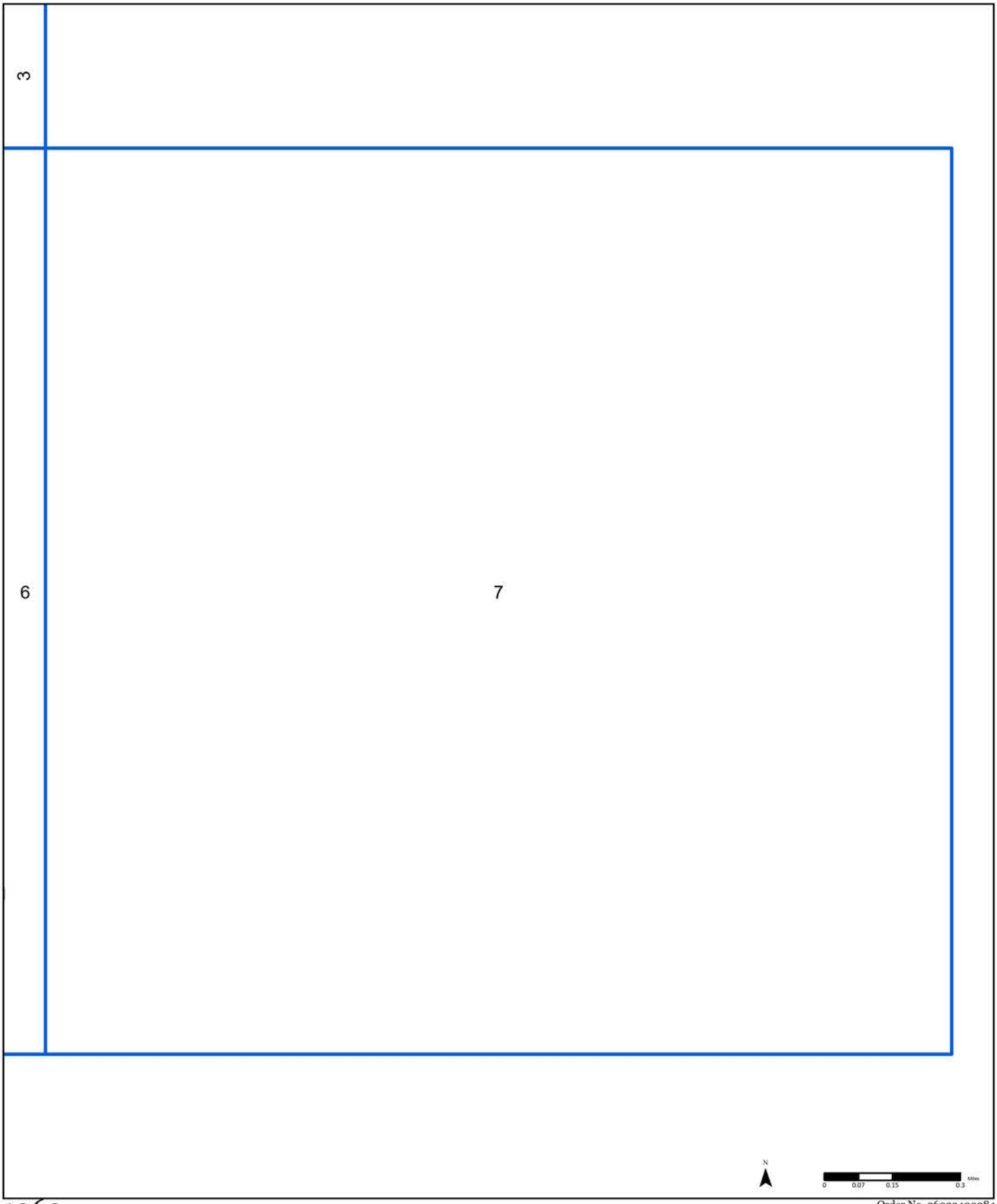
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Available Quadrangle(s): Adena, CO(1-1963)

Source: USGS 7.5 Minute Topographic Map

ERIS



1963 *(1-1963)*

Aerial Photo Year: 1962

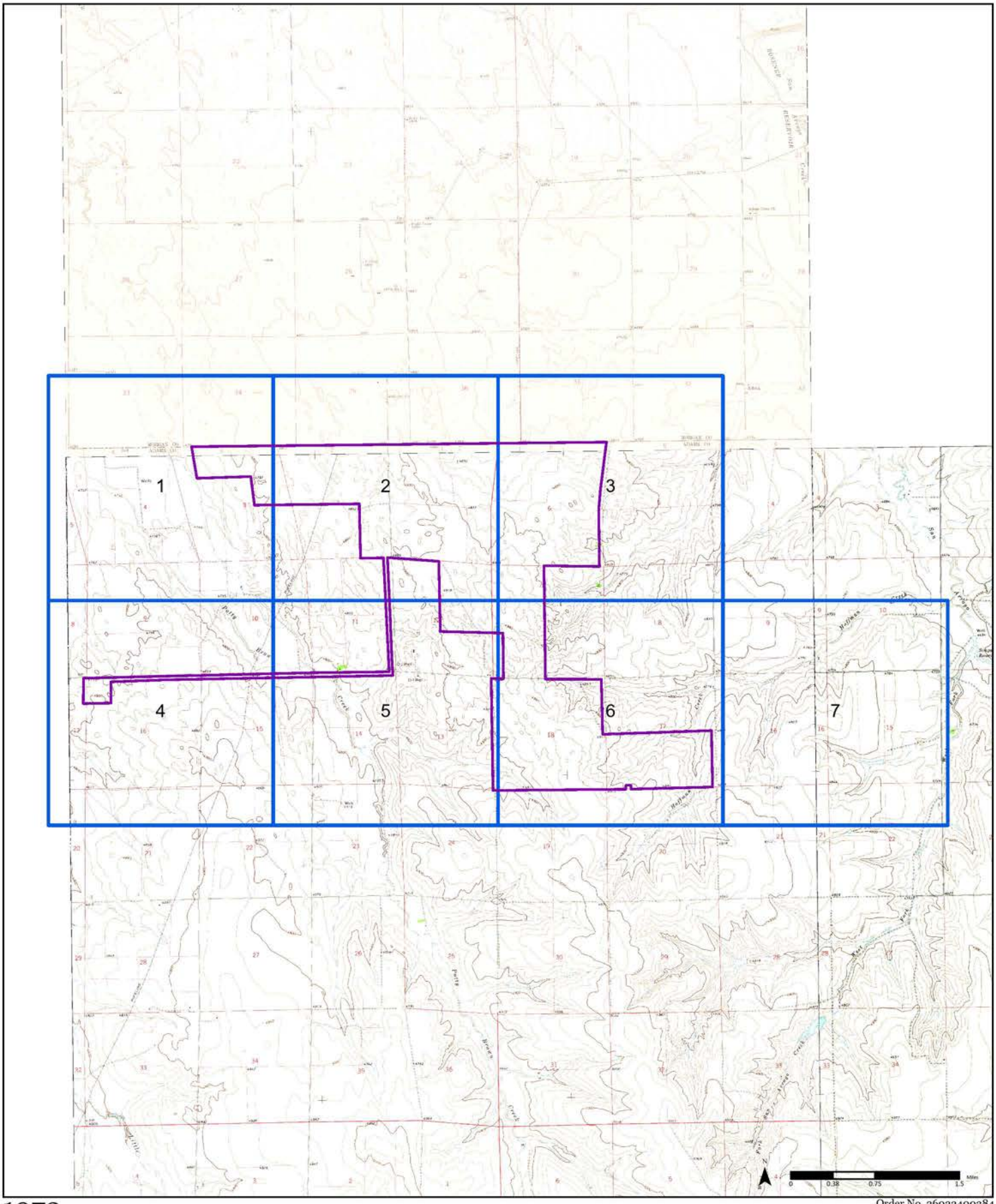
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Available Quadrangle(s): Adena, CO(1-1963)

Source: USGS 7.5 Minute Topographic Map

ERIS



1973

(1-1963) Aerial Photo Year: 1962

(2-1973) Aerial Photo Year: 1972

(3-1973) Aerial Photo Year: 1972

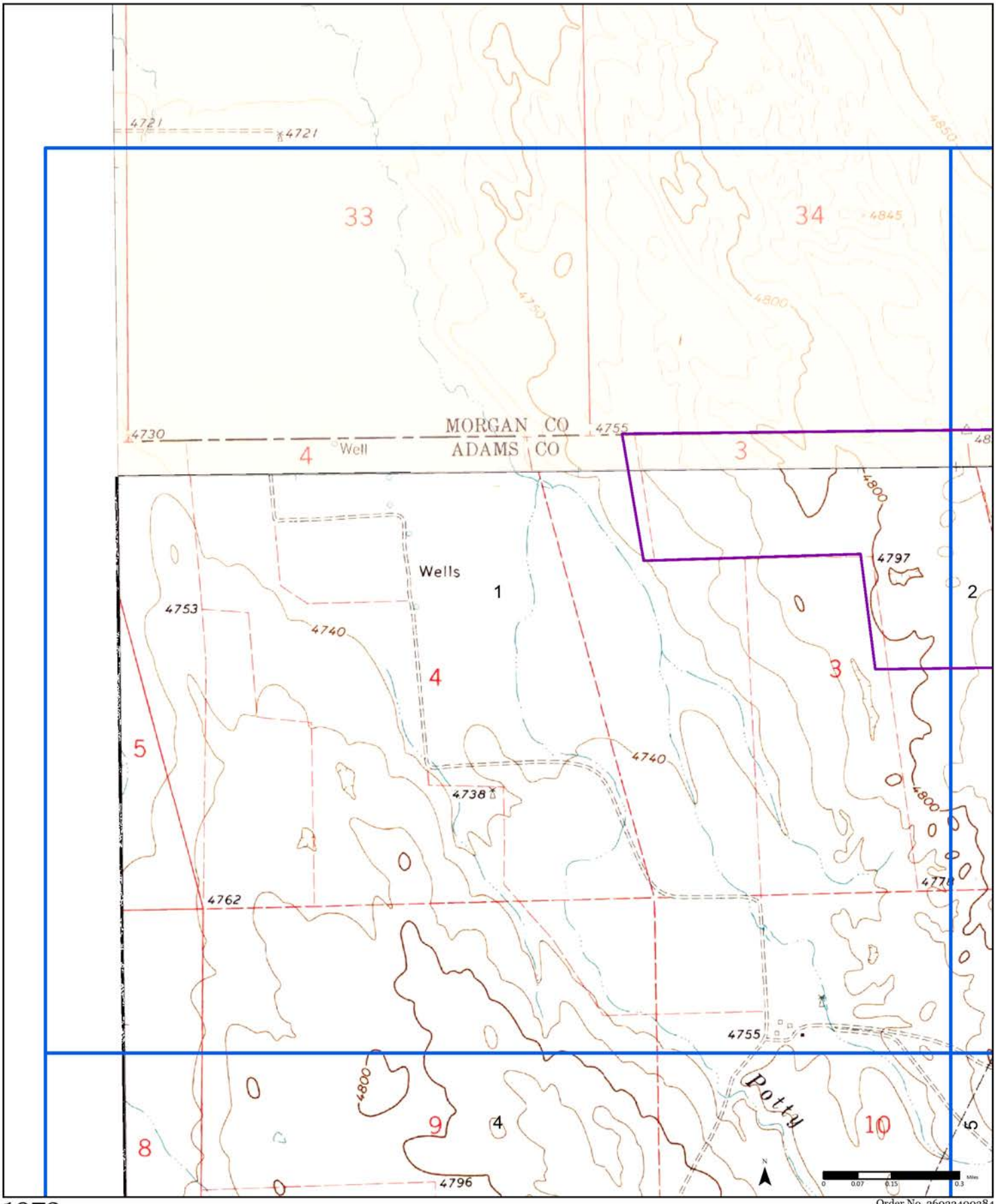
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Available Quadrangle(s): Adena, CO(1-1963)
Potty Brown Creek, CO(3-1973)
Shamrock, CO(2-1973)

Source: USGS 7.5 Minute Topographic Map

ERIS



1973

(1-1963) *Aerial Photo Year: 1962*

(2-1973) *Aerial Photo Year: 1972*

(3-1973) *Aerial Photo Year: 1972*

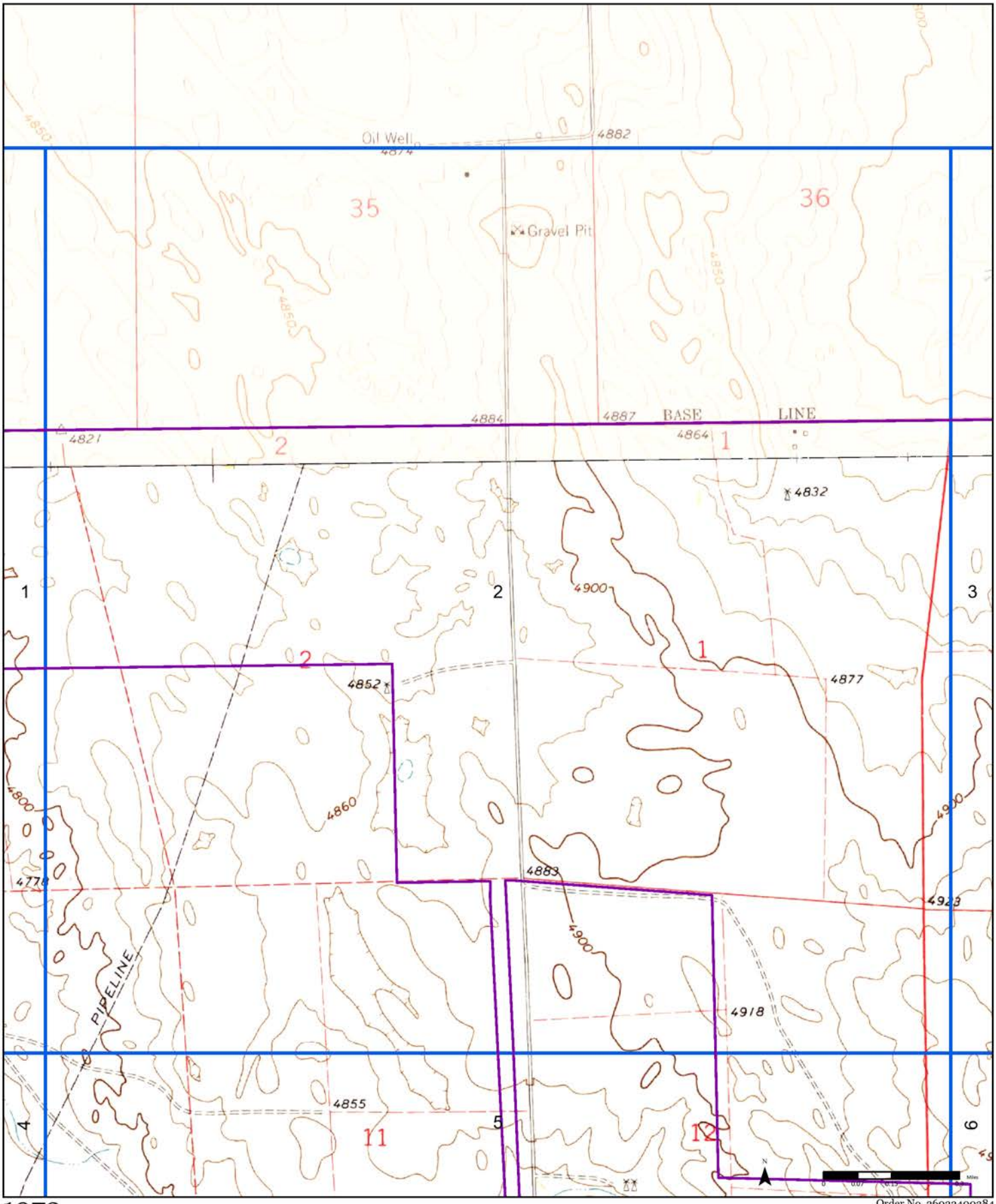
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Available Quadrangle(s): Adena, CO(1-1963)
Potty Brown Creek, CO(3-1973)
Shamrock, CO(2-1973)

Source: USGS 7.5 Minute Topographic Map

ERIS



1973

(1-1963) Aerial Photo Year: 1962

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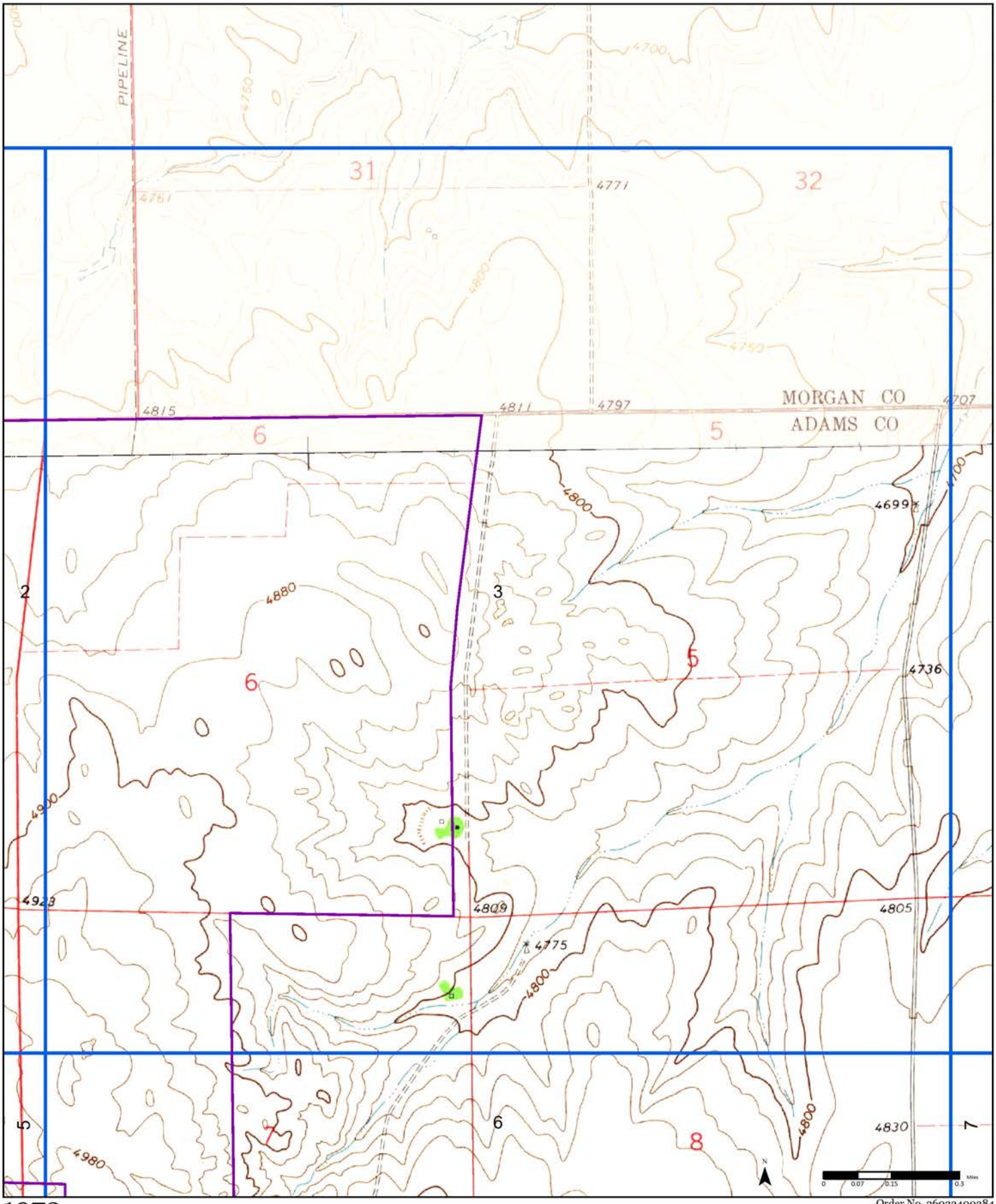
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Available Quadrangle(s): Adena, CO(1-1963)
Potty Brown Creek, CO(3-1973)
Shamrock, CO(2-1973)

Source: USGS 7.5 Minute Topographic Map

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1973

(1-1963) *Aerial Photo Year: 1962*

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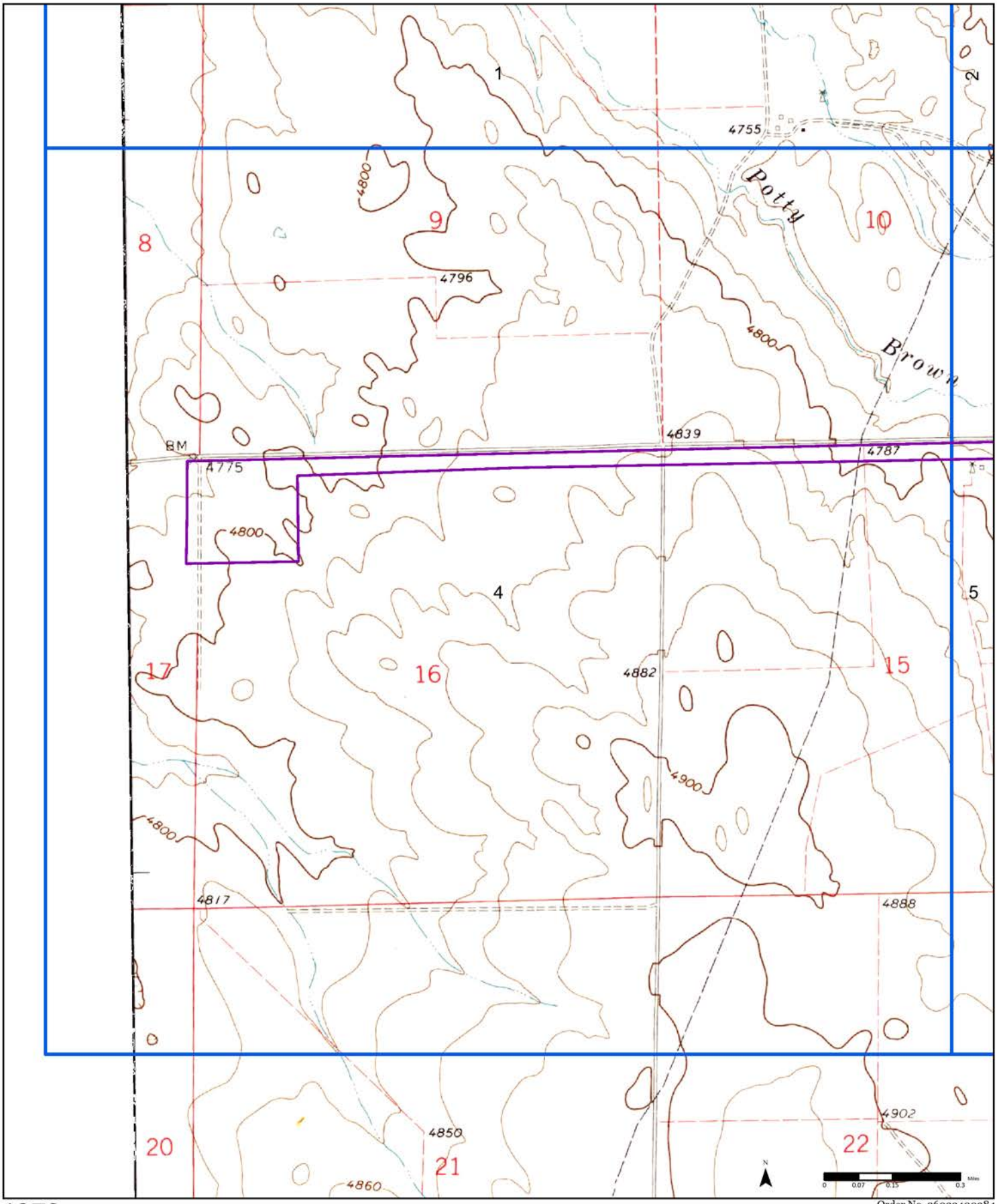
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Available Quadrangle(s): Adena, CO(1-1963)
Potty Brown Creek, CO(3-1973)
Shamrock, CO(2-1973)

Source: USGS 7.5 Minute Topographic Map

ERIS



1973

(1-1963) *Aerial Photo Year: 1962*

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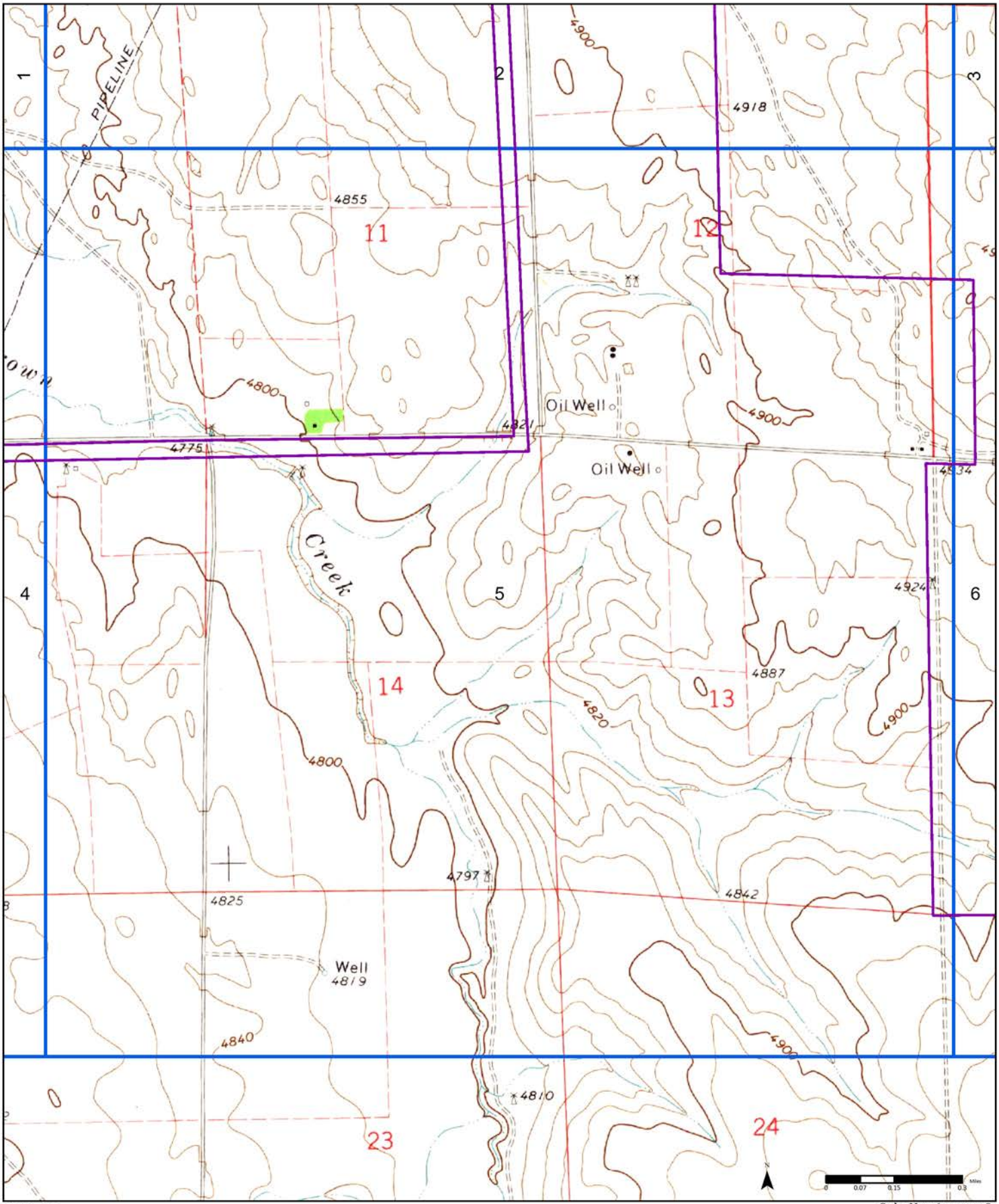
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Available Quadrangle(s): Adena, CO(1-1963)
Potty Brown Creek, CO(3-1973)
Shamrock, CO(2-1973)

Source: USGS 7.5 Minute Topographic Map

ERIS



1973

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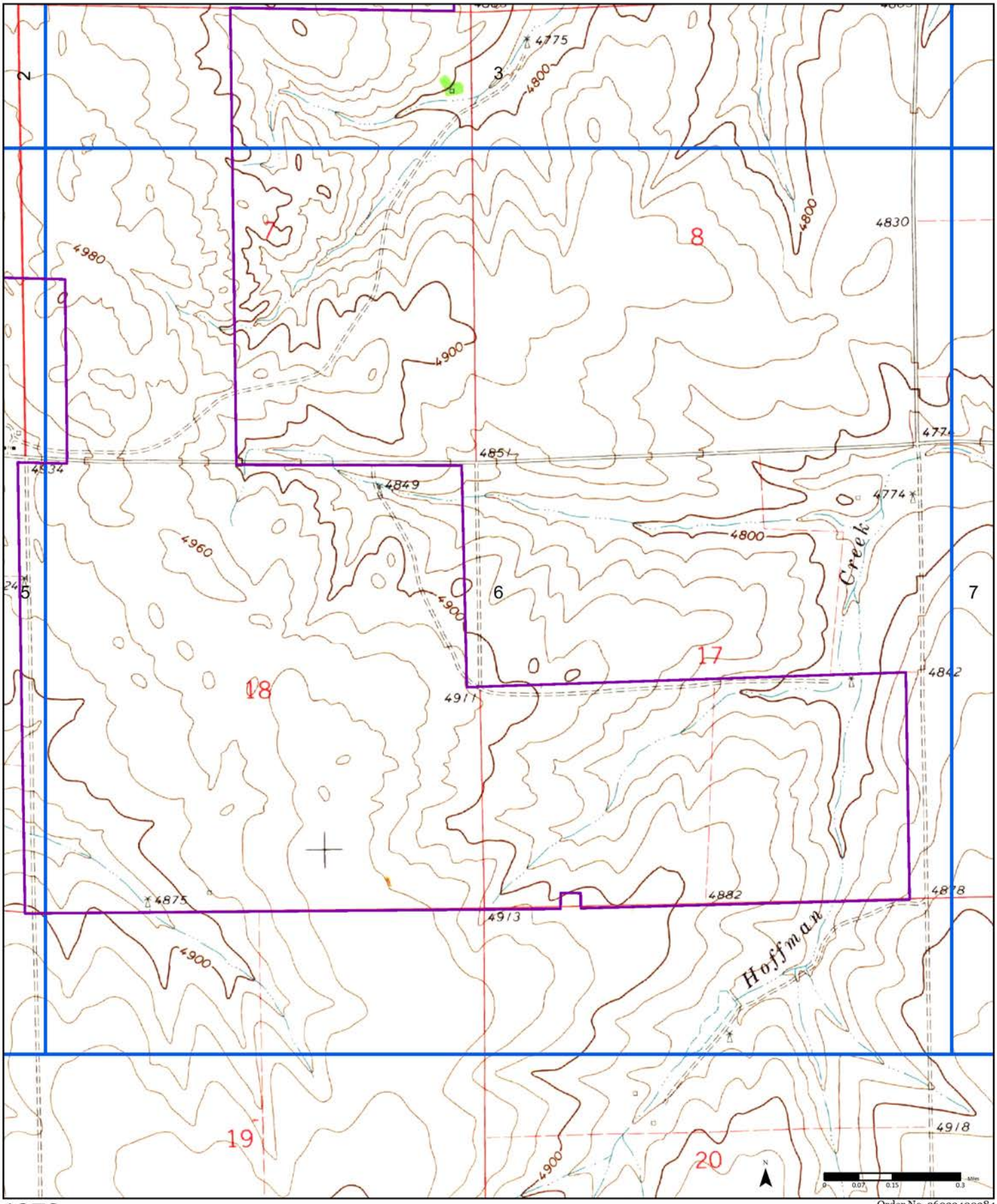
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Order No. 26022400384



Available Quadrangle(s): Adena, CO(1-1963)
Potty Brown Creek, CO(3-1973)
Shamrock, CO(2-1973)

Source: USGS 7.5 Minute Topographic Map



1973

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(3-1973) Aerial Photo Year: 1972

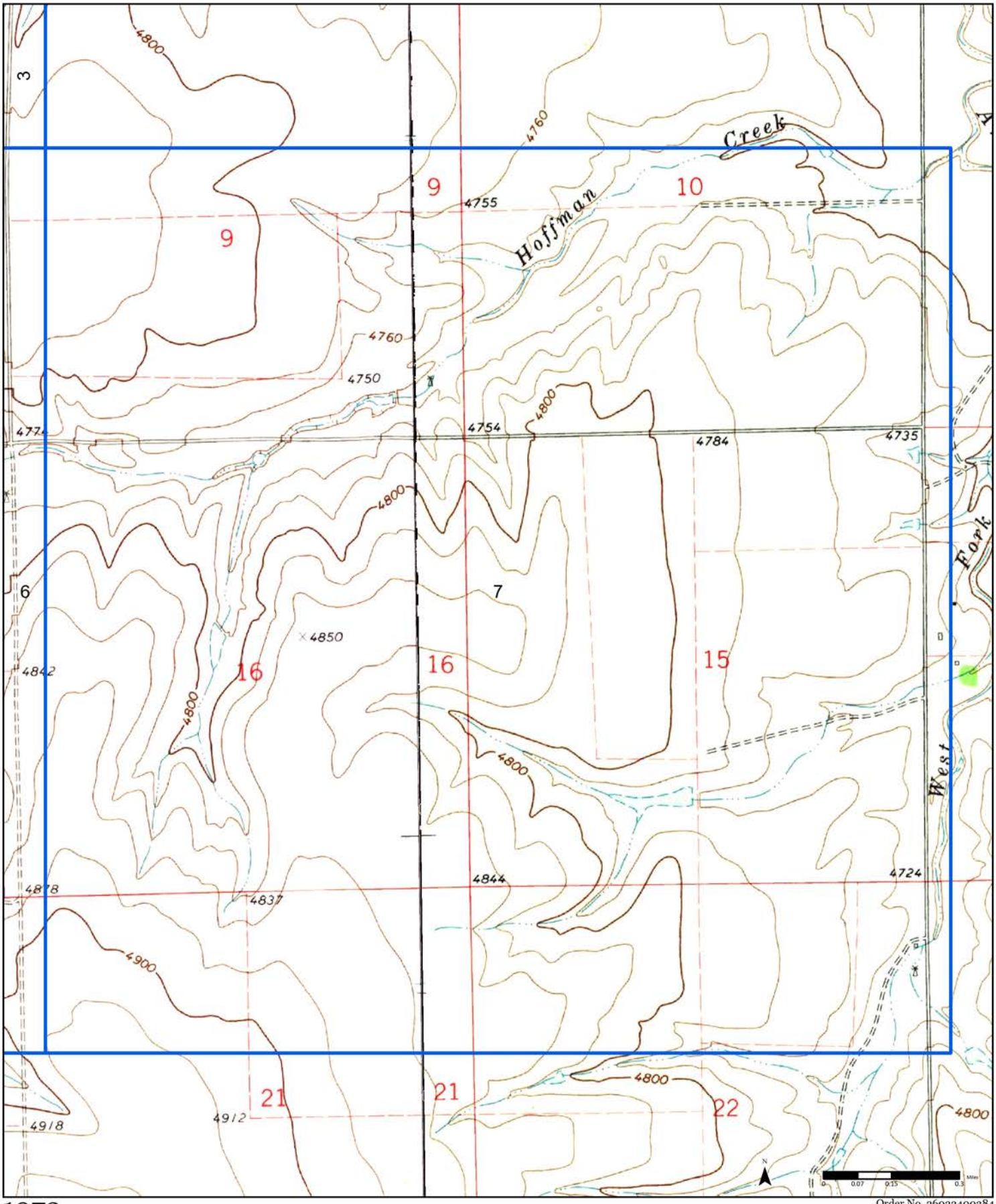
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Potty Brown Creek, CO(3-1973)
Shamrock, CO(2-1973)

Source: USGS 7.5 Minute Topographic Map

ERIS



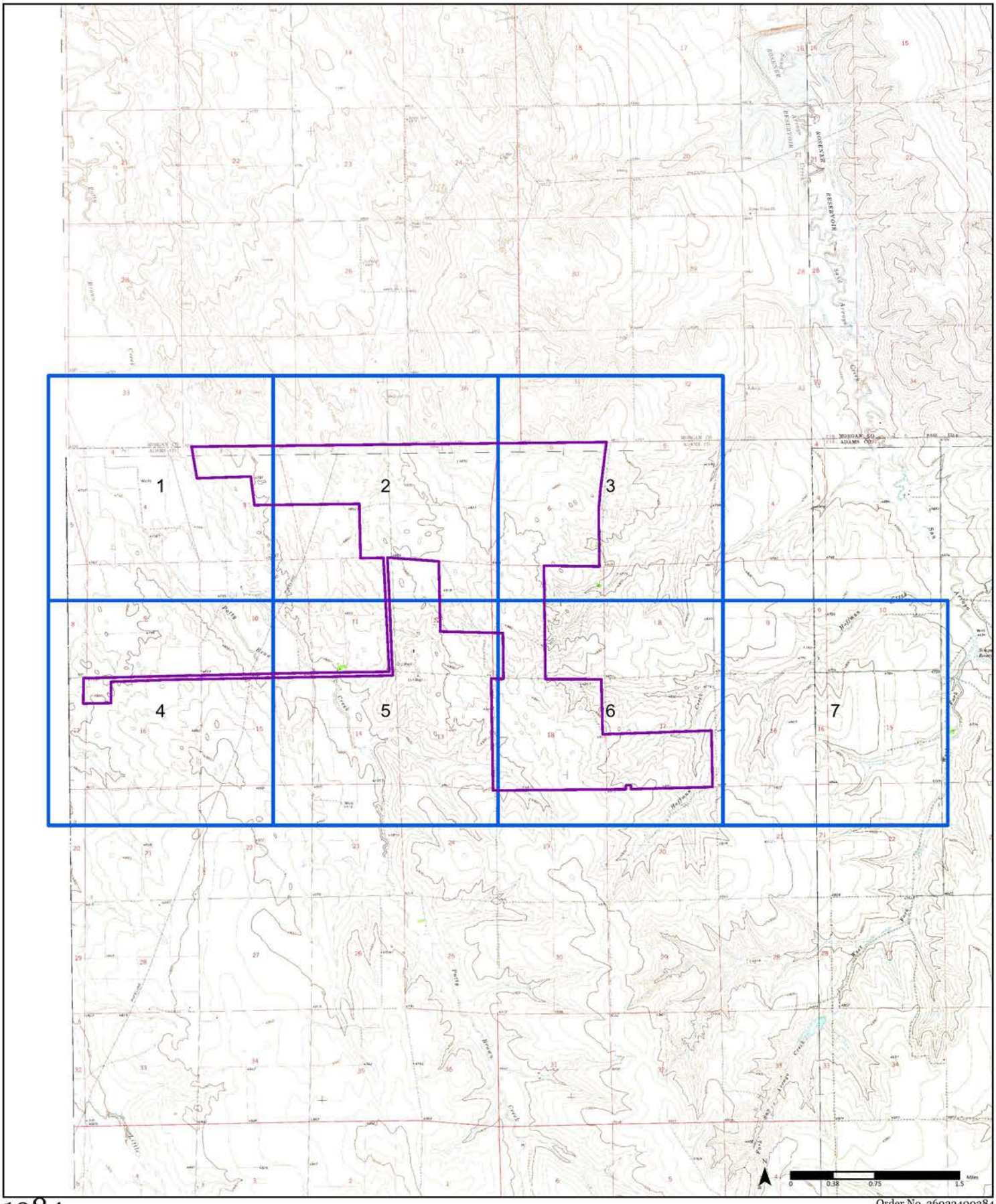
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Order No. 26022400384



Available Quadrangle(s): Adena, CO(1-1963)
Potty Brown Creek, CO(3-1973)
Shamrock, CO(2-1973)

Source: USGS 7.5 Minute Topographic Map



1984

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(2-1973) Aerial Photo Year: 1972

(3-1984) Aerial Photo Year: 1982 Photo Revision Year: 1984

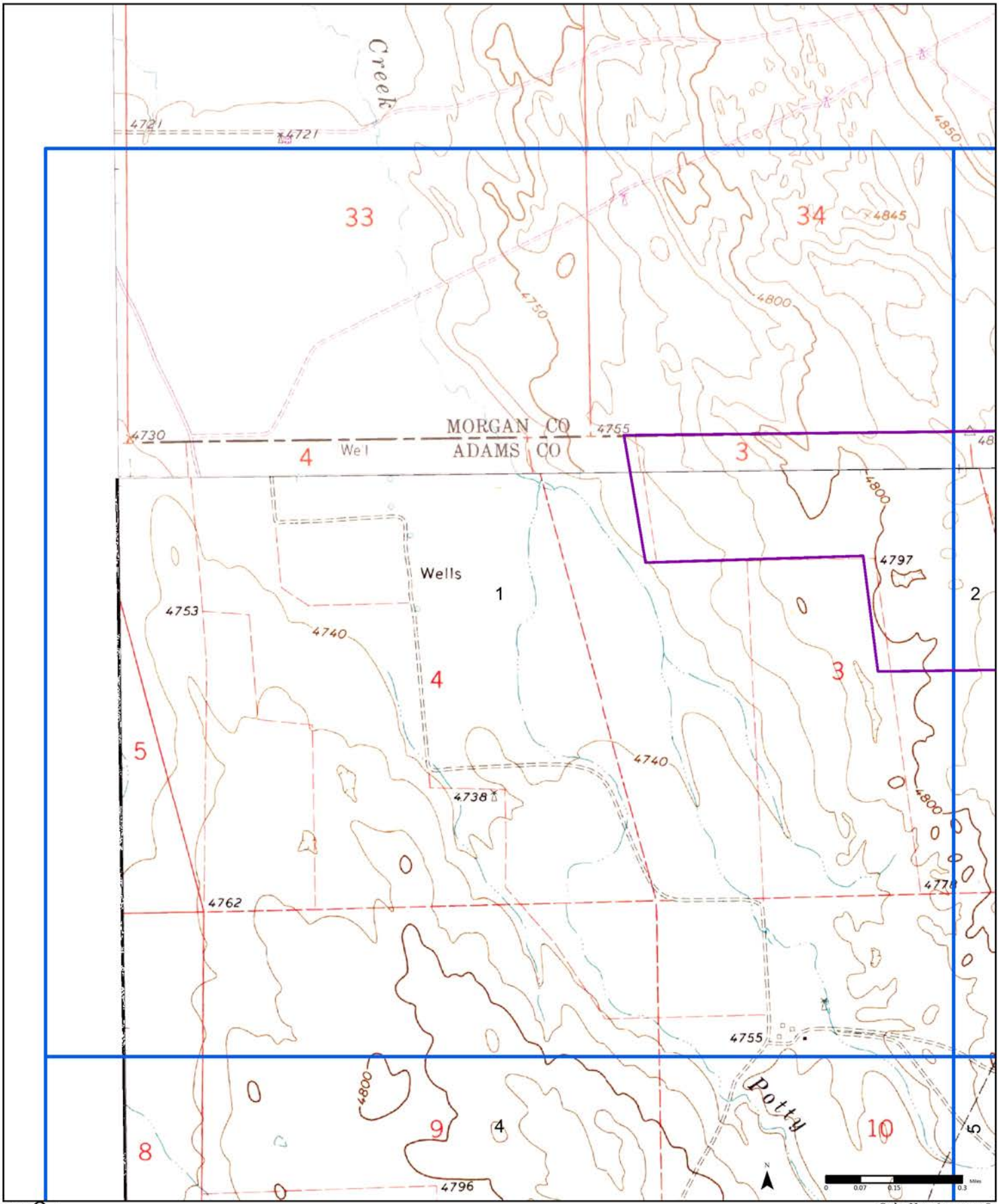
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Order No. 26022400384



Available Quadrangle(s): Potty Brown Creek, CO(2-1973)
Adena, CO(4-1984)
Shamrock, CO(1-1973)
Vallery SE, CO(3-1984)

Source: USGS 7.5 Minute Topographic Map



1984

(1-1973) Aerial Photo Year: 1972

(2-1973) Aerial Photo Year: 1972

(3-1984) Aerial Photo Year: 1982 Photo Revision Year: 1984

(4-1984) Aerial Photo Year: 1982 Photo Revision Year: 1984

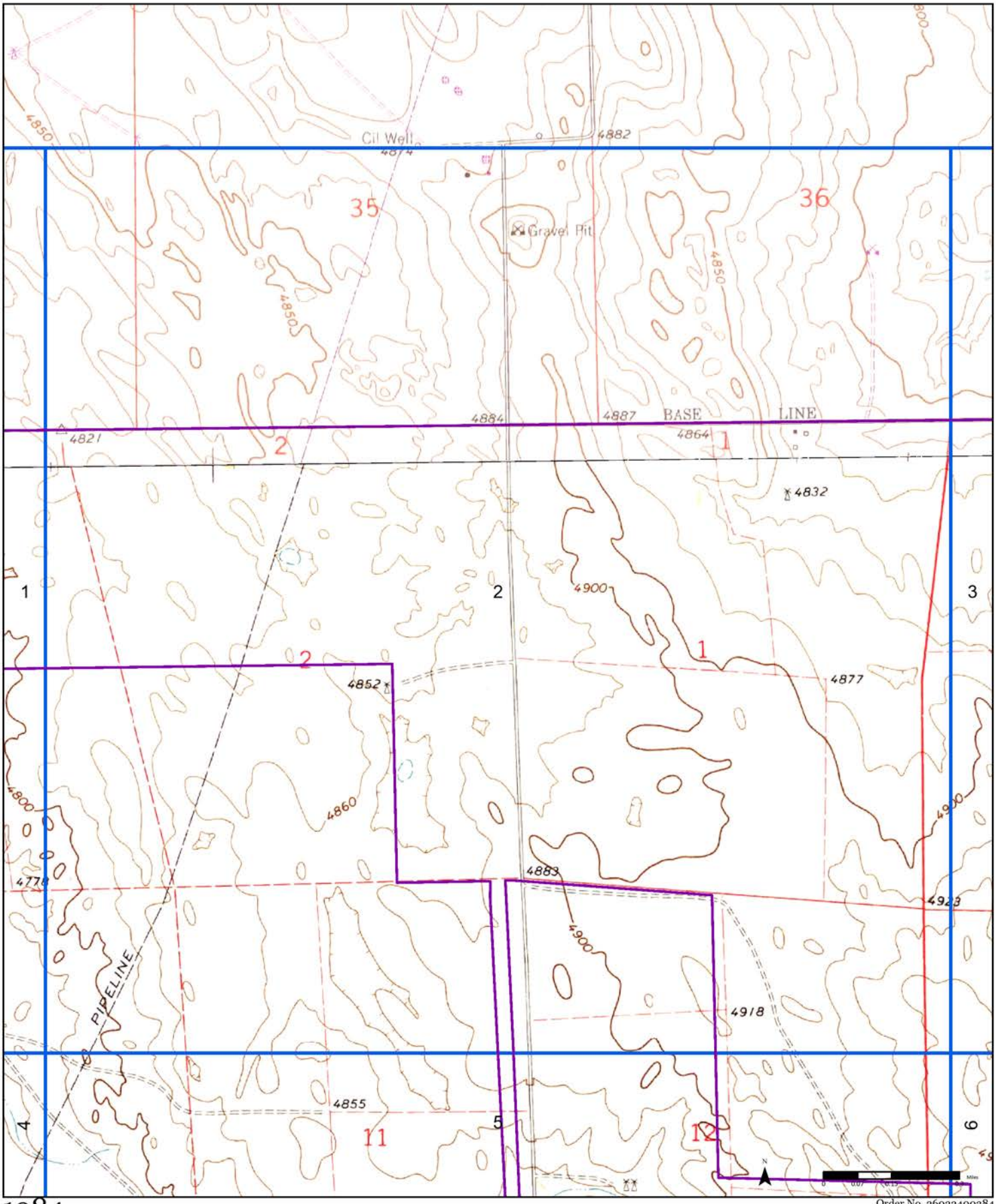
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Available Quadrangle(s): Potty Brown Creek, CO(2-1973)
Adena, CO(4-1984)
Shamrock, CO(1-1973)
Vallery SE, CO(3-1984)

Source: USGS 7.5 Minute Topographic Map

ERIS



1984

(1-1973) Aerial Photo Year: 1972

(2-1973) Aerial Photo Year: 1972

(3-1984) Aerial Photo Year: 1982 Photo Revision Year: 1984

(4-1984) Aerial Photo Year: 1982 Photo Revision Year: 1984

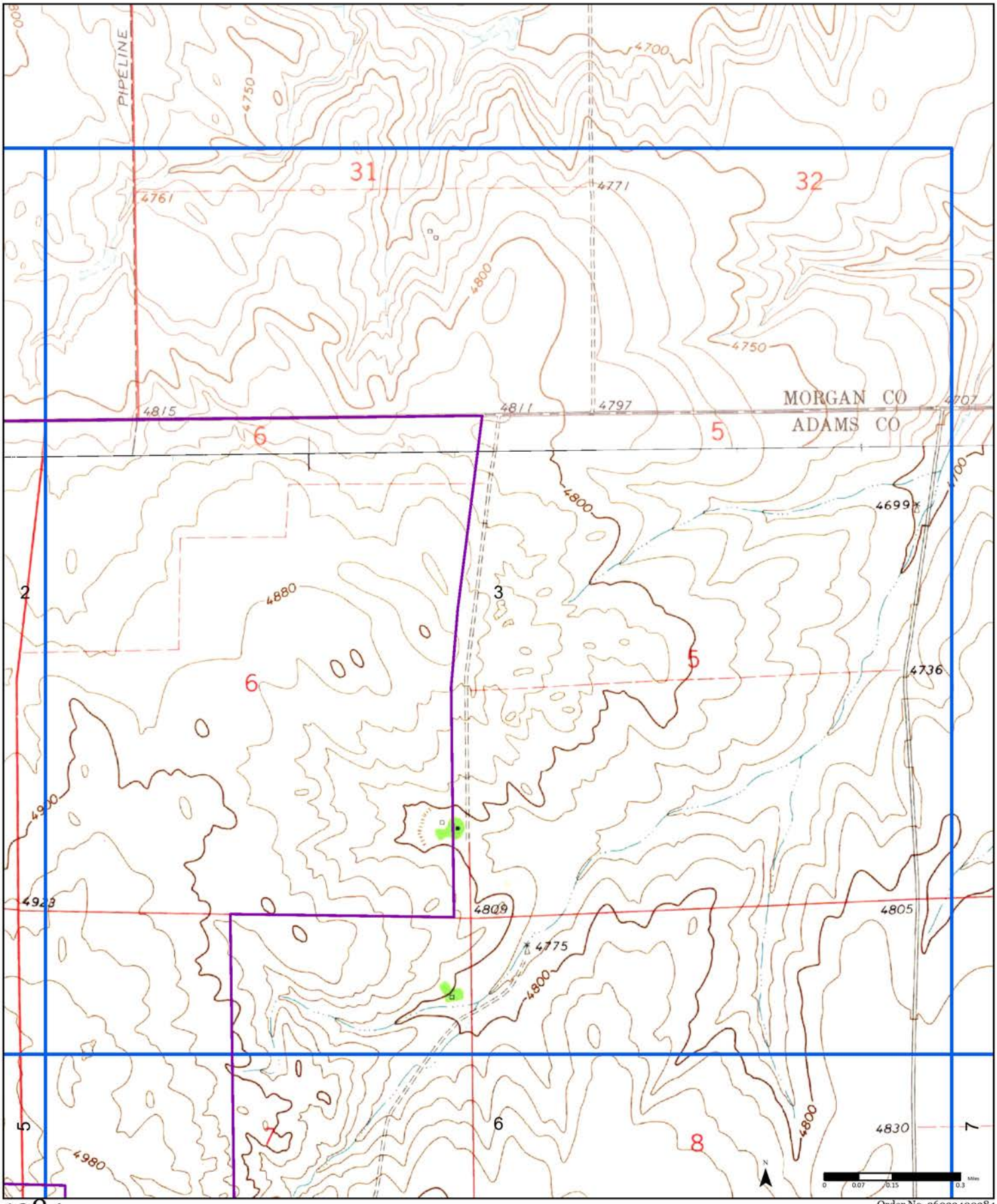
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Available Quadrangle(s): Potty Brown Creek, CO(2-1973)
Adena, CO(4-1984)
Shamrock, CO(1-1973)
Vallery SE, CO(3-1984)

Source: USGS 7.5 Minute Topographic Map

ERIS



1984

(1-1973) Aerial Photo Year: 1972

(2-1973) Aerial Photo Year: 1972

(3-1984) Aerial Photo Year: 1982 Photo Revision Year: 1984

(4-1984) Aerial Photo Year: 1982 Photo Revision Year: 1984

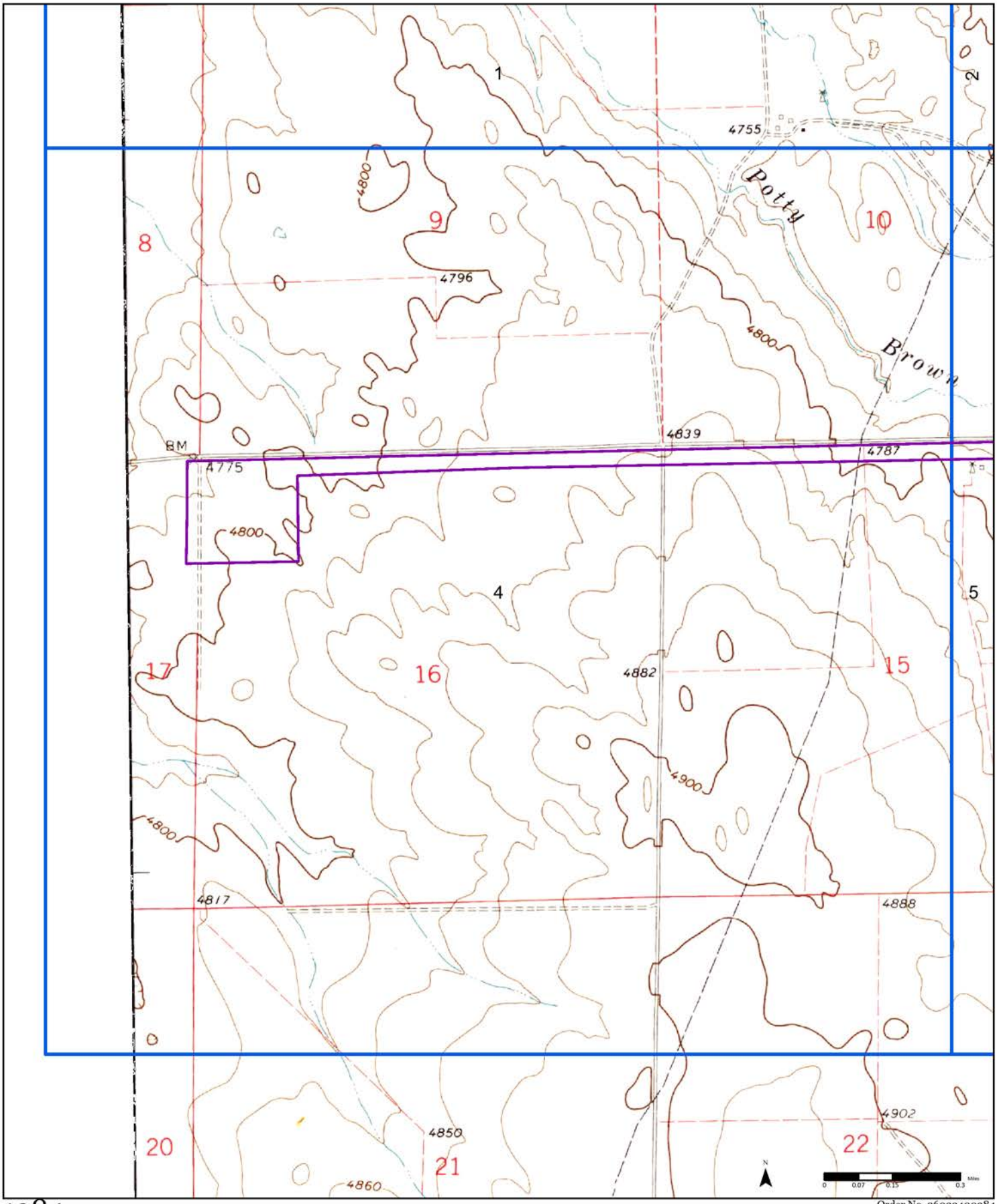
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Available Quadrangle(s): Potty Brown Creek, CO(2-1973)
Adena, CO(4-1984)
Shamrock, CO(1-1973)
Vallery SE, CO(3-1984)

Source: USGS 7.5 Minute Topographic Map

ERIS



1984

(1-1973) Aerial Photo Year: 1972

(2-1973) Aerial Photo Year: 1972

(3-1984) Aerial Photo Year: 1982
Photo Revision Year: 1984

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Photo Revision Year: 1984

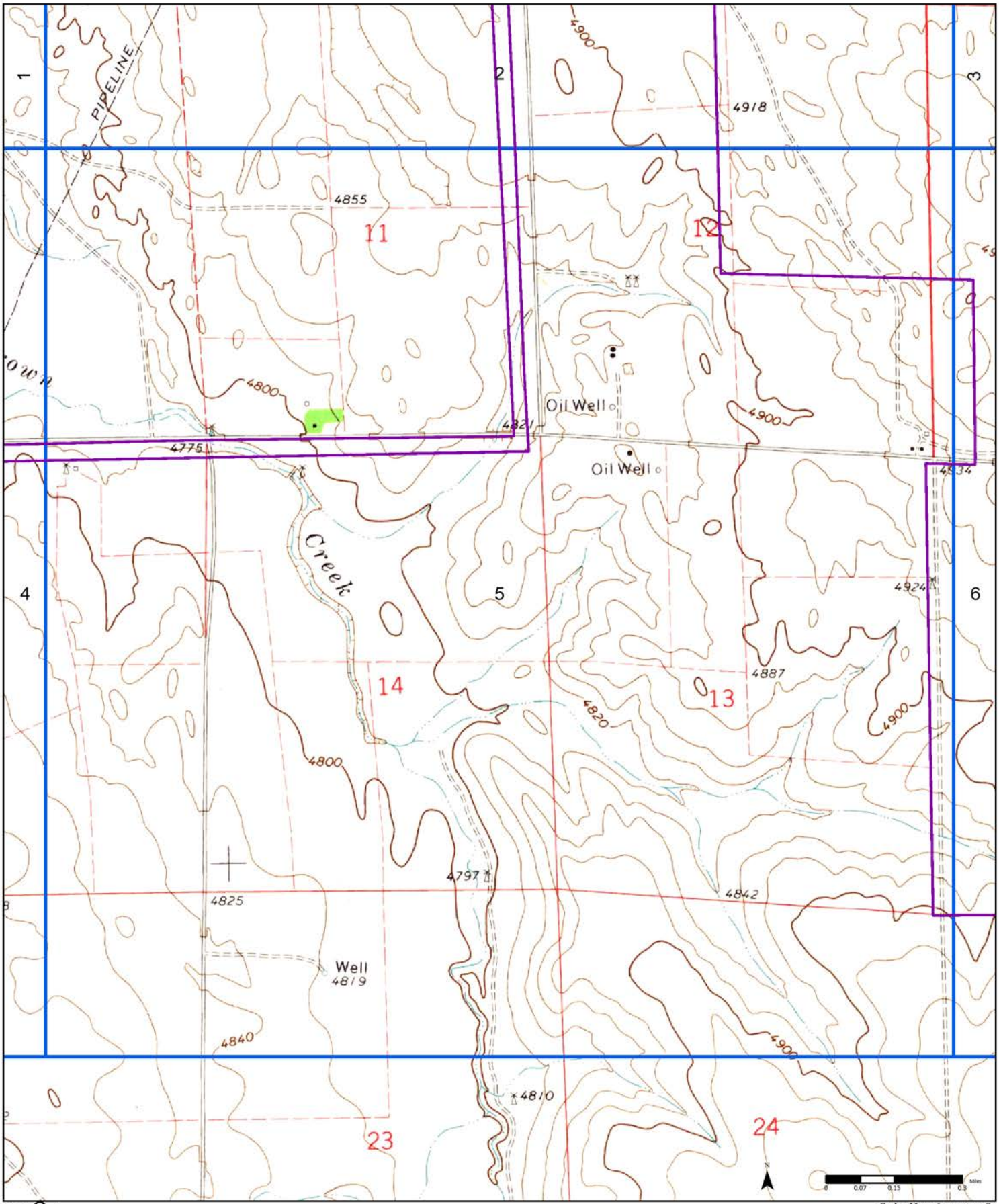
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Available Quadrangle(s): Potty Brown Creek, CO(2-1973)
Adena, CO(4-1984)
Shamrock, CO(1-1973)
Vallery SE, CO(3-1984)

Source: USGS 7.5 Minute Topographic Map

ERIS



1984

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(3-1984) Aerial Photo Year: 1982 Photo Revision Year: 1984

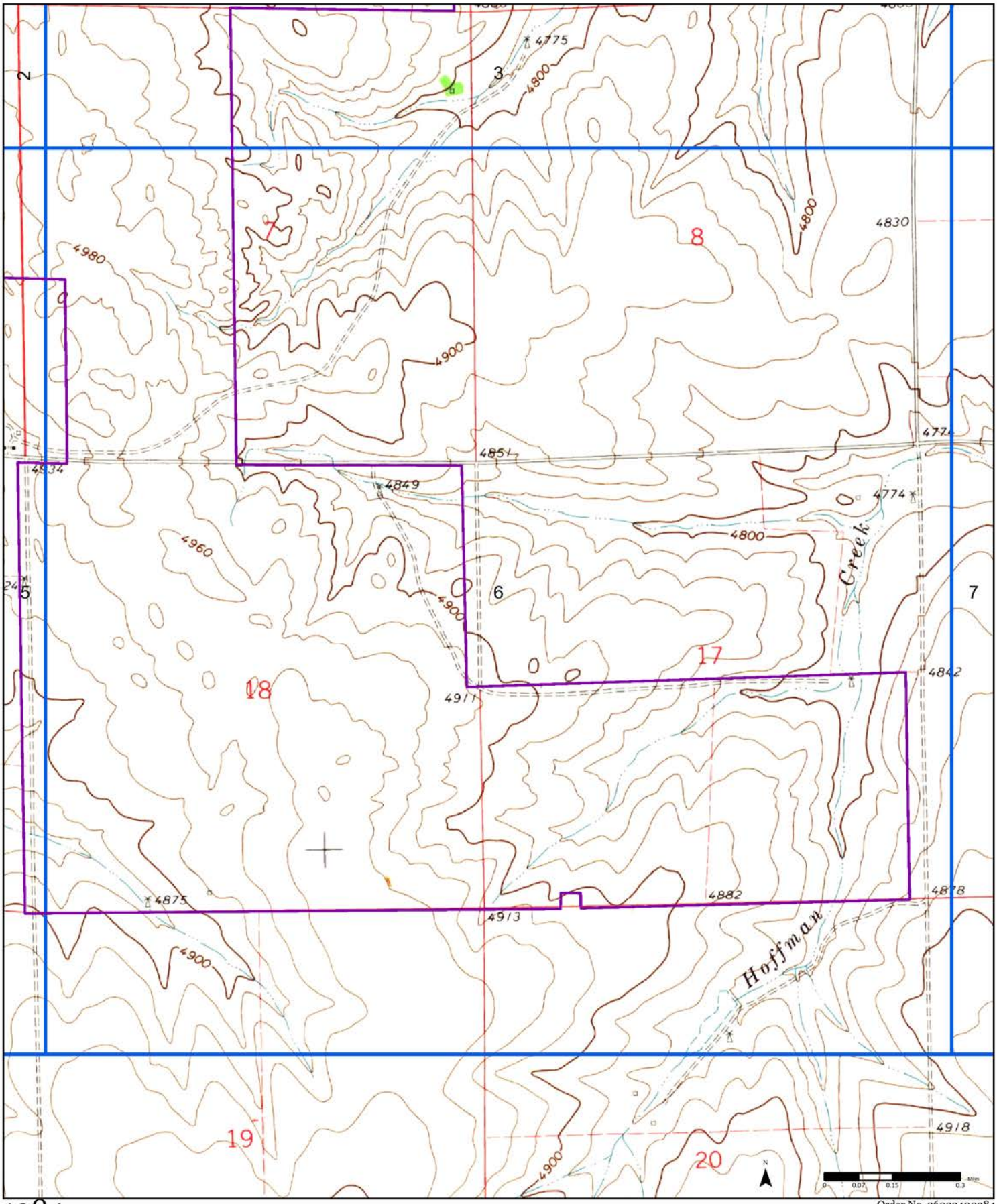
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Order No. 26022400384



Available Quadrangle(s): Potty Brown Creek, CO(2-1973)
Adena, CO(4-1984)
Shamrock, CO(1-1973)
Vallery SE, CO(3-1984)

Source: USGS 7.5 Minute Topographic Map



1984

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(2-1973) Aerial Photo Year: 1972

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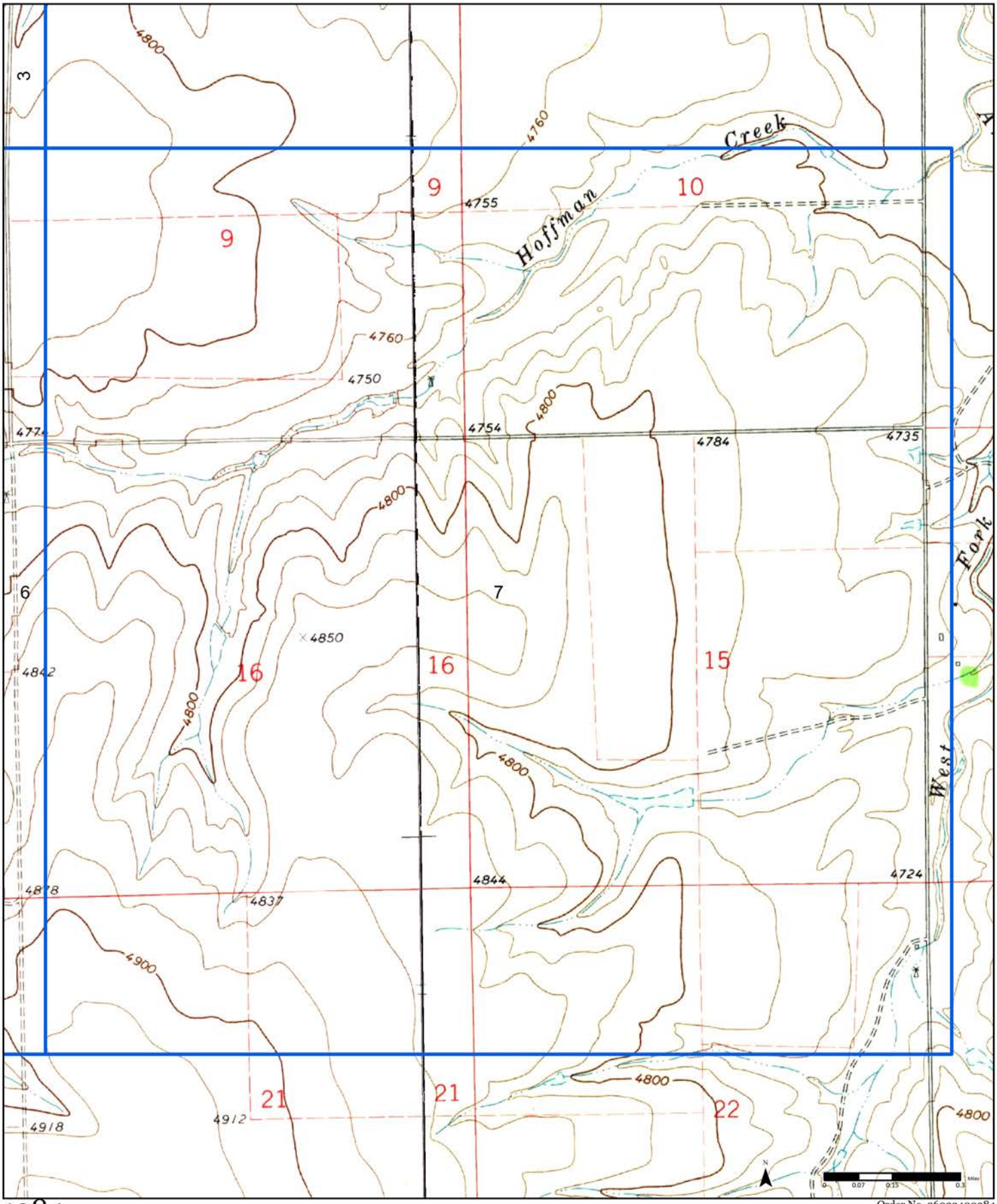
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Order No. 26022400384



Available Quadrangle(s): Potty Brown Creek, CO(2-1973)
Adena, CO(4-1984)
Shamrock, CO(1-1973)
Vallery SE, CO(3-1984)

Source: USGS 7.5 Minute Topographic Map



1984

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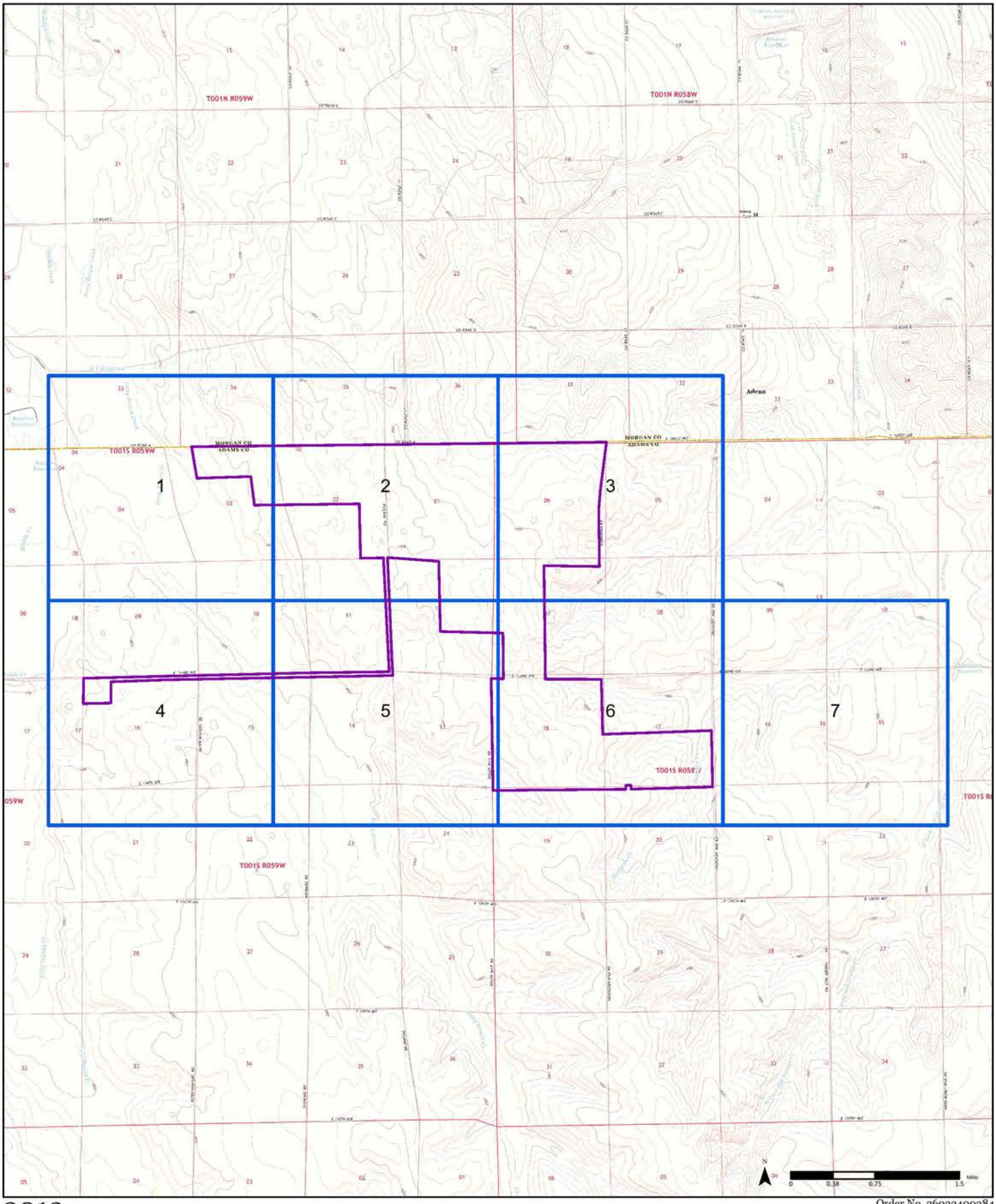
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Order No. 26022400384



Available Quadrangle(s): Potty Brown Creek, CO(2-1973)
Adena, CO(4-1984)
Shamrock, CO(1-1973)
Vallery SE, CO(3-1984)

Source: USGS 7.5 Minute Topographic Map



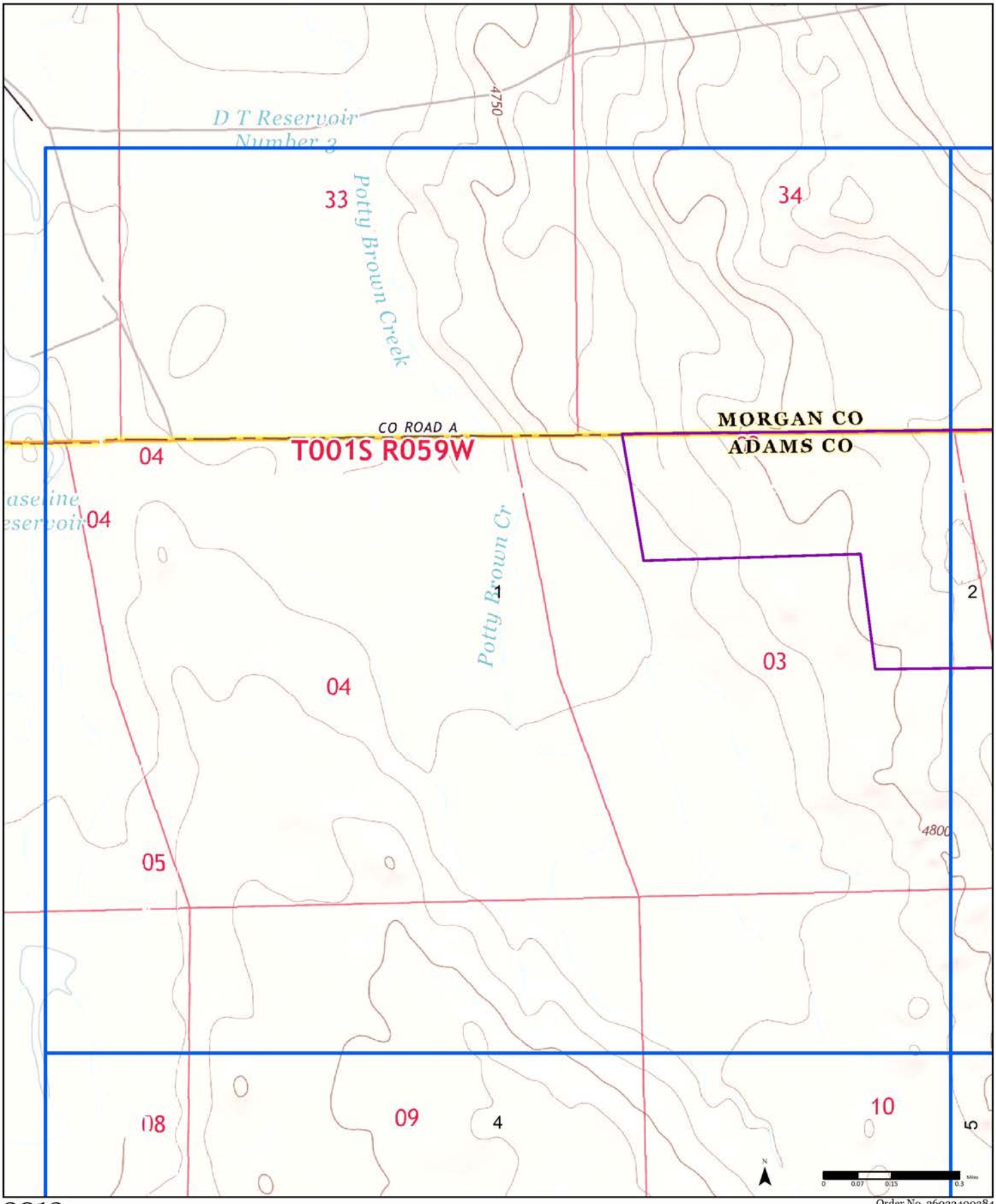
2013

Order No. 26022400384



Available Quadrangle(s): Potty Brown Creek, CO
Adena, CO
Vallery SE, CO
Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map



2013

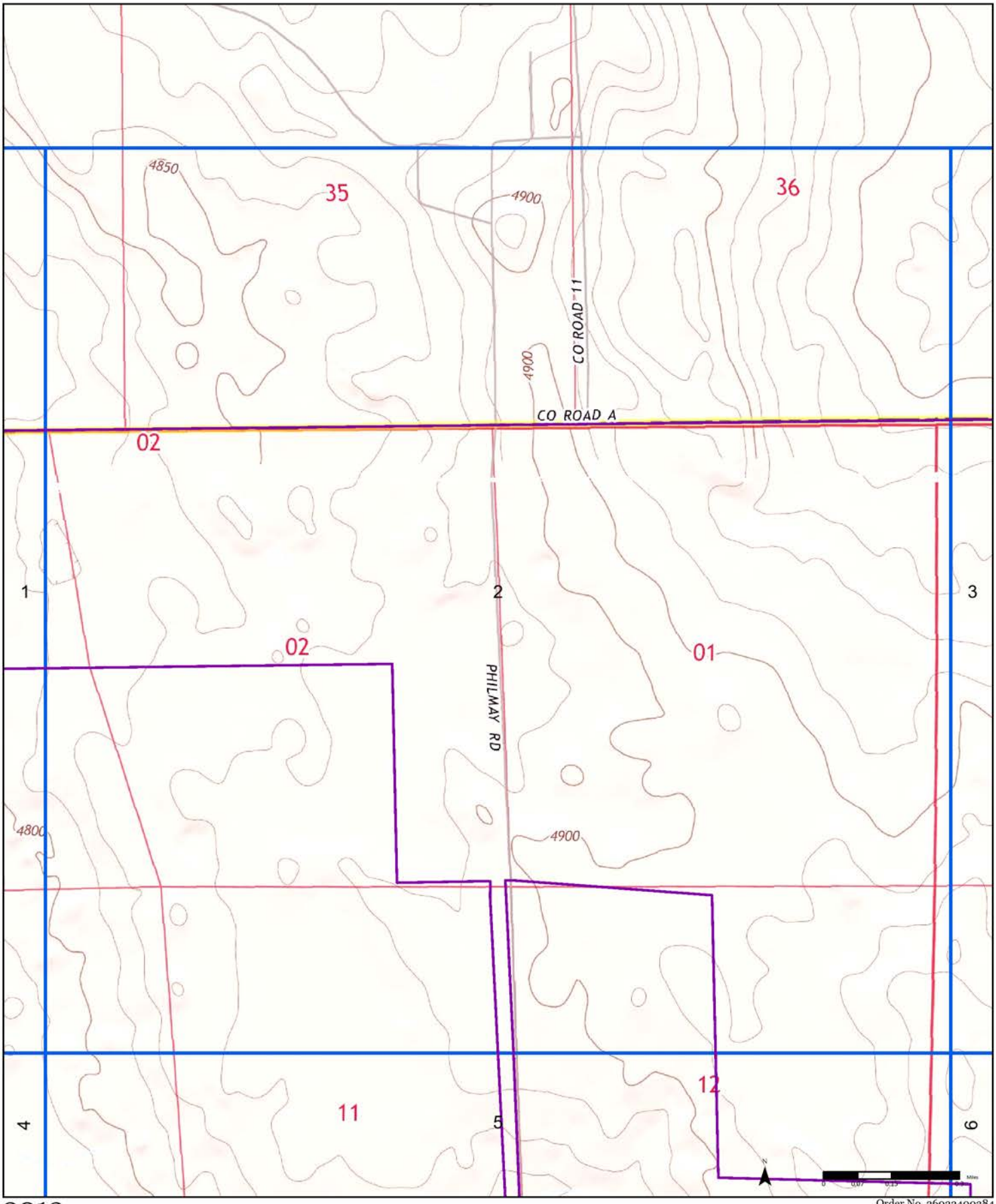
Order No. 26022400384



Available Quadrangle(s): Potty Brown Creek, CO
Adena, CO
Vallery SE, CO
Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map

ERIS



2013

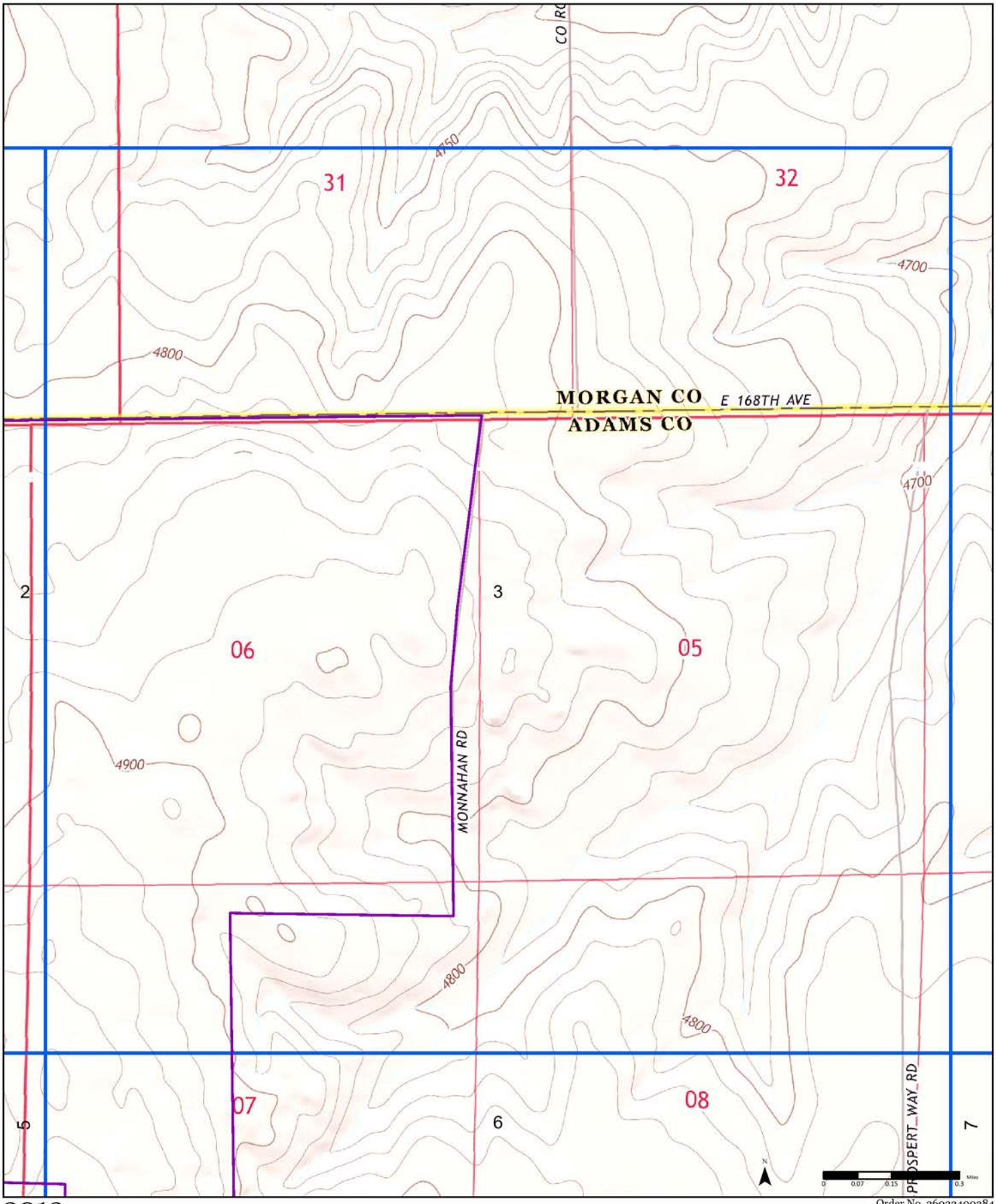
Order No. 26022400384



Available Quadrangle(s): Potty Brown Creek, CO
Adena, CO
Vallery SE, CO
Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map

ERIS



2013

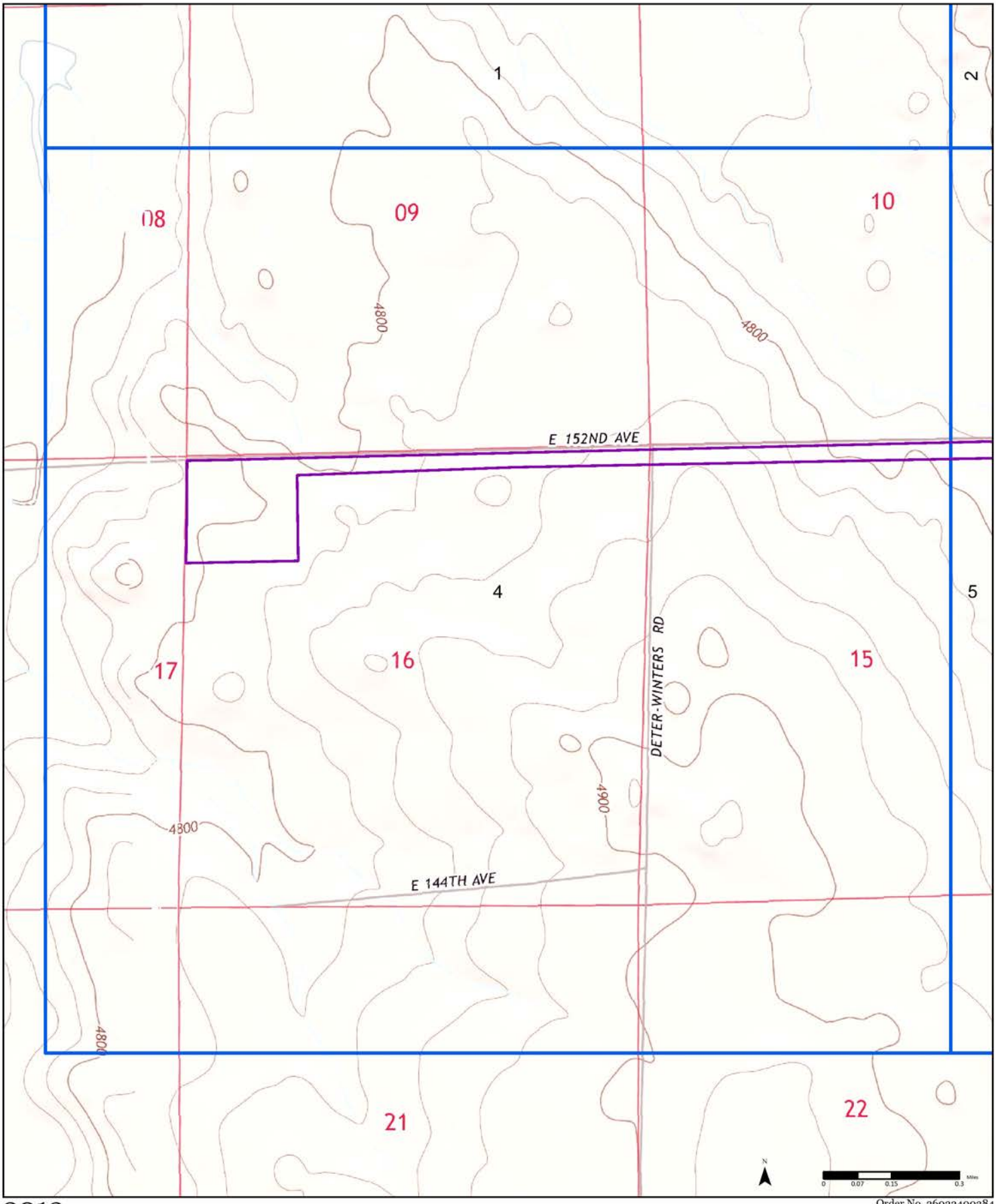
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Available Quadrangle(s): Potty Brown Creek, CO
Adena, CO
Vallery SE, CO
Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map

ERIS



2013

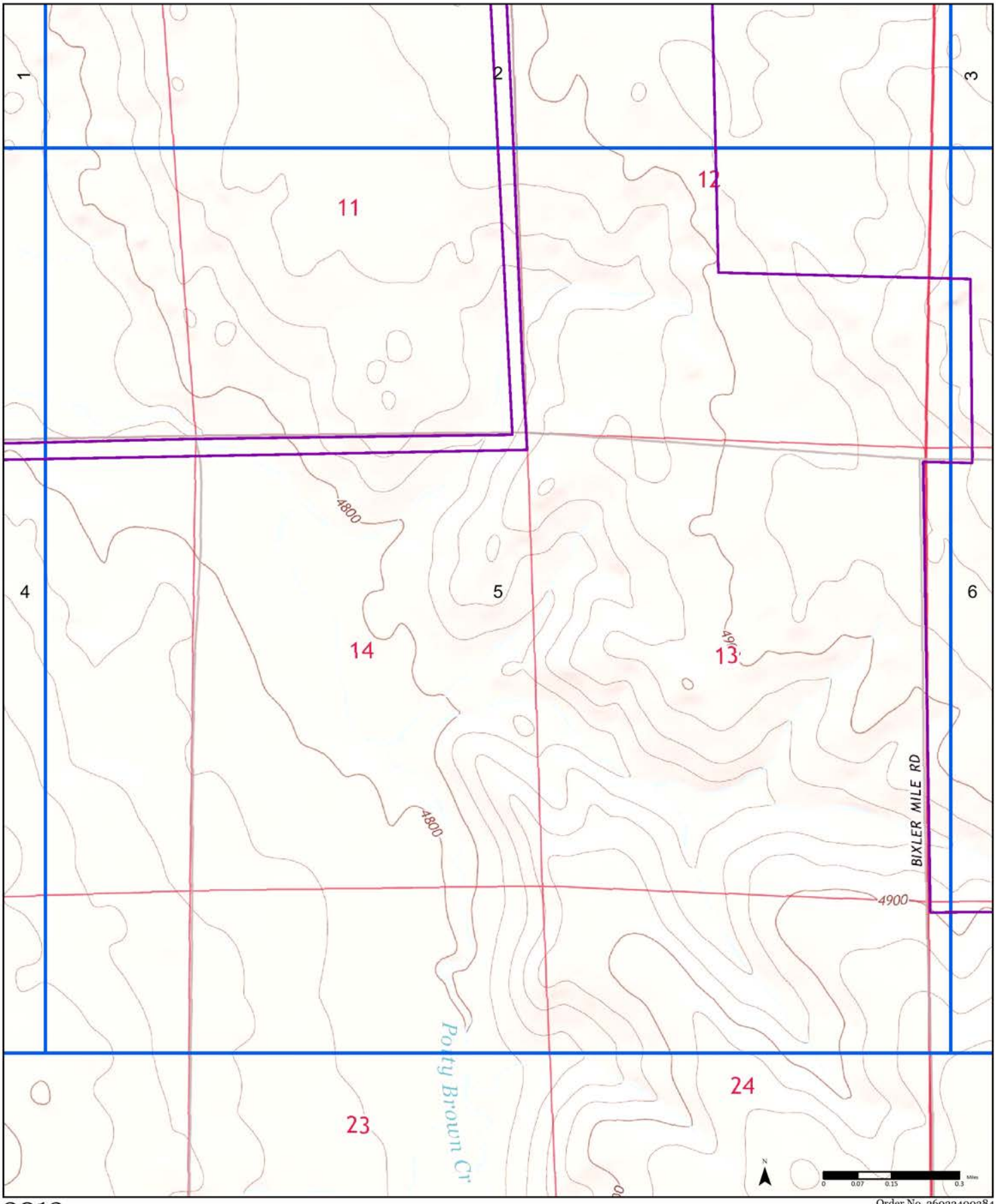
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Available Quadrangle(s): Potty Brown Creek, CO
Adena, CO
Vallery SE, CO
Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map

ERIS



2013

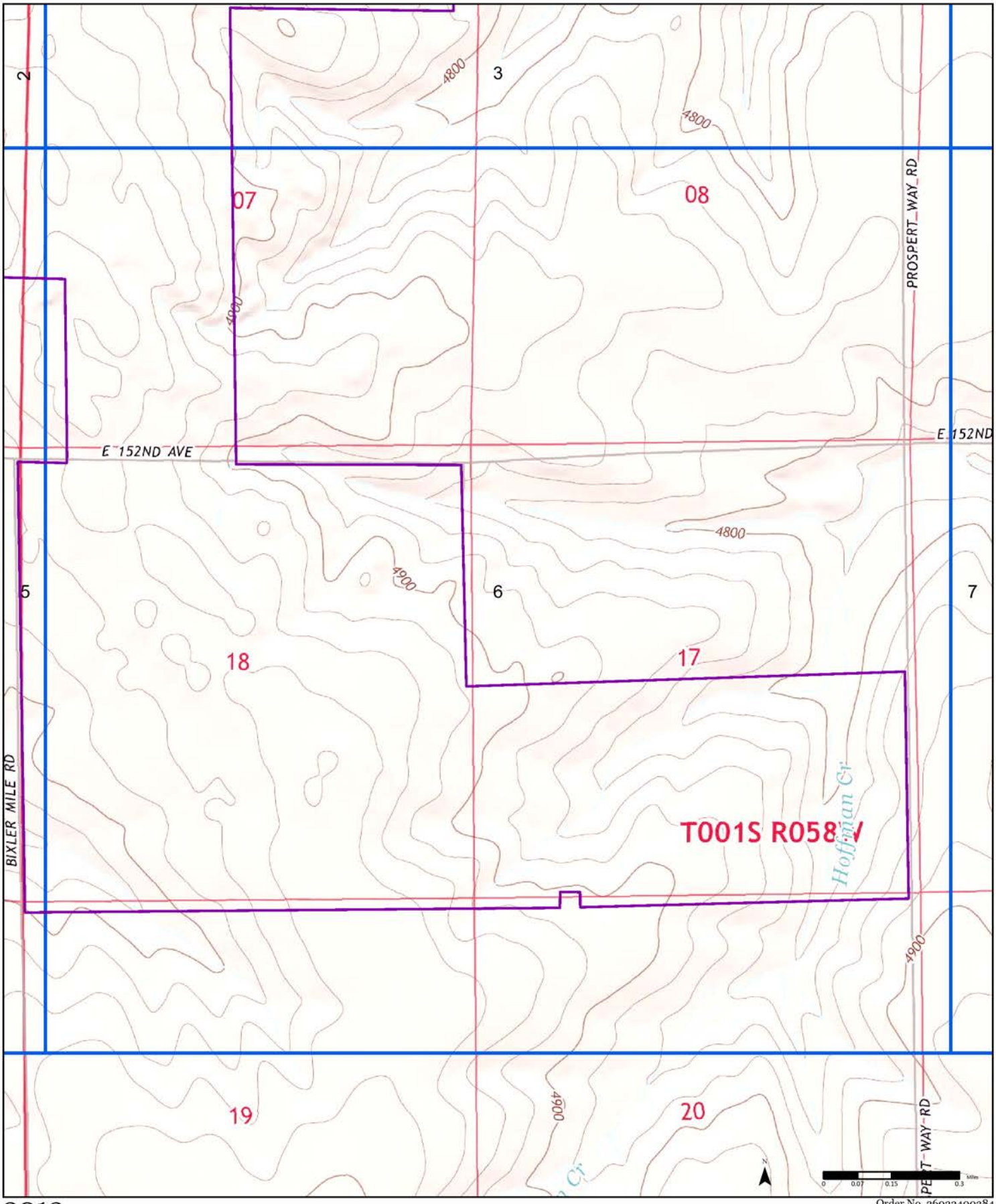
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Available Quadrangle(s): Potty Brown Creek, CO
Adena, CO
Vallery SE, CO
Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map

ERIS



2013

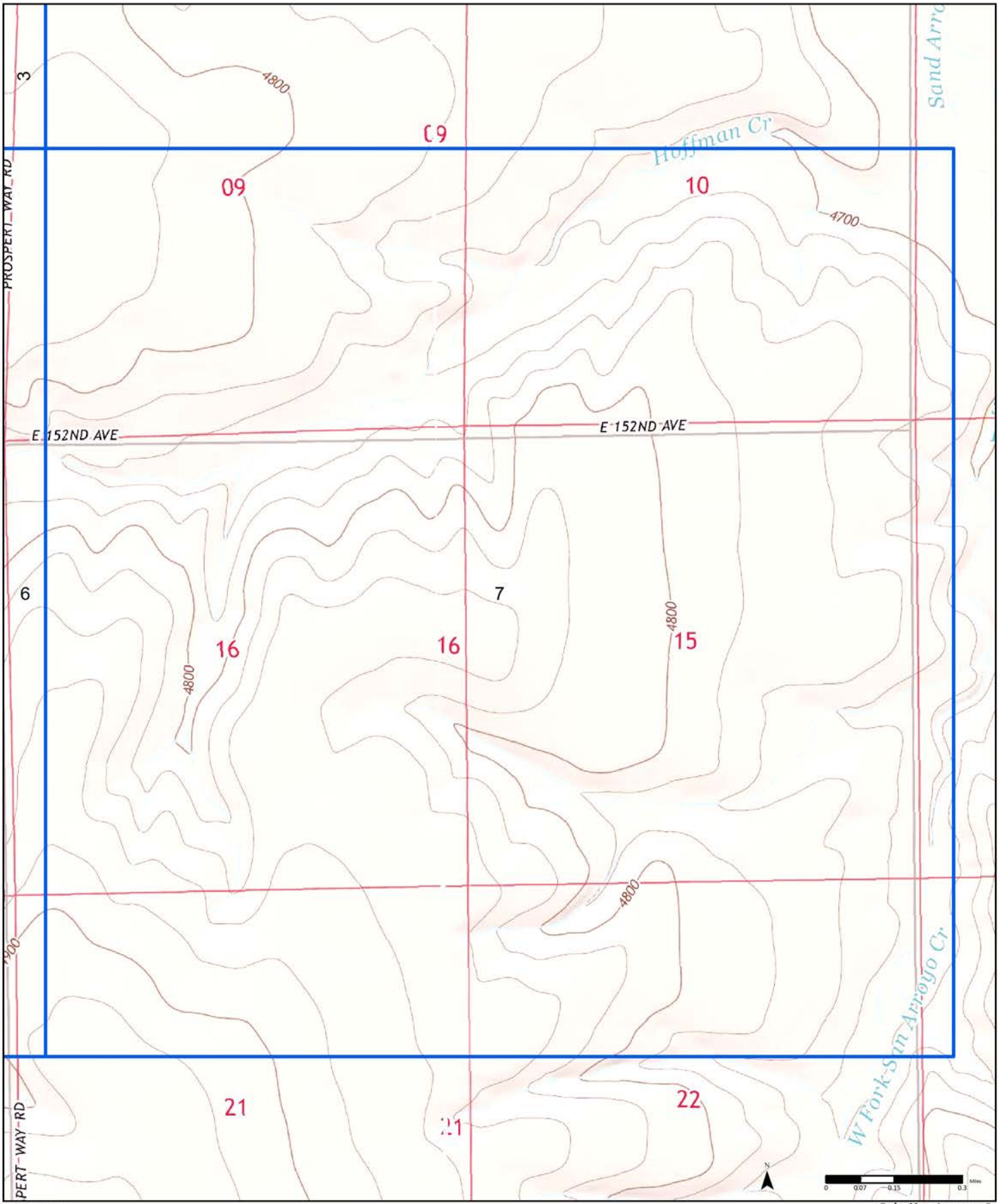
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Available Quadrangle(s): Potty Brown Creek, CO
Adena, CO
Vallery SE, CO
Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map

ERIS



2013

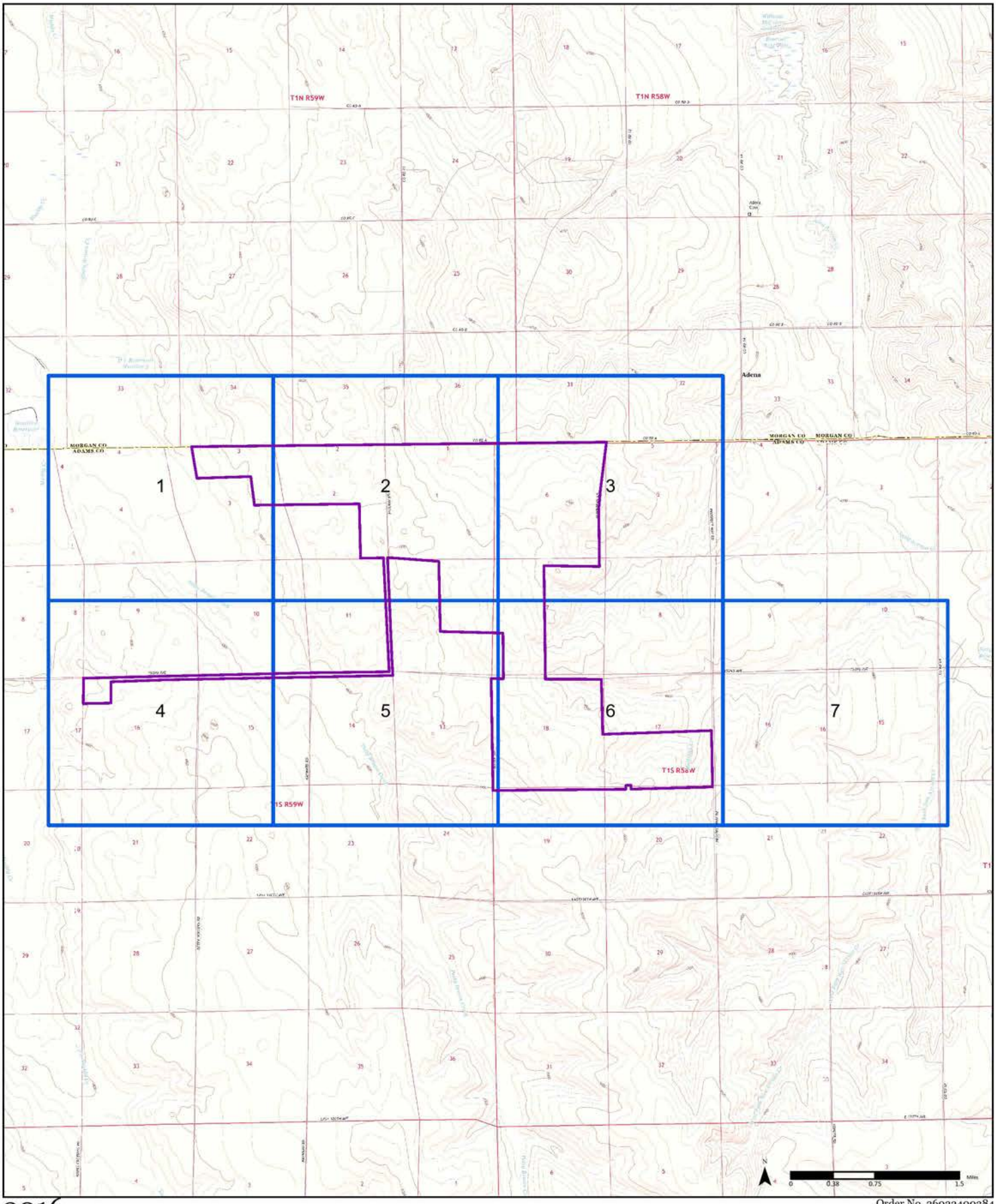
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Available Quadrangle(s): Potty Brown Creek, CO
Adena, CO
Vallery SE, CO
Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map

ERIS



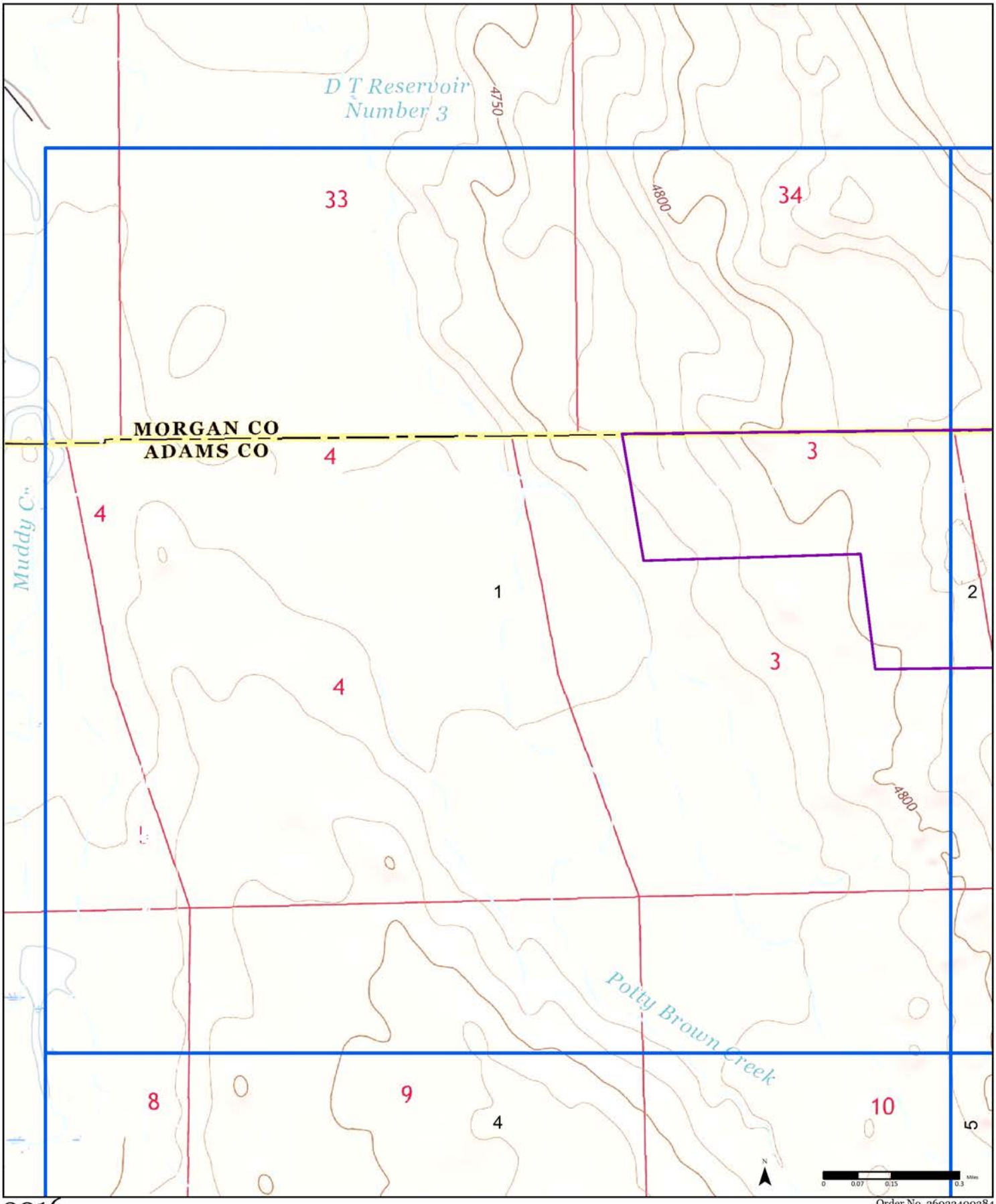
2016

Order No. 26022400384



Available Quadrangle(s): Potty Brown Creek, CO
Adena, CO
Vallery SE, CO
Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map



2016

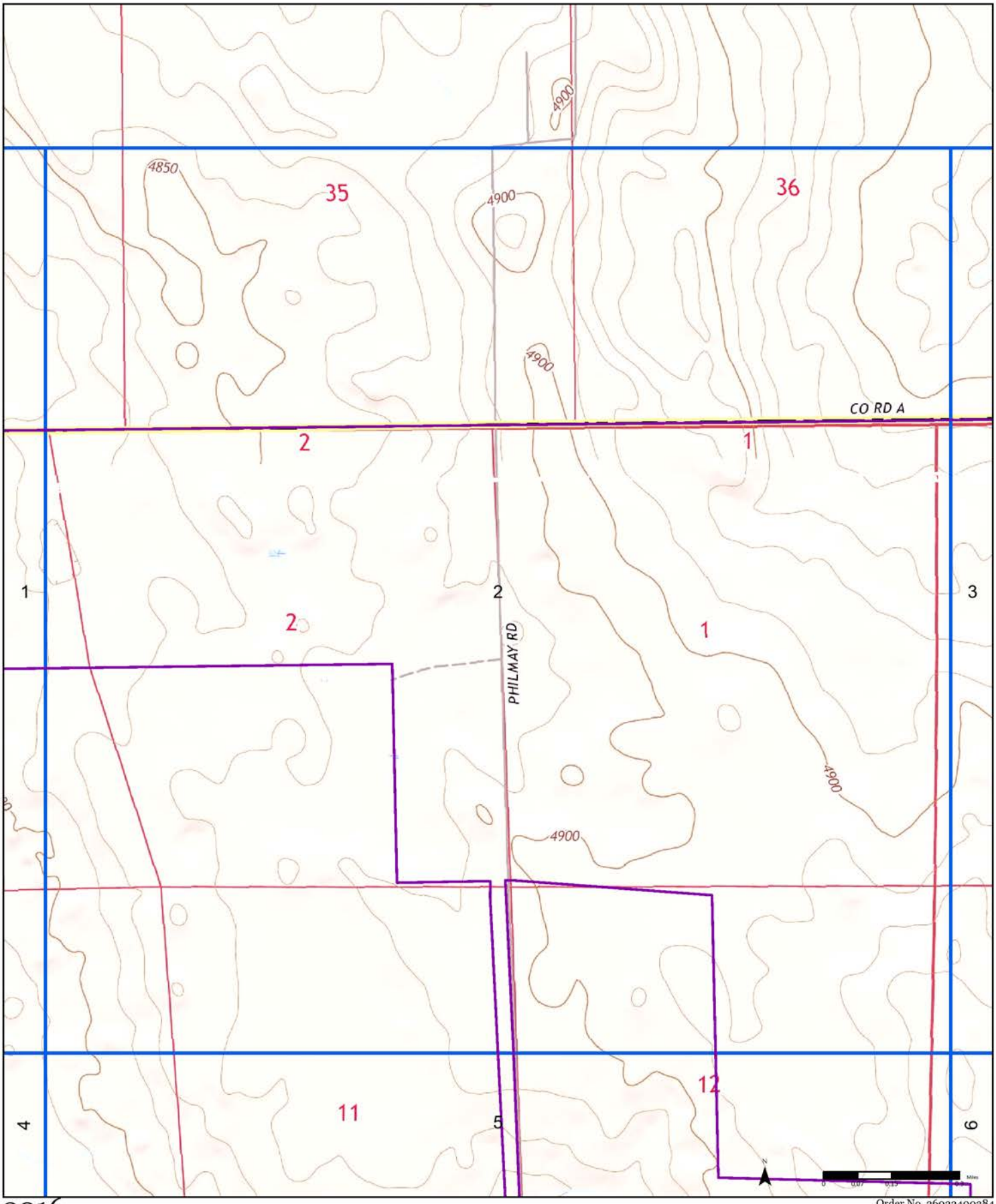
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ERIS



2016

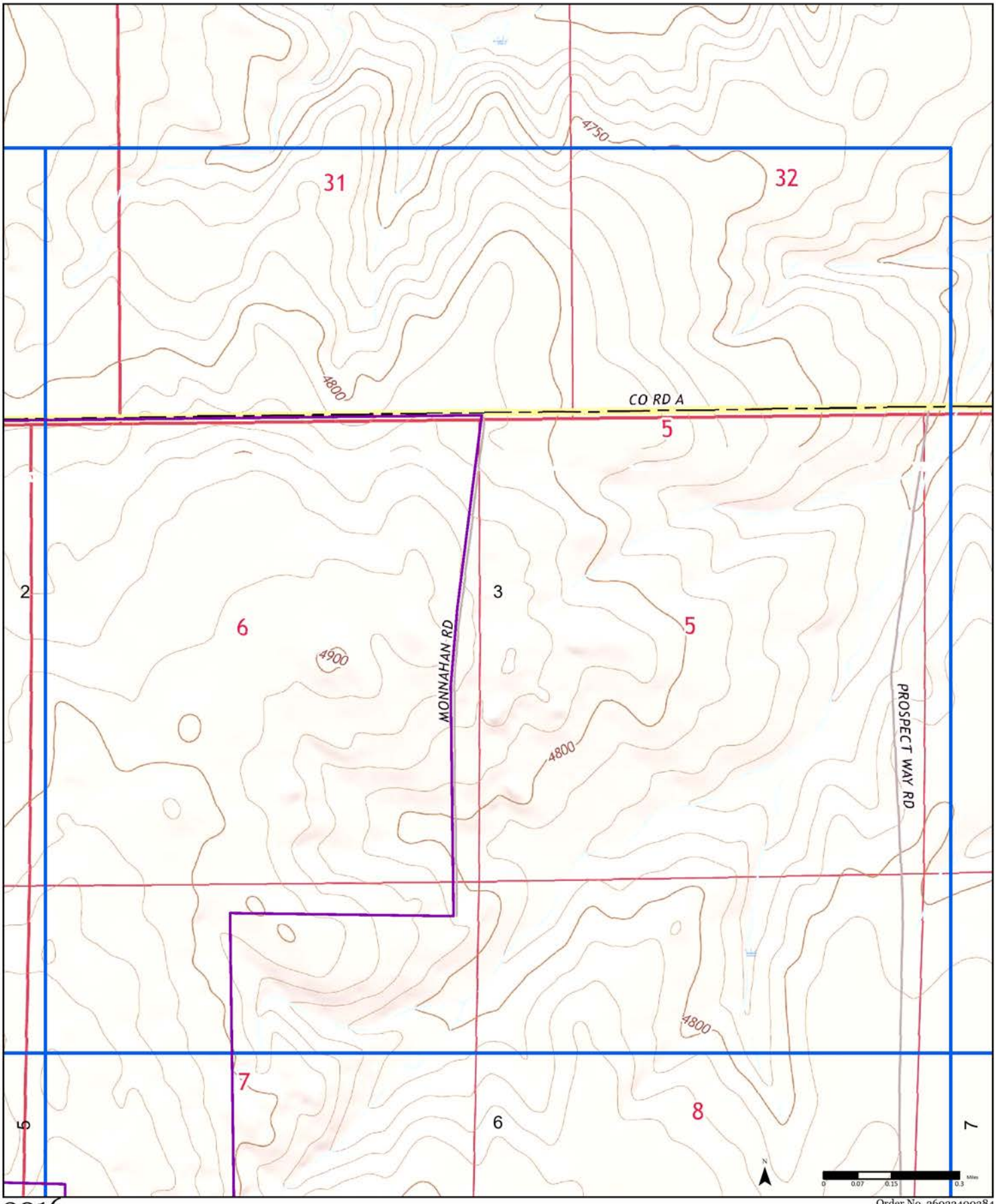
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ERIS



2016

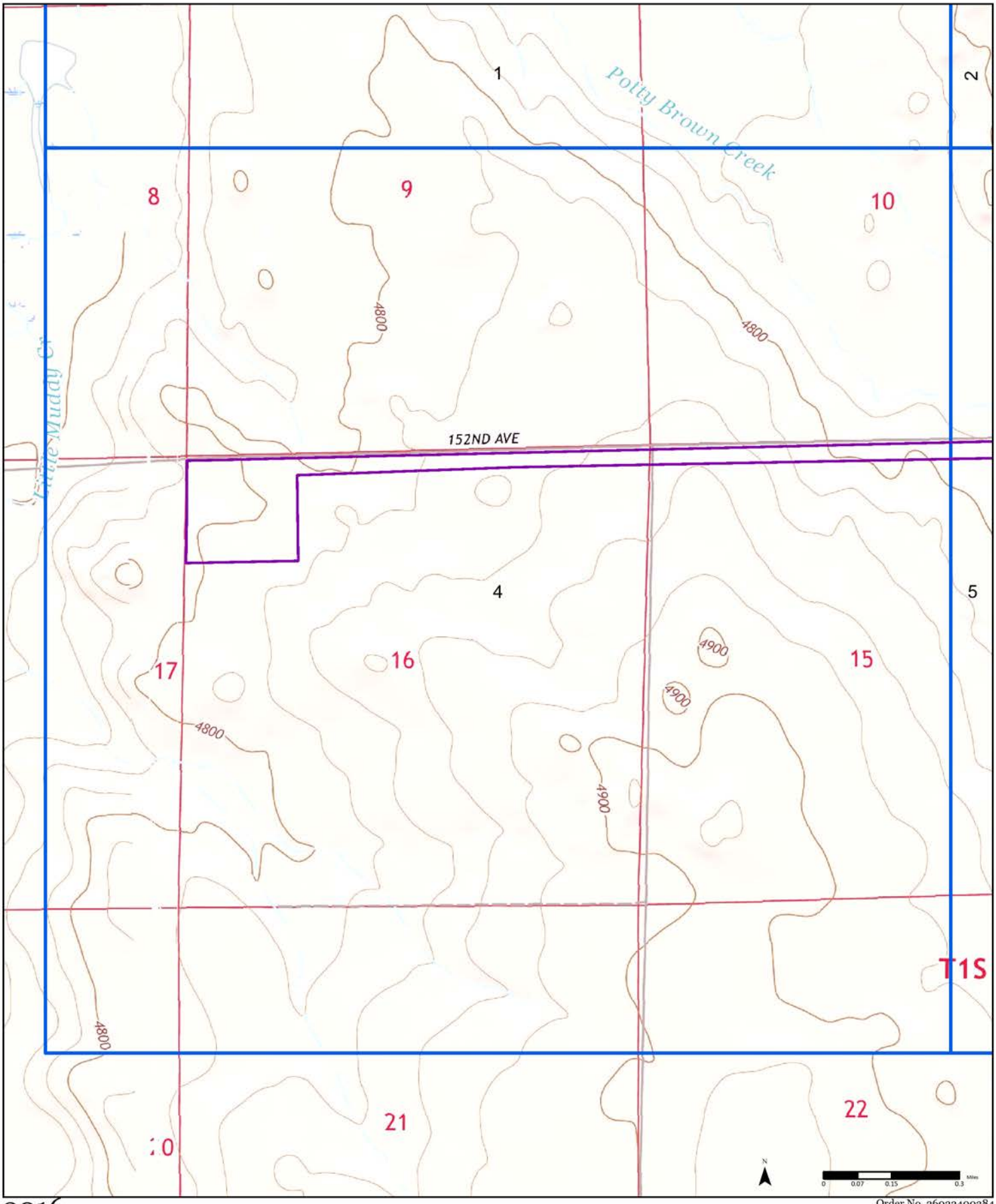
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ERIS



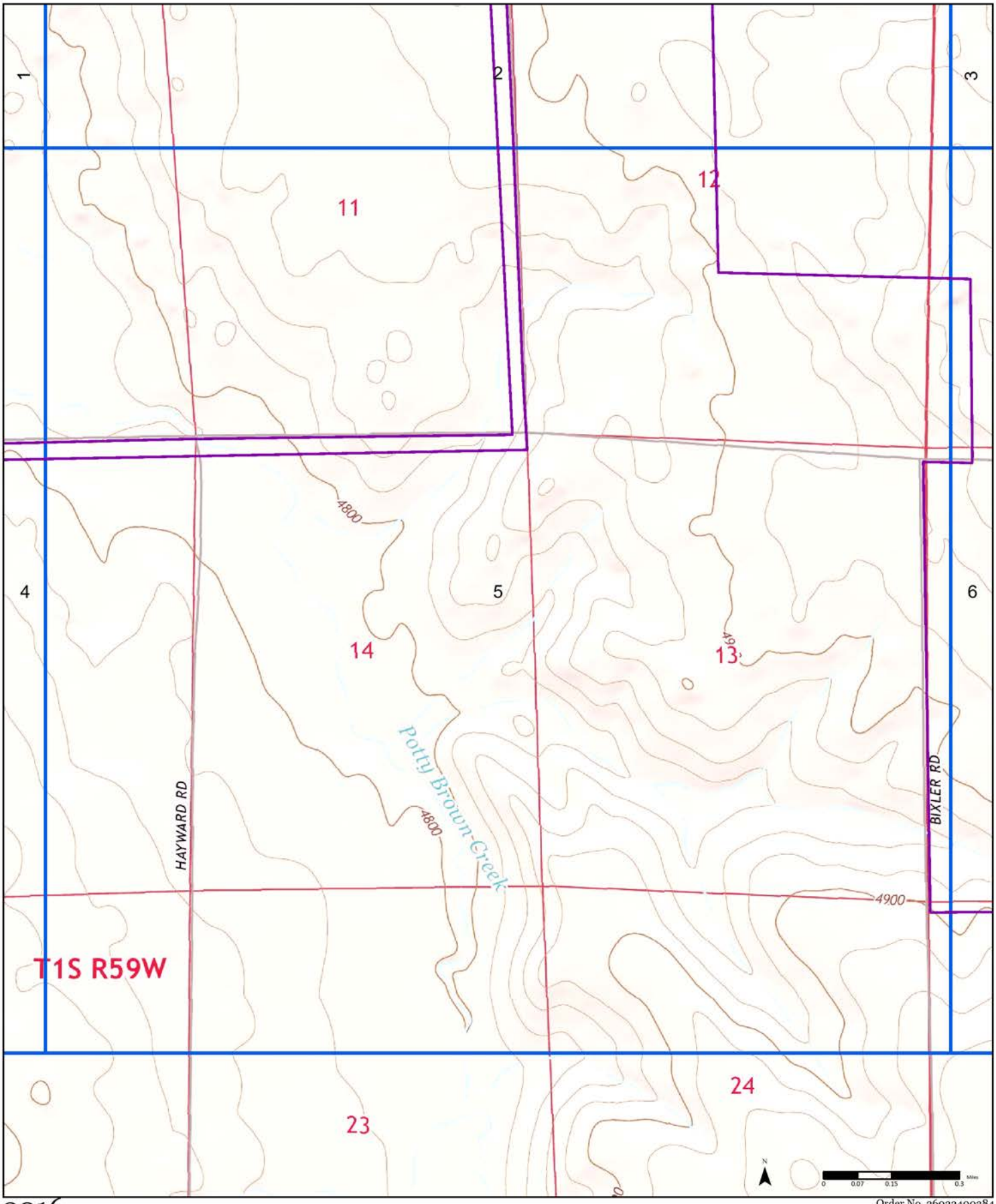
2016

Order No. 26022400384



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Hoyt, CO

Source: USGS 7.5 Minute Topographic Map



2016

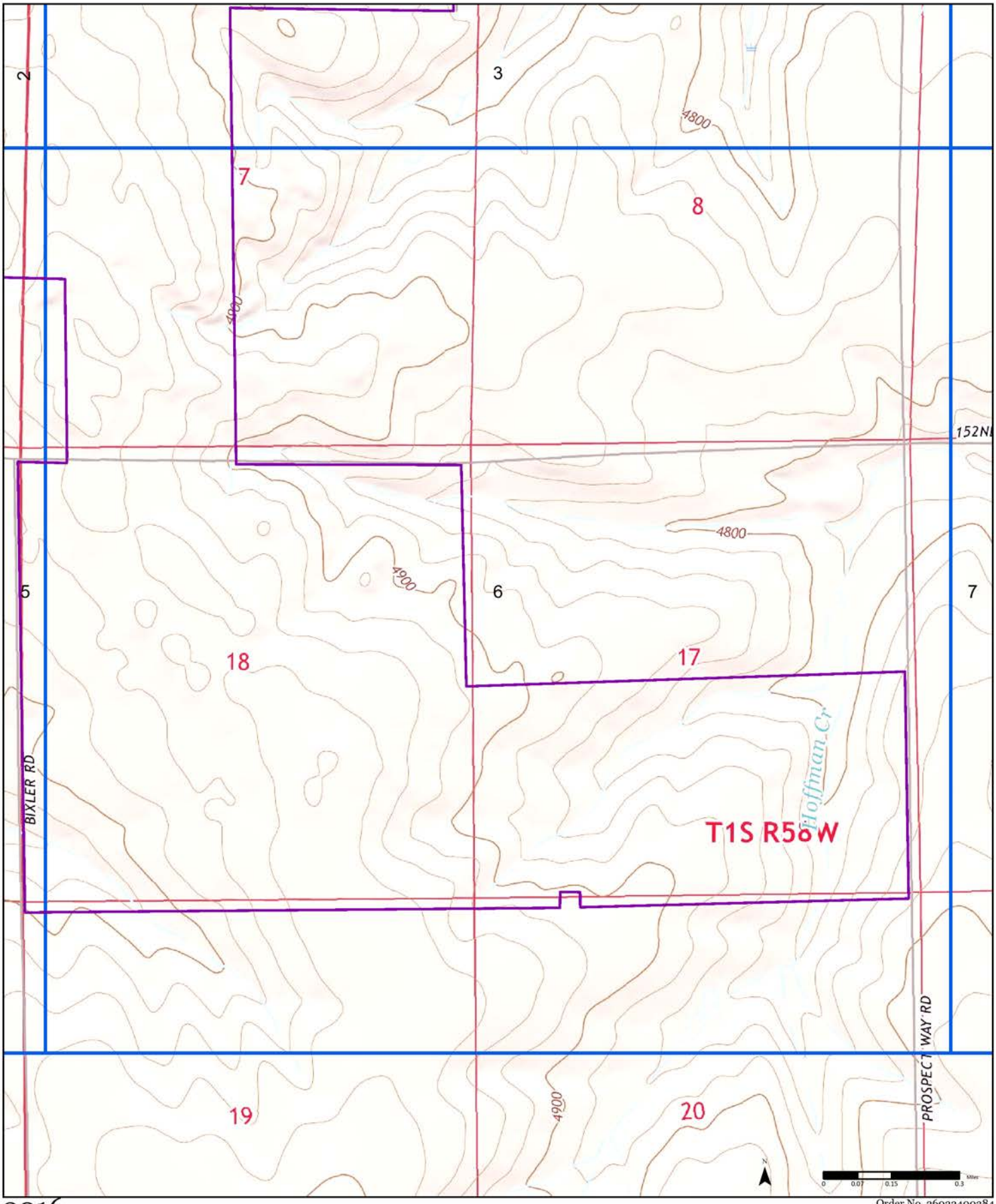
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2016

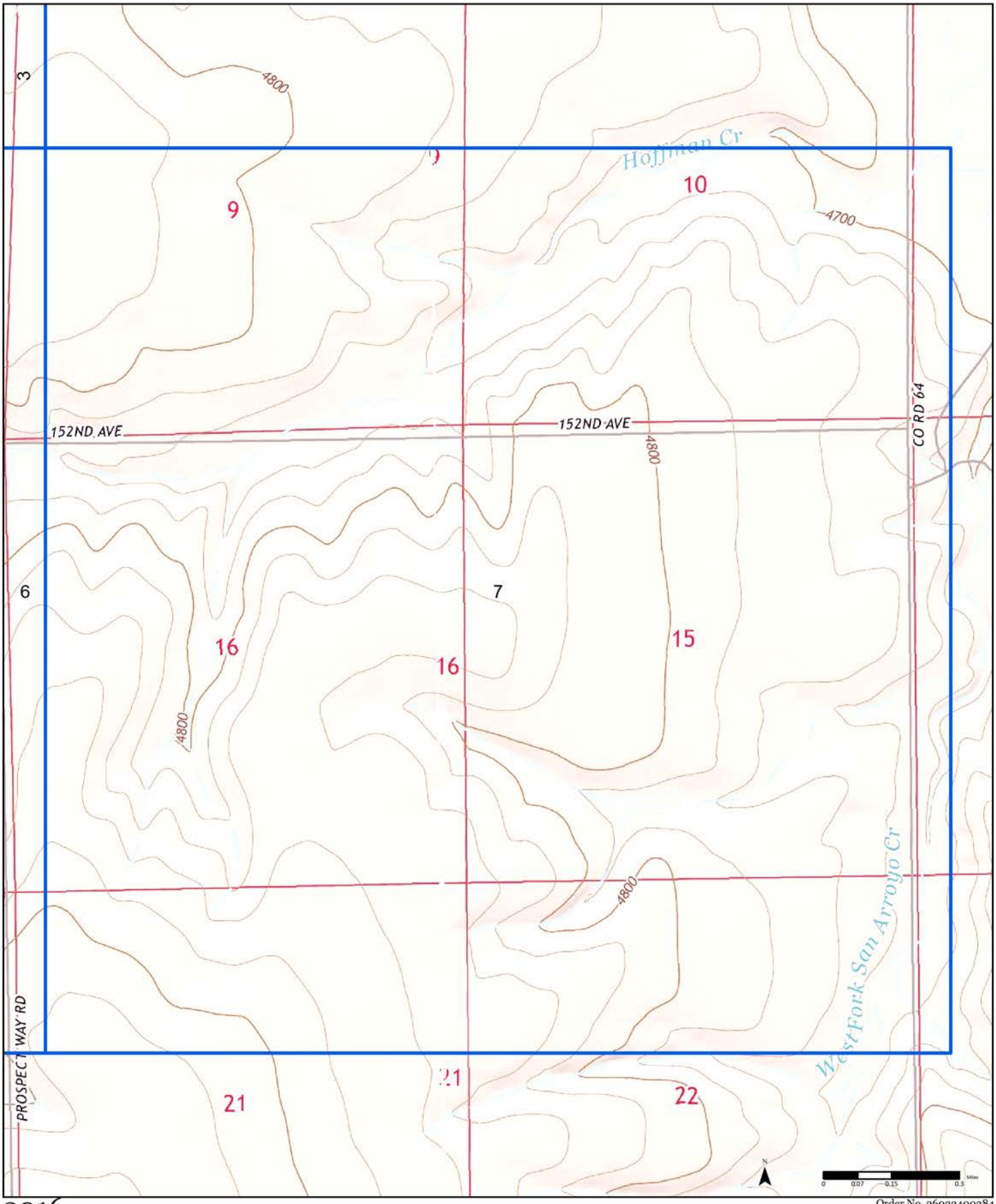
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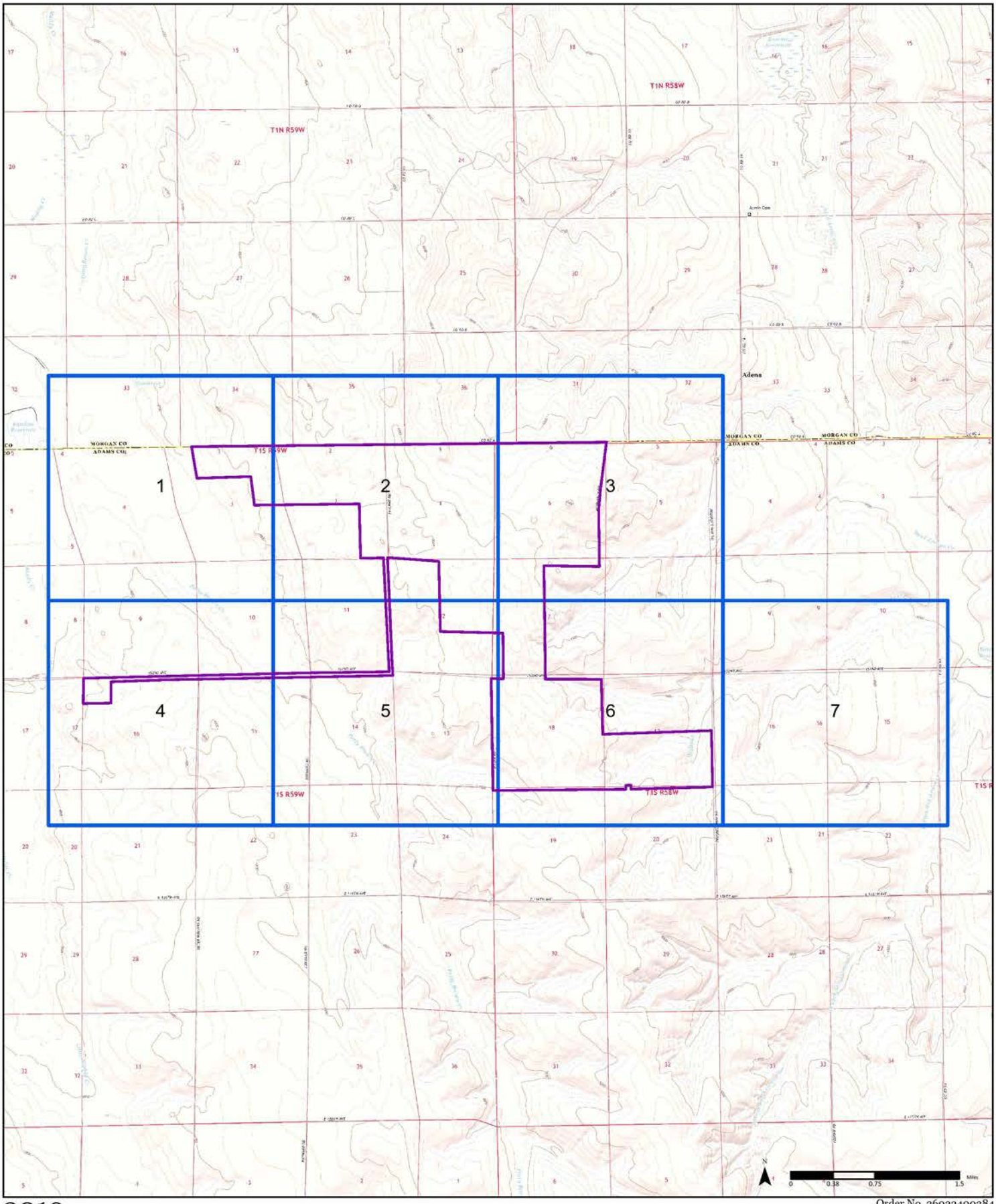
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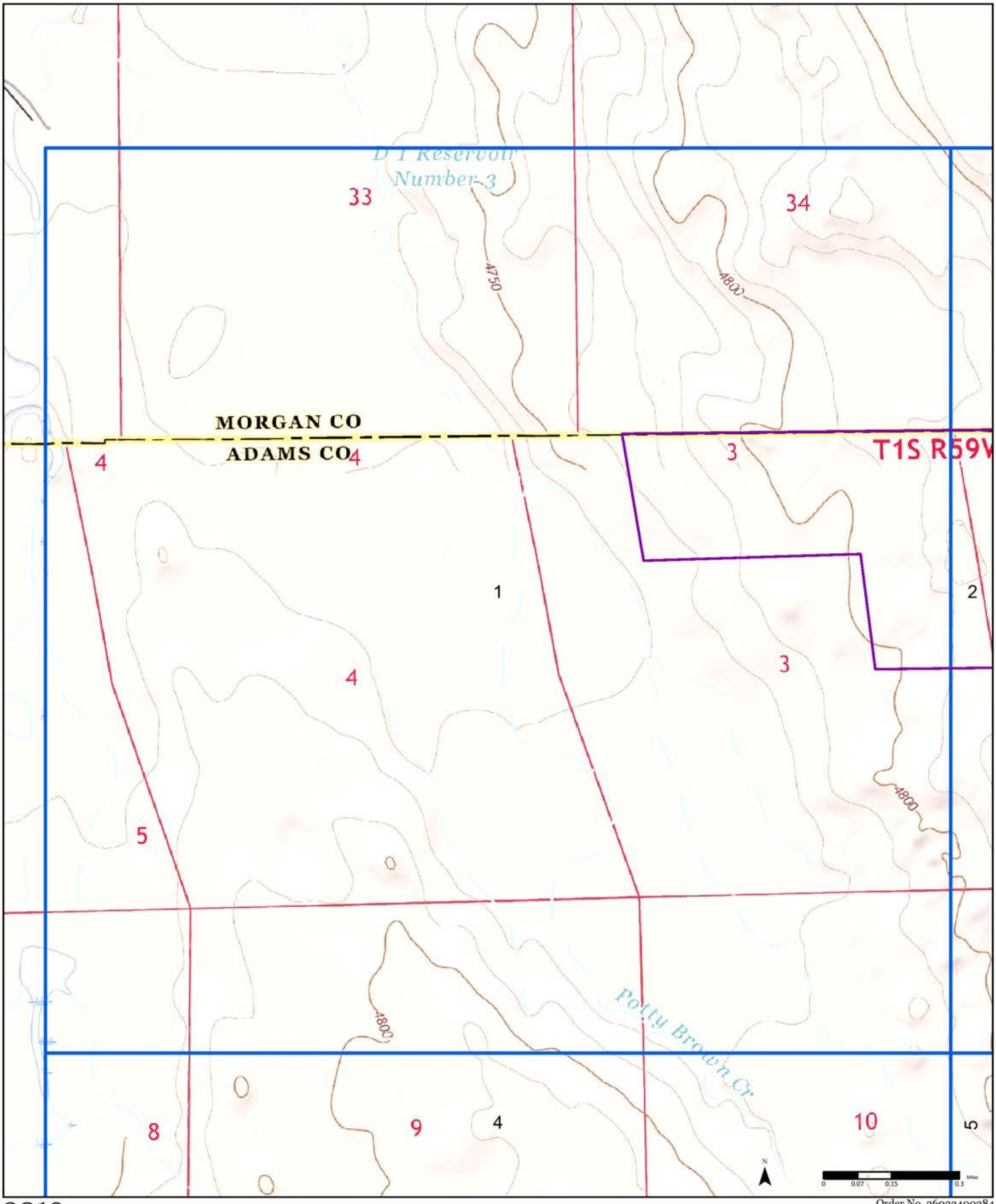
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Order No. 26022400384



Available Quadrangle(s): Potty Brown Creek, CO
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Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map



2019

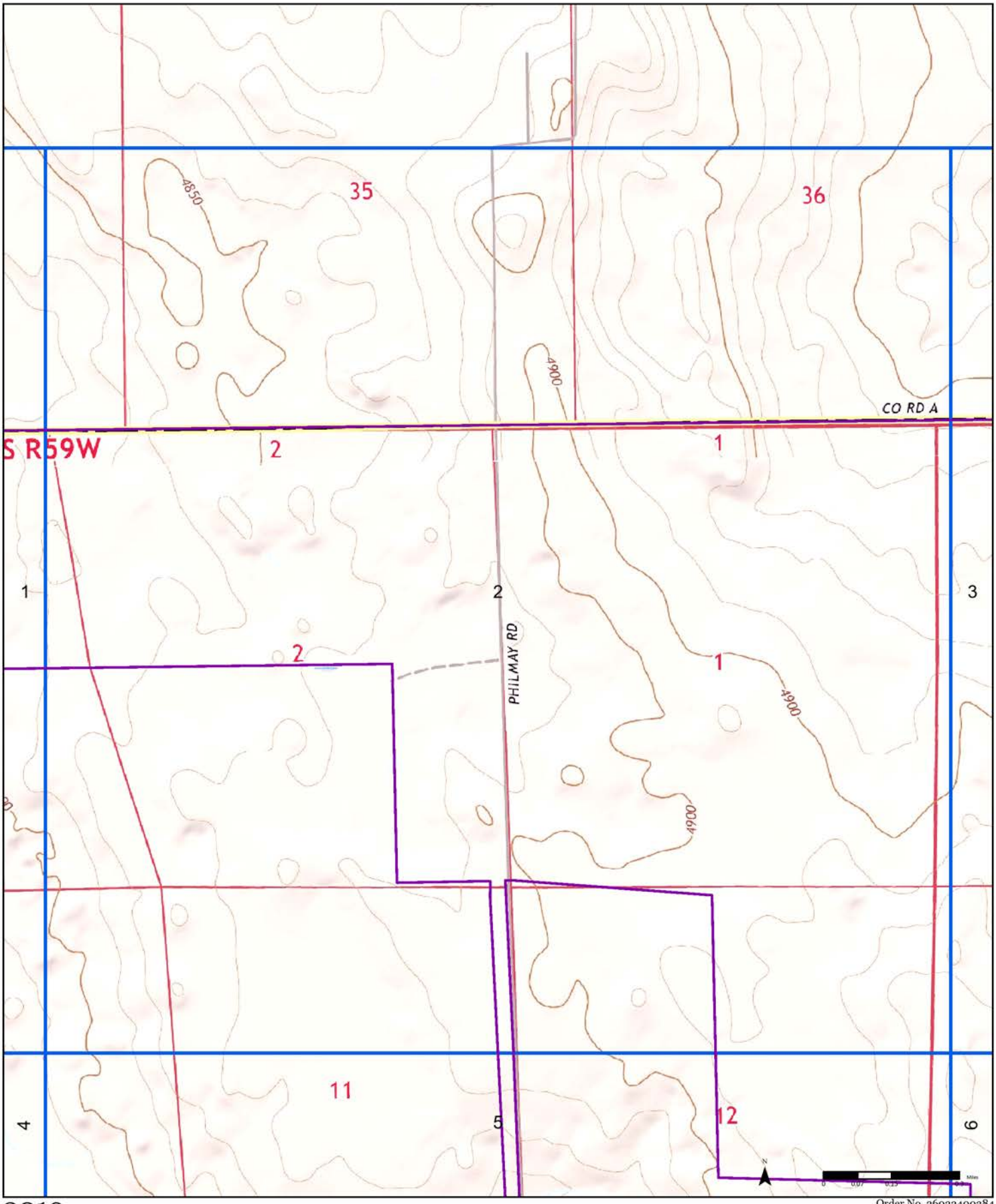
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ERIS



2019

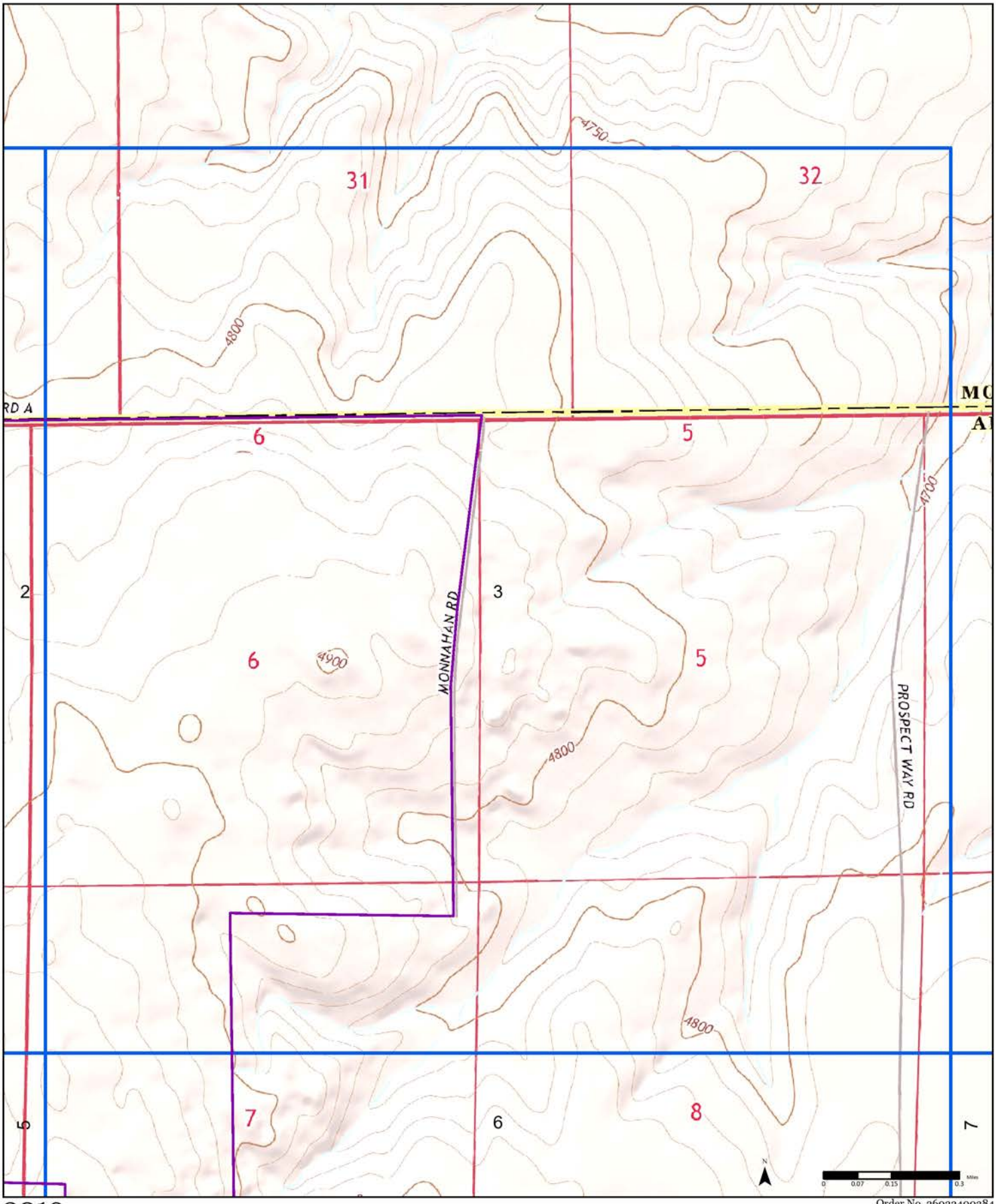
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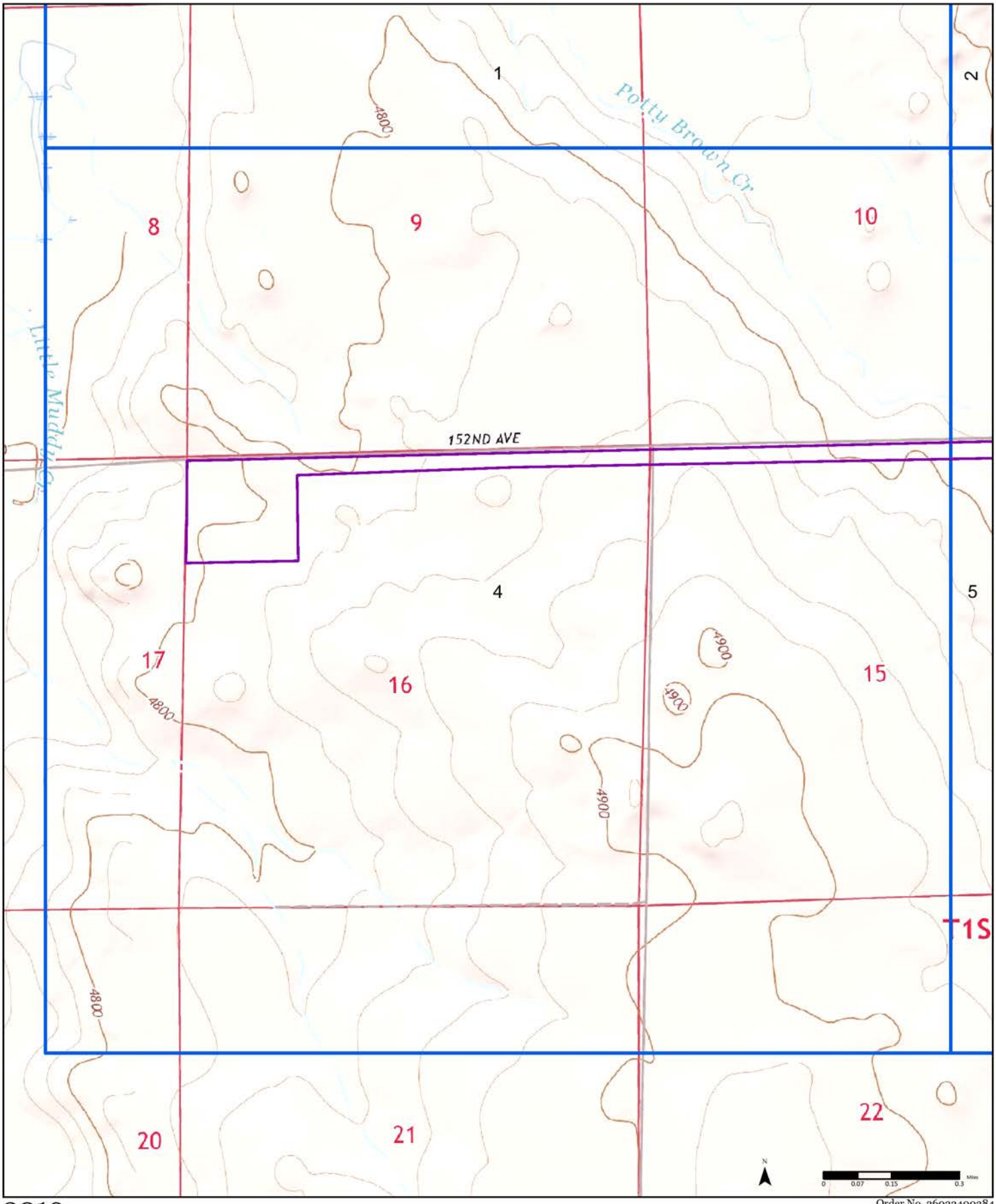
2019

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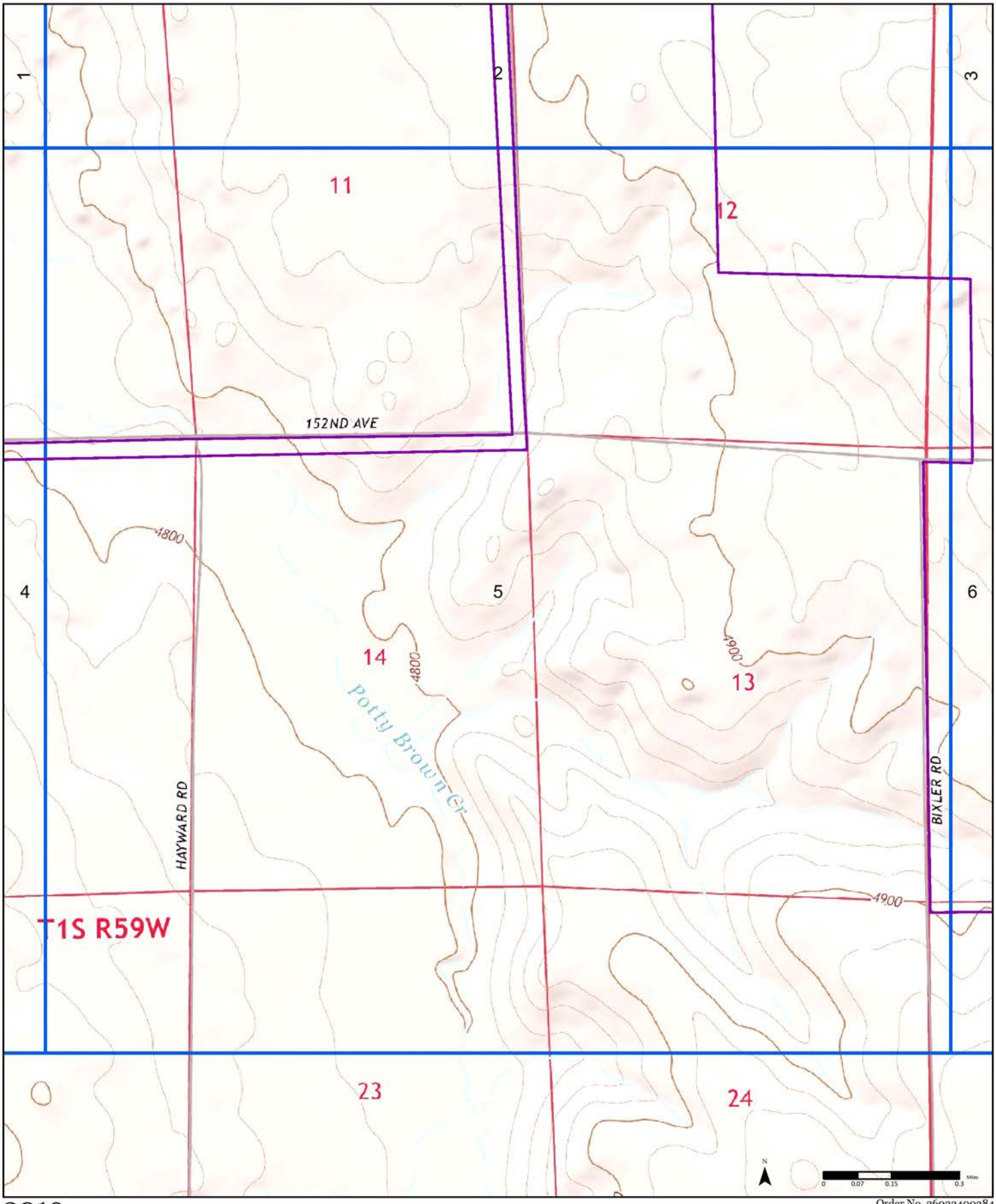
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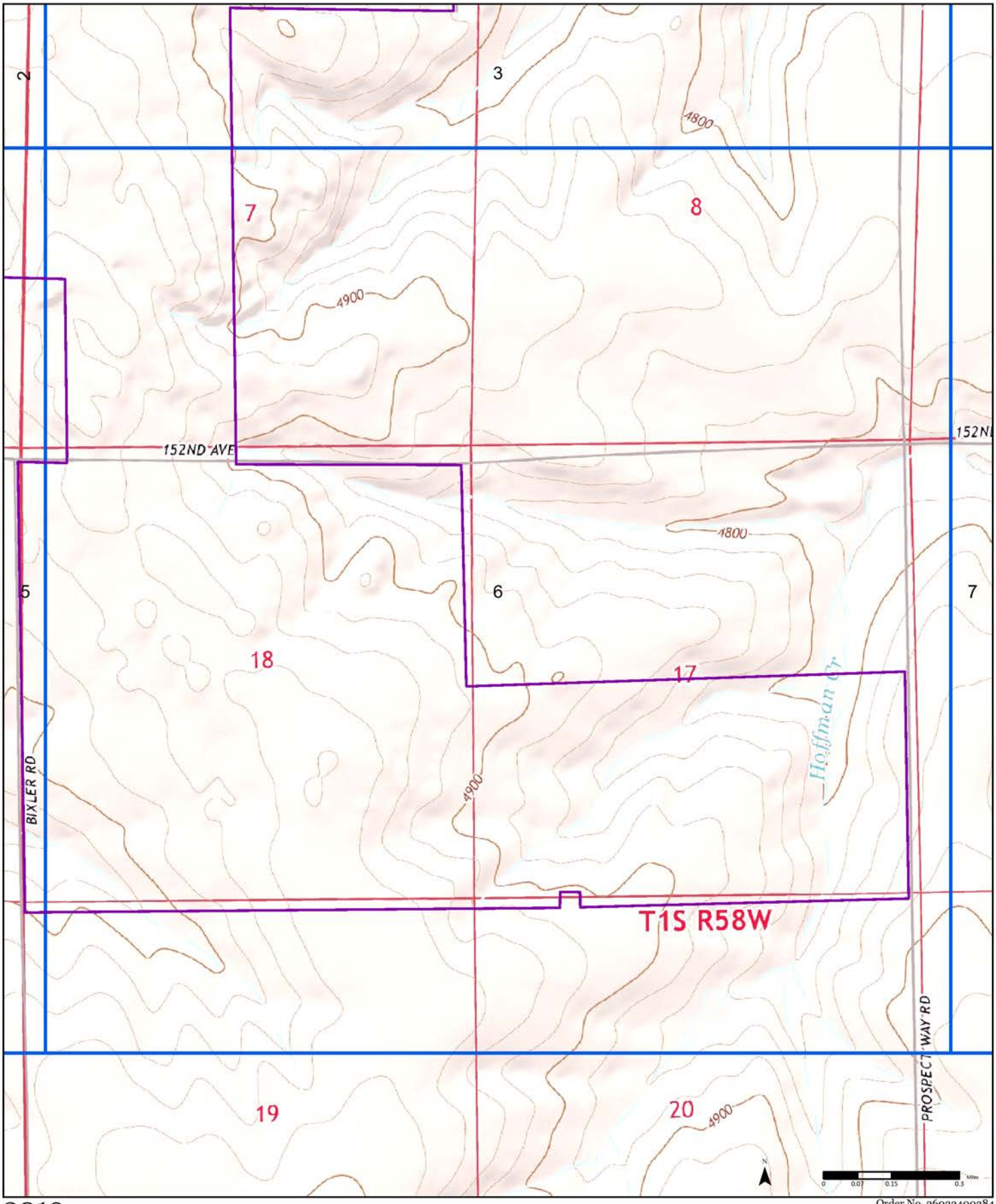
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2019

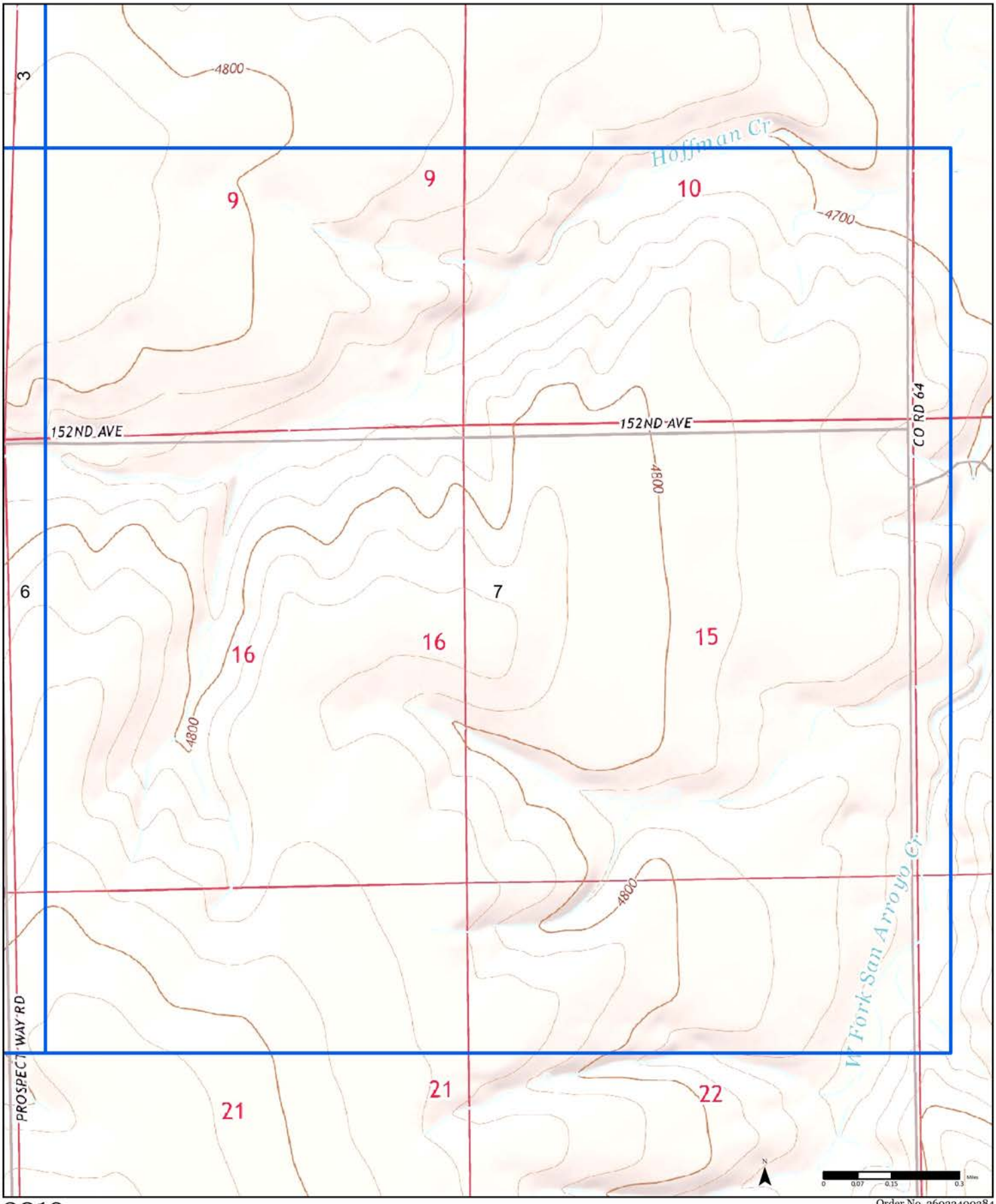
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2019

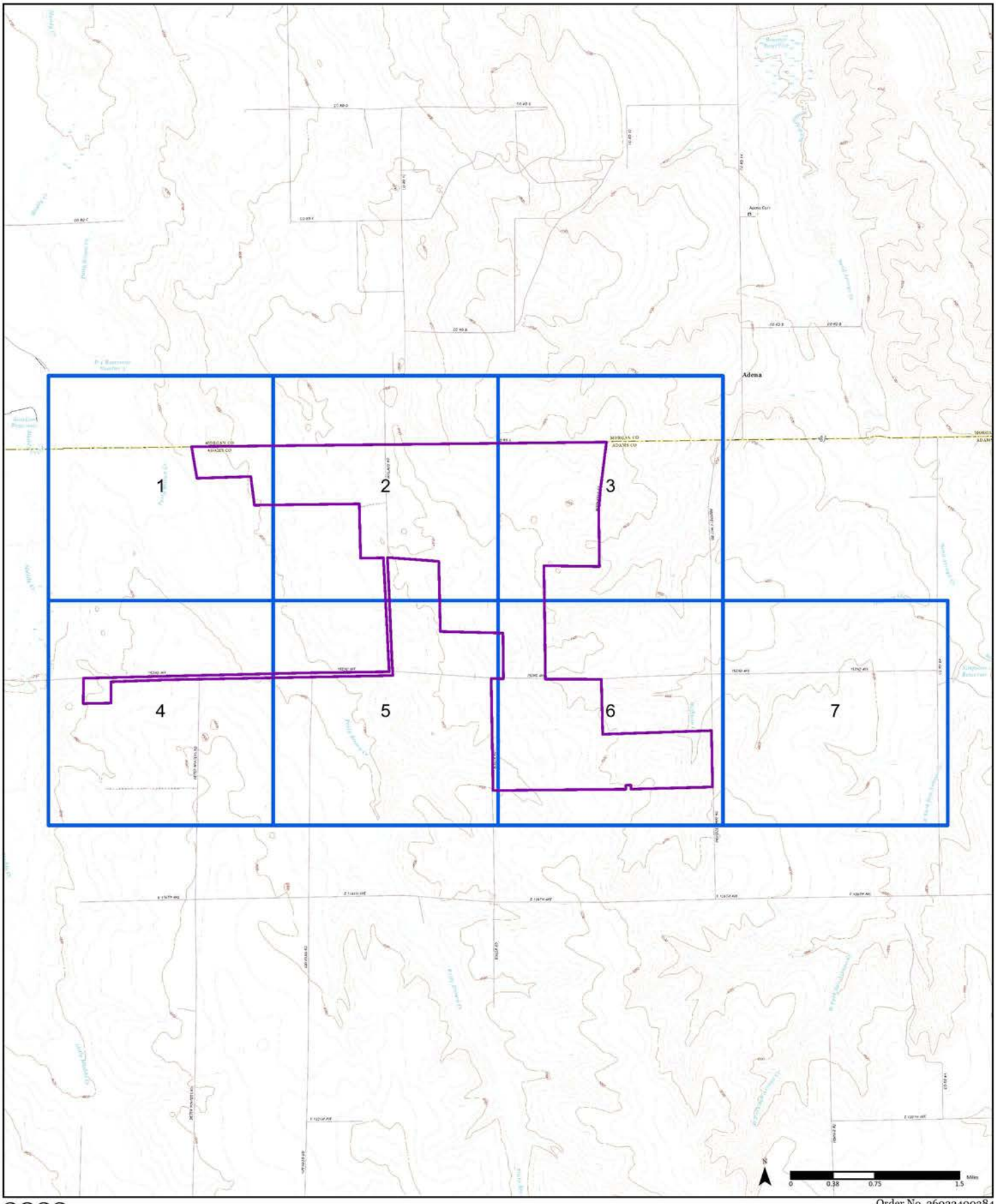
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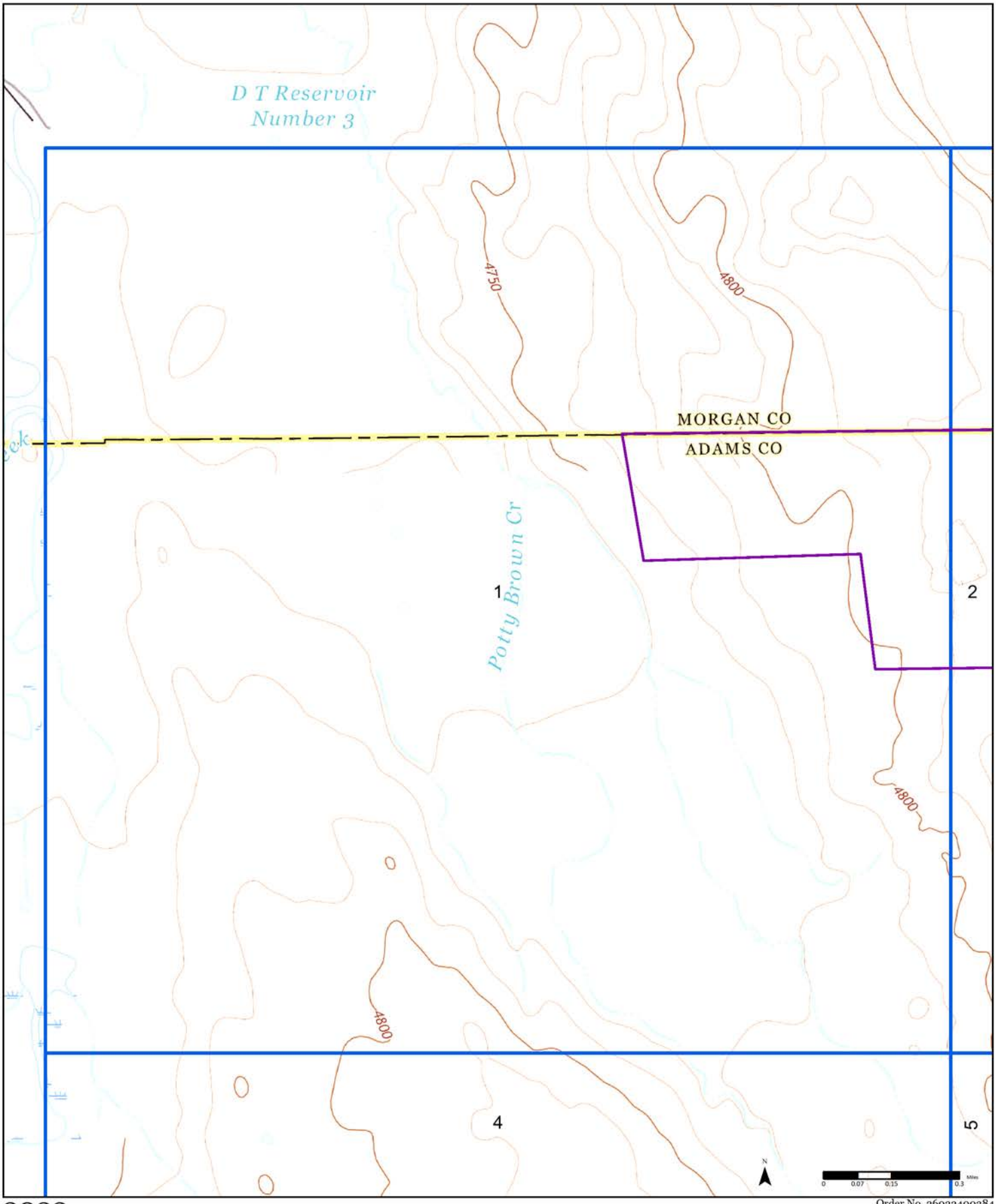
2022

Order No. 26022400384



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Shamrock, CO
Leader, CO
Hoyt, CO

Source: USGS 7.5 Minute Topographic Map



2022

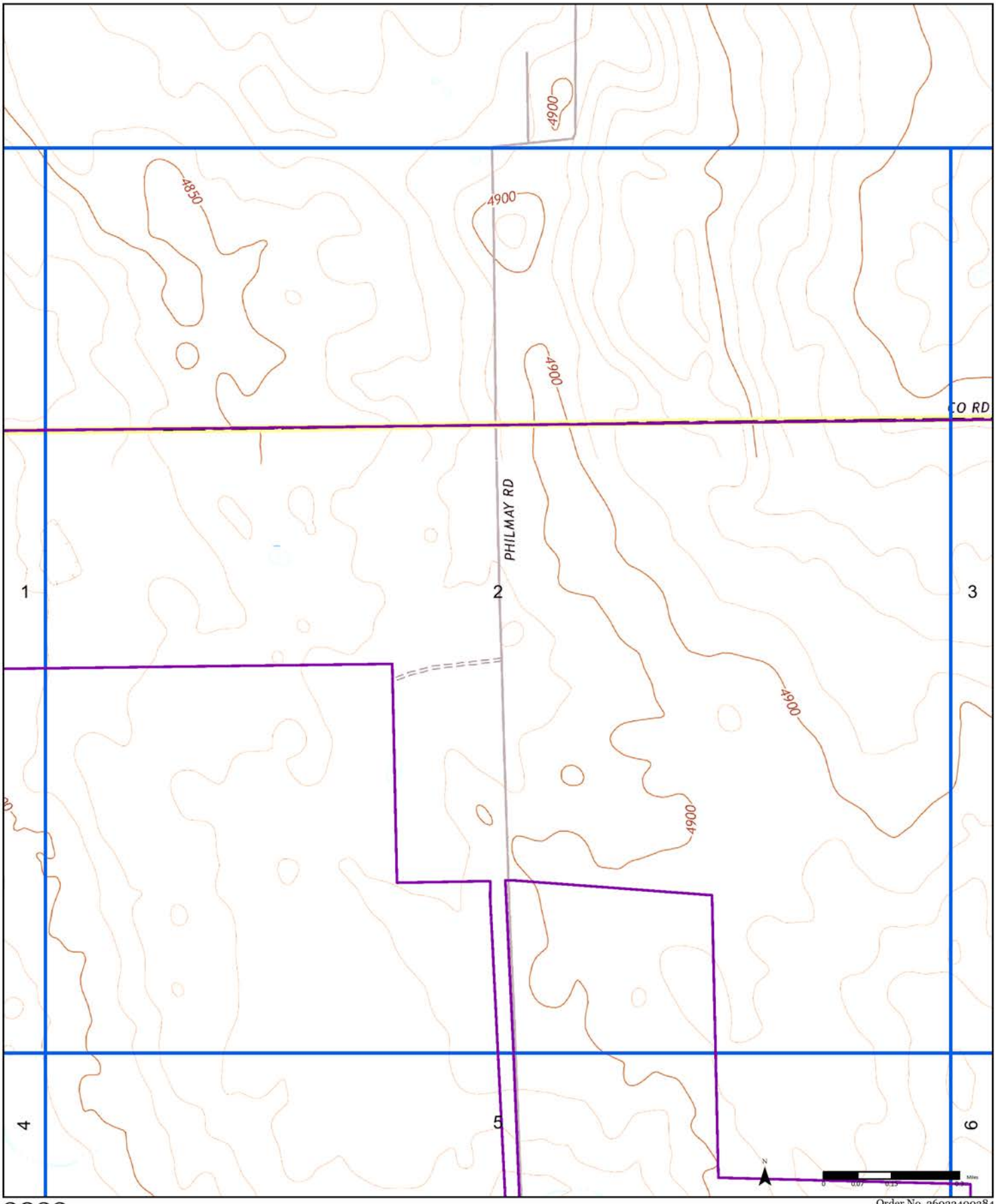
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ERIS



2022

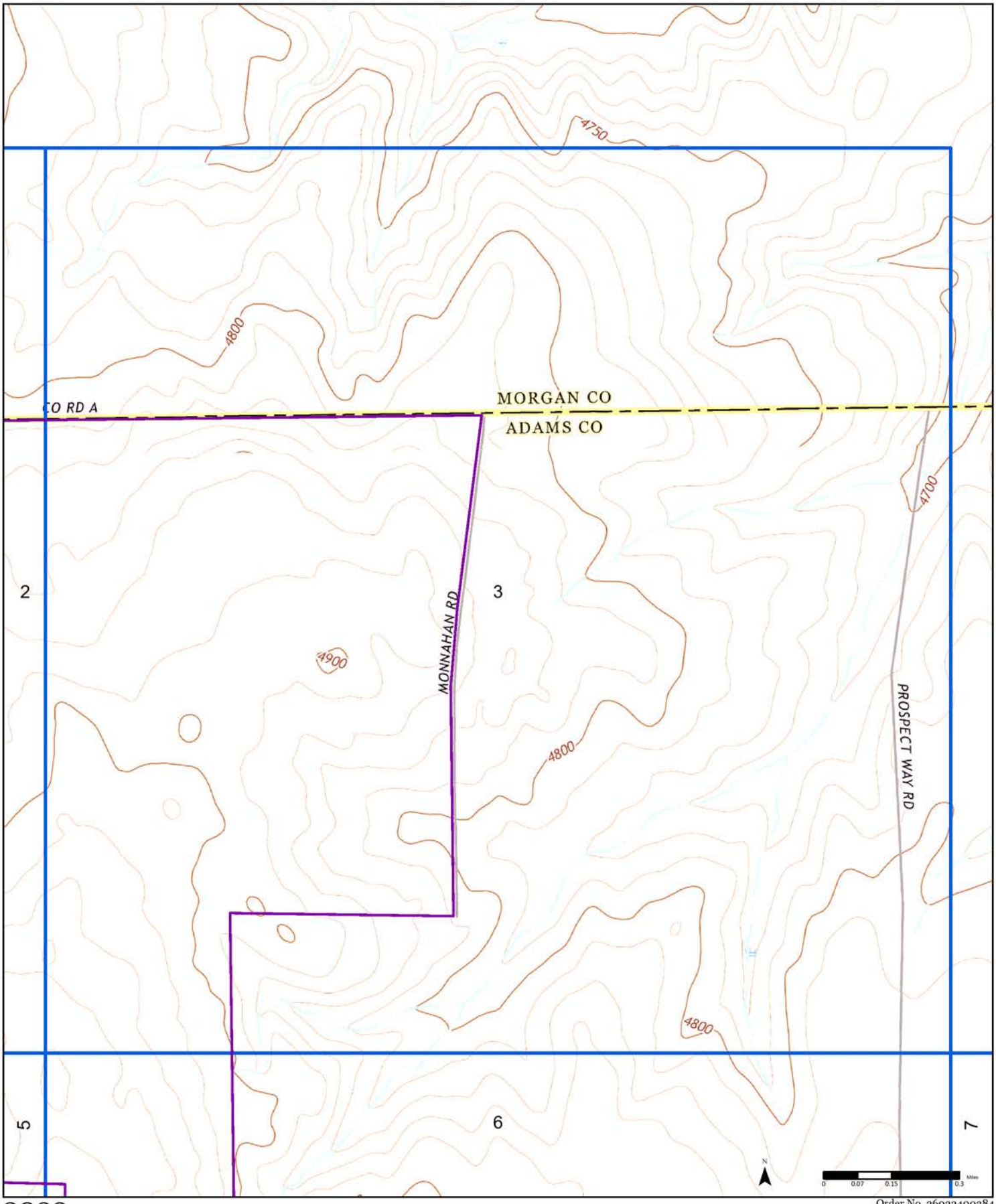
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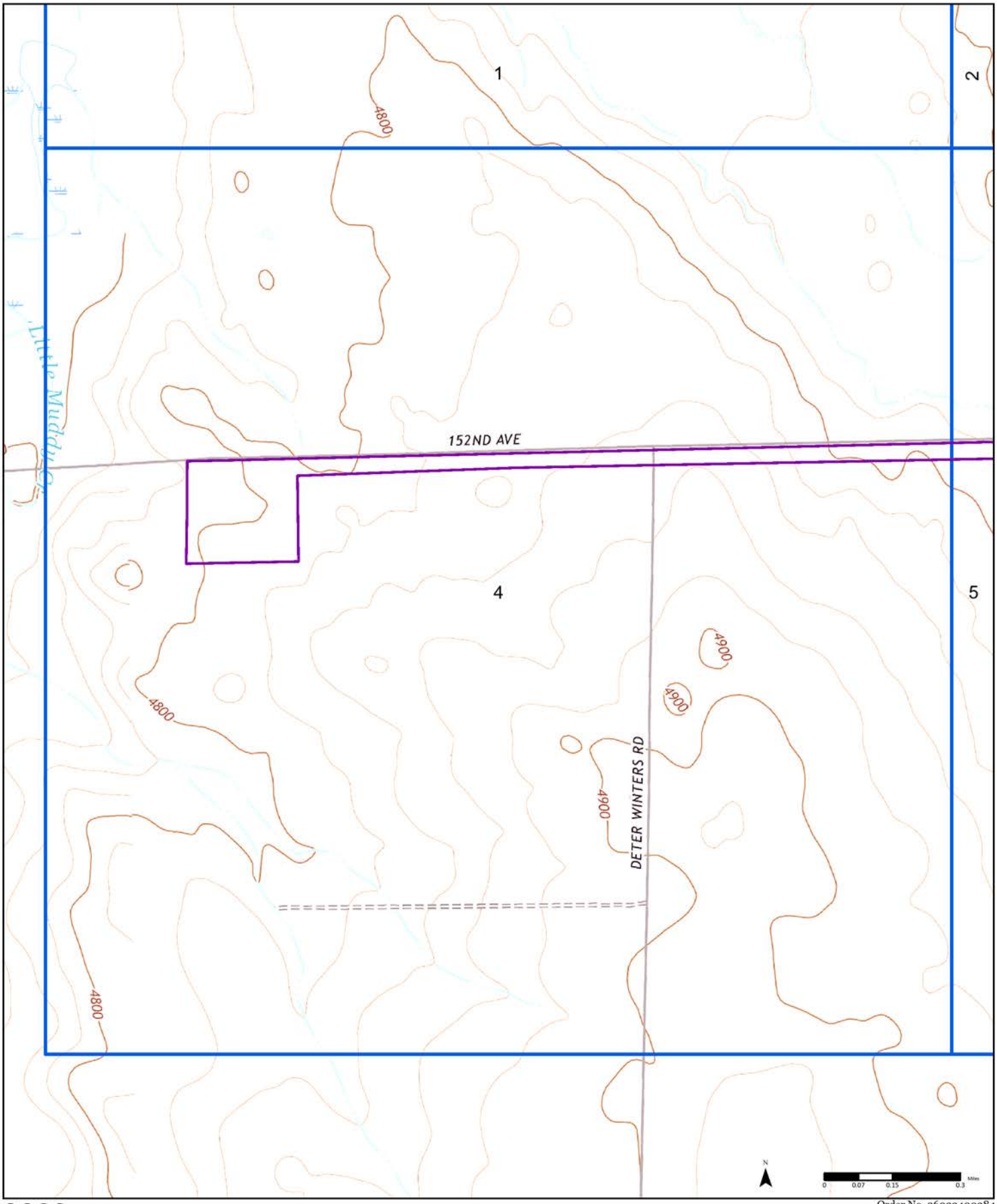
2022

Order No. 26022400384



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2022

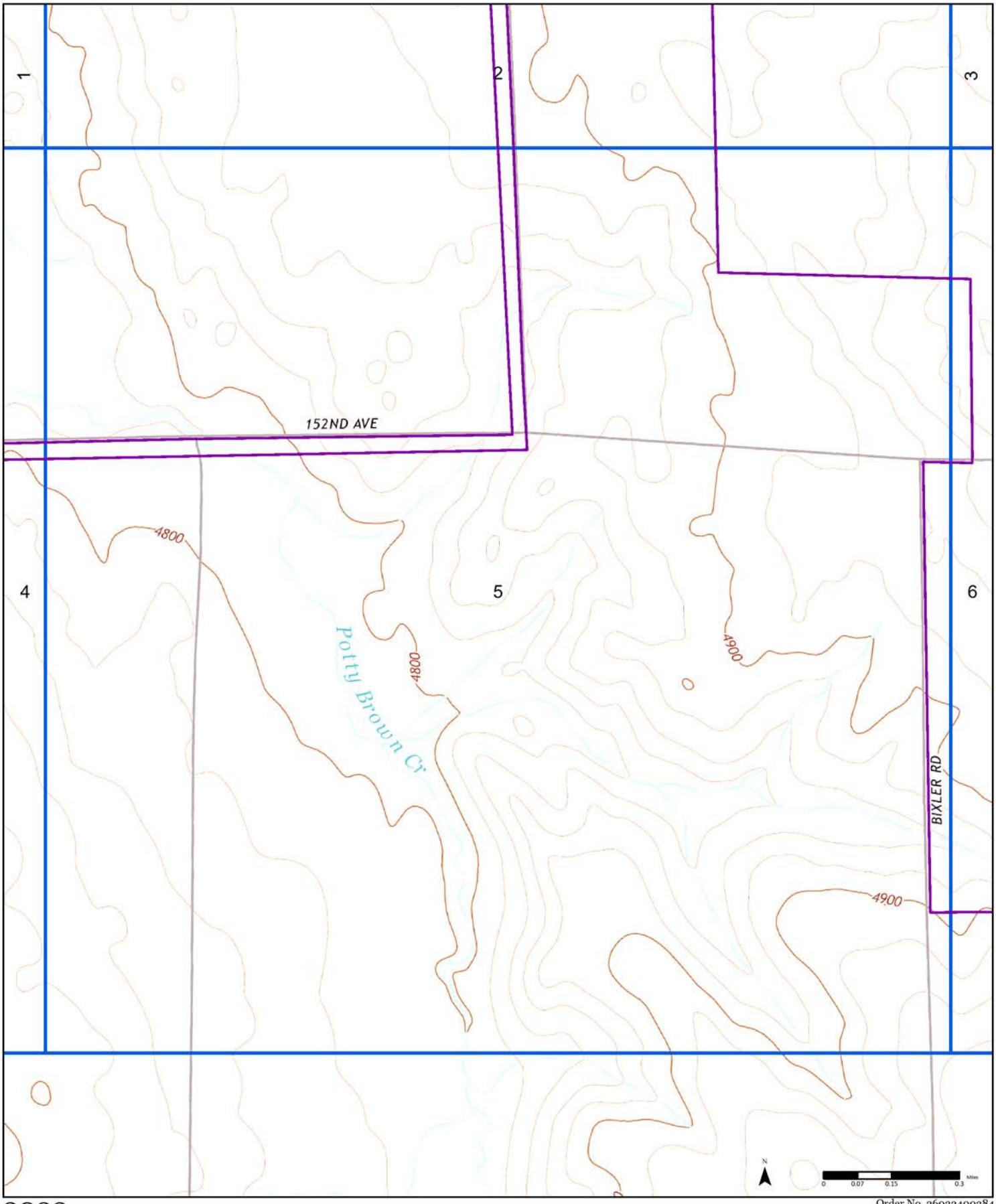
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ERIS



2022

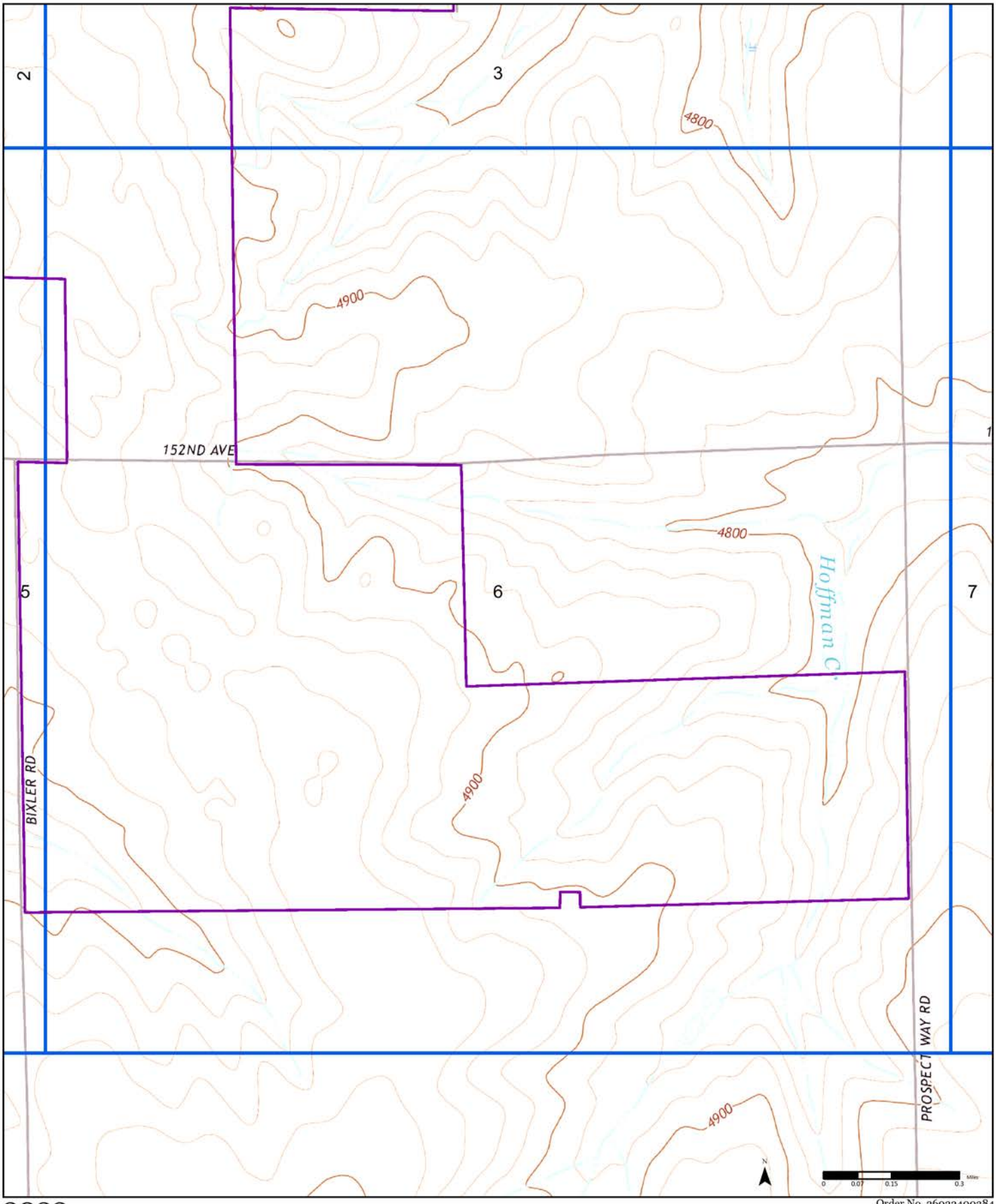
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2022

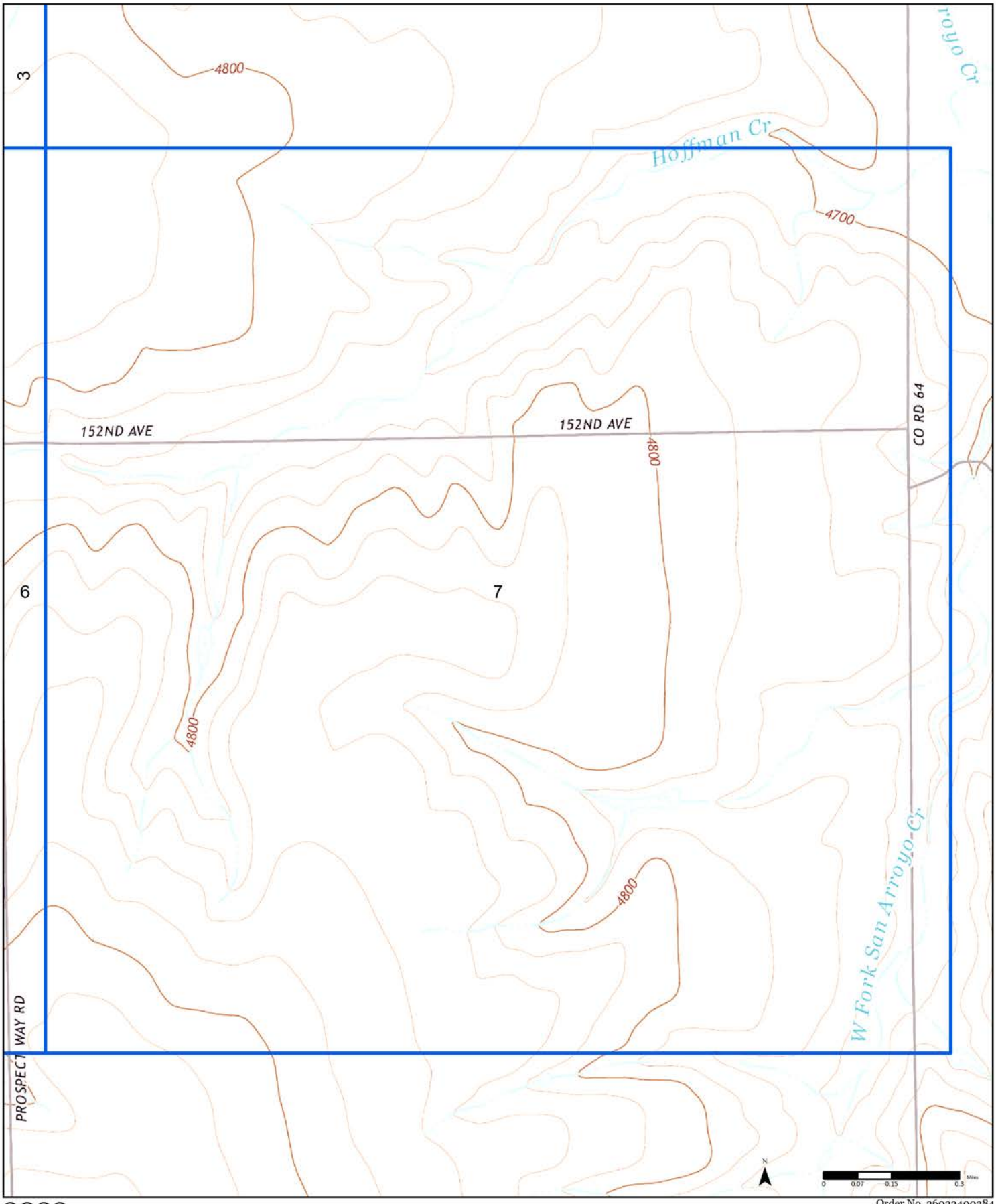
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2022

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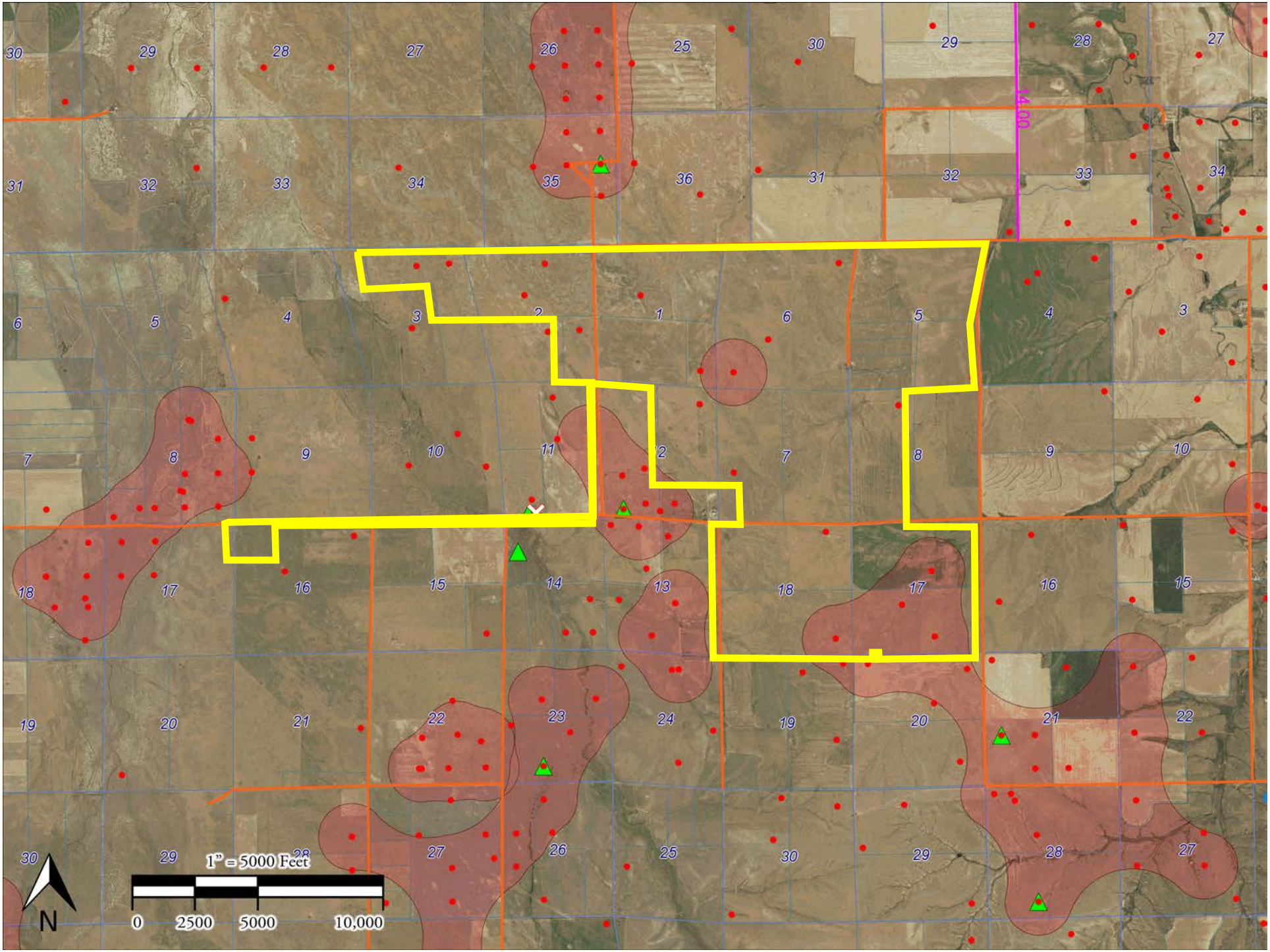
Source: USGS 7.5 Minute Topographic Map

ERIS

Appendix F

Agency Records

Oil & Gas Wells Locations - Colorado Energy and Carbon Management Commission – GIS Online Map



Appendix G

Interview Forms

Stantec

ASTM 1527-21 PHASE I ESA
LANDOWNER QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an innocent landowner, bona fide prospective purchaser, or contiguous property owner, ASTM standard practice 1527-21 and the federal AAI rule (40 CFR 312) require that the Landowner of the subject property considered under the Phase I ESA provide certain information (if available) to the Environmental Professional completing the assessment.

Please answer the following questions as completely as possible. Attach additional pages as needed.

Property Address/Location: Unaddressed, 39.974004, -103.945702

Type of Property: Agricultural

Type of Transaction (property acquisition, refinance, lease, etc: Easement

Why is a Phase I ESA required: Standard due diligence

Identification of all reliant parties: _____

Please answer all and respond N/A if not applicable to the Site.

1. Who is the owner of the property and what was the date of acquisition?
   The Hinerman Trust took over from Jewell Hinerman in 2014. Jewell and John had it since ~1945
2. What is the property currently used for? What operations are performed on the property?
   Dry land wheat and pasture land for cattle
3. Provide a list of all buildings on the property and the year of construction for each:
   No buildings are on 11-1-59 N2 SE4 and 14-1-59 N2.
4. Provide the acreage of the property (indicate if known or estimated and source):
   11-1-59 N2 SE4 (422 Acers) and 14-1-59 N2 (217 Acers)
5. Who are the previous owners/tenants of the property? What was the property previously used for?
   Jewell and John Hinerman and the same use as today
6. Was the property ever developed with a gas station, automotive repair facility, or industrial facility? If so, please describe and provide dates.
   No
7. Was the property ever used for dry cleaning, film finishing, or x-ray operations? If so, please describe and provide dates.
   No
8. Has fill dirt been used at the property? If so, what was the source of the dirt? Please provide location and reason for fill dirt.
   No

9. Are you aware of any environmental liens or activity use limitations for the Site or any existing environmental conditions at the property? If so, please describe and provide documentation.

   No

10. Are there any local, state, or federal permits required for the property such as:

    - Current or historical underground storage tanks (provide tank and line tightness and corrosion protection test results, monthly monitoring reports, tank closure/removal reports)
    - Storm water discharge
    - Waste water discharge
    - Air quality
    - Hazardous or industrial waste (**provide copies of waste manifests and Tier 2 forms for past 3 years**)
    - Spill Prevention Control and Countermeasures (SPCC) Plan?

      None that we are aware of.

Please provide copies of all permits.

None to our knowledge

11. Do you have any knowledge of prior environmental reports for the property? **Provide Copies**

    No

12. Do you have knowledge of any wells (surface water, groundwater, or monitoring wells), oil water separators, floor drains, or septic tanks on the property? If so, please describe location and use.

    14 water comes from a well by the house which isnt in this survey.

13. Do you have knowledge of previous wells, drains, oil water separators, or septic tanks on the property?

There was an oil well 100 yards off the road on 11. This was 50+ years ago and wasnt there for long

14. Do you have knowledge of any current or historical underground tanks or aboveground storage tanks on the property or adjacent properties?

    No

15. Are you aware of hazardous material or petroleum releases to the property? If so, please provide dates and details.

    No

16. Do you have knowledge of any hazardous materials, petroleum products, or wastes used or stored on the property?

    Only the above stated oil well.

17. Are hazardous wastes generated on the property? If so, please describe and provide waste manifests or method of disposal.

    No

18. How is solid non-hazardous waste (garbage) stored at or removed from the property?

    NA

19. Are you aware of any right-of-ways or underground pipelines on the property? If so, please describe.

    There is an underground oil pipelines in this area. There are 2 or 3 that go across both 11 and 14. They are on a diagonal down the valley.

Stantec

Name of person completing this questionnaire:	Timothy Hinerman
Title of Person completing this questionnaire	Trustee
Association with the Property	Trustee
Years familiar with the Property	20+
Signature	Timothy Hinerman
Date:	4/9/2026

Stantec

ASTM 1527-21 PHASE I ESA
LANDOWNER QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an innocent landowner, bona fide prospective purchaser, or contiguous property owner, ASTM standard practice 1527-21 and the federal AAI rule (40 CFR 312) require that the Landowner of the subject property considered under the Phase I ESA provide certain information (if available) to the Environmental Professional completing the assessment.

Please answer the following questions as completely as possible. Attach additional pages as

needed. Property Address/Location: Unaddressed , 39.985148° -103.938250°

Type of Property: Ranch

Type of Transaction (property acquisition, refinance, lease, etc: Lease

Why is a Phase I ESA required: Standard due diligence

Identification of all reliant parties: _____

Please answer all and respond N/A if not applicable to the Site.

1. Who is the owner of the property and what was the date of acquisition?

   Ferris Ranch LLC, Property was acquired February 14, 2001.

2. What is the property currently used for? What operations are performed on the property?
   The property is used for cattle ranching and all operations are associated with that use.

3. Provide a list of all buildings on the property and the year of construction for each:

   There are no buildings on the optioned property There is a set buildings on the Ranch headquarters which are not in the optioned property. One is of unknown time of construction but at least 50 years old the others were constructed in 2018.

4. Provide the acreage of the property (indicate if known or estimated and source):

   3606 acres based on deeded acreage.

5. Who are the previous owners/tenants of the property? What was the property previously used for?
   Howard Curtis was the previous owner. The property was used for cattle ranching.

6. Was the property ever developed with a gas station, automotive repair facility, or industrial facility? If so, please describe and provide dates.

   No

7. Was the property ever used for dry cleaning, film finishing, or x-ray operations? If so, please describe and provide dates.

   No

8. Has fill dirt been used at the property? If so, what was the source of the dirt? Please provide location and reason for fill dirt.

   None that I know of.

9. Are you aware of any environmental liens or activity use limitations for the Site or any existing environmental conditions at the property? If so, please describe and provide documentation.

   There are none.

10. Are there any local, state, or federal permits required for the property such as:

    - Current or historical underground storage tanks (provide tank and line tightness and corrosion protection test results, monthly monitoring reports, tank closure/removal reports)
    - Storm water discharge
    - Waste water discharge
    - Air quality
    - Hazardous or industrial waste (**provide copies of waste manifests and Tier 2 forms for past 3 years**)
    - Spill Prevention Control and Countermeasures (SPCC) Plan?

Please provide copies of all permits.

There are none.

11. Do you have any knowledge of prior environmental reports for the property? **Provide Copies**

Not aware of any environmental reports.

12. Do you have knowledge of any wells (surface water, groundwater, or monitoring wells), oil water separators, floor drains, or septic tanks on the property? If so, please describe location and use. Stockwater wells are located in Sections 8, 12 and 18.

13. Do you have knowledge of previous wells, drains, oil water separators, or septic tanks on the property?

    No

14. Do you have knowledge of any current or historical underground tanks or aboveground storage tanks on the property or adjacent properties?
    There are several aboveground water tanks that work in conjunction with the stockwater wells referenced above.

15. Are you aware of hazardous material or petroleum releases to the property? If so, please provide dates and details.

    None that I am aware of.

16. Do you have knowledge of any hazardous materials, petroleum products, or wastes used or stored on the property?

    None that I am aware of.

17. Are hazardous wastes generated on the property? If so, please describe and provide waste manifests or method of disposal.

    No hazardous wastes are generated on the property.

18. How is solid non-hazardous waste (garbage) stored at or removed from the property?

    We have a dumpster and once a month trash removal service.

19. Are you aware of any right-of-ways or underground pipelines on the property? If so, please describe.
    There are none that I am aware of.

Stantec

Name of person completing this questionnaire:
Brian Ferris

Title of Person completing this questionnaire
Owner and Manager of Ferris Ranch LLC

Association with the Property
Owner and Manager of Ferris Ranch LLC

Years familiar with the Property
2001 through present

Signature
Brian Ferris

Date:
April 8, 2026

Stantec

Stantec is a global leader in sustainable architecture, engineering, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.