

Location Checklist



Operator / #	PDC ENERGY INC / 69175			
Name / Location ID	PHEASANT #18-14 / 332036			
County	WELD			
Well Information	Well Name: PHEASANT #18-14			
	Well API #: 05-123-21746			
	Lat/Long As Drilled: 40.316240 / -104.863130			
	Plug date & Form 6S Doc. #: 12/16/2021 & 402909739			
Facility Entities		Tank Battery		Pits
	X	Wells		On-Location Flowlines (Form 42): Doc. #
		Domestic Taps	X	Off-Location Flowlines (Form 44): Doc. #402999486
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	X	No		Yes
Sundry Notice (Form 4)	Form 4 Doc. # & Date: No Form 4 Sundry notice pertaining to series 900-1200 rules were identified.			
Drone Information	Make & Model: DJI Mavic Air 2			
	Image Processing Software: Raw			
	Pilot Name & FAA Certificate #: 4819123			
	Date of FAA Certificate Issuance: 4/14/2023			



Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

Permit Closure Report – Cropland

Location ID: 332036

Location Name: PHEASANT #18-14

Report Date:

6/17/2024

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 – Corn

Crop 2022 – Corn

Inspection:

Performed by	Confluence Compliance
Date	7/25/2023

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

Location Summary



Name:	PHEASANT #18-14		
Type	Well		
Location ID	332036		
Operator / #	PDC ENERGY INC / 69175		
Field	WATTENBERG		
County, State	WELD, CO		
Lat/Long	40.316240 / -104.863130		
	<input type="checkbox"/> Planned Location	<input checked="" type="checkbox"/> X	<input type="checkbox"/> As Drilled
Location	NWNW 14 4N67W 6		
Facility Status - Date	PA - 12/16/2021		
Facility Entities	<input type="checkbox"/>	Tank Battery	<input type="checkbox"/> Pits
	<input checked="" type="checkbox"/> X	Wells	<input checked="" type="checkbox"/> X Off-Location Flowlines (Form 44)
	<input type="checkbox"/>	Domestic Taps	<input type="checkbox"/> On-Location Flowlines (Form 42)
	<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	No variances requested		
Sundry Notice (Form 4)	No Form 4's on record		
On Location Flowlines (Form 42)	NA		
Off-Location Flowlines (Form 44)	Form 44 Doc # & Date: 402999486 & 03/30/2022		
	Purpose: FLOWLINE SYSTEM ABANDONMENT VERIFICATION		
	Abandonment Date: 12/31/2021		
	ECMC Approval Date & Signee: 3/22/2023 Director of COGCC		
	Operator Comments:		
	Flowline Facility Information		
	ECMC Flowline ID: 479253		
	Operator Flowline ID: NA		
	Status & Date: NA		
	Flowline Type: Wellhead line		
	Type of Fluids Transported: Produced Fluids		
	Start Point Location ID: 332036		
	Start Point Riser Lat/Long: 40.316240 / -104.863130		
	Equipment at Start Point: Wellhead		
End Point Location ID: 460777			
End Point Riser Lat/Long: 40.319125, -104.866197			
Equipment at End Point: Separator			
Field Inspection Form (Form INSP)	Form INSP Doc # & Date: 697004834 & 11/12/2021		
	Status Summary: NO FOLLOW UP INSPECTION REQUIRED		
	Inspected Facilities: Well		
	Inspection Status: WK		
	Inspection Date & Inspector: 11/12/2021 Peterson, Tom		
Comments:			
Inspection Corrective Actions (CAs)	No Corrective Actions		
Environmental Incidents & Remediation	<input type="checkbox"/>	None	<input type="checkbox"/> Spill or Release (Form 19)
	<input checked="" type="checkbox"/> X	Remediation (Form 27/27A)	
Spill or Release (Form 19)	Spill/Release Facility ID: NA		

Site Investigation and Remediation Workplan (Form 27/27A)	Remediation Project #: 20796
	Form 27 Initial Doc # & Date: 402919729 & 03/31/2022
	Purpose: Rule 913.c.(9): Decommissioning of Oil and Gas Facilities.
	Notes: Following wellhead and flowline abandonment activities, the location was backfilled, compacted, and re-contoured to match pre-existing conditions. The location will be reclaimed in accordance with the COGCC 1000 series.
	Form 27 Supplemental Docs # & Date: 402861791 & 11/11/2021
	Purpose: Rule 913.c.(9): Decommissioning of Oil and Gas Facilities.
	Operator Comments: This Form 27 serves as notification for the abandonment of the Pheasant 18-14 wellhead and removal of the associated flowline. Abandonment activities are planned to begin the week of November 29, 2021. This schedule may be adjusted due to unforeseen circumstances, delays, and/or changes in weather.
	ECMC Comments:
	ECMC COAs: No COA's
	Closure Request Approved: Karen Olson 11/11/2021
Final Resolution: 11/11/2021	
COGIS Tank Facilities Information (Scout Card)	Tank Battery Name: KNAUB-BETZ-64N67W/14NWNW
	Facility ID: No fac ID. Location ID is 460777
	Status & Date: AC - 1/29/2019
	Lat/Long: 40.319120 / -104.866160
	Notes:
	Form 4 Doc # & Date: None Purpose: NA
COGIS Well Information (Scout Card)	Well Name: PHEASANT #18-14
	Facility ID: 269819
	Status & Date: PA - 12/16/2021
	Lat/Long: 40.316240 / -104.863130
	Notes:
	Form 4 Doc # & Date: None Purpose:



Designated Land Use Observations

Previous Land Use	Current Land Use
Reference Imagery for Infrastructure: NAIP 2016	Raw Drone Imagery: 7/25/2023
Designation: Oil and Gas Facility	Designation: Cropland

The following imagery sources were reviewed during this investigation:

NAIP Imagery 2016, 2023, and historic Google Earth imagery.

Site Observation Notes

No Additional Information

Closure Information

This final reclamation completion notice is to close out the PHEASANT #18-14 location which consists of the PHEASANT #18-14 well (API # 05-123-21746). The associated KNAUB-BETZ 1-14 (API #05-123-13174) will remain open and tied to the KNAUB-BETZ-64N67W/14NWNW Tank Battery (323544) until both the well and tank battery disturbances meet the final reclamation standard.

The PHEASANT #18-14 location is in Weld County, Colorado near the intersection of Inez Blvd and County Road 21. There is one off-location flowline between each wellhead and the KNAUB-BETZ-64N67W/14NWNW Tank Battery registered and abandoned under the PDC Flowline System (479253).

The location was closed and reclaimed in 2021. The wellhead was accessed from multiple access points due to the evolving irrigation practices within the field. Early imagery shows the access road to be a two-track path from the property directly north of the well. Later imagery shows the well access from S Irene Ave to the east and from the unnamed agricultural service road to the west. All access roads that were not preexisting have been reclaimed alongside the well disturbance.

There are six inspections on file for the well and its associated tank battery, one from 2019 has a corrective action calling for the removal of leftover signage from a removed produced water tank. The corrective action was addressed prior to the follow up inspection.

A Remediation Workplan (Form 27-I) was documented on 11/11/2021 for the Decommissioning of Oil and Gas Facilities per Rule 913.c.(9) for the wellhead. On 03/31/2022 the Form 27-S (Doc. #402919729) was filed. In this report PDC requests that the COGCC grant closure status for Remediation Project #20796 after receiving positive feedback from lab results and field observations. The remediation project was closed on 04/11/2022 by Candice (Nikki) Graber

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	2.57
Access Road	2.0
Flowline	0.51
Tank Battery	Not Included
Well Pad	0.06

Pre-Plugging Active Operations Location Overview



PDC Form 4 Final Reclamation - Pre Plugging Overview

Pheasant 18-14

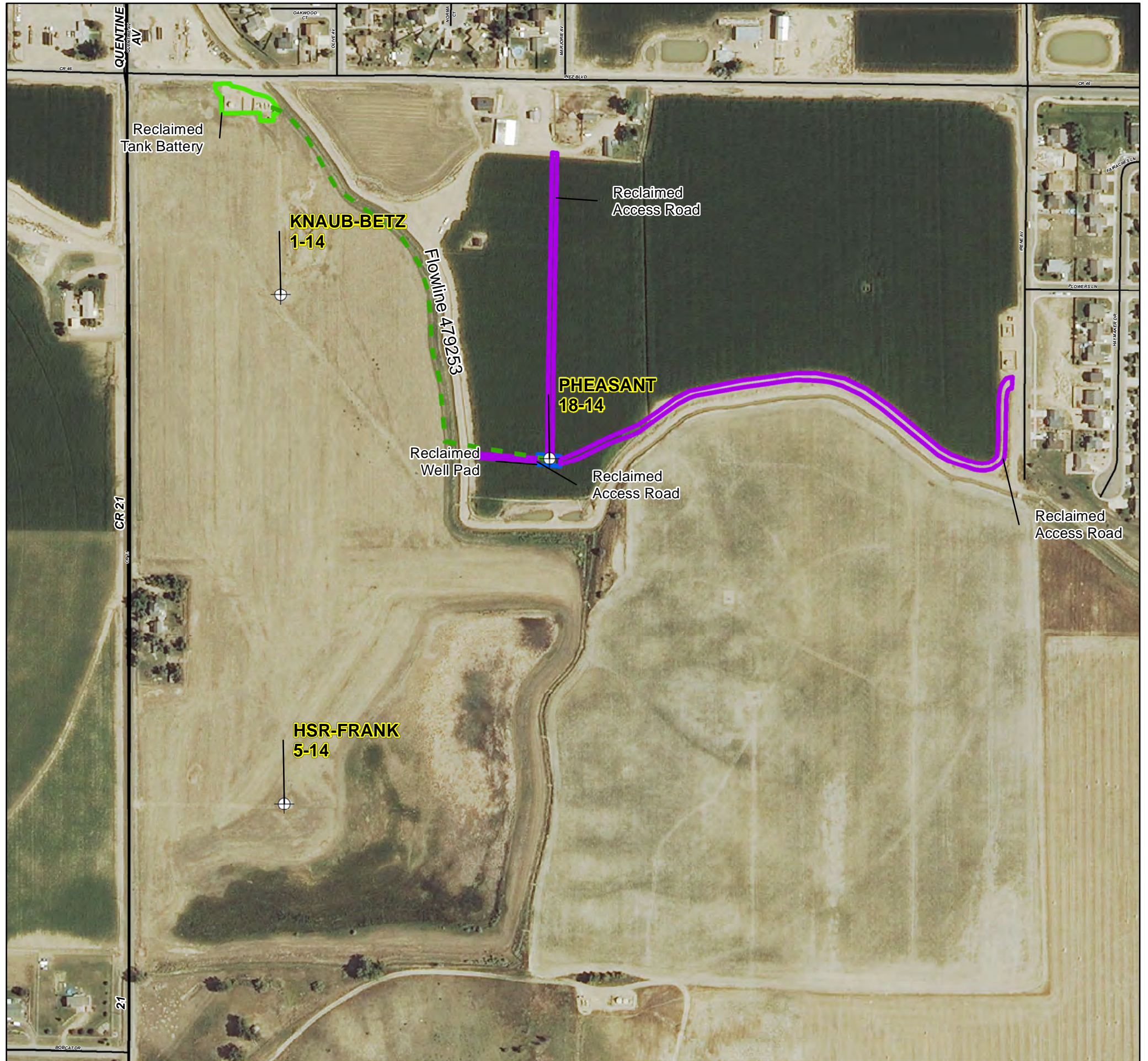
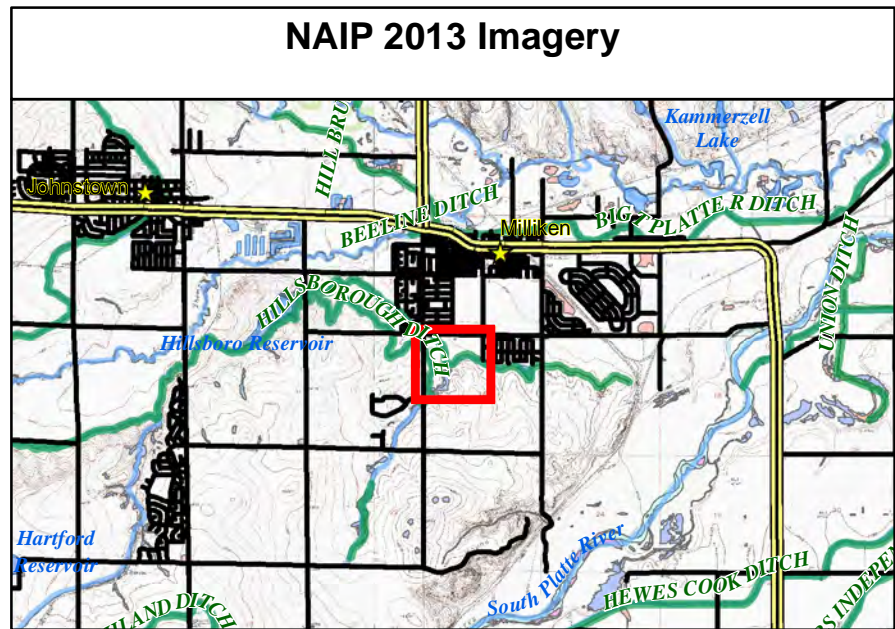


Editor: CDenison
File: PDC_Drone_Rec_DDP

Scale: 1:3,800
Date: 6/13/2024

- Well Head
- Reclaimed Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Removed
- Major Road
- Weld Local

NAIP 2013 Imagery





PDC Form 4 Final Reclamation - Pre Plugging Overview

Pheasant 18-14

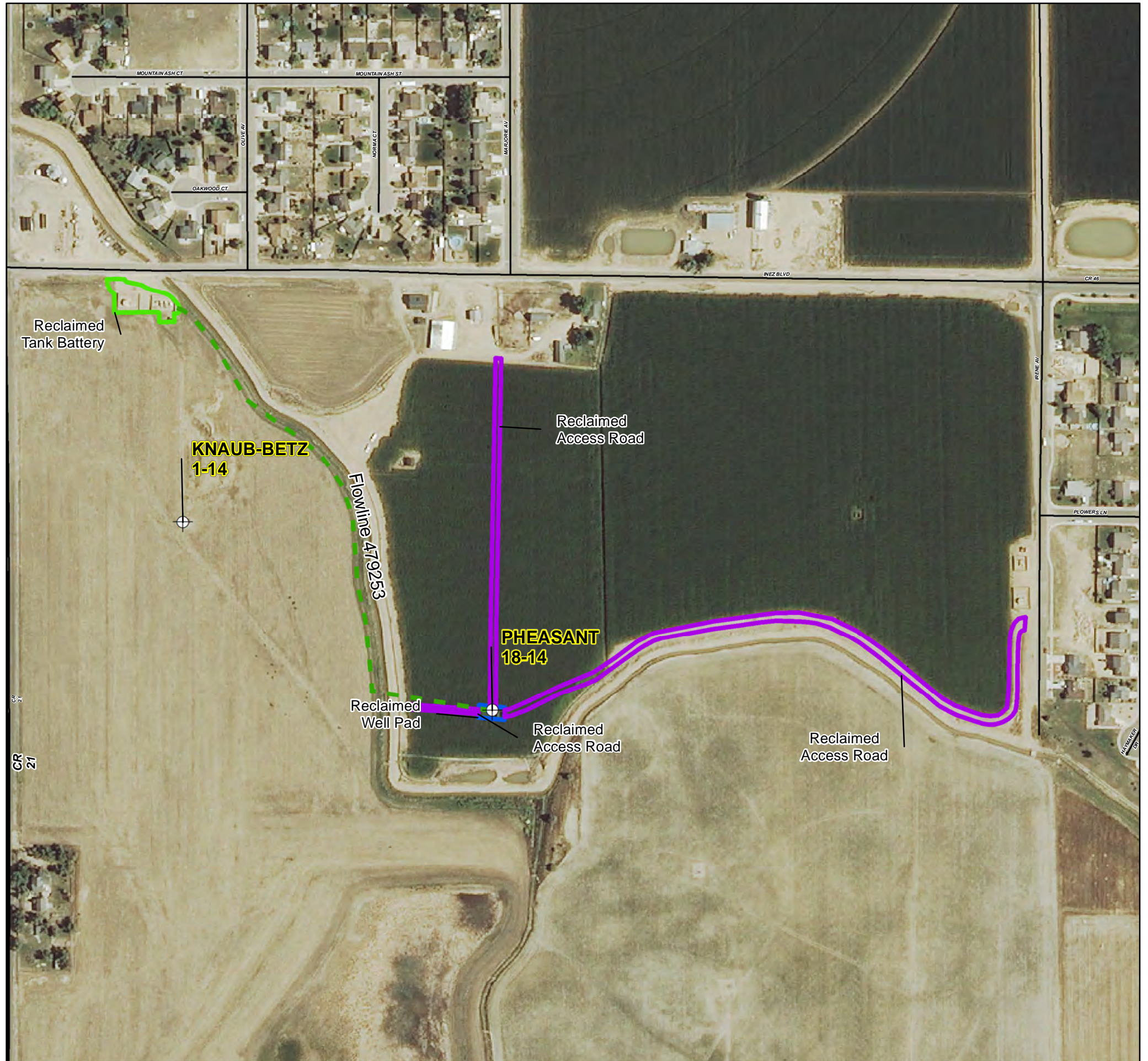
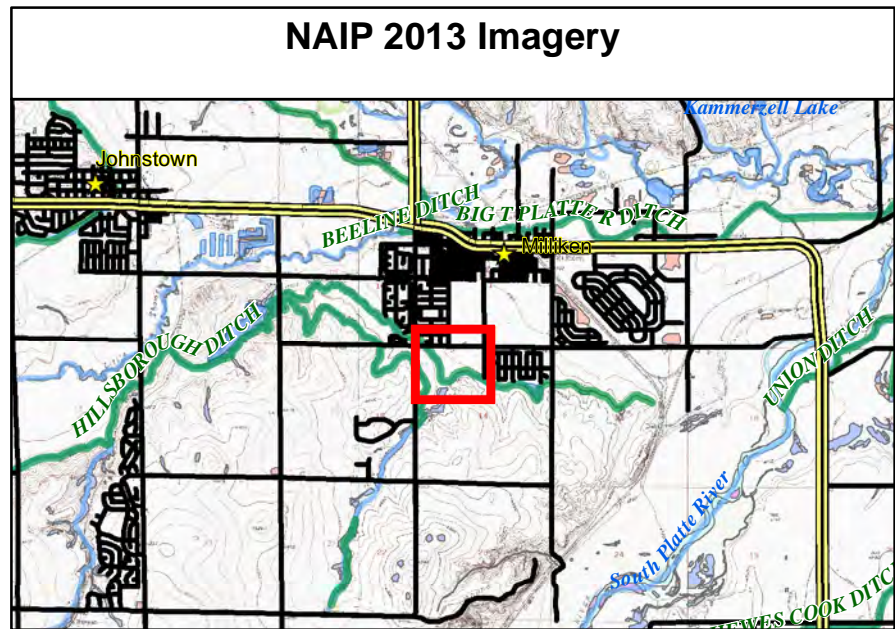


Editor: CDenison
File: PDC_Drone_Rec_DDP

Scale: 1:3,300
Date: 6/13/2024

- Well Head
- Reclaimed Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Removed
- Major Road
- Weld Local

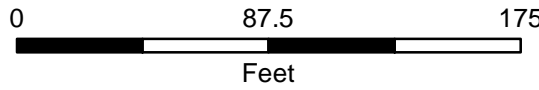
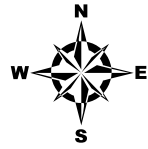
NAIP 2013 Imagery





PDC Form 4 Final Reclamation - Pre Plugging Overview

Pheasant 18-14

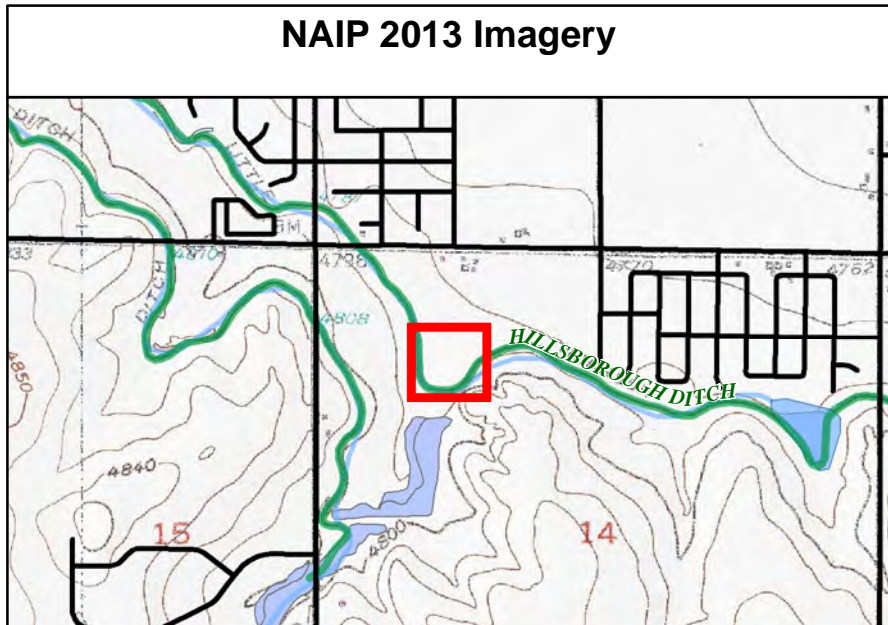


Editor: CDenison
File: PDC_Drone_Rec_DDP

Prepared by:
Scale: 1:800
Date: 6/13/2024

- Well Head
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Removed

NAIP 2013 Imagery

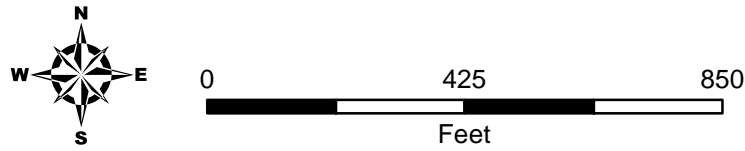


Post-Plugging and Abandonment Location Overview



PDC Form 4 Final Reclamation - Post Plugging Overview

Pheasant 18-14

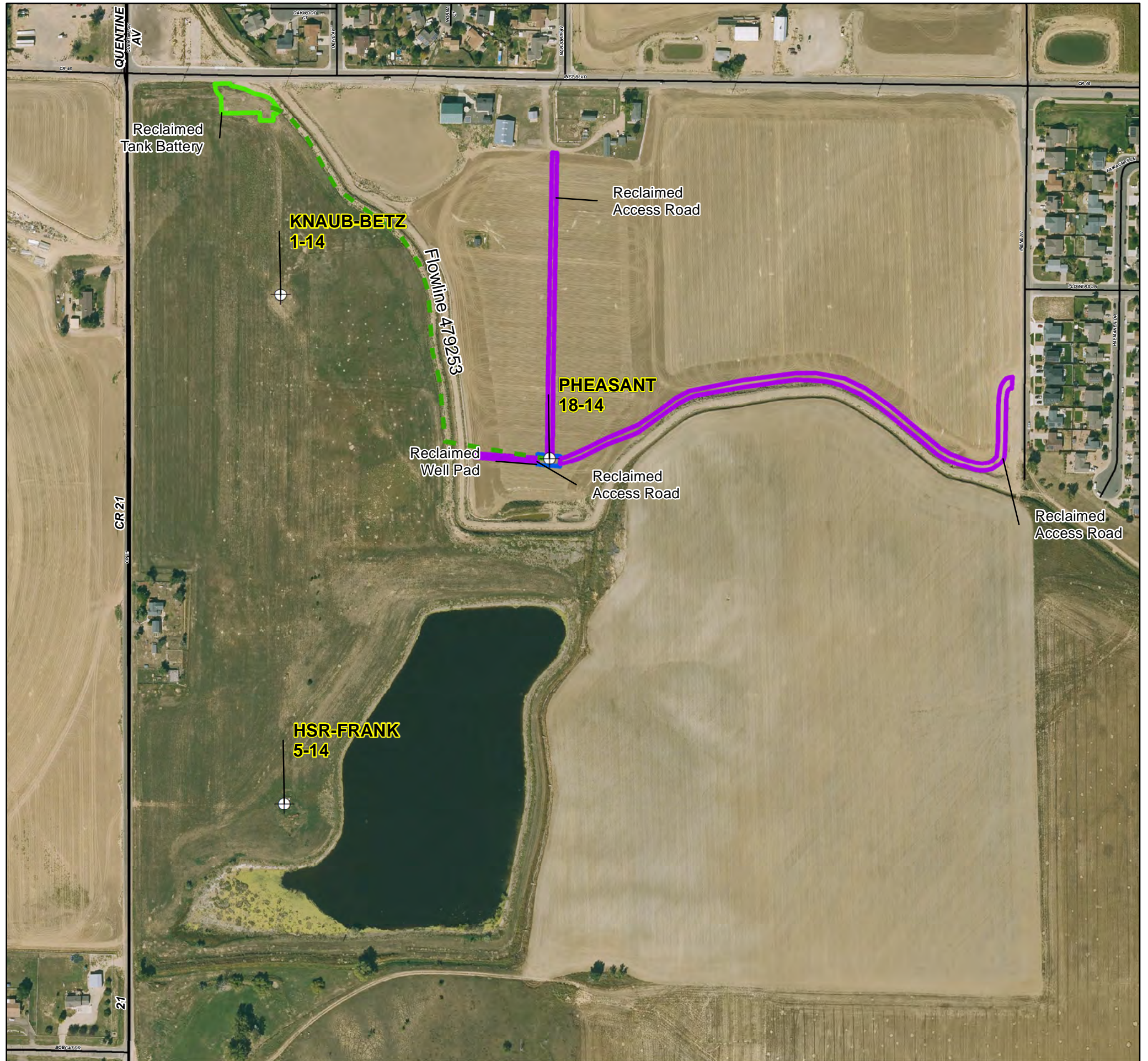
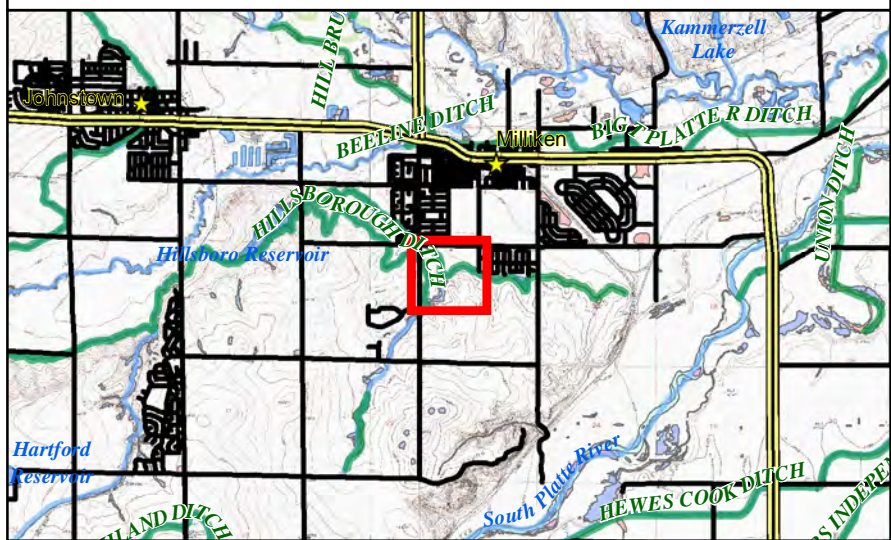


Editor: CDenison
File: PDC_Drone_Rec_DDP

Scale: 1:3,800
Date: 6/13/2024

- Well Head
- Reclaimed Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Removed
- Major Road
- Weld Local

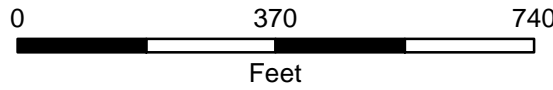
NAIP 2023 Imagery





PDC Form 4 Final Reclamation - Post Plugging Overview

Pheasant 18-14

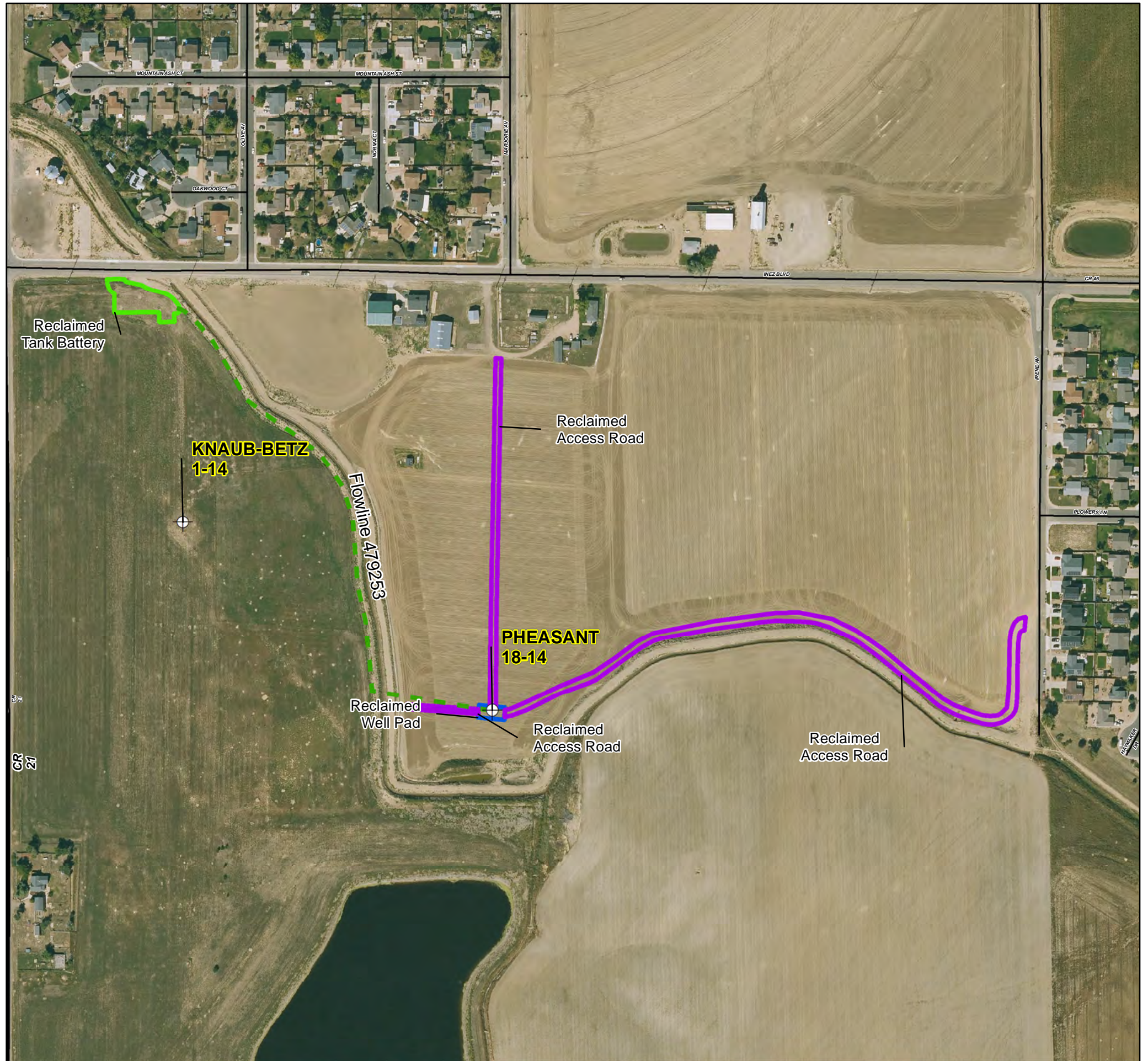
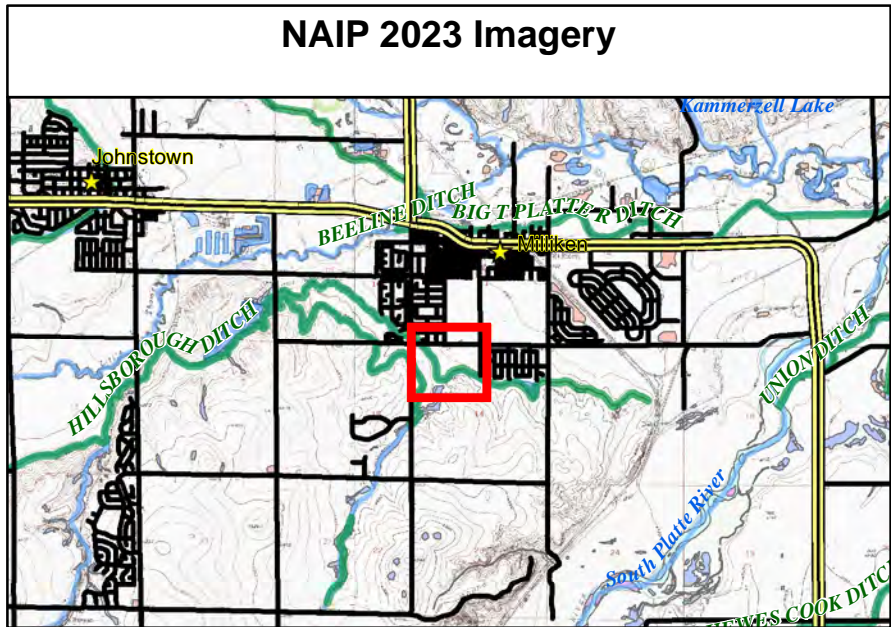


Prepared by:
Scale: 1:3,300
Date: 6/13/2024

Editor: CDenison
File: PDC_Drone_Rec_DDP

- Well Head
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- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
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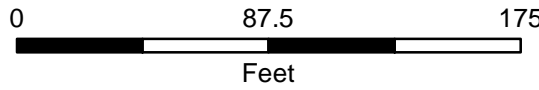
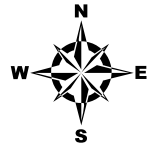
NAIP 2023 Imagery





PDC Form 4 Final Reclamation - Post Plugging Overview

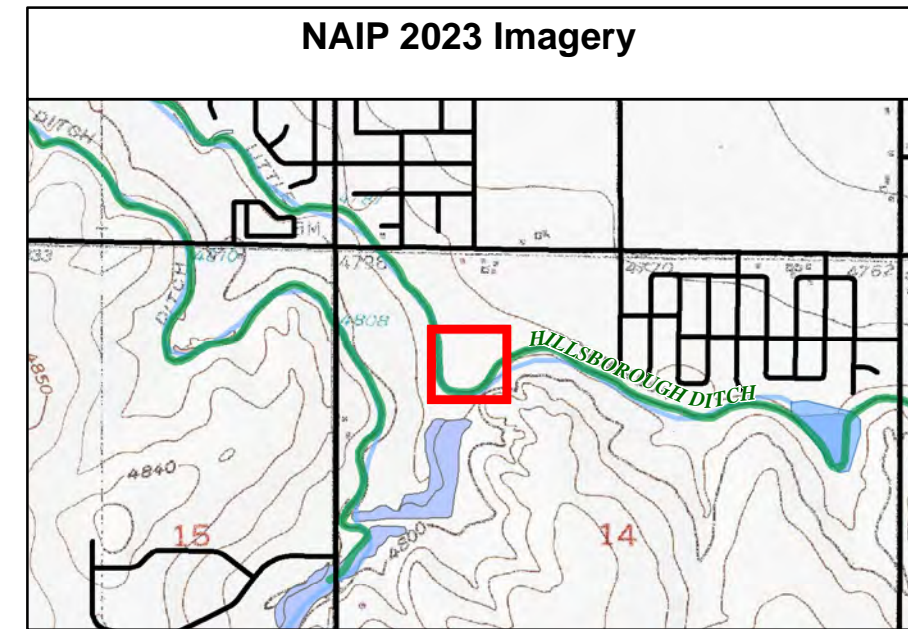
Pheasant 18-14



Prepared by:
Scale: 1:800
Date: 6/13/2024

Editor: CDenison
File: PDC_Drone_Rec_DDP

- Well Head
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Removed



Post Plugging overview of Pheasant 18-14 Well Head
Lat/Long: 40.31619383/ -104.86314511
Flight Height: 375'



Cardinal Direction Drone Photos of the Reclaimed Area

Photo Dates:

7/25/2023

Drone Photo Height:

85'

North of Disturbance Facing South
Lat/Long: 40.31644864 / -104.86314289



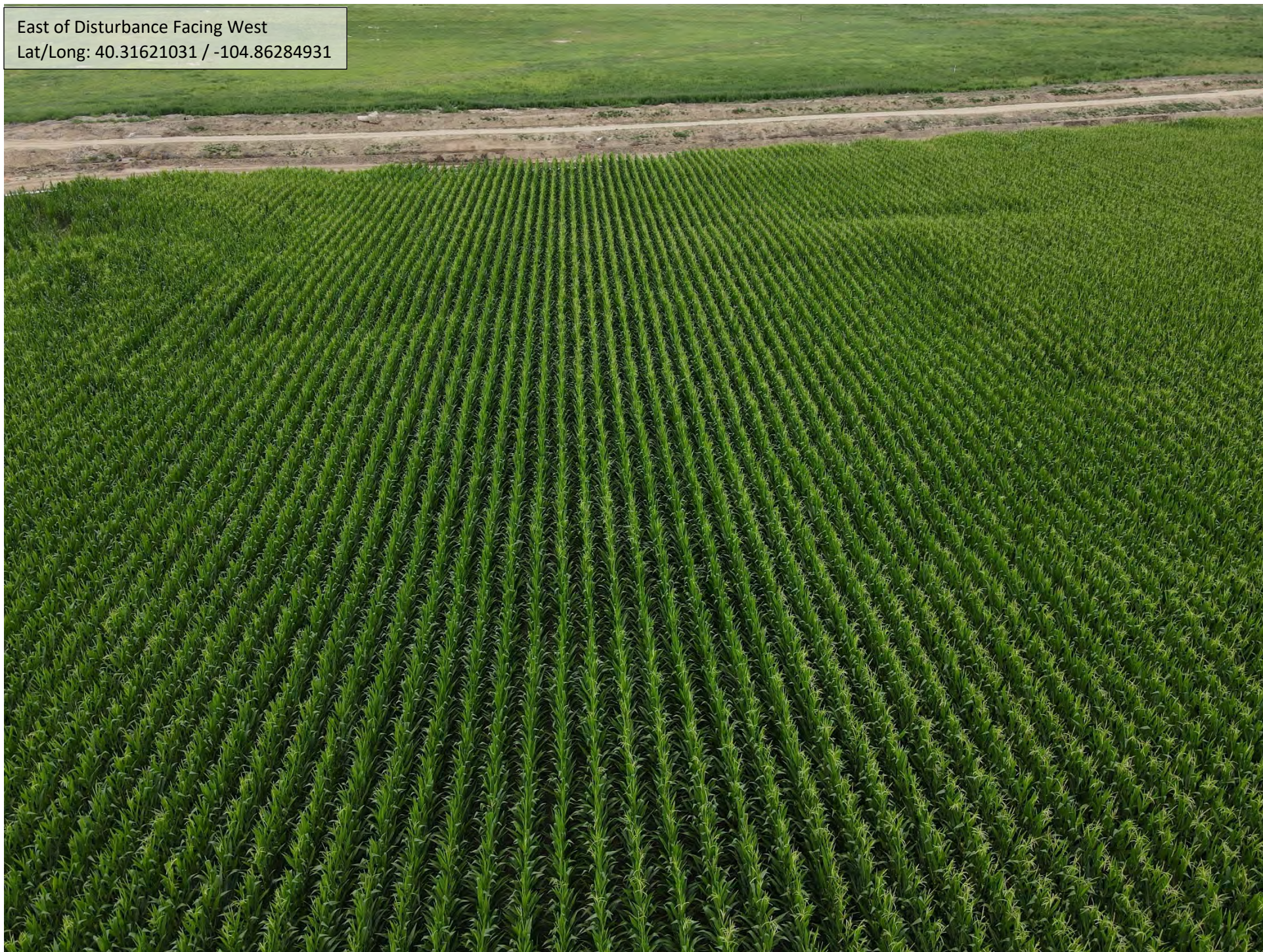
South of Disturbance Facing North
Lat/Long: 40.31603189/ -104.86314725



West of Disturbance Facing East
Lat/Long: 40.31623167/ -104.86340869



East of Disturbance Facing West
Lat/Long: 40.31621031 / -104.86284931



Access Road Reclamation Photo

Photo Dates:

7/25/2023

Drone Photo Height:

85'

Access Road Entrance Facing Disturbance
Lat/Long: 40.31626039 / -104.86346336



Access Road End Facing Entrance
Lat/Long: 40.31625117 / -104.86348772



Cardinal Direction Drone Photos of the Reference Area

Photo Dates:

7/25/2023

Drone Photo Height:

85'

Reference Area North of the Reclaimed Area
Lat/Long: 40.31645689 / -104.86337808



Reference Area South of the Reclaimed Area
Lat/Long: 40.31603103 / -104.86295853



Reference Area West of the Reclaimed Area
Lat/Long: 40.31607714 / -104.86341664



Reference Area East of the Reclaimed Area
Lat/Long: 40.31638047 / -104.86284597



Reference Photo for Cropland Growth Stage

Cropland Reference Photo Showing Corn in the Reproductive Growth Stage
Lat/Long: 40.31626039 / -104.86346336

