



# Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

## Permit Closure Report – Cropland

**Location ID:** 310461

**Location Name:** WELL RANCH-USX AA-66N63W/19SWSE

## Report Date:

10/9/2024

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	8/14/2024

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

# Location Checklist



<b>Operator / #</b>	Noble Energy / 100322			
<b>Name / Location ID</b>	WELL RANCH-USX AA-66N63W/19SWSE - 310461			
<b>County</b>	Weld			
<b>Well Information</b>	<b>Well Name:</b> WELL RANCH-USX AA #19-15			
	<b>Well API #:</b> 05-123-26434			
	<b>Lat/Long As Drilled:</b> 40.466453 / -104.477340			
	<b>Plug date &amp; Form 6S Doc. #:</b> 11/16/2018 - 401865210			
<b>Facility Entities</b>	<input type="checkbox"/>	Tank Battery	<input type="checkbox"/>	Pits
	<input checked="" type="checkbox"/>	Wells	<input type="checkbox"/>	On-Location Flowlines
	<input type="checkbox"/>	Domestic Taps	<input checked="" type="checkbox"/>	Off-Location Flowlines
<b>Equipment on Site</b>	<input checked="" type="checkbox"/>	None	<input type="checkbox"/>	Debris
	<input type="checkbox"/>	Pit mouse/rat holes, cellars backfilled		
<b>Access Road</b>	<input checked="" type="checkbox"/>	Regraded	<input checked="" type="checkbox"/>	Contoured
	<input type="checkbox"/>	Culverts removed	<input type="checkbox"/>	Gravel removed
	<input type="checkbox"/>	Pre-existing: must provide supporting documentation		
<b>Reclamation Status</b>	<input checked="" type="checkbox"/>	Location and associated disturbances reclaimed		
	<input type="checkbox"/>	Subsidence		
<b>Spills or Releases (Form 19)</b>	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Yes
<b>Remediation (Form 27/27A)</b>	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Yes
<b>On-Location Flowlines</b>	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Yes
<b>Off-Location Flowlines</b>	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes
<b>Inspection Corrective Actions</b>	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Yes
<b>Sundry Notice (Form 4)</b>	No sundry notice pertaining to series 900-1200 was identified.			
<b>Drone Information</b>	<b>Make &amp; Model:</b> DJI M300			
	<b>Image Processing Software:</b> Pix4Dmapper			
	<b>Pilot Name &amp; FAA Certificate #:</b> Peter Nelson - 4974559			
	<b>Date of FAA Certificate Issuance:</b> 3/19/2024			



## Designated Land Use Observations

Previous Land Use	Current Land Use
Reference Imagery for Infrastructure: NAIP 2015	Remotely Sensed Imagery: 8/14/2024
Designation: Oil and Gas Facility	Designation: Cropland

### **The following imagery sources were reviewed during this investigation:**

NAIP Imagery from 2015 and 2023. Historic Google Earth imagery from 1985-2023.

## Site Observation Notes

No Additional Information

## Closure Information

This final reclamation completion notice is intended to close the WELL RANCH-USXAA-66N63W/19SWSE location which consists of the WELL RANCH-USX AA #19-15 (API # 05-123-26434) wellhead. This wellhead does not share a disturbance with any other wells or tank batteries. The associated tank battery has its own location ID (460840) and will not be closed out in this submission.

The WELL RANCH-USX AA-66N63W/19SWSE location is in Weld County, Colorado East of County Road 61½ and North of County Road 66. There is one off location flowline associated with this well that transported produced fluids to the associated Wells Ranch USX tank battery. This flowline was abandoned November of 2018.

WELL RANCH-USX AA #19-15 was reclaimed and returned to the landowner for agricultural use in 2019. The wellhead was accessed from an unpaved access road north of County Road 66, and was reclaimed with the well disturbance.

There were no spill/releases (Form 19), corrective actions (CA's), or Remediation Workplans (Form 27-I & 27-S) 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	1.35
Access Road	.27
Flowline	Not Included
Tank Battery	Not Included
Well Pad	1.08

## Location Summary



<b>Name:</b>	WELL RANCH-USX AA-66N63W/19SWSE		
<b>Type</b>	Wellhead		
<b>Location ID</b>	310461		
<b>Operator / #</b>	Noble Energy / 100322		
<b>Field</b>	WATTENBERG		
<b>County, State</b>	Weld, Colorado		
<b>Lat/Long</b>	40.466453 / -104.477340		
	Planned Location	X	As Drilled
<b>Location</b>	SWSE 19 6N63W 6		
<b>Facility Status - Date</b>	PA - 11/6/2019		
<b>Facility Entities</b>		Tank Battery	Pits
	X	Wells	X Off-Location Flowlines
		Domestic Taps	On-Location Flowlines
		Electric Utilities	
<b>Equipment on Site</b>	X	No	Yes
		If yes, list:	
		Pit mouse/rat holes, cellars backfilled	
<b>Access Road</b>	X	Regraded	X Contoured
		Culverts Removed	Gravel Removed
		Pre-Existing (Must provide supporting documentation):	
<b>Variance Requests</b>	N/A		
<b>Sundry Notice (Form 4)</b>	No sundry notice pertaining to series 900-1200 rules was identified.		
<b>Off-Location Flowlines Post May 2018 (Form 44)</b>	<b>Form 42 Doc # &amp; Date:</b> 403206301 - 10/24/2022		
	<b>Purpose:</b> Flowlines Abandoned		
	<b>Abandonment Date:</b> 11/10/2018		
	<b>ECMC Approval Date &amp; Signee:</b> 10/24/2022 - 10/24/2022		
	<b>Operator Comments:</b> In order to comply with the needs of the reclamation group, this is an abandonment verification for 426 flowlines that were abandoned between 03/01/2018 and 12/18/2019.		
	<b>Flowline Facility Information</b>		
	<b>ECMC Flowline ID:</b> 469879		
	<b>Operator Flowline ID:</b> N/A		
	<b>Status &amp; Date:</b> N/A		
	<b>Flowline Type:</b> Wellhead Line		
	<b>Type of Fluids Transported:</b> Methane Gas		
	<b>Start Point Location ID:</b> 326854		
	<b>Start Point Riser Lat/Long:</b> 40.331862 / -104.525465		
	<b>Equipment at Start Point:</b> Well Head		
	<b>End Point Location ID:</b> 460840		
<b>End Point Riser Lat/Long:</b> 40.465040 / -104.472600			
<b>Equipment at End Point:</b> Separator			

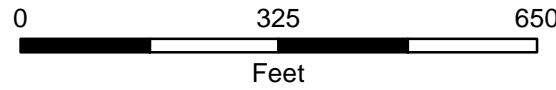
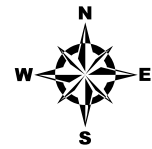
<b>Field Inspection Form (Form INSP)</b>	<b>Form INSP Doc # &amp; Date:</b> 661601932 - 8/13/2012 684905411 - 5/10/2018 696100612 - 3/23/2019		
	<b>Status Summary:</b> 661601932 - Satisfactory 684905411 - NO FOLLOW UP INSPECTION REQUIRED 696100612 - NO FOLLOW UP INSPECTION REQUIRED		
	<b>Inspected Facilities:</b> 661601932 - Well 684905411 - Well 696100612 - Well		
	<b>Inspection Status:</b> 661601932 - PR 684905411 - TA 696100612 - PA		
	<b>Inspection Date &amp; Inspector:</b> 661601932 - 8/13/2012 - Montoya, John 684905411 - 5/10/2018 - Pesicka, Conor 696100612 - 3/23/2019 - Evins, Bret		
	<b>Comments:</b> 661601932 - Passed Interim Reclamation 684905411 - None 696100612 - Well appears to have been P&A.		
<b>Inspection Corrective Actions (CAs)</b>	N/A		
<b>Environmental Incidents &amp; Remediation</b>	<input checked="" type="checkbox"/>	None	Spill or Release (Form 19)
	<input type="checkbox"/>	Remediation (Form 27/27A)	
<b>Spill or Release (Form 19)</b>	N/A		
<b>Site Investigation and Remediation Workplan (Form 27/27A)</b>	N/A		
<b>COGIS Tank Location Information (Scout Card)</b>	<b>Tank Battery Name:</b> Wells Ranch USX		
	<b>Location ID:</b> 460840		
	<b>Status &amp; Date:</b> AC - 8/19/2022		
	<b>Lat/Long:</b> 40.466453 / -104.477340		
	<b>Notes:</b> N/A		
	<b>Form 4 Doc # &amp; Date:</b> N/A <b>Purpose:</b> N/A		
<b>COGIS Well Information (Scout Card)</b>	<b>Well Name:</b> WELL RANCH-USX AA #19-15		
	<b>Facility ID:</b> 293012		
	<b>Status &amp; Date:</b> PA - 11/6/2019		
	<b>Lat/Long:</b> 40.466453 / -104.477340		
	<b>Notes:</b> N/A		
	<b>Form 4 Doc # &amp; Date:</b> N/A <b>Purpose:</b> N/A		

## **Pre-Plugging Active Operations Location Overview**



PDC Form 4 Final Reclamation - Pre Plugging Overview

WELL RANCH-USX AA 19-15

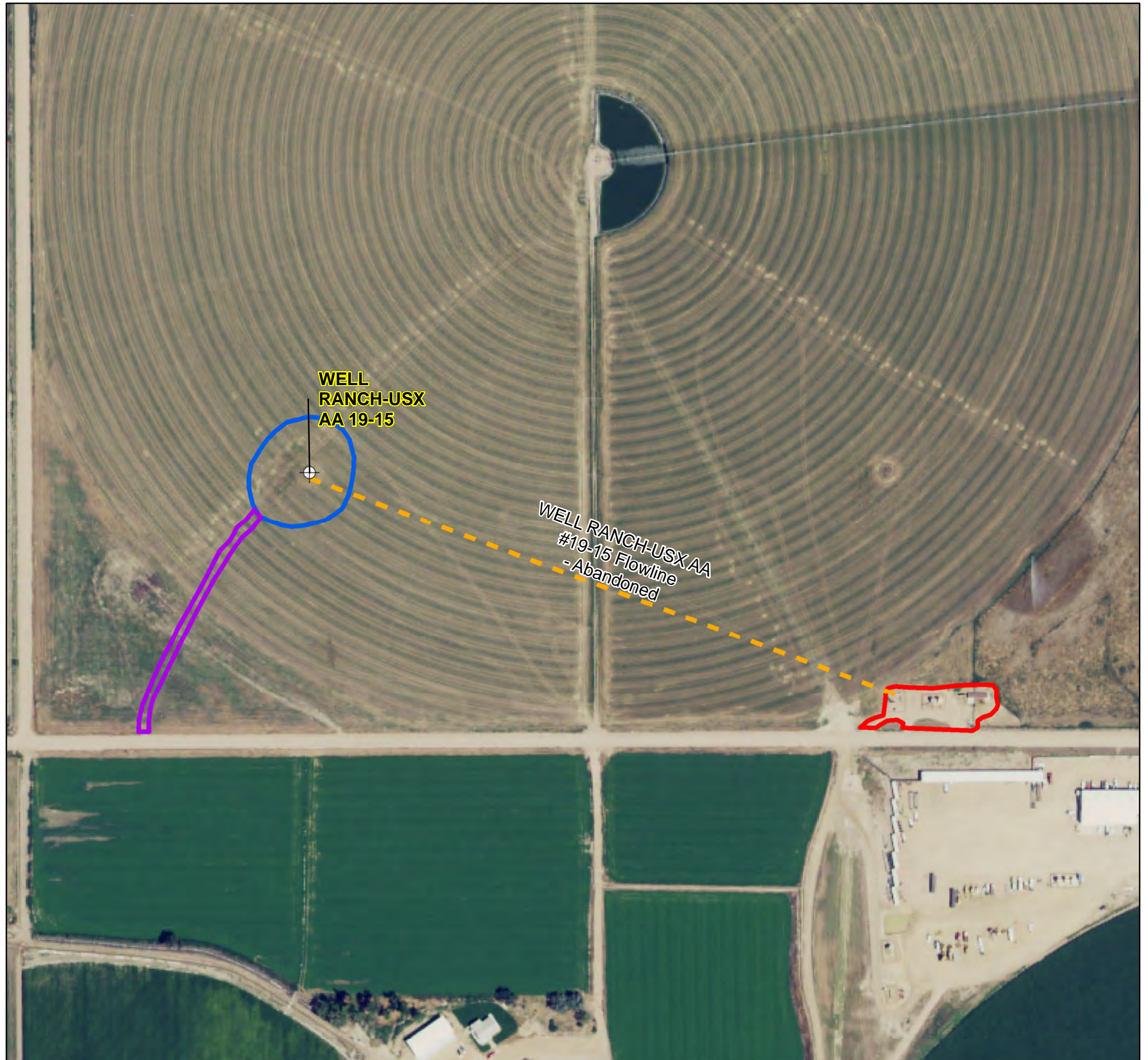
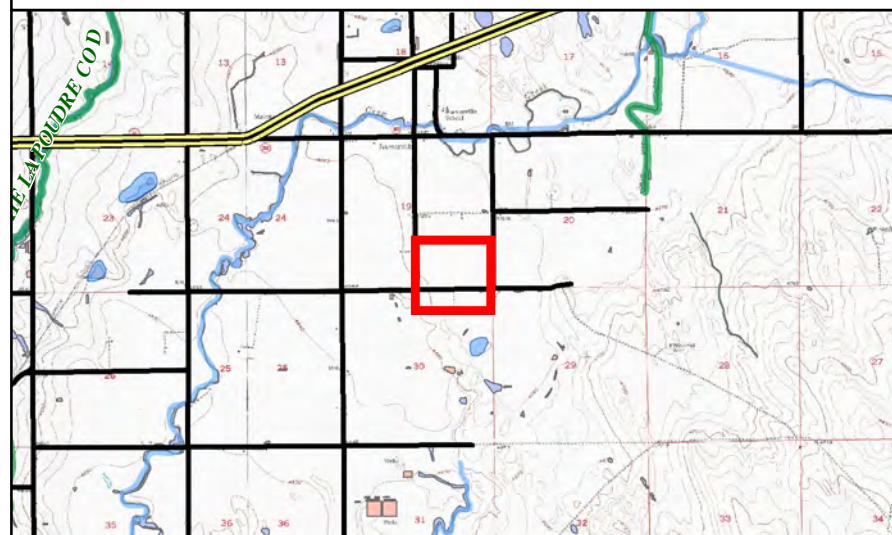


Editor: ihattabaugh  
File: PDC\_Drone\_Rec\_PrePlugging\_DDP

Prepared by:  
Scale: 1:2,900  
Date: 11/20/2024

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

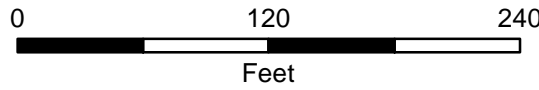
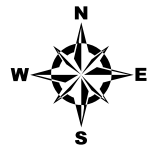
NAIP 2015 Imagery





### PDC Form 4 Final Reclamation - Pre Plugging Overview

WELL RANCH-USX AA 19-15 WH

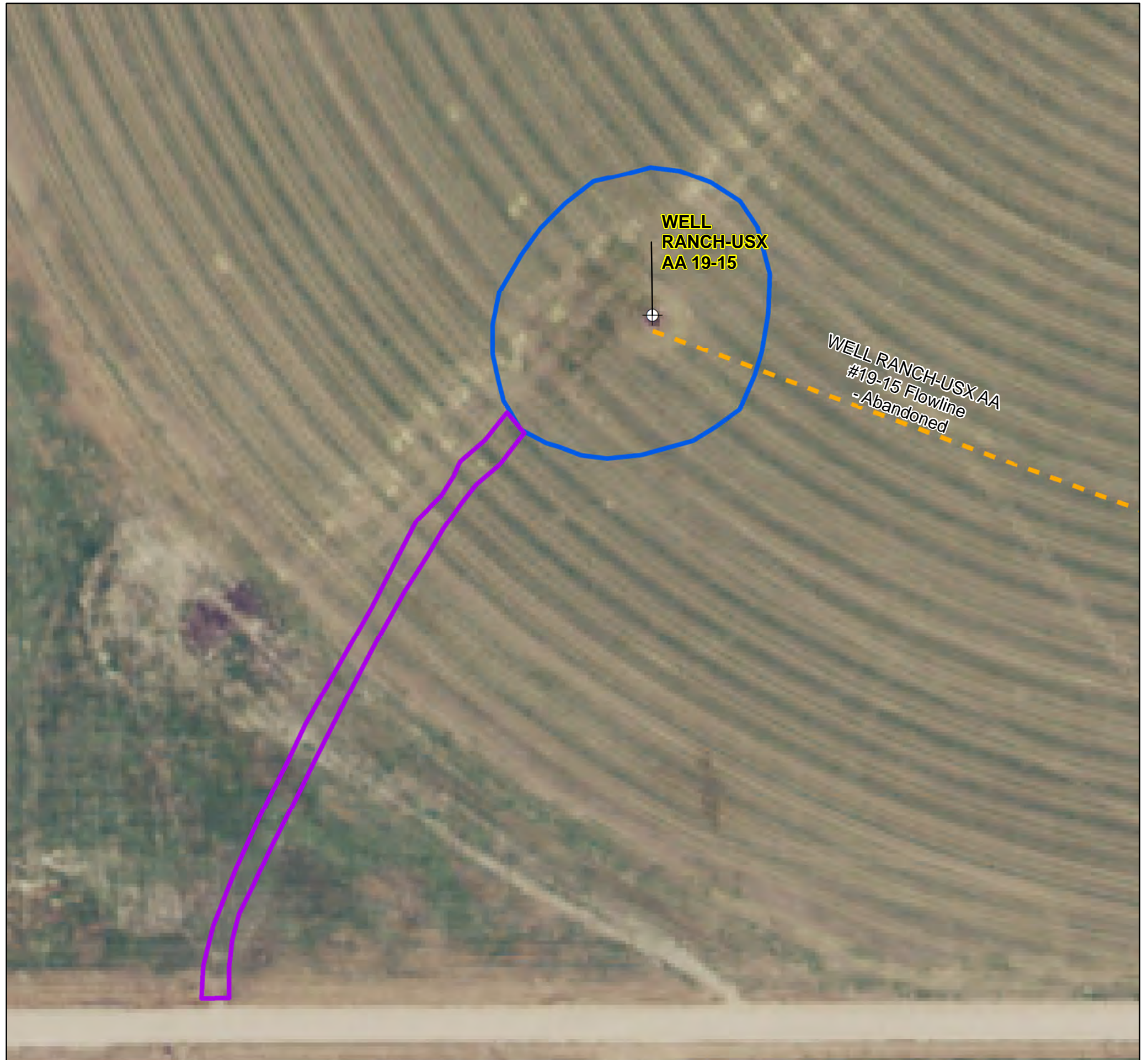
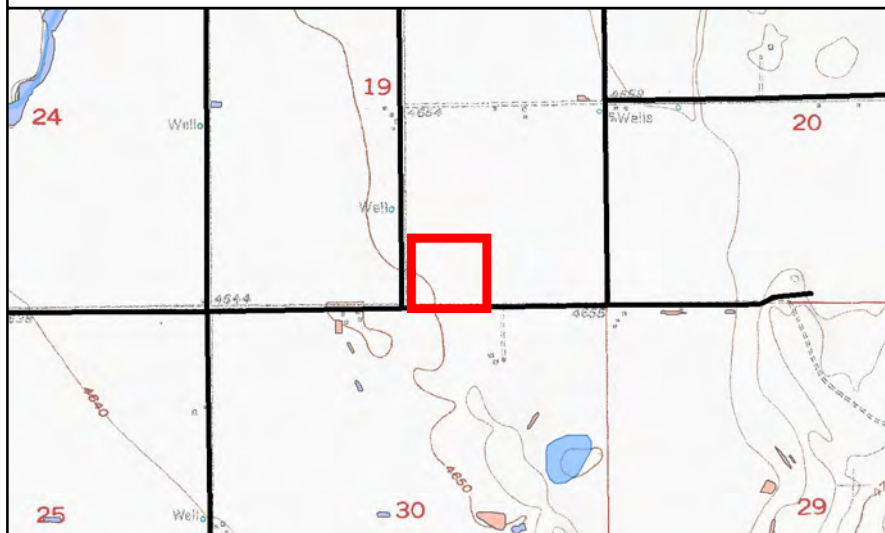


Editor: ihattabaugh  
File: PDC\_Drone\_Rec\_PrePlugging\_DDP

Prepared by:  
Scale: 1:1,100  
Date: 11/20/2024

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

NAIP 2015 Imagery



## Post-Plugging and Abandonment Location Overview



### PDC Form 4 Final Reclamation - Post Plugging Overview

WELL RANCH-USX AA 19-15



Prepared by:



Editor: ihattabaugh

Scale:1:3,000

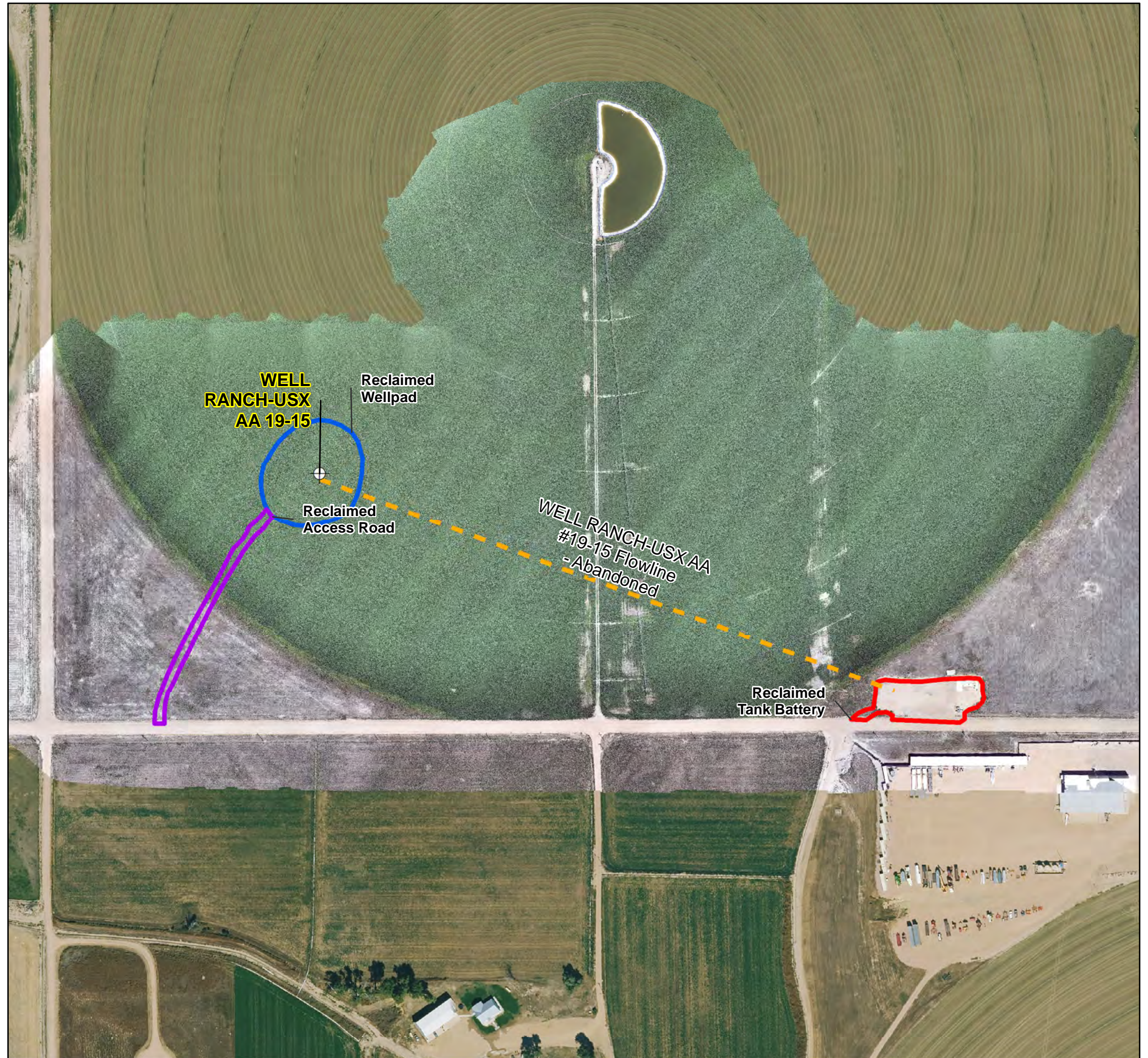
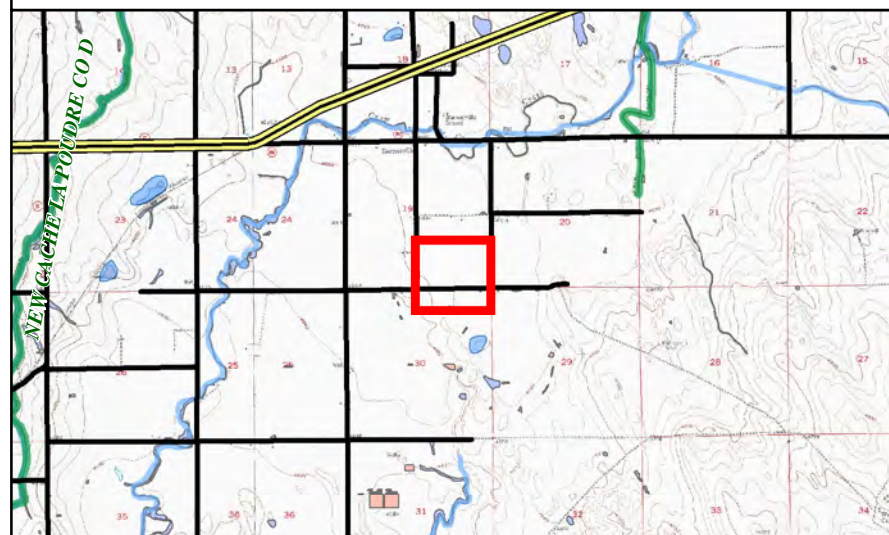
File: PDC\_Drone\_Rec\_PostPlugging\_DDP

Date: 11/20/2024

⊕ Well Head

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

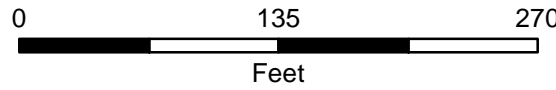
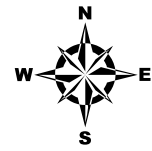
2024 Drone Imagery





### PDC Form 4 Final Reclamation - Post Plugging Overview

WELL RANCH-USX AA 19-15 WH

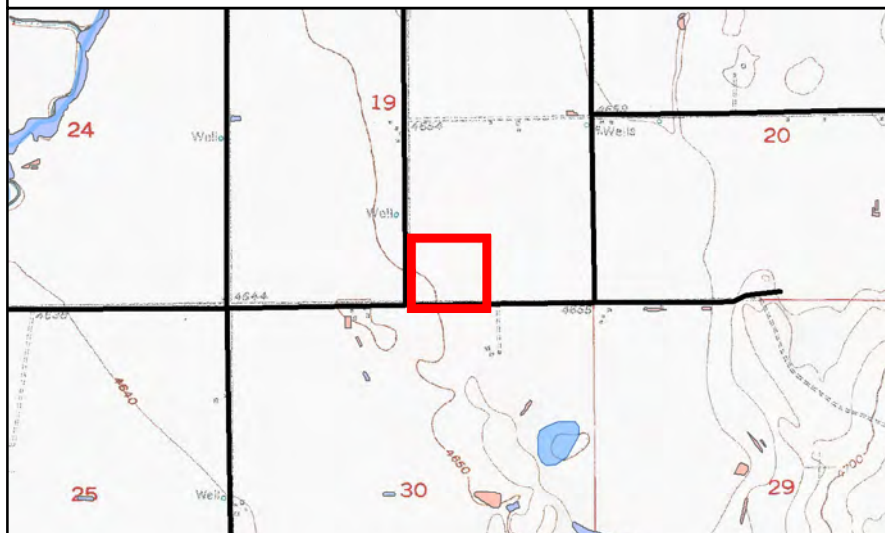


Editor: ihattabaugh  
File: PDC\_Drone\_Rec\_PostPlugging\_DDP

Prepared by:  
Scale: 1:1,200  
Date: 11/20/2024

- 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:

8/14/2024

Drone Photo Height:

150'

North of Disturbance Facing South  
Lat/Long: 40.46704114/ -104.47730378



South of Disturbance Facing North  
Lat/Long: 40.46574833/ -104.47730328



West of Disturbance Facing East

Lat/Long: 40.46646900/ -104.47816233



East of Disturbance Facing West

Lat/Long: 40.46649206 /-104.47594169



# Cardinal Direction Drone Photos of the Reference Area

Photo Dates:

8/14/2024

Drone Photo Height:

150'

Reference Area North of the Reclaimed Area  
Lat/Long: 40.46704089/ -104.47730358



Reference Area South of the Reclaimed Area  
Lat/Long: 40.46575111/ -104.47729731



Reference Area West of the Reclaimed Area  
Lat/Long: 40.46646414/ -104.47816300



Reference Area East of the Reclaimed Area  
Lat/Long: 40.46648219/ -104.47615475



## Reference Photo for Cropland Growth Stage

Cropland Reference Photo (Alfalfa)  
Lat/Long: 40.46529833/ -104.47252667



08.14.2024