



Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

Permit Closure Report – Cropland

Location ID: 322962

Location Name: DR-65N64W/10SWSW

Report Date:

9/19/2024

H2E has conducted a thorough review of the data provided in this report. This report was developed in accordance with ECMC Operator Guidance – Operator supplied cropland drone imagery and information for submitting a final reclamation completion notice.

Crop Year and Type

Crop 2024 – Alfalfa

Crop 2023 – Alfalfa

Inspection:

Performed by	H2E Incorporated
Date	7/19/2024

All pertinent data, imagery, and materials are included at the end of this report.

Location Checklist



Operator / #	Noble Energy / 100322		
Name / Location ID	DR-65N64W/10SWSW / 322962		
County	Weld		
Well Information	Well Name: DR #2-10		
	Well API #: 05-123-12340		
	Lat/Long As Drilled: 40.408350 / -104.543200		
	Plug date & Form 6S Doc. #: 10/09/2020 - 402528483		
Facility Entities	X	Tank Battery	Pits
	X	Wells	On-Location Flowlines
		Domestic Taps	X Off-Location Flowlines
Equipment on Site	X	None	Debris
		Pit mouse/rat holes, cellars backfilled	
Access Road	X	Regraded	X Contoured
		Culverts removed	Gravel removed
	Pre-existing: must provide supporting documentation		
Reclamation Status	X	Location and associated disturbances reclaimed	
		Subsidence	
Spills or Releases (Form 19)	X	No	Yes
Remediation (Form 27/27A)		No	X Yes
On-Location Flowlines	X	No	Yes
Off-Location Flowlines		No	X Yes
Inspection Corrective Actions		No	X Yes
Sundry Notice (Form 4)	No sundry notice pertaining to series 900-1200 rules was identified.		
Drone Information	Make & Model: DJI M300		
	Image Processing Software: Pix4Dmapper		
	Pilot Name & FAA Certificate #: Ethan Janak - 4712796		
	Date of FAA Certificate Issuance: 8/22/2022		

Location Summary



Name:	DR-65N64W/10SWSW		
Type	Wellhead		
Location ID	322962		
Operator / #	Noble Energy / 100322		
Field	Kersey		
County, State	Weld, Colorado		
Lat/Long	40.408350 / -104.543200		
	<input type="checkbox"/> Planned Location	<input checked="" type="checkbox"/> X	<input type="checkbox"/> As Drilled
Location	SWSW 10 5N64W 6		
Facility Status - Date	PA - 10/9/2020		
Facility Entities	<input checked="" type="checkbox"/> X	Tank Battery	<input type="checkbox"/> Pits
	<input checked="" type="checkbox"/> X	Wells	<input checked="" type="checkbox"/> X Off-Location Flowlines
	<input type="checkbox"/>	Domestic Taps	<input type="checkbox"/> On-Location Flowlines
	<input type="checkbox"/>	Electric Utilities	<input type="checkbox"/>
Equipment on Site	<input checked="" type="checkbox"/> X	No	<input type="checkbox"/> Yes
	<input type="checkbox"/>	If yes, list:	
	<input type="checkbox"/>	Pit mouse/rat holes, cellars backfilled	
Access Road	<input checked="" type="checkbox"/> X	Regraded	<input checked="" type="checkbox"/> X Contoured
	<input type="checkbox"/>	Culverts Removed	<input type="checkbox"/> Gravel Removed
	<input type="checkbox"/>	Pre-Existing (Must provide supporting documentation):	
Variance Requests	N/A		
Sundry Notice (Form 4)	N/A		
Off-Location Flowlines Pre May 2018 (Form 42)	Form 42 Doc # & Date: 401325986 - 06/29/2017		
	Purpose: Flowlines Abandoned		
	Abandonment Date: 06/16/2017		
	ECMC Approval Date & Signee: N/A		
	Operator Comments: N/A		
	Flowline Facility Information		
	ECMC Flowline ID: N/A		
	Operator Flowline ID: N/A		
	Status & Date: N/A		
	Flowline Type: Wellhead line		
	Type of Fluids Transported: Crude Oil		
	Start Point Location ID: 322962		
	Start Point Riser Lat/Long: 40.408350 / -104.543200		
	Equipment at Start Point: Wellhead		
	End Point Location ID: N/A		
	End Point Riser Lat/Long: 40.408832 / -104.545124		
Equipment at End Point: Separator			

<p>Field Inspection Form (Form INSP)</p>	<p>Form INSP Doc # & Date: 1) 670501892 - 10/24/2013 2) 673900136 - 01/13/2014 3) 684904758 - 12/12/2017 4) 690002624 - 10/25/2018</p>
	<p>Status Summary: 1) FOLLOW UP INSPECTION REQUIRED 2) NO FOLLOW UP INSPECTION REQUIRED 3) FOLLOW UP INSPECTION REQUIRED 4) NO FOLLOW UP INSPECTION REQUIRED</p>
	<p>Inspected Facilities: 1) Well 2) Well 3) Well 4) Well</p>
	<p>Inspection Status: 1) Satisfactory 2) Satisfactory 3) Corrective Action Response Requested 4) Satisfactory</p>
	<p>Inspection Date & Inspector: 1) 10/24/2013 - John Montoya 2) 01/13/2014 - Bill Rains 3) 12/12/2017 - Conor Pesicka 4) 10/25/2018 - Craig Carlile</p>
	<p>Comments: 1) BATTERY, SEPERAROR, COMBUSTER, AND METER RUN DAMAGED BY FLOOD 2) REINSPECTION FLOOD DAMAGES ALL REPAIRS MADE 3) Called operator at 1030hr on 12/12/17 about leak, Met with personnel at 1045hr on 12/12/17 4) Corrective actions have been performed.</p>
<p>Inspection Corrective Actions (CAs)</p>	<p>1) INSP Doc #670501892 identified 9 corrective actions on 10/24/2014 including debris from flood around tank battery, gas meter damaged by flood, separator damaged by flood, ECD damaged by flood, crude oil tank damaged by flood, berms damaged by flood, water tank damaged by flood, and flare damaged by flood. All corrective actions pertaining to inspection Doc #670501892 were addressed during a follow up inspection on 1/13/2014 (Doc #673900136)</p> <p>2) INSP Doc #684904758 identified 2 corrective actions on 12/12/2017 including Unused fencing at wellhead and gas leak at wellhead. All corrective actions were addressed during the follow up inspection on 10/25/2018 (Doc #690002624)</p>

Environmental Incidents & Remediation	None	Spill or Release (Form 19)
	X	Remediation (Form 27/27A)
Spill or Release (Form 19)	N/A	
Site Investigation and Remediation Workplan (Form 27/27A)	Remediation Project #: 15995	
	Form 27 Initial Doc # & Date: 402502187 - 10/02/2020	
	Purpose: Pit or PW vessel closure	
	Notes: The DR#02-10, Peterson B10-25 facility is scheduled for decommissioning activities the week of October 5, 2020. This schedule may change due to weather or other unforeseen circumstances. Supplemental Form 27 will be submitted within 45 days.	
	Form 27 Supplemental Docs # & Date: 402559010 - 12/22/2020	
	Purpose: Closure of remediation project	
	Operator Comments: N/A	
	ECMC Comments: Based on the information presented no further action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required.	
	The surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules. For locations with active ongoing oil and gas operations, comply with Rule 1003 interim reclamation requirements and for locations that will no longer have active oil and gas operations, comply with Rule 1004 Final Reclamation requirements.	
	ECMC COAs: N/A	
	Closure Request Approved: 12/28/2020	
	Final Resolution: 12/28/2020 - BOB CHESSON	
COGIS Tank Location Information (Scout Card)	Tank Battery Name: Records not available	
	Location ID: Records not available	
	Status & Date: Records not available	
	Lat/Long: 40.408832 / -104.545124	
	Notes: Records not available	
	Form 4 Doc # & Date: Records not available Purpose: Records not available	
COGIS Well Information (Scout Card)	Well Name: DR #2-10	
	Facility ID: 244545	
	Status & Date: PA - 10/9/2020	
	Lat/Long: 40.408350 / -104.543200	
	Notes: N/A	
Form 4 Doc # & Date: N/A Purpose: N/A		



Designated Land Use Observations

Previous Land Use	Current Land Use
Reference Imagery for Infrastructure: NAIP 2013	Remotely Sensed Imagery: 7/19/2024
Designation: Oil and Gas Facility	Designation: Cropland

The following imagery sources were reviewed during this investigation:

NAIP Imagery 2013, 2023 and historical Google Earth Imagery.

Site Observation Notes

No Additional Information

Closure Information

This final reclamation completion notice is intended to close the DR-65N64W/10SWSW location which consists of the DR #2-10 (API # 05-123-12340) wellhead. This well does not share a disturbance with any other wells or tank batteries. The associated tank battery does not have its own location ID and will be tied to this DR-65N64W/10SWSW location for closure. The tank battery has been superseded by the SEYLER B/15-69HN (418894) tank battery location. All equipment has been removed and the stabilized disturbance has been fully incorporated into the SEYLER B/15-69HN (418894) tank battery disturbance.

The DR-65N64W/10SWSW location is in Weld County, Colorado ~0.36 miles west of County Road 55 ½ and ~0.09 miles north of County Road 388. There is one off location flowline associated with this well that transports crude oil to its associated tank battery. This flowline was abandoned in 2017, prior to the registration requirement effective May, 2018. At the time of abandonment, a Form 42 was submitted to notify the ECMC that flowline abandonment had been completed.

DR #2-10 was reclaimed and returned to the landowner for agricultural use in 2020. The wellhead was accessed from an unnamed access road along County Road 388 that lead to the DR-65N64W/10SWSW location.

Four inspections (Form INSP) were identified pertaining to inspection corrective actions. An inspection conducted on 10/24/2013 identified nine corrective actions including debris from flood around tank battery, gas meter damaged by flood, separator damaged by flood, ECD damaged by flood, crude oil tank damaged by flood, berms damaged by flood, water tank damaged by flood, and flare damaged by flood. All corrective actions pertaining to inspection Doc #670501892 were addressed during a follow up inspection on 1/13/2014. Two corrective actions on 12/12/2017 including Unused fencing at wellhead and gas leak at wellhead. All corrective actions were addressed during the follow up inspection on 10/25/2018.

One remediation workplan (Form 27) was identified. on 10/02/2020 a Form 27-I was submitted for the closure of a pit or PW vessel. A Form 27-S was submitted on 12/22/2020 to close the remediation project. This remediation project was closed on 12/28/2020 by Bob Chesson.

There were no spill/incidents (Form 19) identified during our records review.



Drone imagery confirms that no equipment was left on site at this location after reclamation activities occurred.

Summary Acreage Table

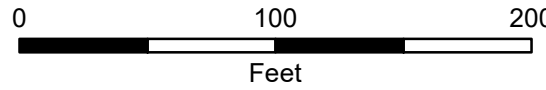
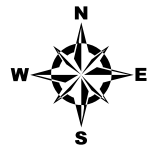
Description	Acres
Historic Disturbance Extent	0.65
Access Road	0.31
Flowline	Not Included
Tank Battery	Not Included
Well Pad	0.34

Pre-Plugging Active Operations Location Overview



PDC Form 4 Final Reclamation - Pre Plugging Overview

DR-65N64W/10SWSW

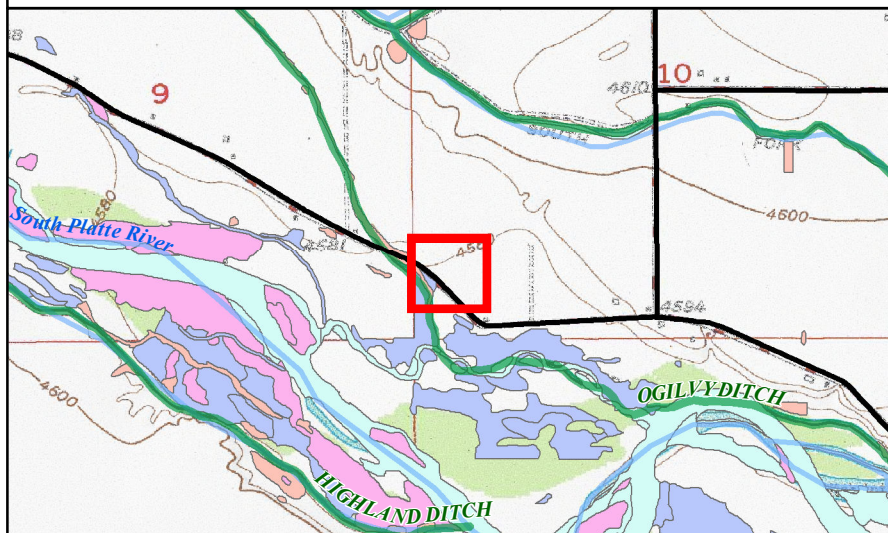


Editor: EJanak
File: PDC_Drone_Rec_PrePlugging_DDP

Prepared by:
Scale: 1:900
Date: 9/19/2024

- Well Head
- Former Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned
- Major Road

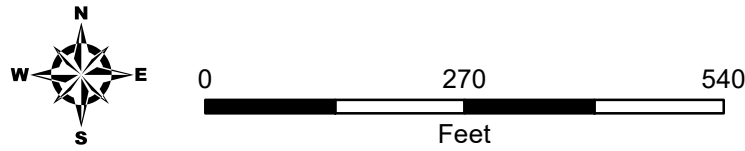
NAIP 2013 Imagery





PDC Form 4 Final Reclamation - Pre Plugging Overview

DR-65N64W/10SWSW

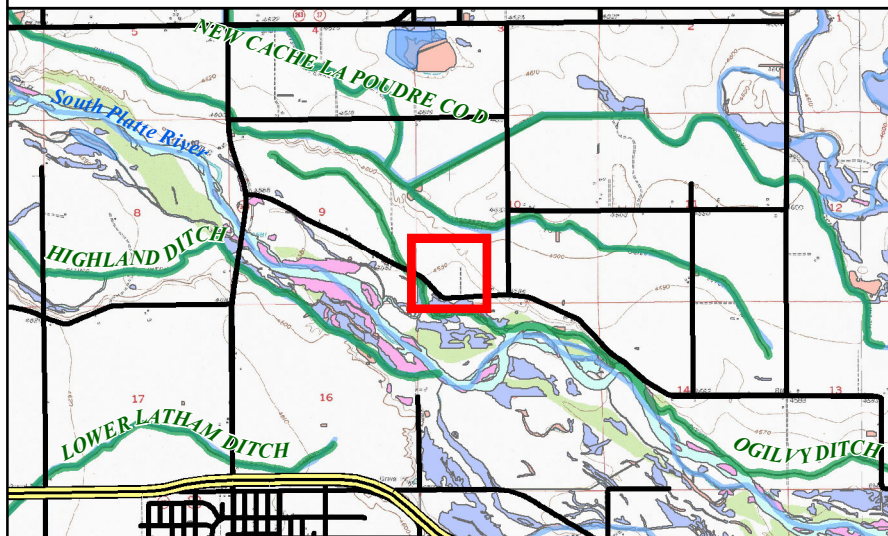


Editor: EJanak
File: PDC_Drone_Rec_PrePlugging_DDP

Scale: 1:2,400
Date: 9/19/2024

- Well Head
- Former Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned
- Major Road

NAIP 2013 Imagery

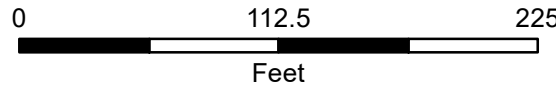
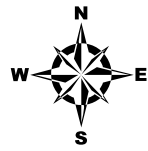


Post-Plugging and Abandonment Location Overview



PDC Form 4 Final Reclamation - Post Plugging Overview

DR-65N64W/10SWSW

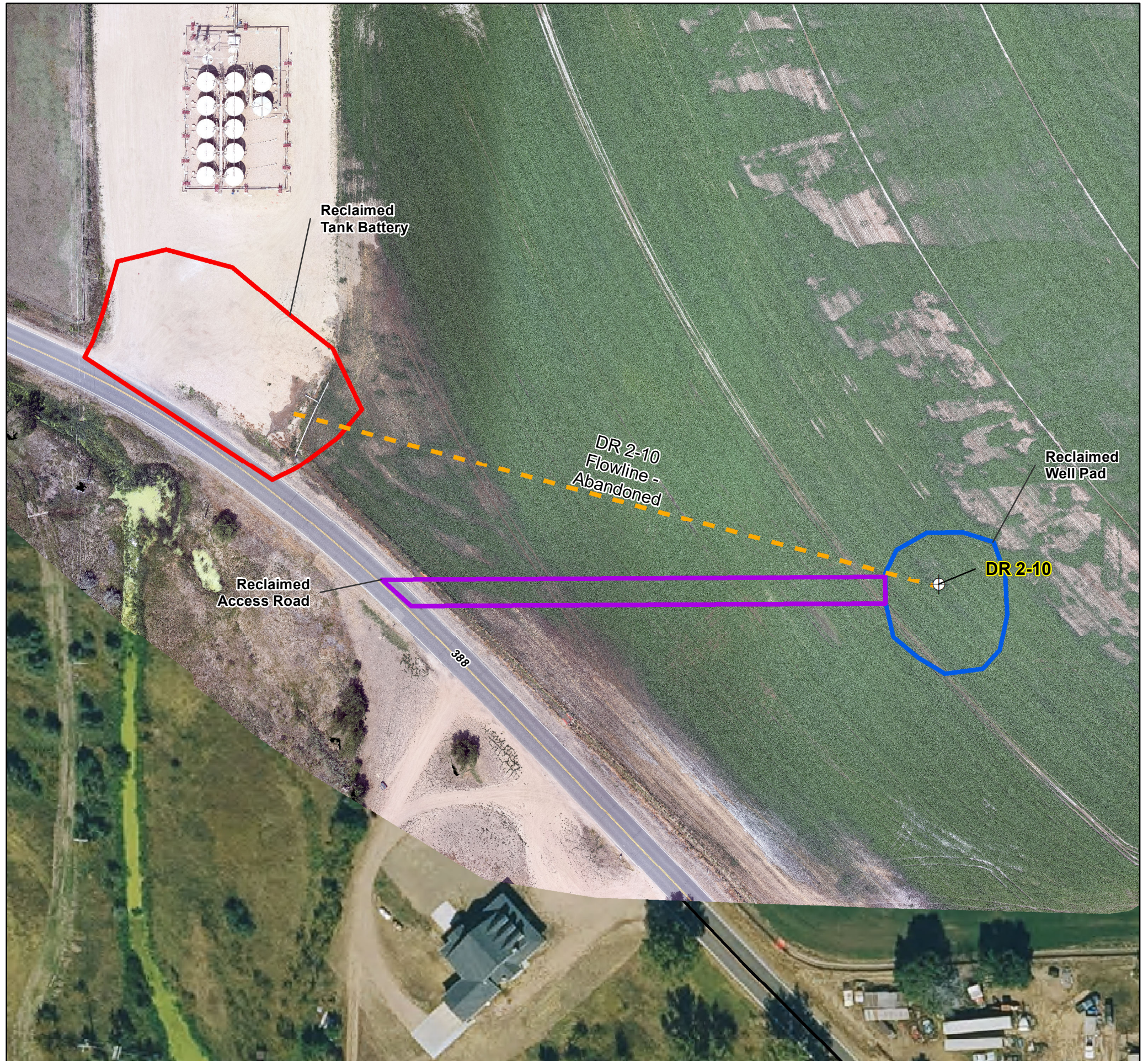
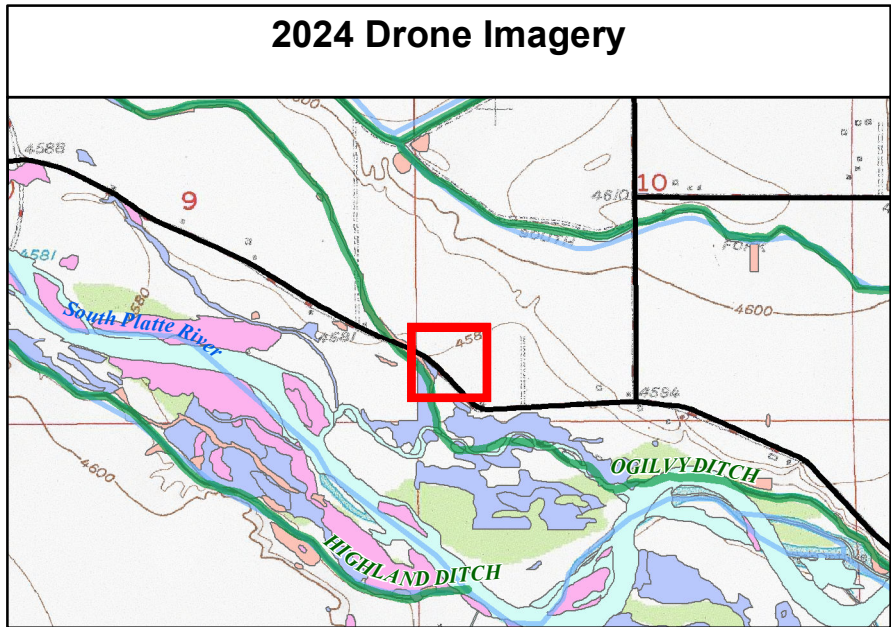


Prepared by:
Scale: 1:1,000
Date: 9/19/2024

Editor: EJanak
File: PDC_Drone_Rec_PostPlugging_DDP

- Well Head
- Reclaimed Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned
- Major Road

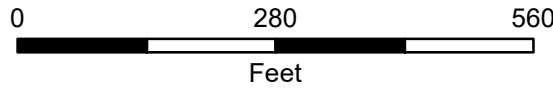
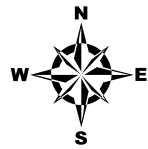
2024 Drone Imagery





PDC Form 4 Final Reclamation - Post Plugging Overview

DR-65N64W/10SSW

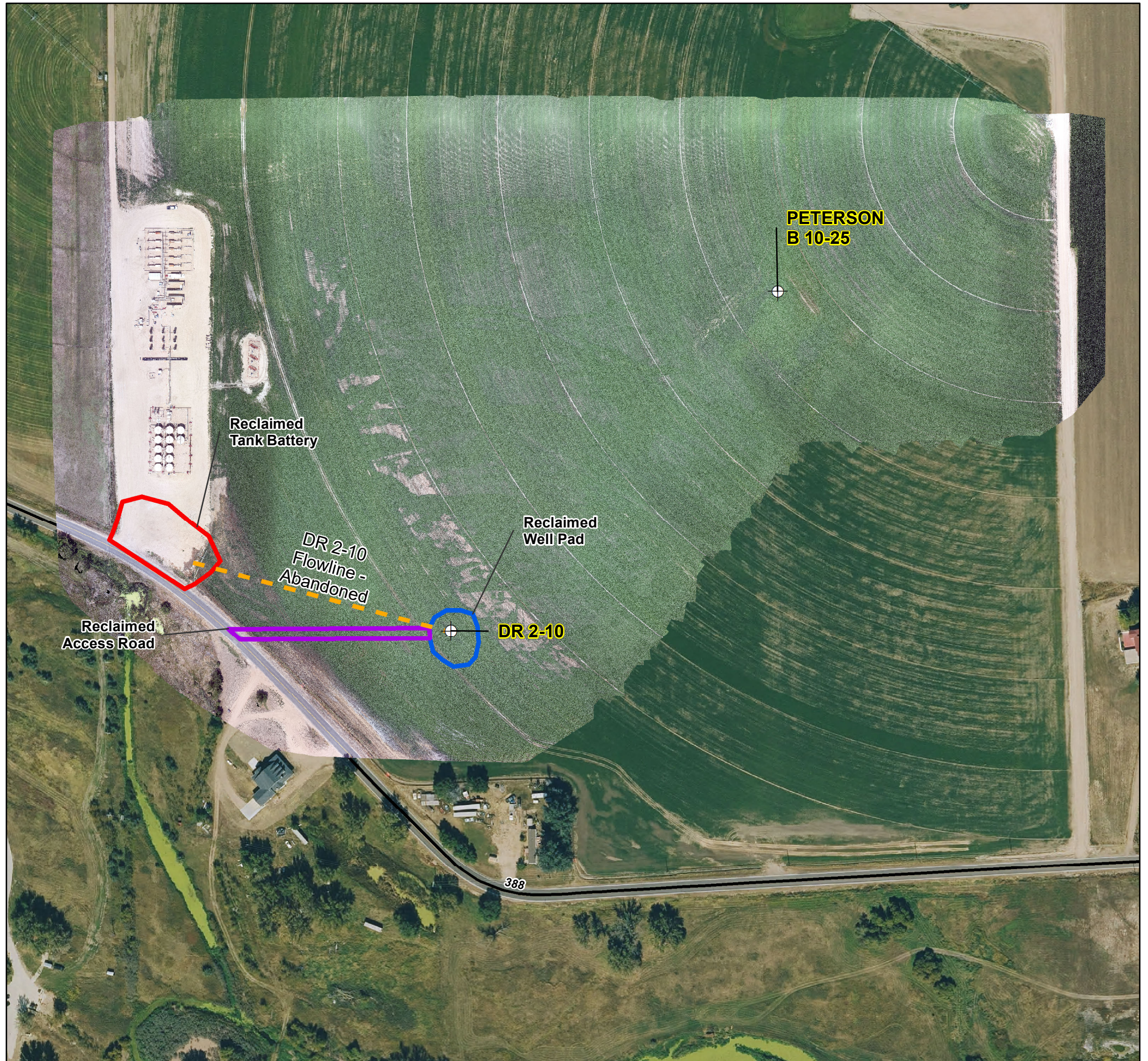
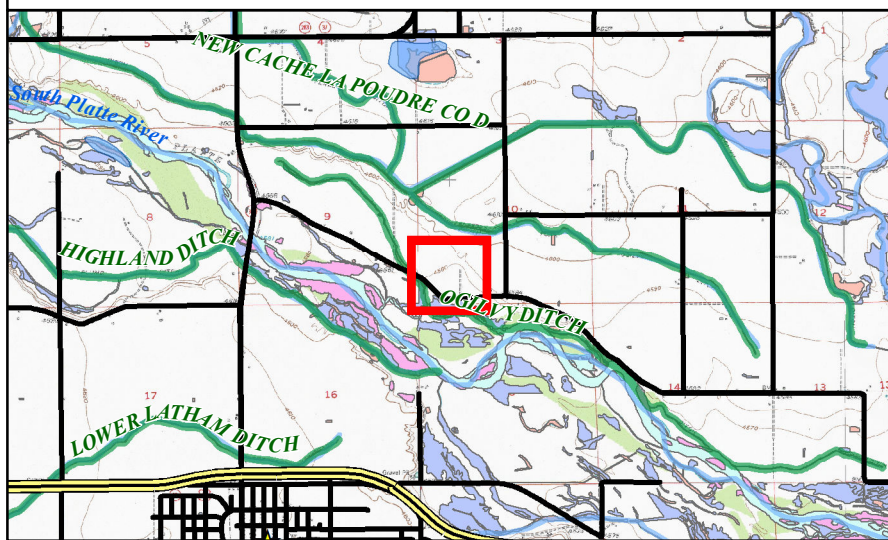


Editor: EJanak
File: PDC_Drone_Rec_PostPlugging_DDP

Prepared by:
Scale: 1:2,500
Date: 9/19/2024

- Well Head
- Reclaimed Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned
- Major Road

2024 Drone Imagery



Cardinal Direction Drone Photos of the Reclaimed Area

Photo Dates:

7/19/2024

Drone Photo Height:

100'

North of Disturbance Facing South

Lat/Long: 40.40863361 / -10454293456



South of Disturbance Facing North
Lat/Long: 40.40785247 / -104.54303533



West of Disturbance Facing East
Lat/Long: 40.40829122 / -104.54400300



East of Disturbance Facing West
Lat/Long: 40.40822428 / -104.54237358



Cardinal Direction Drone Photos of the Reference Area

Photo Dates:

7/19/2024

Drone Photo Height:

100'

Reference Area North of the Reclaimed Area

Lat/Long: 40.40863361 / -104.54293456



Reference Area South of the Reclaimed Area
Lat/Long: 40.40776558 / -104.54309806



Reference Area West of the Reclaimed Area
Lat/Long: 40.40829747 / -104.54282058



Reference Area East of the Reclaimed Area
Lat/Long: 40.40822567 / -104.54236478



Reference Photo for Cropland Growth Stage

Cropland Reference Photo (Alfalfa)
Lat/Long: 40.40822494 / -104.54237050

