

Location Checklist



Operator / #	PDC Energy - 69175			
Name / Location ID	MOSSBERG UP-65N66W/31NWN - 323763			
County	Weld			
Well Information	Well Name: MOSSBERG UP #2-31			
	Well API #: 05-123-13490			
	Lat/Long As Drilled: 40.361264 / -104.820506			
	Plug date & Form 6S Doc. #: 4/1/2021 - 402699178			
Facility Entities		Tank Battery		Pits
	X	Wells		On-Location Flowlines (Form 42): Doc. #
		Domestic Taps	X	Off-Location Flowlines (Form 44): Doc. #402943386
Equipment on Site		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	X	No		Yes
Sundry Notice (Form 4)	No sundry notice pertaining to series 900-1200 rules was identified.			
Drone Information	Make & Model: DJI Air 2s			
	Image Processing Software: Raw Imagery			
	Pilot Name & FAA Certificate #: Cody DeVries - 4222302			
	Date of FAA Certificate Issuance: 2/5/2019			



Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

Permit Closure Report – Cropland

Location ID: 323763

Location Name: MOSSBERG UP-65N66W/31NWN

Report Date:

7/8/2024

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 2023 – Alfalfa

Crop 2022 – Alfalfa

Inspection:

Performed by	Confluence Compliance
Date	6/29/2023

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

Location Summary



Name:	MOSSBERG UP-65N66W/31NWNE		
Type	Wellhead		
Location ID	323763		
Operator / #	PDC Energy / 69175		
Field	Wattenberg		
County, State	Weld, Colorado		
Lat/Long	40.361264 / -104.820506		
	Planned Location	X	As Drilled
Location	NWNE 31 5N66W 6		
Facility Status - Date	PA - 4/1/2021		
Facility Entities		Tank Battery	Pits
	X	Wells	X Off-Location Flowlines (Form 44)
		Domestic Taps	On-Location Flowlines (Form 42)
		Electric Utilities	
Equipment on Site	X	No	Yes
	If yes, list:		
	Pit mouse/rat holes, cellars backfilled		
Access Road	X	Regraded	X Contoured
		Culverts Removed	Gravel Removed
	Pre-Existing (Must provide supporting documentation):		
Variance Requests	N/A		
Sundry Notice (Form 4)	N/A		
On Location Flowlines (Form 42)	N/A		
Off-Location Flowlines (Form 44)	Form 44 Doc # & Date: 402943386 - 02/01/2022 Purpose: FLOWLINE SYSTEM ABANDONMENT VERIFICATION Abandonment Date: 10/08/2020 ECMC Approval Date & Signee: 2/26/2024 - Director of COGCC Operator Comments: N/A Flowline Facility Information ECMC Flowline ID: 479253 Operator Flowline ID: PDC Flowline System Status & Date: AC - 6/21/2024 Flowline Type: Wellhead line Type of Fluids Transported: Produced Fluids Start Point Location ID: 323763 Start Point Riser Lat/Long: 40.361264 / -104.820506 Equipment at Start Point: Wellhead End Point Location ID: 472391 End Point Riser Lat/Long: 40.361077 / -104.821885 Equipment at End Point: Separator		
Field Inspection Form (Form INSP)	N/A		
Inspection Corrective Actions (CAs)	No Corrective Actions detected		
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 #: 17043
	Form 27 Initial Doc # & Date: 402615672 - 03/03/2021
	Purpose: Wellhead Closure and Flowline Removal
	Notes: This Form 27 serves as notification for the abandonment of the Mossberg UP 2-31 wellhead and removal of the associated flowline. Abandonment activities are planned to begin the week of March 15, 2021. This schedule may be adjusted due to unforeseen circumstances, delays, and/or changes in weather.
	Form 27 Supplemental Docs # & Date: 402990572 - 03/30/2022
	Purpose: Decommissioning of Oil and Gas Facilities.
	Operator Comments: Based on results collected during the supplemental site investigation conducted on November 1, 2022, at the former Mossberg UP 2-31 wellhead location, PDC is requesting a No Further Action (NFA) determination for this location.
	ECMC Comments: N/A
	ECMC COAs: Based on the information presented, it appears that no further remedial 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.
	This no further action determination is limited to environmental remediation. Operator is required to comply with COGCC 1100 Series Rules for Flowline Regulations for all Flowline Abandonment activities and COGCC 400 Series Rules for Wellhead Plugging and Abandonment.
	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.
	Closure Request Approved: 04/11/2022
	Final Resolution: 04/11/2022 - Candice (Nikki) Graber
COGIS Tank Location Information (Scout Card)	Tank Battery Name: Mossberg/UP 2, 7-31
	Location ID: 472391
	Status & Date: AC - 2/27/2020
	Lat/Long: 40.361077 / -104.821885
	Notes: N/A
	Form 4 Doc # & Date: N/A
COGIS Well Information (Scout Card)	Purpose: N/A
	Well Name: MOSSBERG UP #2-31
	Facility ID: 245695
	Status & Date: PA - 4/1/2021
	Lat/Long: 40.361264 / -104.820506
	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: 6/29/2023
Designation: Oil and Gas Facility	Designation: Cropland

The following imagery sources were reviewed during this investigation:

NAIP Imagery 2013 and 2023

Site Observation Notes

No Additional Information

Closure Information

This final reclamation completion notice is intended to close the GREEN-67N65W/24SEW location which consists of the MOSSBERG UP #2-31 (API # 05-123- 13490) well head, which does not share a disturbance with any other wells or tank batteries. The associated tank battery has its own location ID (472391) which will remain open until final reclamation has been achieved.

The MOSSBERG UP-65N66W/31NWN location is in Weld County, Colorado west of 83rd Ave and north of an unnamed agricultural access road. There is one off location flowline associated with this well that transports produced fluids to its associated tank battery, this flowline was removed in 2020.

MOSSBERG UP #2-31 was reclaimed and returned to the landowner for agricultural use in 2021. The wellhead was accessed from an unnamed access road at the intersection of 83rd Ave and 49th St that lead to the MOSSBERG UP-65N66W/31NWN location.

A Remediation Workplan (Form 27-I) was documented on 03/03/2021 for Well head closure and flowline removal. On 03/30/2022 a Form 27-S (Doc. #402990572) was filed. This remediation workplan was closed by Candice (Nikki) Graber on 04/11/2022.

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



Summary Acreage Table

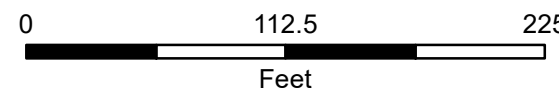
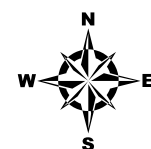
Description	Acres
Historic Disturbance Extent	0.76
Access Road	0.13
Flowline	Not Included
Tank Battery	Not Included
Well Pad	0.63

Pre-Plugging Active Operations Location Overview



PDC Form 4 Final Reclamation - Pre Plugging Overview

MOSSBERG UP #2-31



Prepared by:



Editor: EJanak

File: PDC_Drone_Rec_PrePlugging_DDP

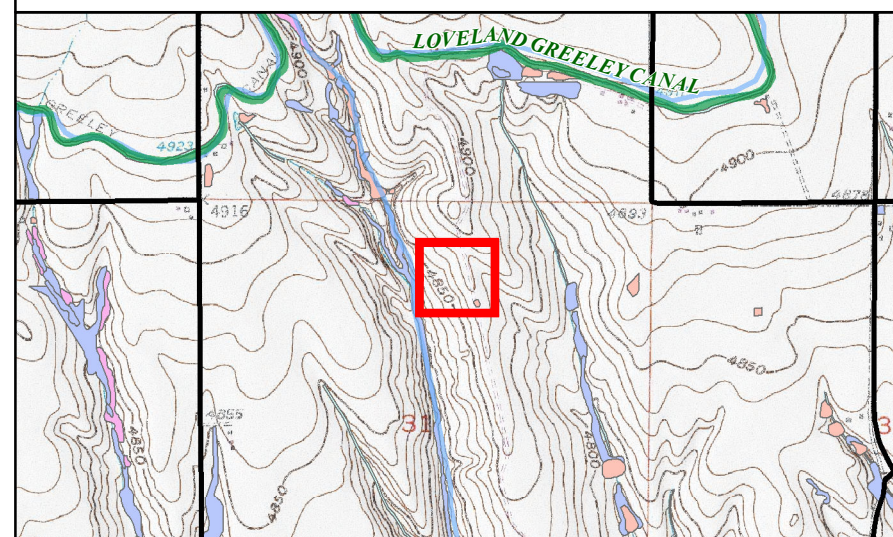
Scale: 1:1,000

Date: 7/8/2024

⊕ Well Head

- ▬ Former Tank Battery Berm
- ▬ Reclaimed Well Pad Disturbance
- ▬ Reclaimed Access Road Disturbance
- - - Flowline - Removed

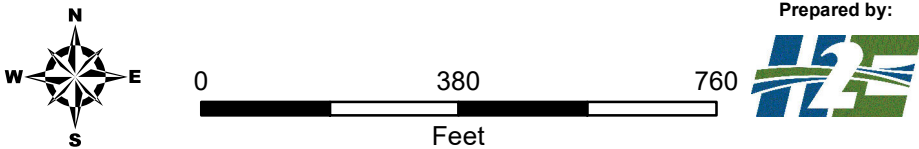
NAIP 2013 Imagery





PDC Form 4 Final Reclamation - Pre Plugging Overview

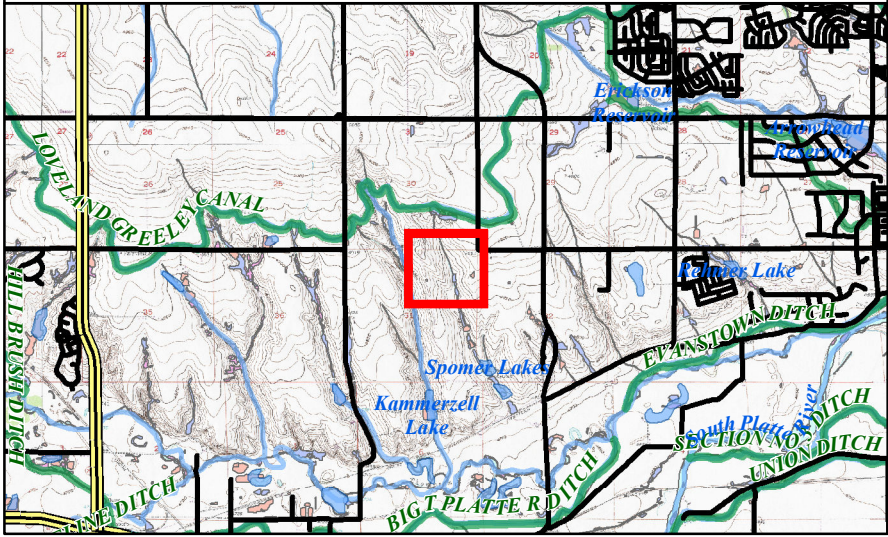
MOSSBERG UP #2-31



Editor: EJanak
File: PDC_Drone_Rec_PrePlugging_DDP
Scale: 1:3,400
Date: 7/8/2024

- Well Head
- Former Tank Battery Berm
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Removed

NAIP 2013 Imagery



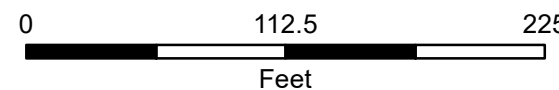
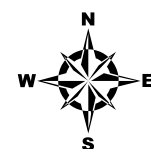
Post-Plugging and Abandonment Location Overview



PDC Form 4 Final Reclamation - Post Plugging Overview

MOSSBERG UP #2-31

Prepared by:



Editor: EJanak

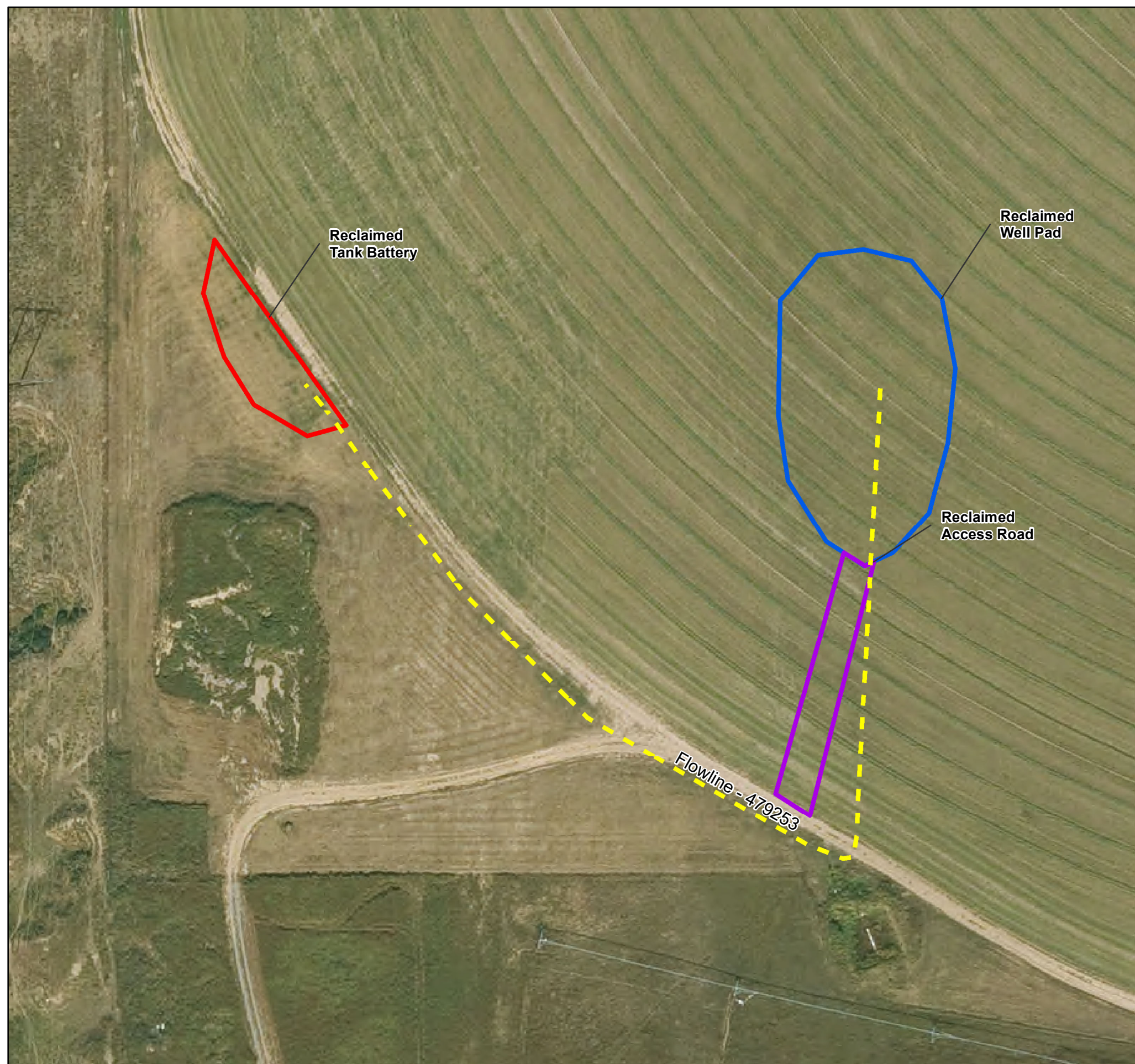
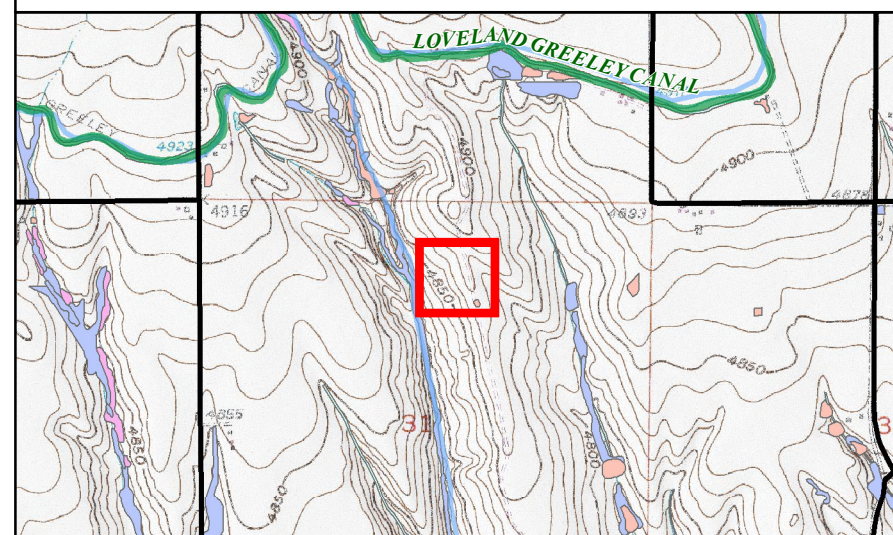
File: PDC_Drone_Rec_PostPlugging_DDP

Scale: 1:1,000
Date: 7/8/2024

⊕ Well Head

- ▬ Reclaimed Tank Battery Disturbance
- ▬ Reclaimed Well Pad Disturbance
- ▬ Reclaimed Access Road Disturbance
- - - Flowline - Removed

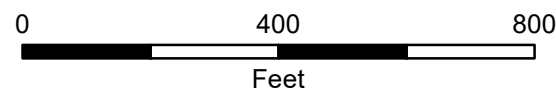
NAIP 2023 Imagery





PDC Form 4 Final Reclamation - Post Plugging Overview

MOSSBERG UP #2-31



Prepared by:



Editor: EJanak

File: PDC_Drone_Rec_PostPlugging_DDP

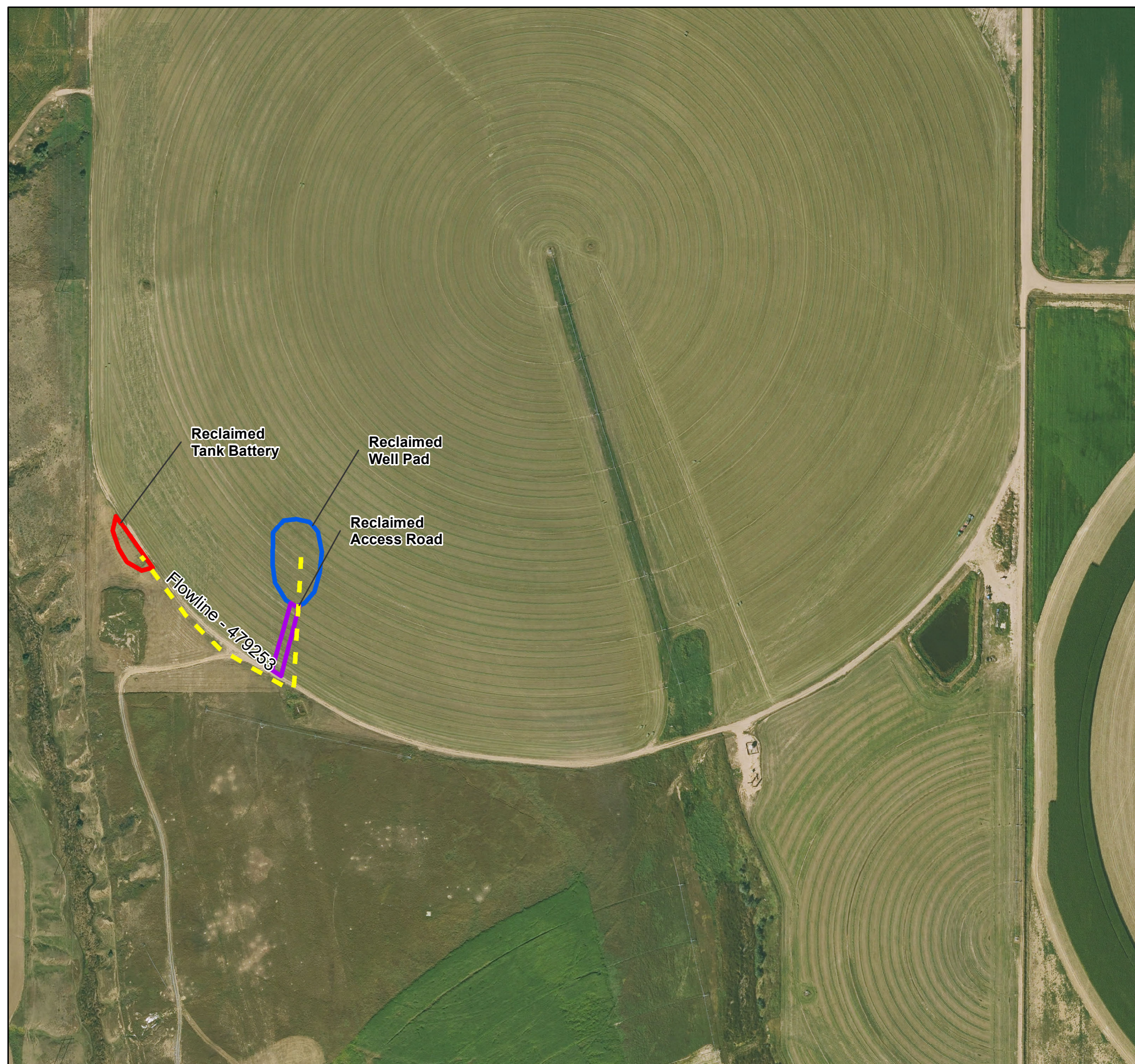
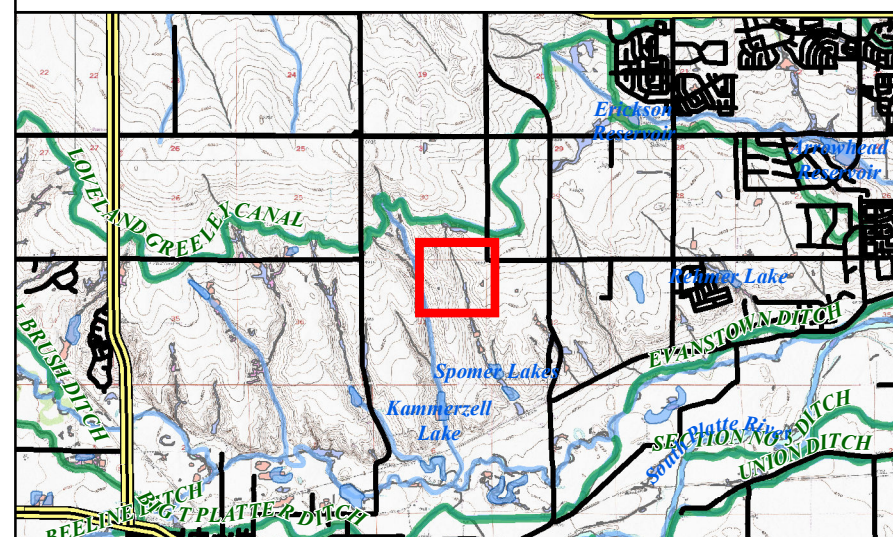
Scale: 1:3,600

Date: 7/8/2024

⊕ Well Head

- ▬ Reclaimed Tank Battery Disturbance
- ▬ Reclaimed Well Pad Disturbance
- ▬ Reclaimed Access Road Disturbance
- ▬ Flowline - Removed

NAIP 2023 Imagery



Post Plugging overview of Bailey 34-2 Well Head
Lat/Long: 40.36128903 / -104.82047542
Flight Height: 375'



Cardinal Direction Drone Photos of the Reclaimed Area

Photo Dates:

6/29/2023

Drone Photo Height:

85'

North of Disturbance Facing South
Lat/Long: 40.36148403 / -104.82047811



South of Disturbance Facing North
Lat/Long: 40.36099317 / -104.82046664



West of Disturbance Facing East
Lat/Long: 40.35402106 / -104.53829872



East of Disturbance Facing West
Lat/Long: 40.36126436 / -104.82015358



Access Road Reclamation Photo

Photo Dates:

6/29/2023

Drone Photo Height:

85'

Access Road Entrance Facing Disturbance
Lat/Long: 40.36015867 / -104.82044061



Access Road End Facing Entrance

Lat/Long: 40.35386092 / -104.53776808



Cardinal Direction Drone Photos of the Reference Area

Photo Dates:

6/29/2023

Drone Photo Height:

85'

Reference Area North of the Reclaimed Area
Lat/Long: 40.36147594 / -104.82018103



Reference Area South of the Reclaimed Area
Lat/Long: 40.36101758 / -104.82081392



Reference Area West of the Reclaimed Area
Lat/Long: 40.36146742 / -104.82082150



Reference Area East of the Reclaimed Area
Lat/Long: 40.36102353 / -104.82015989



Reference Photo for Cropland Growth Stage

Cropland Reference Photo (Alfalfa)
Lat/Long: 40.36111233 / -104.82049558

