



Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

Permit Closure Report – Cropland

Location ID: 329687

Location Name: HICKS-63N67W/7SESE

Report Date:

10/18/2024

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 – Corn

Crop 2023 – Corn

Inspection:

Performed by	H2E, Incorporated
Date	9/11/2024

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

Location Checklist



Operator / #	PDC ENERGY INC / 69175			
Name / Location ID	HICKS-63N67W/7SESE / 329687			
County	Weld			
Well Information	Well Name: HICKS #7-16J7			
	Well API #: 05-123-17713			
	Lat/Long As Drilled: 40.235612 / -104.924934			
	Plug date & Form 6S Doc. #: 10/04/2019 - 402220570			
Facility Entities		Tank Battery		Pits
	X	Wells		On-Location Flowlines (Form 42): Doc. #
		Domestic Taps	X	Off-Location Flowlines (Form 44): Doc. # 403906896
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)	X	No		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 #: Peter Nelson - 4974559			
	Date of FAA Certificate Issuance: 3/19/2024			

Location Summary



Name:	HICKS-63N67W/7SESE		
Type	Wellhead		
Location ID	329687		
Operator / #	PDC ENERGY INC / 69175		
Field	WATTENBERG		
County, State	Weld, Colorado		
Lat/Long	40.235612 / -104.924934		
Location	Planned Location	X	As Drilled
Location	SESE 7 3N67W 6		
Facility Status - Date	CL - 10/4/2019		
Facility Entities		Tank Battery	Pits
	X	Wells	X Off-Location Flowlines
		Domestic Taps	On-Location Flowlines
		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)	No sundry notice pertaining to series 900-1200 rules was identified.		
Off-Location Flowlines (Form 44)	Form 44 Doc # & Date: 403906896 - 08/30/2024		
	Purpose: Flowlines Removed		
	Abandonment Date: 10/04/2019		
	ECMC Approval Date & Signee: N/A		
	Operator Comments: N/A		
	Flowline Facility Information		
	ECMC Flowline ID: 479253		
	Operator Flowline ID: PDC Flowline System		
	Status & Date: AC - 9/25/2024		
	Flowline Type: Wellhead Line		
	Type of Fluids Transported: Oil		
	Start Point Location ID: 329687		
	Start Point Riser Lat/Long: 40.235612 / -104.924934		
	Equipment at Start Point: Wellhead		
	End Point Location ID: 472691		
	End Point Riser Lat/Long: 40.236203, -104.926456		
Equipment at End Point: Separator			

Field Inspection Form (Form INSP)	Form INSP Doc # & Date: 674000560 - 1/11/2017 674003532 - 04/05/2016 674004736 - 04/08/2020 697503777 - 03/07/2022		
	Status Summary: 674000560 - Satisfactory 674003532 - Satisfactory 674004736 - NO FOLLOW UP INSPECTION REQUIRED 697503777 - FOLLOW UP INSPECTION REQUIRED		
	Inspected Facilities: 674000560 - Well 674003532 - Well 674004736 - Well 697503777 - Well		
	Inspection Status: 674000560 - PR 674003532 - PR 674004736 - PR 697503777 - RI		
	Inspection Date & Inspector: 674000560 - 03/11/2014 - Carlile, Craig 674003532 - 04/05/2016 - Carlile, Craig 674004736 - 01/04/2017 - Carlile, Craig 697503777 - 02/28/2022 - Binschus, Chris		
	Comments: 674000560 - Lease Road comment: "Deep rutting." Passed Interim Reclamation 674003532 - None 674004736 - None 697503777 - It appears gravel has been removed and the location has been contoured. The crop field is currently fallow. COGCC staff will perform another inspection during the crop growing season to ensure Rule 1004 vegetative compliance. Operator shall submit a Form 4 Final Reclamation Complete notice when the location meets Rule 1004 standards. COGCC may conduct inspections prior to receiving said notice to ensure compliance with Rule 1004.		
	Inspection Corrective Actions (CAs) 674000560 - Lease Road comment: "Deep rutting"		
Environmental Incidents & Remediation	X	None	Spill or Release (Form 19)
			Remediation (Form 27/27A)
Spill or Release (Form 19)	N/A		
Site Investigation and Remediation Workplan (Form 27/27A)	N/A		
COGIS Tank Location Information (Scout Card)	Tank Battery Name: Hicks P S7 SESE/3N67W		
	Location ID: 464902		
	Status & Date: CL - 5/28/2020		
	Lat/Long: 40.236170 / -104.926258		
	Notes: N/A		
	Form 4 Doc # & Date: N/A Purpose: N/A		
COGIS Well Information (Scout Card)	Well Name: HICKS #7-16J7		
	Facility ID: 249910		
	Status & Date: PA - 10/4/2019		
	Lat/Long: 40.235612 / -104.924934		
	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: 9/11/2024
Designation: Oil and Gas Facility	Designation: Cropland

The following imagery sources were reviewed during this investigation:

NAIP Imagery 2013, 2023, and historic Google Earth Imagery.

Site Observation Notes

No Additional Information

Closure Information

This final reclamation completion notice is intended to close the HICKS-63N67W/7SESE location which consists of the HICKS #7-16J7 (API # 05-123-17713) wellhead. This wellhead does not share a disturbance with any other wells or tank batteries. The associated tank battery has its own location ID (464902) which will remain open until final remediation has been achieved.

The HICKS-63N67W/7SESE location is in Weld County, Colorado west of CR 15 and north of County Rd 34. There is one off location flowline associated with this well that transports oil to its associated tank battery.

HICKS #7-16J7 was reclaimed and returned to the landowner for agricultural use in 2019. The wellhead was accessed from an unnamed access road along CR 15 that led to the HICKS-63N67W/7SESE location.

There were no spill/releases (Form 19), Remediation Workplans (Form-I & Form-S) identified during our records review.

There was one corrective action (CA) identified during our records review. During the 3/11/2014 inspection (Document # 674000560) there was a corrective action for the lease road stating "Deep rutting." There were no corrective actions during the following inspection on 4/5/2016 (Document # 674003532).

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



Summary Acreage Table

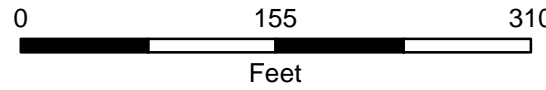
Description	Acres
Historic Disturbance Extent	0.40
Access Road	0.36
Flowline	Not Included
Tank Battery	Not Included
Well Pad	0.04

Pre-Plugging Active Operations Location Overview



PDC Form 4 Final Reclamation - Pre Plugging Overview

Hicks 7-16J7



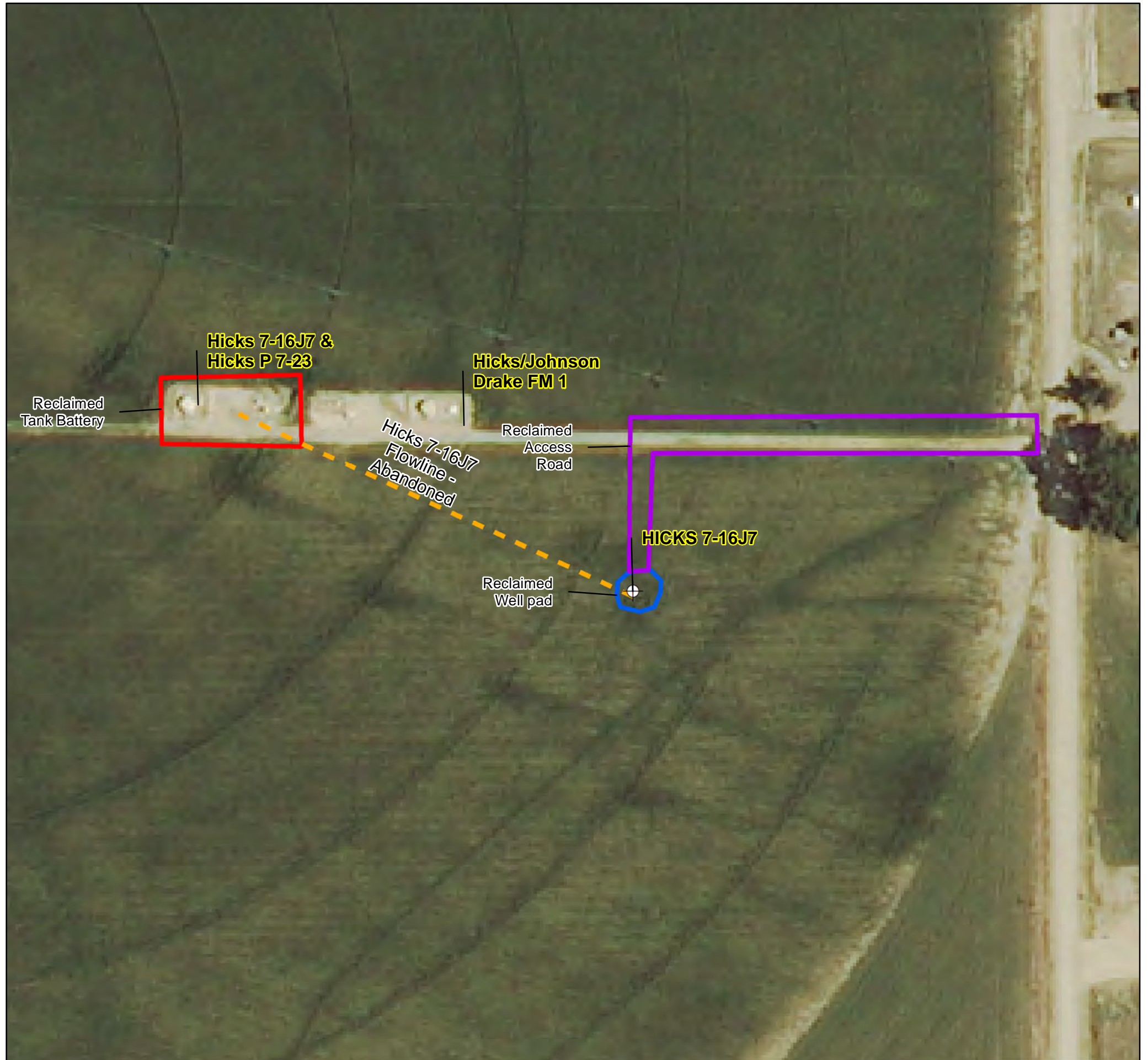
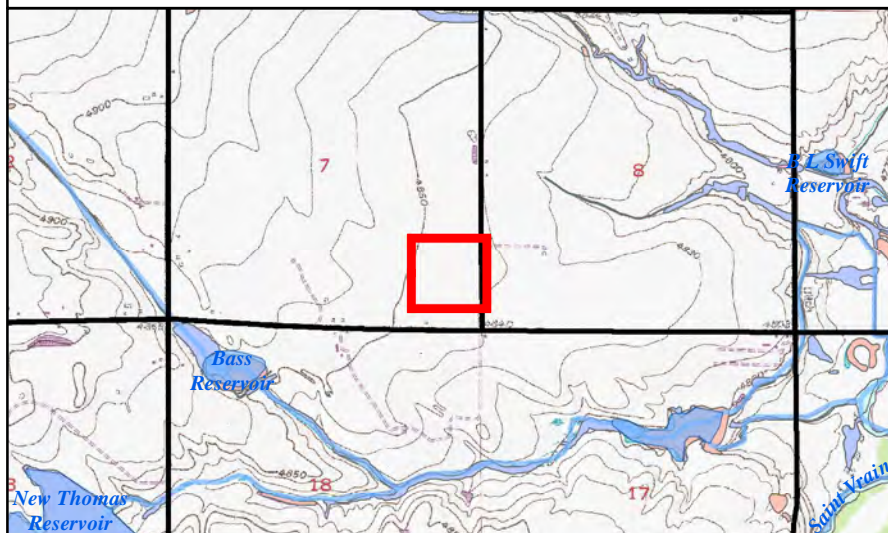
Prepared by:

Editor: pnelson
File: PDC_Drone_Rec_PrePlugging_DDP

Scale: 1:1,400
Date: 10/21/2024

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

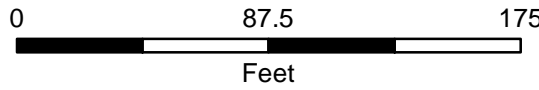
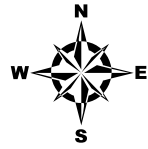
NAIP 2013 Imagery





PDC Form 4 Final Reclamation - Pre Plugging Overview

Hicks 7-16J7

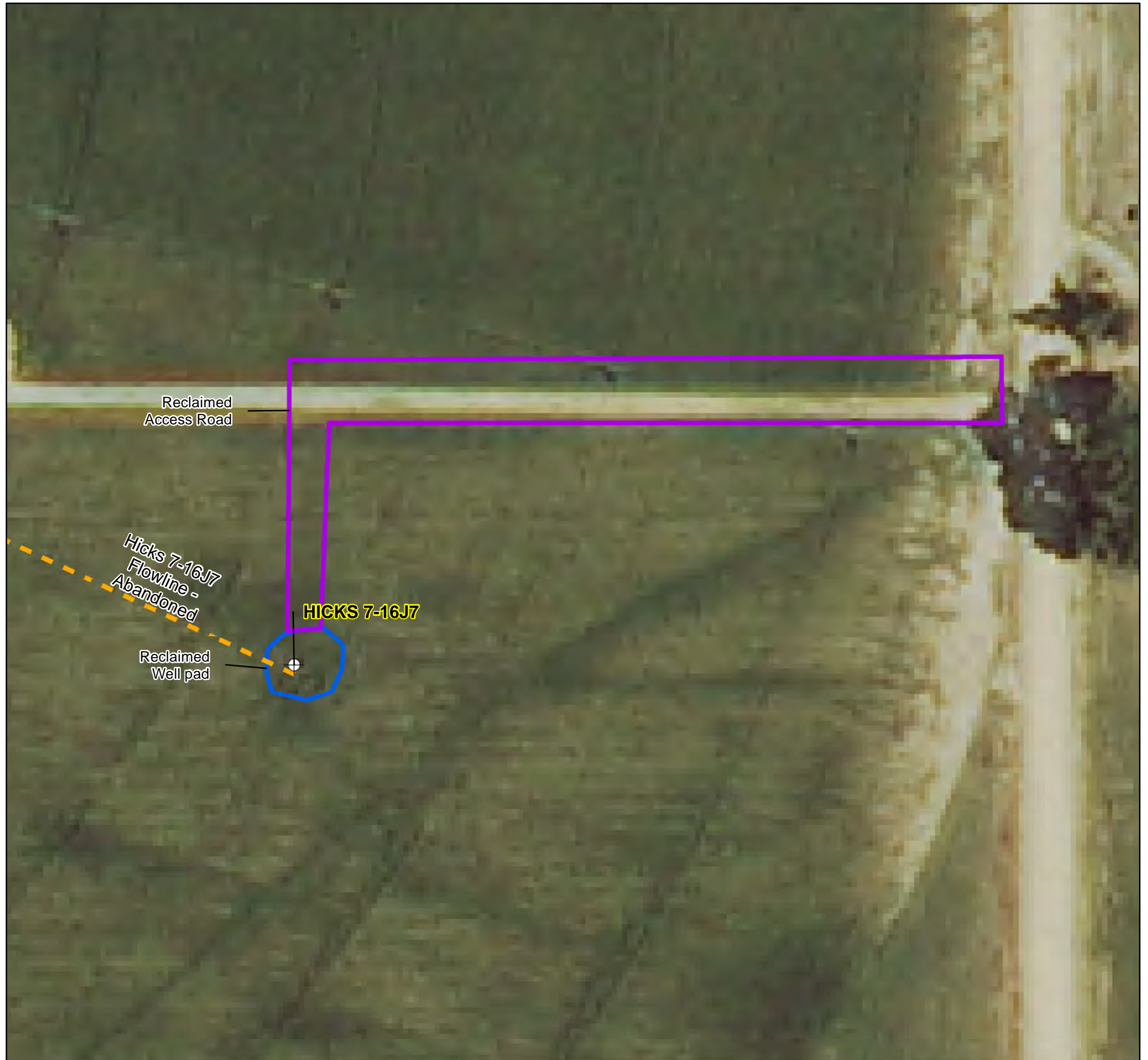
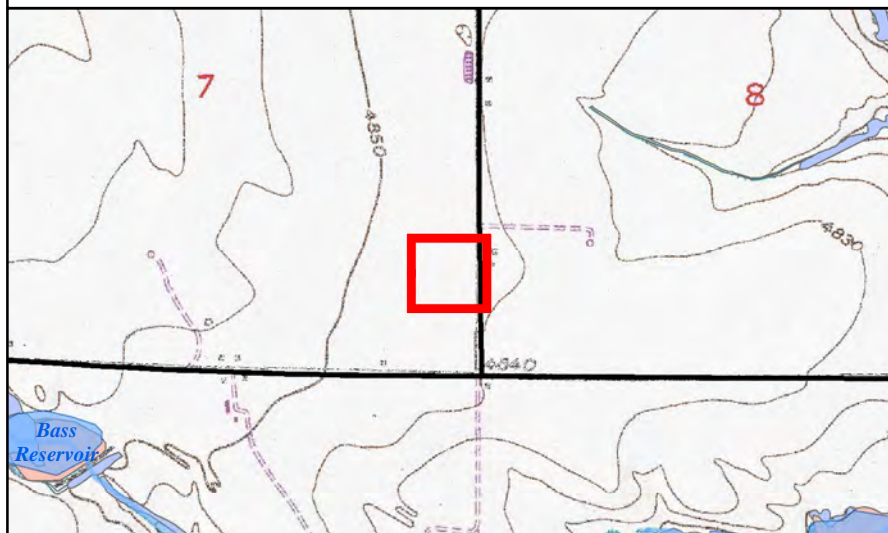


Editor: pnelson
File: PDC_Drone_Rec_PrePlugging_DDP

Prepared by:
Scale:1:800
Date: 10/21/2024

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

NAIP 2013 Imagery

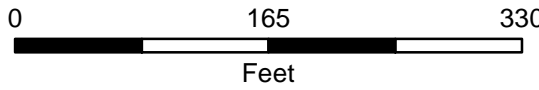


Post-Plugging and Abandonment Location Overview



PDC Form 4 Final Reclamation - Post Plugging Overview

Hicks 7-16J7

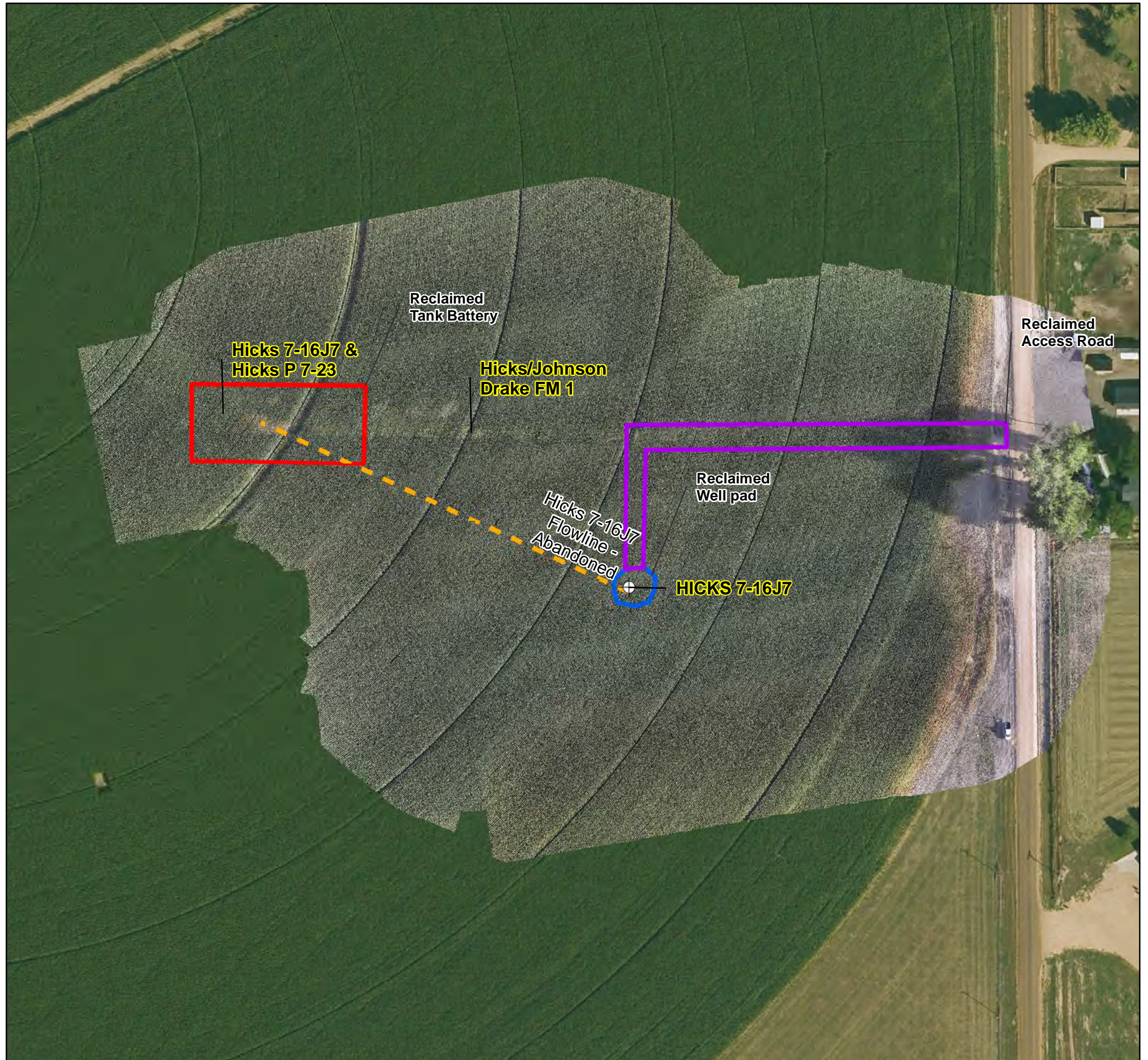
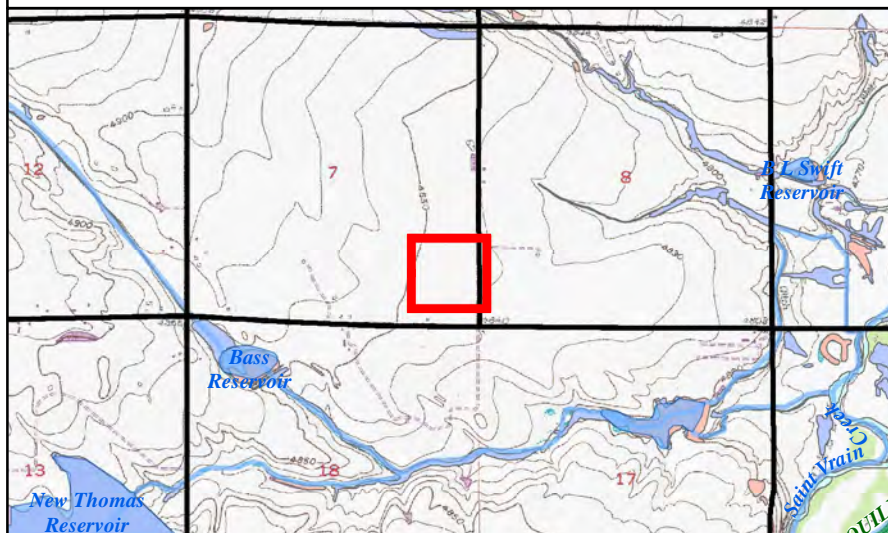


Prepared by:
Scale: 1:1,500
Date: 10/28/2024

Editor: pnelson
File: PDC_Drone_Rec_PostPlugging_DDP

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

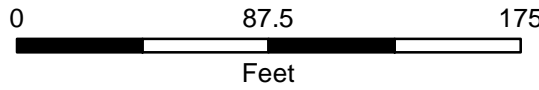
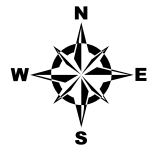
2024 Drone Imagery





PDC Form 4 Final Reclamation - Post Plugging Overview

Hicks 7-16J7

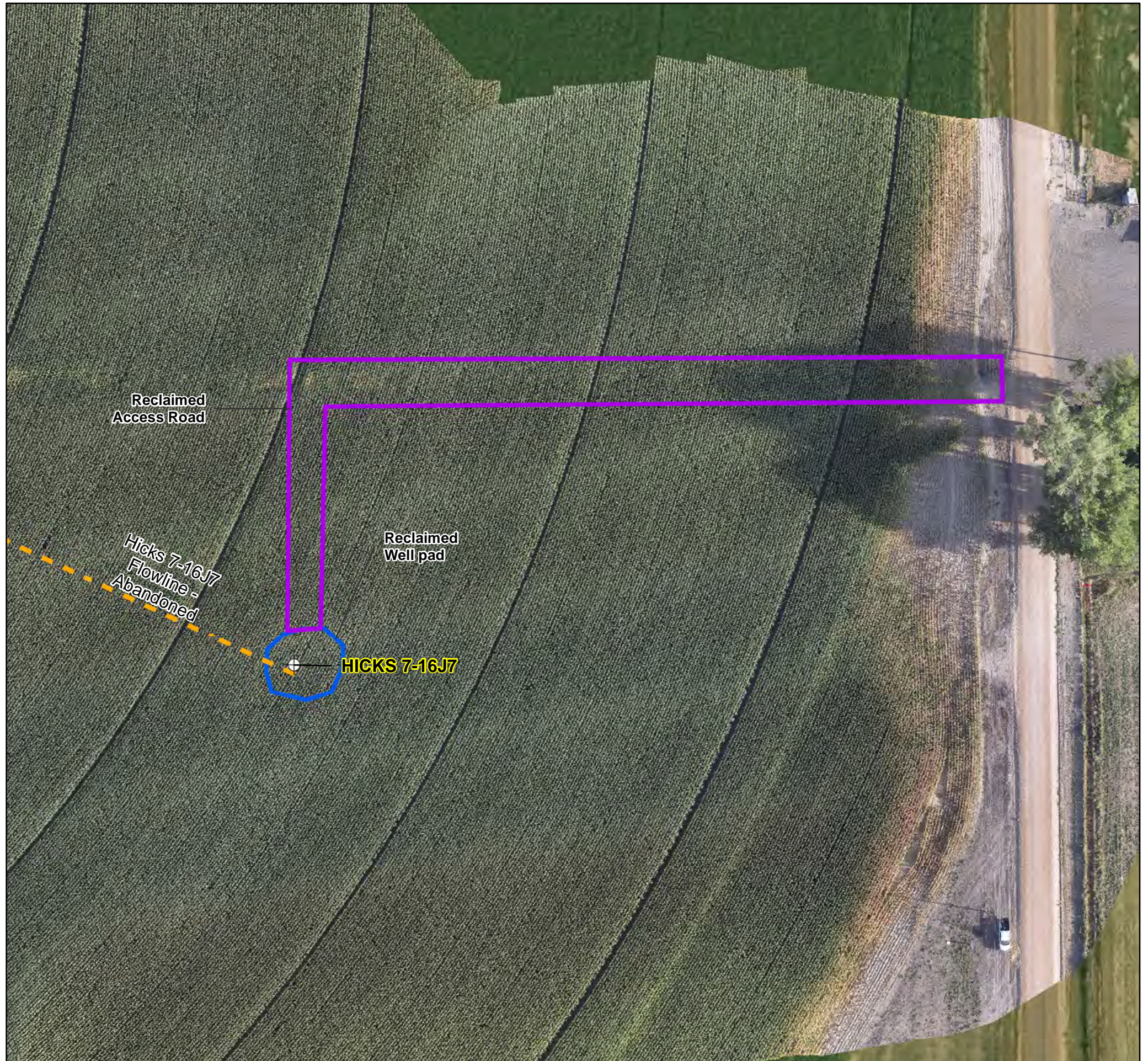
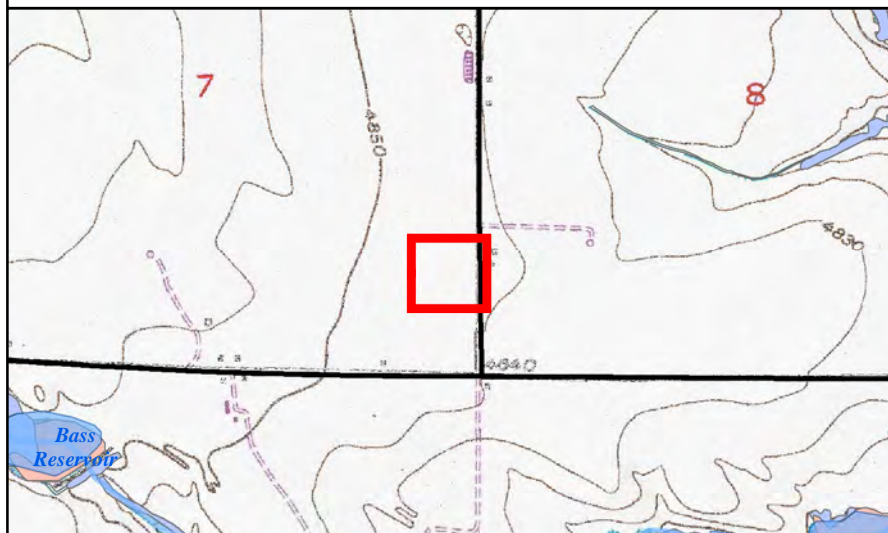


Editor: pnelson
File: PDC_Drone_Rec_PostPlugging_DDP

Prepared by:
Scale: 1:800
Date: 10/28/2024

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

2024 Drone Imagery



Cardinal Direction Drone Photos of the Reclaimed Area

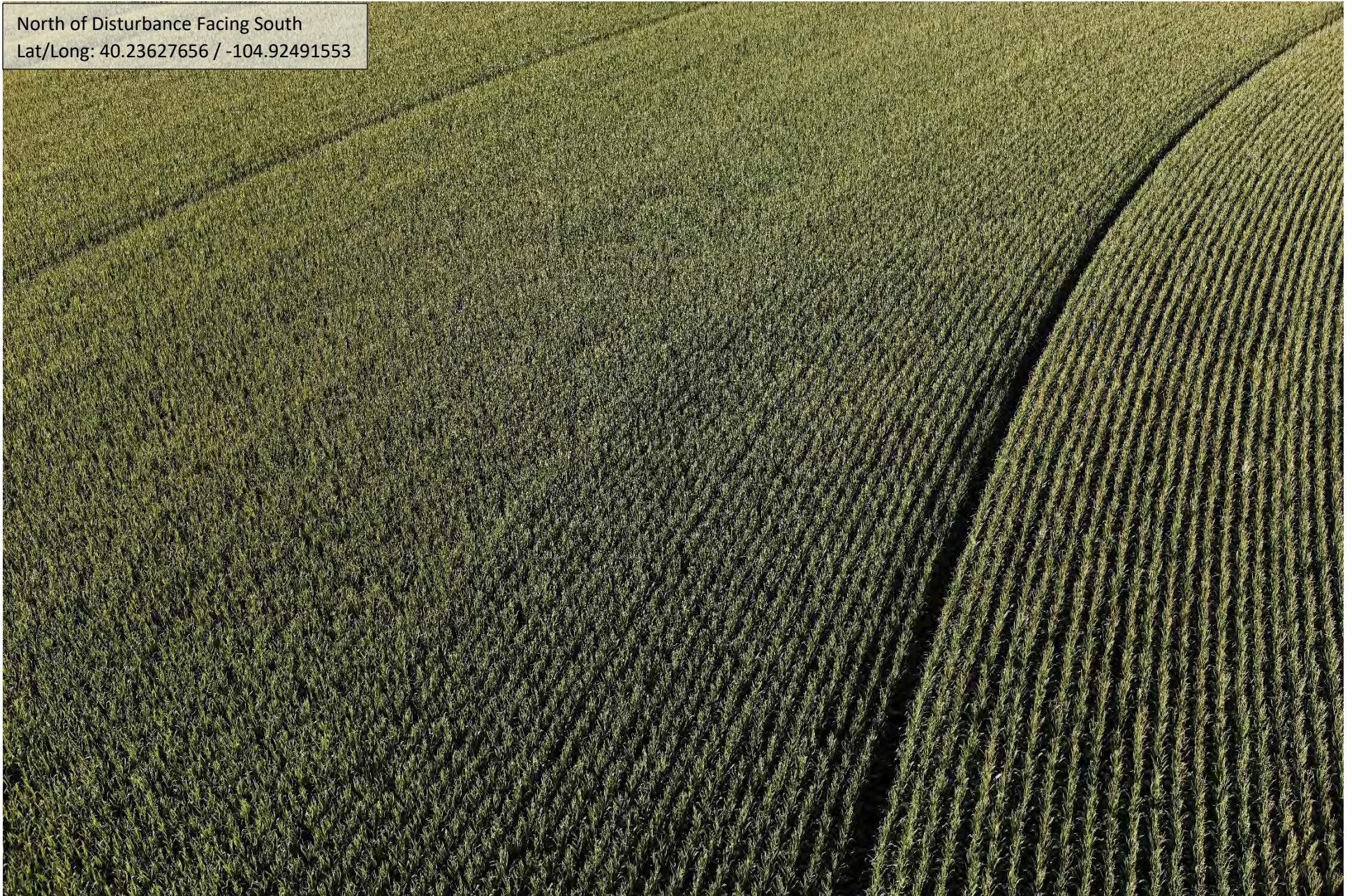
Photo Dates:

9/11/2024

Drone Photo Height:

100'

North of Disturbance Facing South
Lat/Long: 40.23627656 / -104.92491553



South of Disturbance Facing North
Lat/Long: 40.23485358 / -104.92492675



East of Disturbance Facing West
Lat/Long: 40.23550422 / -104.92370450



West of Disturbance Facing East
Lat/Long: 40.2355850 / -104.9260590



Cardinal Direction Drone Photos of the Reference Area

Photo Dates:

9/11/2024

Drone Photo Height:

100'

Reference Area North of the Reclaimed Area
Lat/Long: 40.23628372 / -104.92492081



Reference Area South of the Reclaimed Area
Lat/Long: 40.23484697 / -104.92492219



Reference Area West of the Reclaimed Area
Lat/Long: 40.23562800 / -104.92584581



Reference Area East of the Reclaimed Area
Lat/Long: 40.23551144 / -104.92369778



Reference Photo for Cropland Growth Stage

Cropland Reference Photo (Corn)
Lat/Long: 40.235100, -104.923414



09.11.2024