



# Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

## Permit Closure Report – Cropland

**Location ID:** 306473

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

## Report Date:

11/7/2024

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>	WELLS RANCH-USX AA-66N63W/19SWSE - 306473		
<b>County</b>	Weld		
<b>Well Information</b>	<b>Well Name:</b> WELLS RANCH-USX AA #19-23		
	<b>Well API #:</b> 05-123-24725		
	<b>Lat/Long As Drilled:</b> 40.468150 / -104.475080		
	<b>Plug date &amp; Form 6S Doc. #:</b> 11/9/2018 - 401719174		
<b>Facility Entities</b>		Tank Battery	Pits
	X	Wells	On-Location Flowlines
		Domestic Taps	X Off-Location Flowlines
<b>Equipment on Site</b>	X	None	Debris
		Pit mouse/rat holes, cellars backfilled	
<b>Access Road</b>		Regraded	Contoured
		Culverts removed	Gravel removed
	X	Pre-existing: must provide supporting documentation	
<b>Reclamation Status</b>	X	Location and associated disturbances reclaimed	
		Subsidence	
<b>Spills or Releases (Form 19)</b>	X	No	Yes
<b>Remediation (Form 27/27A)</b>	X	No	Yes
<b>On-Location Flowlines</b>	X	No	Yes
<b>Off-Location Flowlines</b>		No	X Yes
<b>Inspection Corrective Actions</b>	X	No	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 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 WELLS RANCH-USX AA-66N63W/19SWSE location which consists of the WELLS RANCH-USX AA #19-23 (API # 05-123-24725) well head. This well head 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 WELLS RANCH-USX AA-66N63W 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 tank battery. This flowline was removed in 2019.

WELLS RANCH-USX AA #19-23 was reclaimed and returned to the landowner for agricultural use in 2019. The wellhead was accessed from a pre-existing access road used to access the central-pivot irrigation north of County Road 66, and still remains as of 11/7/2024.

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	1.08
Access Road	Not included
Flowline	Not Included
Tank Battery	Not Included
Well Pad	1.08

## Location Summary




<b>Name:</b>	WELLS RANCH-USX AA-66N63W/19SWSE		
<b>Type</b>	Wellhead		
<b>Location ID</b>	306473		
<b>Operator / #</b>	Noble Energy / 100322		
<b>Field</b>	WATTENBERG		
<b>County, State</b>	Weld, Colorado		
<b>Lat/Long</b>	40.468150 / -104.475080		
	Planned Location	X	As Drilled
<b>Location</b>	SWSE 19 6N63W 6		
<b>Facility Status - Date</b>	PA - 11/9/2018		
<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>		Regraded	Contoured
		Culverts Removed	Gravel Removed
	X	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 44 Doc # &amp; Date:</b> 403206301 - 10/24/2022		
	<b>Purpose:</b> Flowlines Abandoned		
	<b>Abandonment Date:</b> 12/18/2019		
	<b>ECMC Approval Date &amp; Signee:</b> 10/24/2022 - Rochelle Messick		
	<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> Noble Flowline System		
	<b>Status &amp; Date:</b> Abandoned - 12/18/2019		
	<b>Flowline Type:</b> Wellhead Line		
	<b>Type of Fluids Transported:</b> Multiphase		
	<b>Start Point Location ID:</b> 306473		
	<b>Start Point Riser Lat/Long:</b> 40.468150 / -104.475080		
	<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			

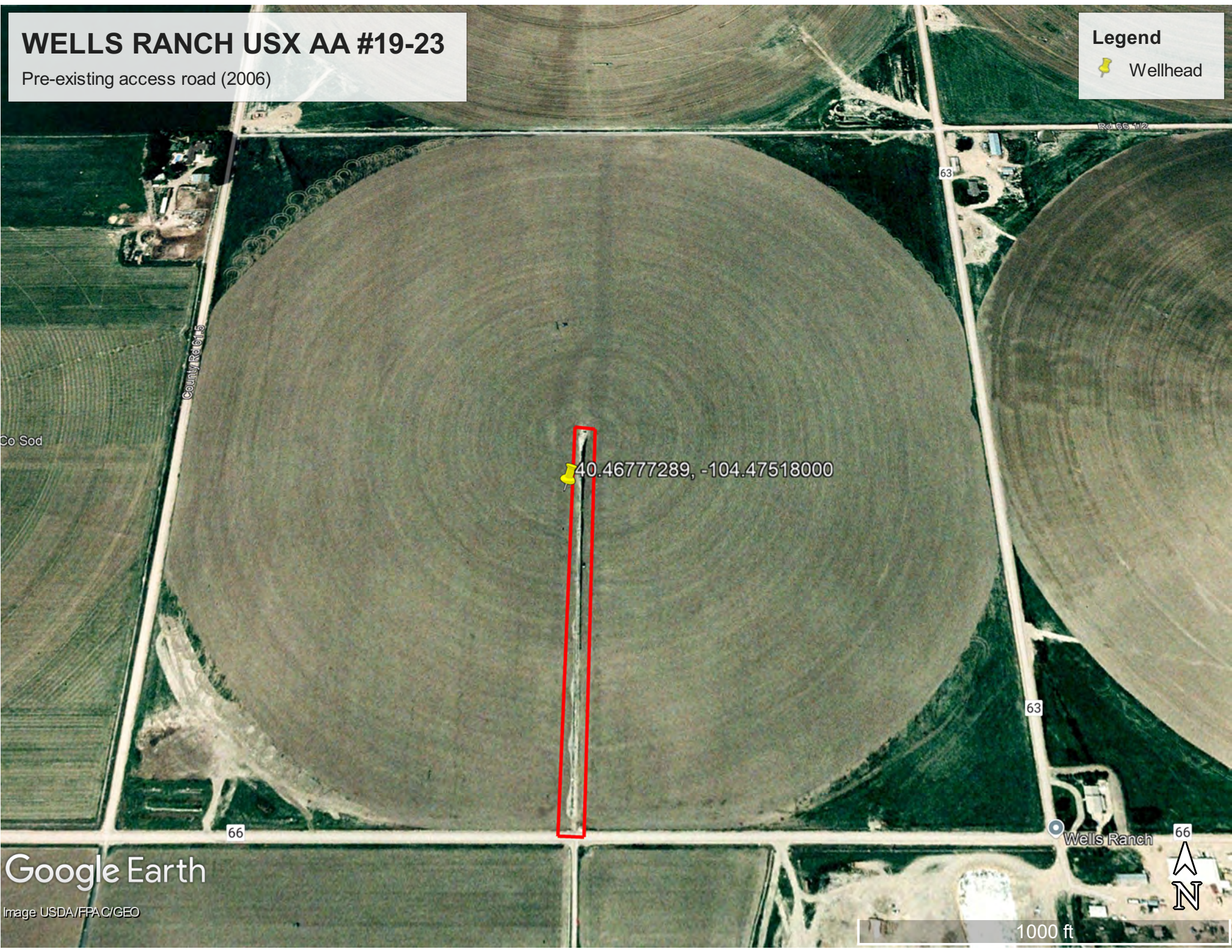
<b>Field Inspection Form (Form INSP)</b>	<b>Form INSP Doc # &amp; Date:</b> 661601934 -08/13/2012 684905409 - 5/10/2018 696100614 - 3/23/2019		
	<b>Status Summary:</b> 661601934 - Satisfactory 684905409 - NO FOLLOW UP INSPECTION REQUIRED 696100612 - NO FOLLOW UP INSPECTION REQUIRED		
	<b>Inspected Facilities:</b> 661601932 - Well 684905409 - Well 696100614 - Well		
	<b>Inspection Status:</b> 661601934 - PR 684905409 - SI 696100614 - PA		
	<b>Inspection Date &amp; Inspector:</b> 661601934 - 8/13/2012 - Montoya, John 684905409 - 5/10/2018 - Pesicka, Conor 696100614 - 3/23/2019 - Evins, Bret		
	<b>Comments:</b> 661601934 - None 684905409 - None 696100614 - 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> 40.465040 / -104.472600		
	<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> WELLS RANCH-USX AA #19-23		
	<b>Facility ID:</b> 289050		
	<b>Status &amp; Date:</b> PA - 11/9/2018		
	<b>Lat/Long:</b> 40.468150 / -104.475080		
	<b>Notes:</b> N/A		
	<b>Form 4 Doc # &amp; Date:</b> N/A <b>Purpose:</b> N/A		


# WELLS RANCH USX AA #19-23

Pre-existing access road (2006)

## Legend

 Wellhead



 40.46777289, -104.47518000

Google Earth

Image USDA/FPA/C/GEO

1000 ft

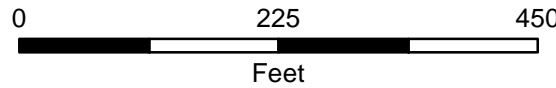
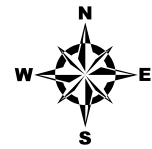


## **Pre-Plugging Active Operations Location Overview**



PDC Form 4 Final Reclamation - Pre Plugging Overview

WELLS RANCH-USX AA #19-23

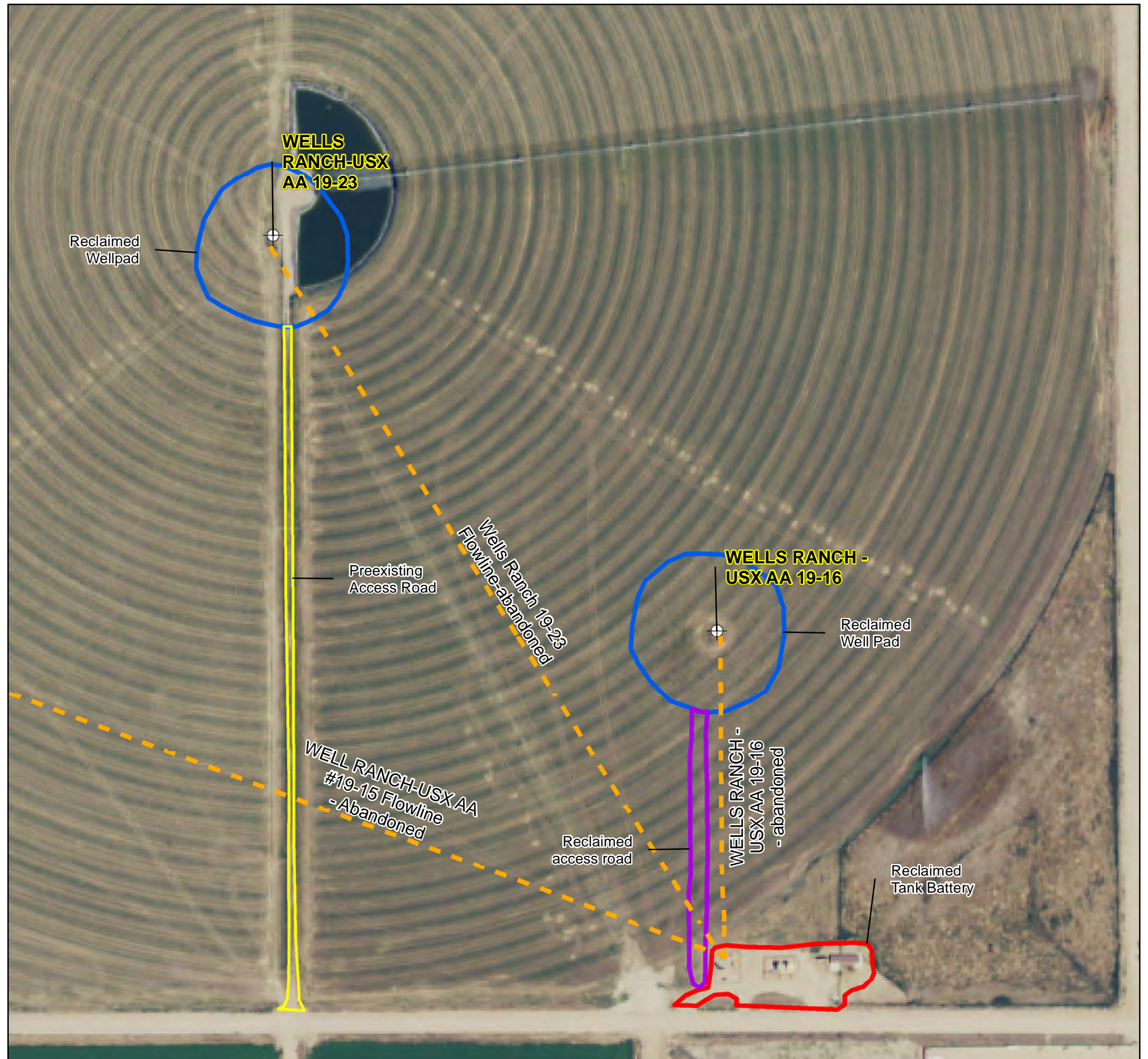
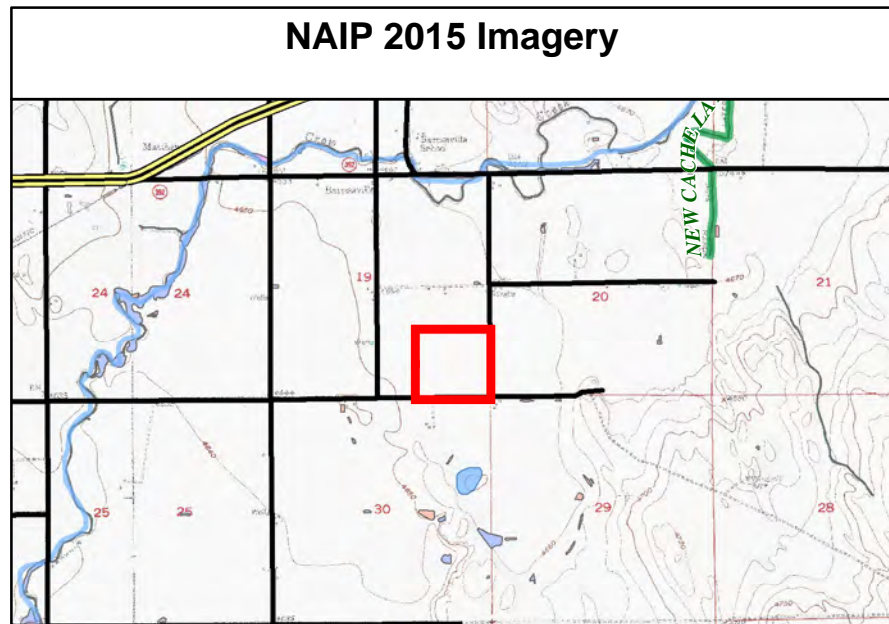


Editor: CDenison  
File: PDC\_Drone\_Rec\_PrePlugging\_DDP

Scale:1:2,000  
Date: 11/27/2024

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

NAIP 2015 Imagery

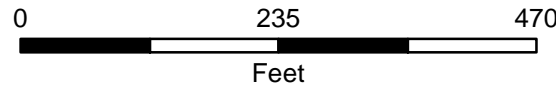
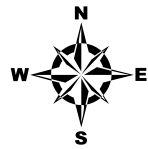


## Post-Plugging and Abandonment Location Overview



PDC Form 4 Final Reclamation - Post Plugging Overview

WELLS RANCH-USX AA #19-23



Prepared by:



Editor: CDenison

File: PDC\_Drone\_Rec\_PostPlugging\_DDP

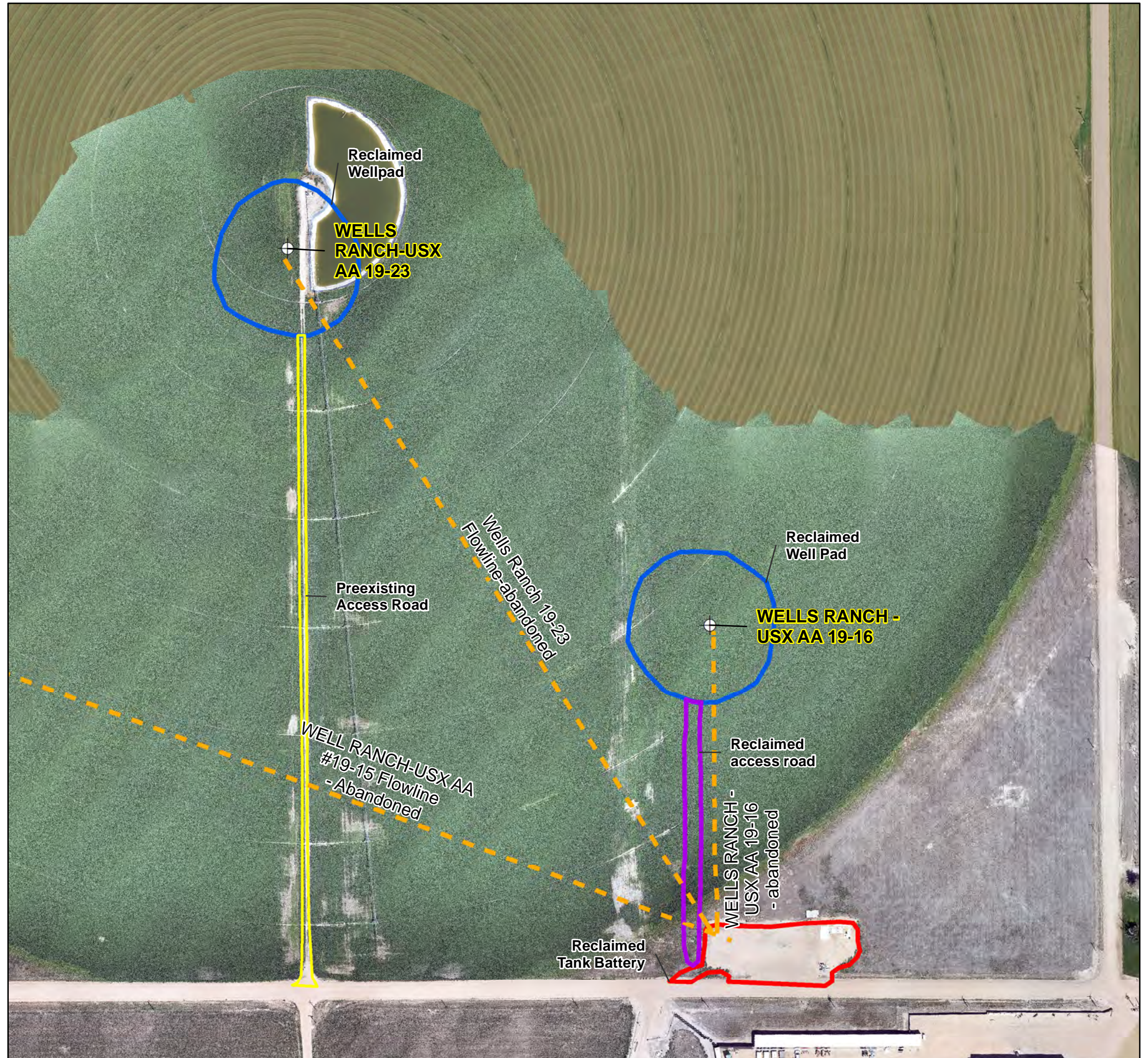
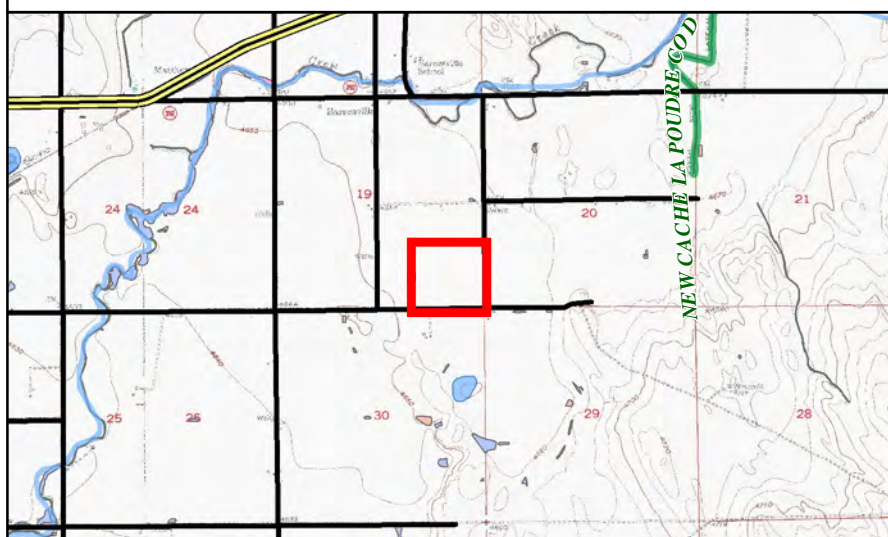
Scale:1:2,100

Date: 11/27/2024

⊕ Well Head

- Other
- Reclaimed Tank Battery Disturbance
- 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: 40.46893228/ -104.47515050



South of Disturbance Facing North  
Lat/Long: 40.46777933/ -104.47518983



West of Disturbance Facing East  
Lat/Long: 40.46821269/ -104.47617619



East of Disturbance Facing West  
Lat/Long: 40.46838931/-104.47454119



# 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: 40.46893403/ -104.47515386



Reference Area South of the Reclaimed Area  
Lat/Long: 40.46777289/ -104.47518000



Reference Area West of the Reclaimed Area  
Lat/Long: 40.46820997/ -104.47616131



Reference Area East of the Reclaimed Area  
Lat/Long: 40.46839219/ -104.47454839



**Reference Photo for Cropland Growth Stage**

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



08.14.2024