

Location Checklist



Operator / #	PDC Energy / 69175			
Name / Location ID	HAZEN-67N65W/28SWSW - 305351			
County	Weld			
Well Information	Well Name: HAZEN 14-28			
	Well API #: 05-123-22836			
	Lat/Long As Drilled: 40.540080 / -104.675190			
	Plug date & Form 6S Doc. #: 1/16/2021 - 402576875			
Facility Entities		Tank Battery		Pits
	X	Wells		On-Location Flowlines (Form 42): Doc. #
		Domestic Taps	X	Off-Location Flowlines (Form 44): Doc. #402814346
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 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: 305351

Location Name: HAZEN-67N65W/28SWSW

Report Date:

6/19/2024

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 2023 – Corn

Crop 2022 – Corn

Inspection:

Performed by	Confluence Compliance
Date	8/29/2023

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

Location Summary



Name:	HAZEN-67N65W/28SWSW		
Type	Wellhead		
Location ID	305351		
Operator / #	PDC Energy / 69175		
Field	Wattenberg		
County, State	Weld, Colorado		
Lat/Long	40.540080 / -104.675190		
	<input type="checkbox"/> Planned Location	<input checked="" type="checkbox"/> X	<input type="checkbox"/> As Drilled
Location	SWSW 28 7N65W 6		
Facility Status - Date	PA - 12/22/2020		
Facility Entities	<input type="checkbox"/> Tank Battery	<input type="checkbox"/>	<input type="checkbox"/> Pits
	<input checked="" type="checkbox"/> Wells	<input checked="" type="checkbox"/> X	<input type="checkbox"/> Off-Location Flowlines (Form 44)
	<input type="checkbox"/> Domestic Taps	<input type="checkbox"/>	<input type="checkbox"/> On-Location Flowlines (Form 42)
	<input type="checkbox"/> Electric Utilities	<input type="checkbox"/>	<input type="checkbox"/>
Equipment on Site	<input checked="" type="checkbox"/> X	<input type="checkbox"/> 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	<input type="checkbox"/> Regraded	<input checked="" type="checkbox"/> X Contoured
	<input type="checkbox"/>	<input type="checkbox"/> Culverts Removed	<input type="checkbox"/> Gravel Removed
	<input type="checkbox"/> Pre-Existing (Must provide supporting documentation):		
Variance Requests	No variance requests were identified during the records review.		
Sundry Notice (Form 4)	No sundry notice pertaining to series 900-1200 rules was identified.		
On Location Flowlines (Form 42)	N/A		
Off-Location Flowlines (Form 44)	Form 44 Doc # & Date: 402814346		
	Purpose: FLOWLINE SYSTEM ABANDONMENT VERIFICATION		
	Abandonment Date: 01/05/2021		
	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 - 6/12/2024		
	Flowline Type: Wellhead line		
	Type of Fluids Transported: Produced Fluids		
	Start Point Location ID: 305351		
	Start Point Riser Lat/Long: 40.540080 / -104.675190		
	Equipment at Start Point: Wellhead		
	End Point Location ID: 471898		
	End Point Riser Lat/Long: 40.542660 / -104.677337		
	Equipment at End Point: Separator		
Field Inspection Form (Form INSP)	Form INSP Doc # & Date:		
	679601829 - 10/31/2019		
	679602110 - 1/6/2020		
	Status Summary:		
	679601829 - Follow up inspection required		
	679602110 - This is a follow up inspection		
	Inspected Facilities:		
	679601829 - Location 305351		
	679602110 - Well		
	Inspection Status:		
	679601829 - AC		
	679602110 - SI		
	Inspection Date & Inspector:		
	679601829 - 10/31/2019 - Brittani Santistevan		
	679602110 - 1/6/2020 - Brittani Santistevan		
	Comments:		
	679601829 - Base of berm is inadequate		
	679602110 - All corrective actions assigned in previous inspection DOC#:		
	679601829 have been resolved.		

Inspection Corrective Actions (CAs)	During an inspection on 10/31/2019 a CA was documented stating the base of tank battery berm is sunk in, surrounding produced water tank. COMPLY WITH RULE 906.D.(1). (Corrective Action Date: November 20, 2019)		
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 #: 16169		
	Form 27 Initial Doc # & Date: 402542429 - 12/01/2020		
	Purpose: Pit or PW vessel closure		
	Notes: N/A		
	Form 27 Supplemental Docs # & Date: 402589926 - 02/08/2021		
	Purpose: Pit or PW vessel closure		
	Operator Comments: PDC Energy is submitting a produced water vessel closure request for the Hazen 14-28 location.		
	ECMC Comments: N/A		
	ECMC COAs: Based on the information presented, it appears that 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.		
Closure Request Approved: 02/16/2021			
Final Resolution: 02/16/2021 - Rick Allison			
COGIS Tank Location Information (Scout Card)	Tank Battery Name: Hazen/14-28		
	Location ID: 471898		
	Status & Date: AC - 2/25/2020		
	Lat/Long: 40.542660 / -104.677337		
	Notes: N/A		
	Form 4 Doc # & Date: N/A Purpose: N/A		
COGIS Well Information (Scout Card)	Well Name: HAZEN 14-28		
	Facility ID: 276868		
	Status & Date: PA - 12/22/2020		
	Lat/Long: 40.540080 / -104.675190		
	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: 8/29/2023
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 HAZEN-67N65W/28SWSW location which consists of the HAZEN 14-28 (API # 05-123-22836) well head; this well head does not share a disturbance with any other wells or tank batteries. the associated tank battery does have its own location ID (471898) which will remain open until final reclamation has been achieved.

The HAZEN-67N65W/28SWSW location is in Weld County, Colorado east of County Road 41 and north of County Road 76. There is one off location flowline associated with this well that transports produced fluids to its associated tank battery. This flowline was partially removed and partially abandoned and submitted under a Form 44 (402814346).

HAZEN 14-28 was reclaimed and returned to the landowner for agricultural use in 2020. The wellhead was accessed from an unnamed access road along County Road 76 that lead to the HAZEN-67N65W/28SWSW location.

A Remediation Workplan (Form 27-I) was documented on 12/1/2020 for Pit or PW vessel closure. On 2/8/2021 a Form 27-S (Doc. # 402589926) was filed. This remediation workplan was closed by Rick Allison on 2/16/2021.

one corrective action (CA) was identified during the records review. This CA was identified during an inspection on 10/31/2019 by Brittani Santistevan and stated the base of tank battery berm is sunk in, surrounding produced water tank. COMPLY WITH RULE 906.D.(1). (Corrective Action Date: November 20, 2019). The CA mentioned above was addressed during the following inspection on 1/6/2020 conducted by Brittani Santistevan.

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



Summary Acreage Table

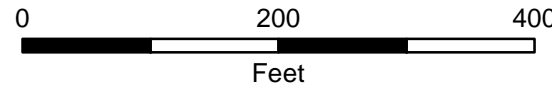
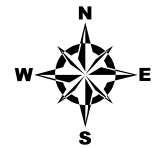
Description	Acres
Historic Disturbance Extent	1.60
Access Road	0.16
Flowline	Not Included
Tank Battery	Not Included
Well Pad	1.44

Pre-Plugging Active Operations Location Overview



PDC Form 4 Final Reclamation - Pre Plugging Overview

Hazen 14-28



Prepared by:



Editor: EJanak

File: PDC_Drone_Rec_PrePlugging_DDP

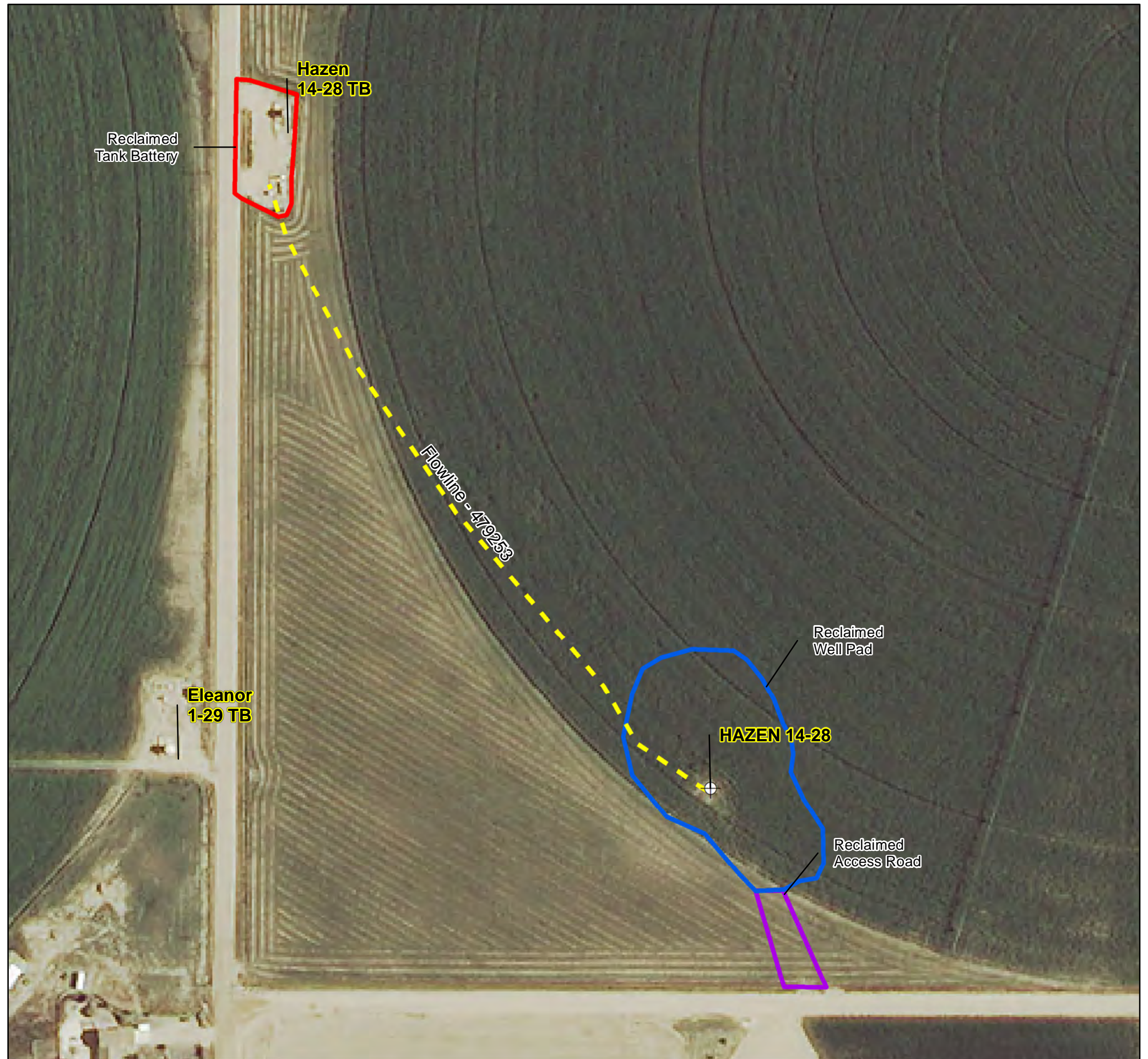
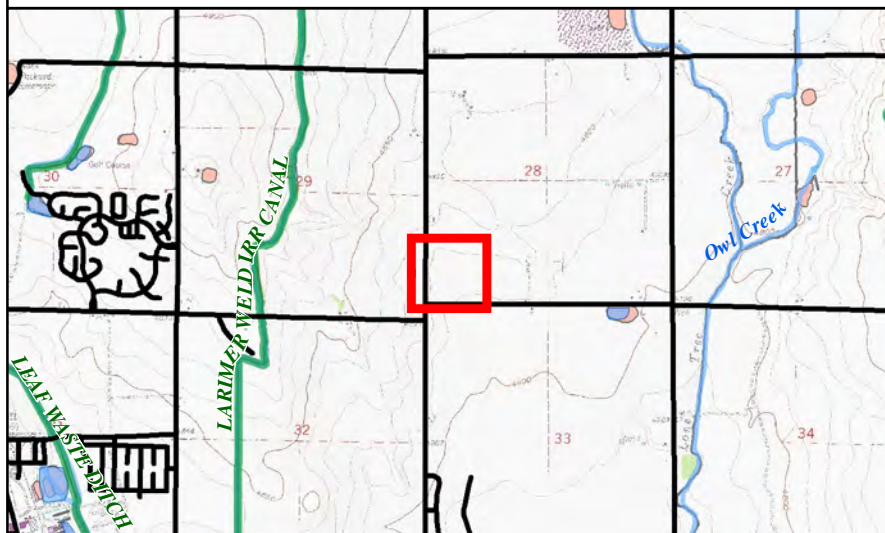
Scale: 1:1,800

Date: 6/19/2024

⊕ Well Head

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

NAIP 2013 Imagery

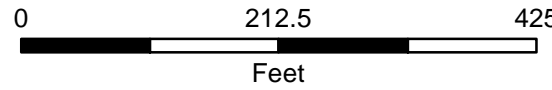
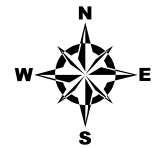


Post-Plugging and Abandonment Location Overview



PDC Form 4 Final Reclamation - Post Plugging Overview

Hazen 14-28



Prepared by:



Editor: EJanak

File: PDC_Drone_Rec_PostPlugging_DDP

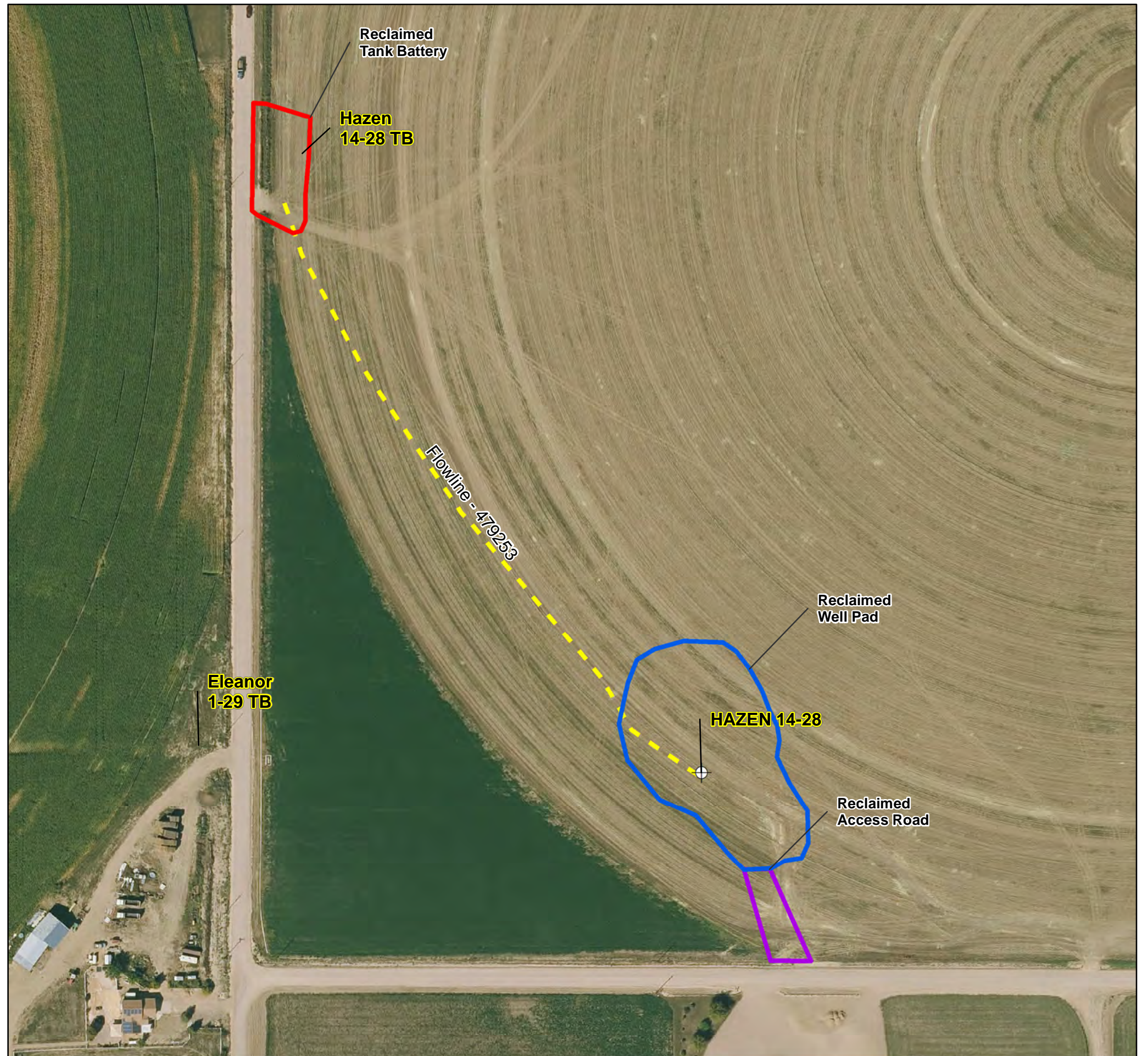
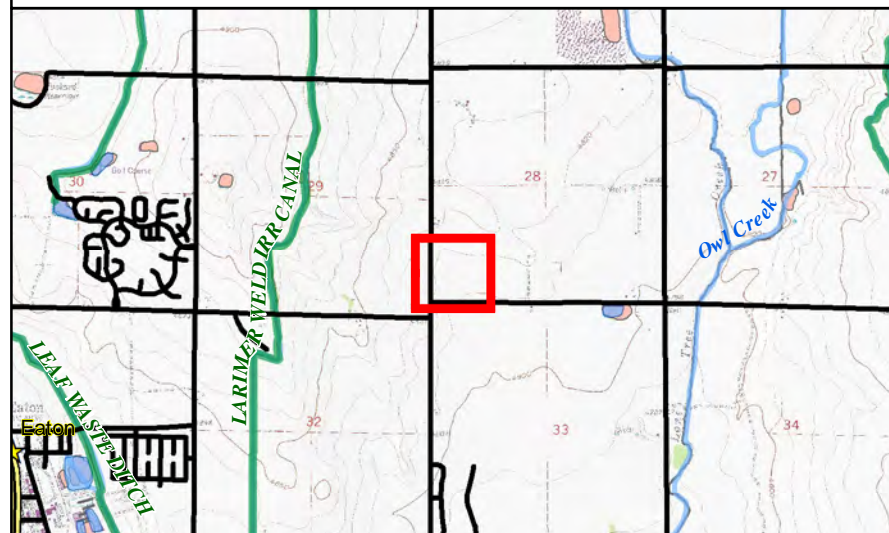
Scale: 1:1,900

Date: 6/19/2024

⊕ Well Head

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

NAIP 2023 Imagery



Post Plugging overview of Hazen 14-28 Well Head
Lat/Long: 40.54008658 / -104.67516878
Flight Height: 375'



Cardinal Direction Drone Photos of the Reclaimed Area

Photo Dates:

8/29/2023

Drone Photo Height:

85'

North of Disturbance Facing South
Lat/Long: 40.54035783 / -104.67521817



South of Disturbance Facing North
Lat/Long: 40.53978900/ -104.67517631



West of Disturbance Facing East
Lat/Long: 40.54006433 / -104.67562394



East of Disturbance Facing West
Lat/Long: 40.54009414 / -104.67483325



Access Road Reclamation Photo

Photo Dates:

8/29/2023

Drone Photo Height:

85'

Access Road Entrance Facing Disturbance
Lat/Long: 40.53925244 / -104.67457839



Access Road End Facing Entrance
Lat/Long: 40.53996561 / -104.67512508



Cardinal Direction Drone Photos of the Reference Area

Photo Dates:

8/29/2023

Drone Photo Height:

85'

Reference Area North of the Reclaimed Area
Lat/Long: 40.54033914 / -104.67562900



Reference Area South of the Reclaimed Area
Lat/Long: 40.53981286 / -104.67483300



Reference Area West of the Reclaimed Area
Lat/Long: 40.53979067 / -104.67542247



Reference Area East of the Reclaimed Area
Lat/Long: 40.54035858/ -104.67486519



Reference Photo for Cropland Growth Stage

Cropland Reference Photo (Corn)
Lat/Long: 40.35402806 / -104.53831389

