

## Location Checklist



<b>Operator / #</b>	PDC ENERGY INC - 69175			
<b>Name / Location ID</b>	STROHAUER #32-1/ 326952			
<b>County</b>	WELD #123			
<b>Well Information</b>	<b>Well Name:</b> STROHAUER #32-1			
	<b>Well API #:</b> 05-123-13910			
	<b>Lat/Long As Drilled:</b> 40.350752, -104.680474			
	<b>Plug date &amp; Form 6S Doc. #:</b> 12/15/2021 #402963070			
<b>Facility Entities</b>	X	Tank Battery		Pits
	X	Wells		On-Location Flowlines (Form 42): Doc. #
		Domestic Taps	X	Off-Location Flowlines (Form 44): Doc. #402999390
<b>Equipment on Site</b>	X	None	X	Debris
		Pit mouse/rat holes, cellars backfilled		
<b>Access Road</b>	X	Regraded		Contoured
		Culverts removed		Gravel removed
		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>		No	X	Yes
<b>On-Location Flowlines</b>	X	No		Yes
<b>Off-Location Flowlines</b>		No	X	Yes
<b>Inspection Corrective Actions</b>		No	X	Yes
<b>Sundry Notice (Form 4)</b>	<b>Form 4 Doc. # &amp; Date:</b> NA			
	<b>Purpose:</b> NA			
	<b>Comments:</b> NA			
	<b>Attachments:</b> NA			
<b>Drone Information</b>	<b>Make &amp; Model:</b> DJI Mavic Air 2			
	<b>Image Processing Software:</b> Raw			
	<b>Pilot Name &amp; FAA Certificate #:</b> Kooper Cline #4819123			
	<b>Date of FAA Certificate Issuance:</b> 4/14/2023			



# Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

## Permit Closure Report – Cropland

**Location ID:** 326952

**Location Name:** Strohauer 32-1

## Report Date:

5/10/2024

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	7/24/2023

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

## Location Summary



<b>Name:</b>	STROHAUER #32-1		
<b>Type</b>	Well		
<b>Location ID</b>	326952		
<b>Operator / #</b>	PDC ENERGY INC - 69175		
<b>Field</b>	WATTENBERG - #90750		
<b>County, State</b>	WELD #123		
<b>Lat/Long</b>	40.350752, -104.680474		
	<input type="checkbox"/> Planned Location	<input checked="" type="checkbox"/>	As Drilled
<b>Location</b>	SESE 32 5N65W 6		
<b>Facility Status - Date</b>	PA - 2/8/2022		
<b>Facility Entities</b>	<input checked="" type="checkbox"/>	Tank Battery	<input type="checkbox"/> Pits
	<input checked="" type="checkbox"/>	Wells	<input checked="" type="checkbox"/> Off-Location Flowlines (Form 44)
	<input type="checkbox"/>	Domestic Taps	<input type="checkbox"/> On-Location Flowlines (Form 42)
	<input type="checkbox"/>	Electric Utilities	
<b>Equipment on Site</b>	<input checked="" type="checkbox"/>	No	<input type="checkbox"/> Yes
	<input type="checkbox"/>	If yes, list:	
	<input type="checkbox"/>	Pit mouse/rat holes, cellars backfilled	
<b>Access Road</b>	<input checked="" type="checkbox"/>	Regraded	<input type="checkbox"/> Contoured
	<input type="checkbox"/>	Culverts Removed	<input type="checkbox"/> Gravel Removed
	<input type="checkbox"/>	Pre-Existing (Must provide supporting documentation):	
<b>Variance Requests</b>	No variance requests were identified		
<b>Sundry Notice (Form 4)</b>	No Sundry notices related to a 900, 1000, 1100, or 1200 Series Rule		
<b>On Location Flowlines (Form 42)</b>	No Form 42 was identified		
<b>Off-Location Flowlines (Form 44)</b>	<b>Form 44 Doc # &amp; Date:</b> #402999390 03/30/2022		
	<b>Purpose:</b> FLOWLINE SYSTEM ABANDONMENT VERIFICATION		
	<b>Abandonment Date:</b> 02/28/2022		
	<b>ECMC Approval Date &amp; Signee:</b> 3/6/2024 Director of COGCC		
	<b>Operator Comments:</b>		
	<b>Flowline Facility Information</b>		
	<b>ECMC Flowline ID:</b> 479253		
	<b>Operator Flowline ID:</b> 0512313910		
	<b>Status &amp; Date:</b> AC - 2/14/2020		
	<b>Flowline Type:</b> Wellhead Line		
	<b>Type of Fluids Transported:</b> Produced fluids		
	<b>Start Point Location ID:</b> 326952		
	<b>Start Point Riser Lat/Long:</b> 40.350752, -104.680474		
	<b>Equipment at Start Point:</b> Well Site		
<b>End Point Location ID:</b> 430111			
<b>End Point Riser Lat/Long:</b> 40.351622, -104.680994			
<b>Equipment at End Point:</b> Separator			
<b>Field Inspection Form (Form INSP)</b>	<b>Form INSP Doc # &amp; Date:</b> 679600476 03/11/2019		
	<b>Status Summary:</b>		
	THIS IS A FOLLOW UP INSPECTION NO FOLLOW UP INSPECTION REQUIRED		
	<b>Inspected Facilities:</b> 246113		
	<b>Inspection Status:</b> PR - 12/01/2018		
	<b>Inspection Date &amp; Inspector:</b> 03/11/2019 Santistevan, Brittani		
<b>Comments:</b>			

<b>Inspection Corrective Actions (CAs)</b>	All corrective actions from previous inspection (Doc# 691300317) have been corrected. Doc #691300317 CA: Weeds are overgrown at wellheads. Comply with 603.f Extended corrective action timeframe to accommodate crop(wheat) harvest.		
<b>Environmental Incidents &amp; Remediation</b>	None		Spill or Release (Form 19)
<b>Spill or Release (Form 19)</b>	X Remediation (Form 27/27A)		
<b>Spill or Release (Form 19)</b>	NA		
<b>Site Investigation and Remediation Workplan (Form 27/27A)</b>	<p><b>Remediation Project #:</b> 21330</p> <p><b>Form 27 Initial Doc # &amp; Date:</b> 402894422 12/17/2021</p> <p><b>Purpose:</b> Rule 913.c.(9): Decommissioning of Oil and Gas Facilities.</p> <p><b>Notes:</b></p> <p><b>Form 27 Supplemental Docs # &amp; Date:</b> #403032567 05/04/2022</p> <p><b>Purpose:</b> Decommissioning of Oil and Gas Facilities.</p> <p><b>Operator Comments:</b> Based on the analytical results and field observations recorded during the closure and abandonment of the Strohauser 32-1 wellhead and associated flowline, PDC is submitting a closure request for this location.</p> <p><b>ECMC Comments:</b></p> <p><b>ECMC COAs:</b> Based on the information presented, it appears that no further remedial 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. This no further action determination is limited to environmental remediation. Operator is required to comply with COGCC 1100 Series Rules for Flowline Regulations for all Flowline Abandonment activities and COGCC 400 Series Rules for Wellhead Plugging and Abandonment. The surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules. For locations with active ongoing oil and gas operations, comply with Rule 1003 interim reclamation requirements and for locations that will no longer have active oil and gas operations, comply with Rule 1004 Final Reclamation requirements.</p> <p><b>Closure Request Approved:</b> Kari Brown 06/15/2022</p> <p><b>Final Resolution:</b> 06/15/2022</p>		
<b>COGIS Tank Facilities Information (Scout Card)</b>	<p><b>Tank Battery Name:</b> Bostron #01 Tank</p> <p><b>Location ID:</b> 430111</p> <p><b>Status &amp; Date:</b> AC - 2/14/2020</p> <p><b>Lat/Long:</b> 40.351750, -104.680900</p> <p><b>Notes:</b></p> <p><b>Form 4 Doc # &amp; Date:</b> NA</p> <p><b>Purpose:</b> NA</p>		
<b>COGIS Well Information (Scout Card)</b>	<p><b>Well Name:</b> STROHAUSER #32-1</p> <p><b>Facility ID:</b> 246113</p> <p><b>Status &amp; Date:</b> PA - 2/8/2022</p> <p><b>Lat/Long:</b> 40.350225, -104.680248</p> <p><b>Notes:</b></p> <p><b>Form 4 Doc # &amp; Date:</b> NA</p> <p><b>Purpose:</b> NA</p>		



## Designated Land Use Observations

Previous Land Use	Current Land Use
Reference Imagery for Infrastructure: NAIP 2013	Remotely Sensed Imagery: 5/29/2023
Designation: Oil and Gas Facility	Designation: Cropland

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

NAIP Imagery 2013 and 2023 and historic Google Earth imagery

## Site Observation Notes

No Additional Information

## Closure Information

This final reclamation completion notice is to close out the STROHAUER #32-1 well (API # 05-123-13910); the associated STROHAUER F-32-21D well (API # 05-123-31531) will remain open and tied to the Bostron #01 Tank Battery (430111).

The STROHAUER #32-1 well is located in Weld County, Colorado near the intersection of County Road 50 and West County Road 41 in La Salle, Colorado. There is one off-location flowline between this wellhead and the Bostron #01 Tank Battery. The STROHAUER #32-1 well was closed and reclaimed in 2/2022. This wellhead was accessed from an unnamed and existing agricultural access road along County Road 50.

A corrective action was issued on 06/20/2018 for overgrown weeds at the wellhead, which was addressed in the follow up inspection on 05/04/2022. A form 27 was filed for the notice of abandonment for the STROHAUER 32-1 and removal of the associated flowlines, remediation project # 21330. On February 8, 2022, field screening and confirmation soil sampling was conducted in accordance with the COGCC Rule 911 during the decommissioning and closure of the former STROHAUER #32-1 well and associated flowlines. Sampled soils and groundwater both meet Table 915-1 standards. Following wellhead and flowline abandonment activities, the location was backfilled, compacted, and re-contoured to match pre-existing conditions. The location was reclaimed in accordance with the COGCC 1000 series.

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



## Summary Acreage Table

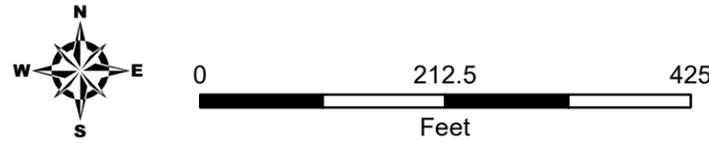
Description	Acres
Historic Disturbance Extent	.22
Access Road	0.03
Flowline	.1
Tank Battery	Not Included
Well Pad	0.09

**Pre-Plugging Active Operations Location Overview**



# PDC Form 4 Final Reclamation - Pre Plugging Overview

Strohauer 32-1



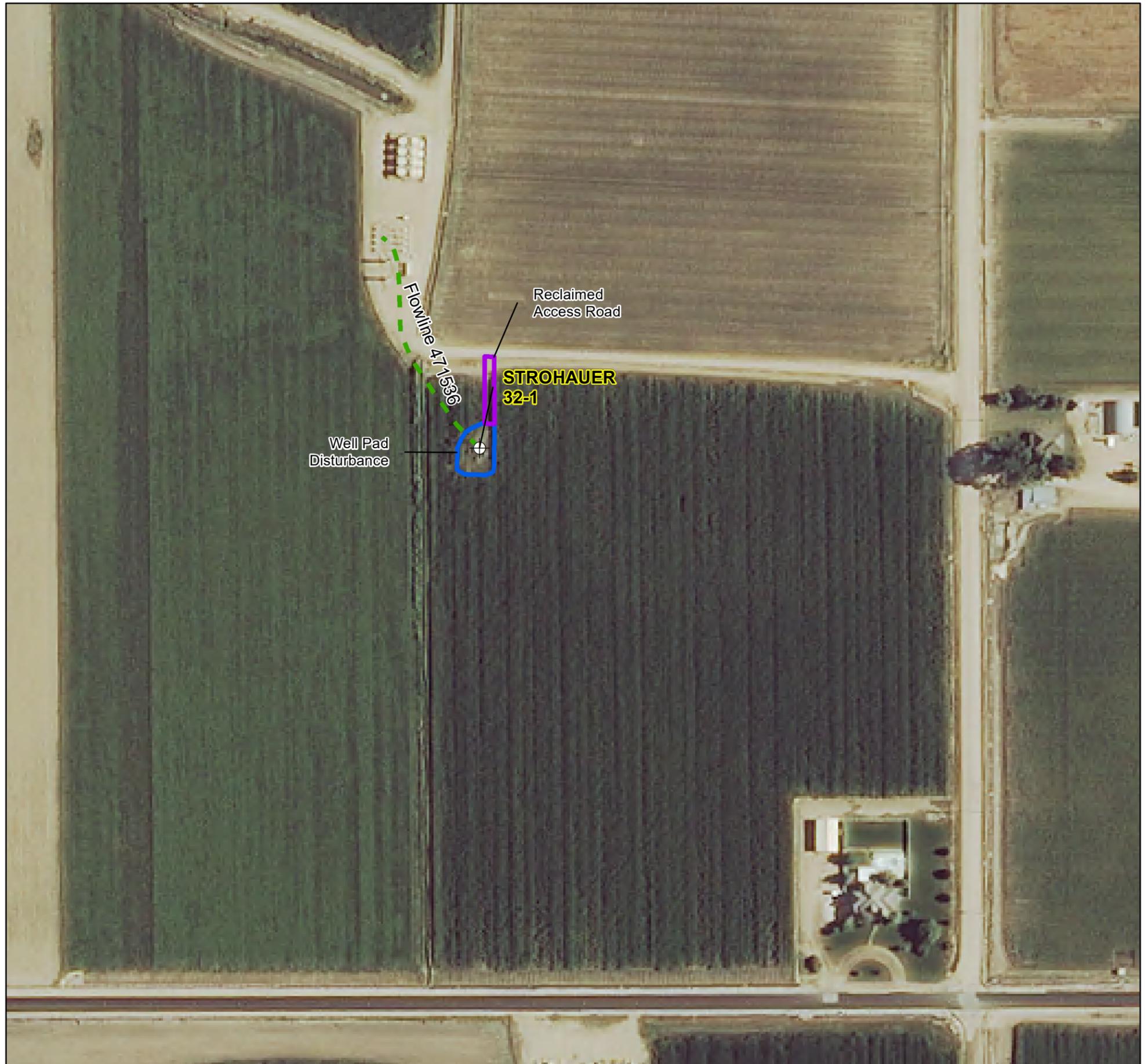
Prepared by:



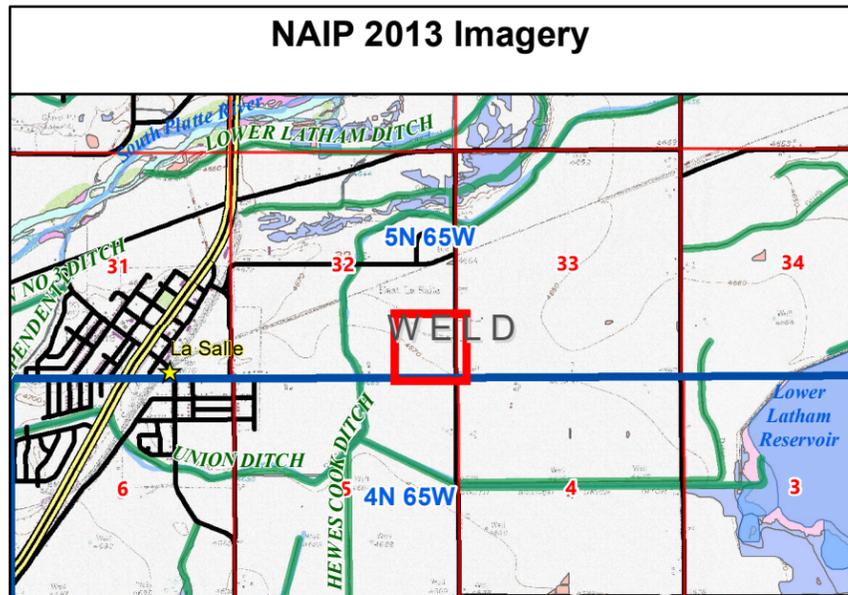
Editor: CDenison  
File: PDC\_Drone\_Rec\_DDP

Scale: 1:1,900  
Date: 5/1/2024

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



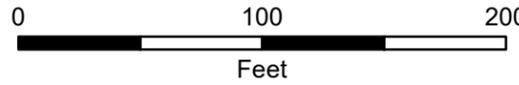
NAIP 2013 Imagery





# PDC Form 4 Final Reclamation - Pre Plugging Overview

Strohauer 32-1



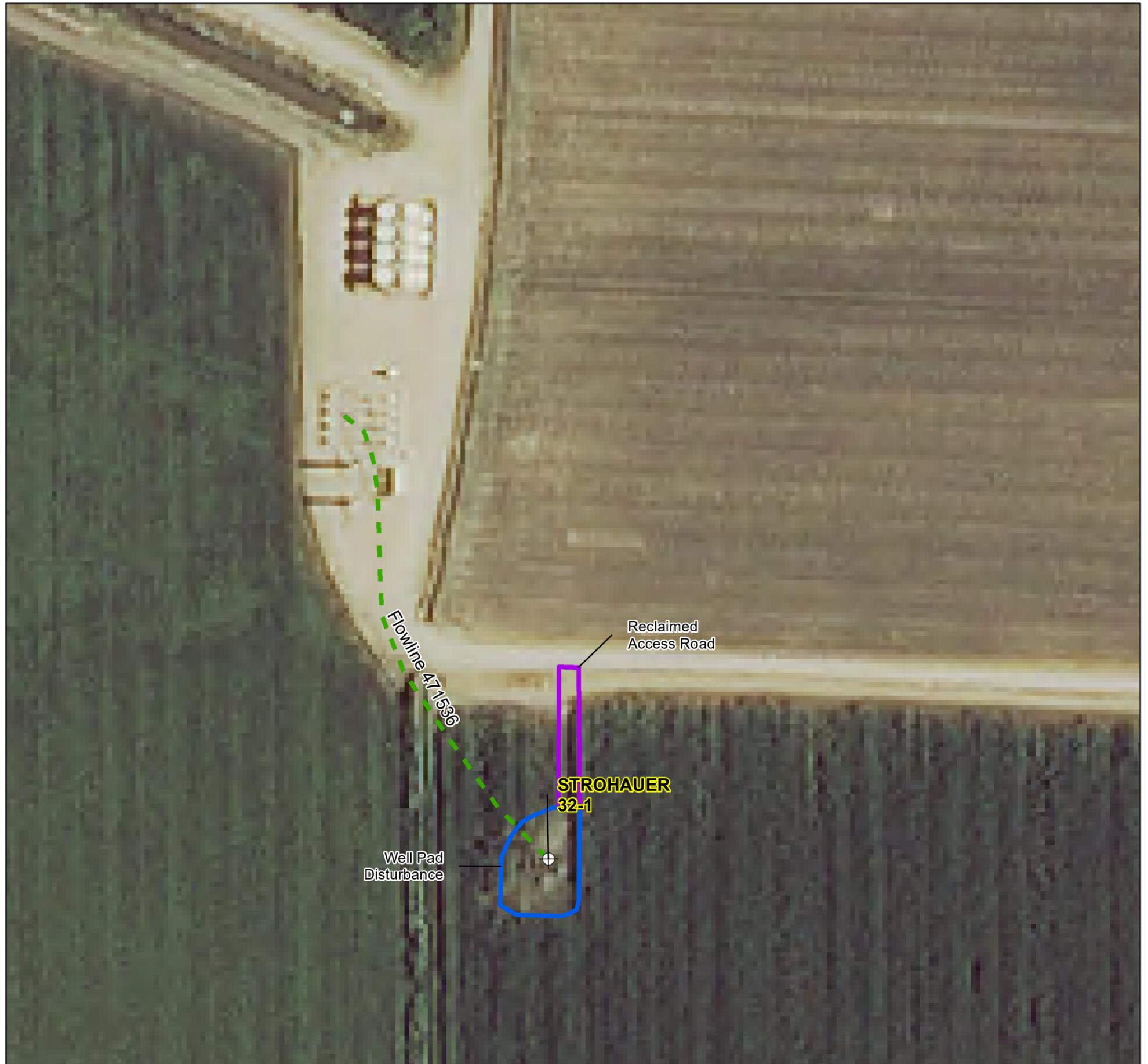
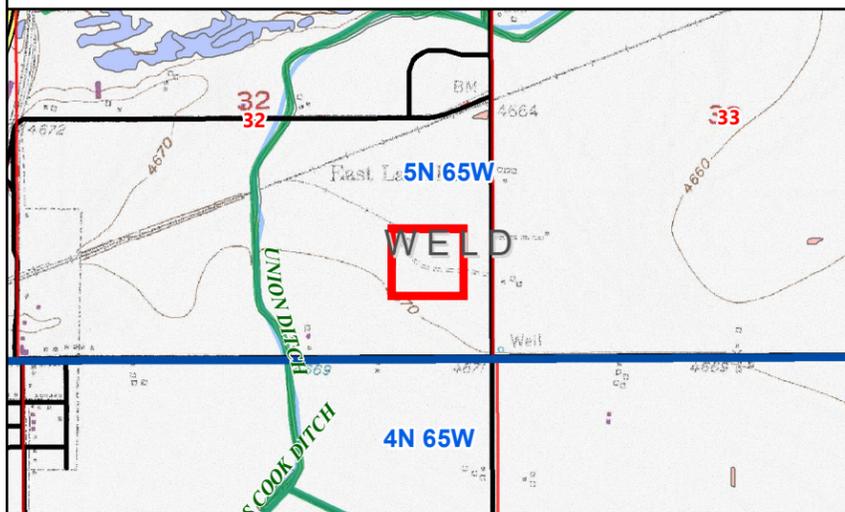
Prepared by:

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

Scale: 1:900  
Date: 5/1/2024

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

NAIP 2013 Imagery

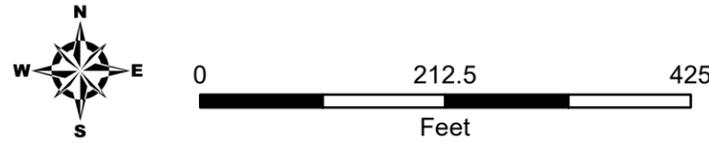


## **Post-Plugging and Abandonment Location Overview**



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

Strohauer 32-1

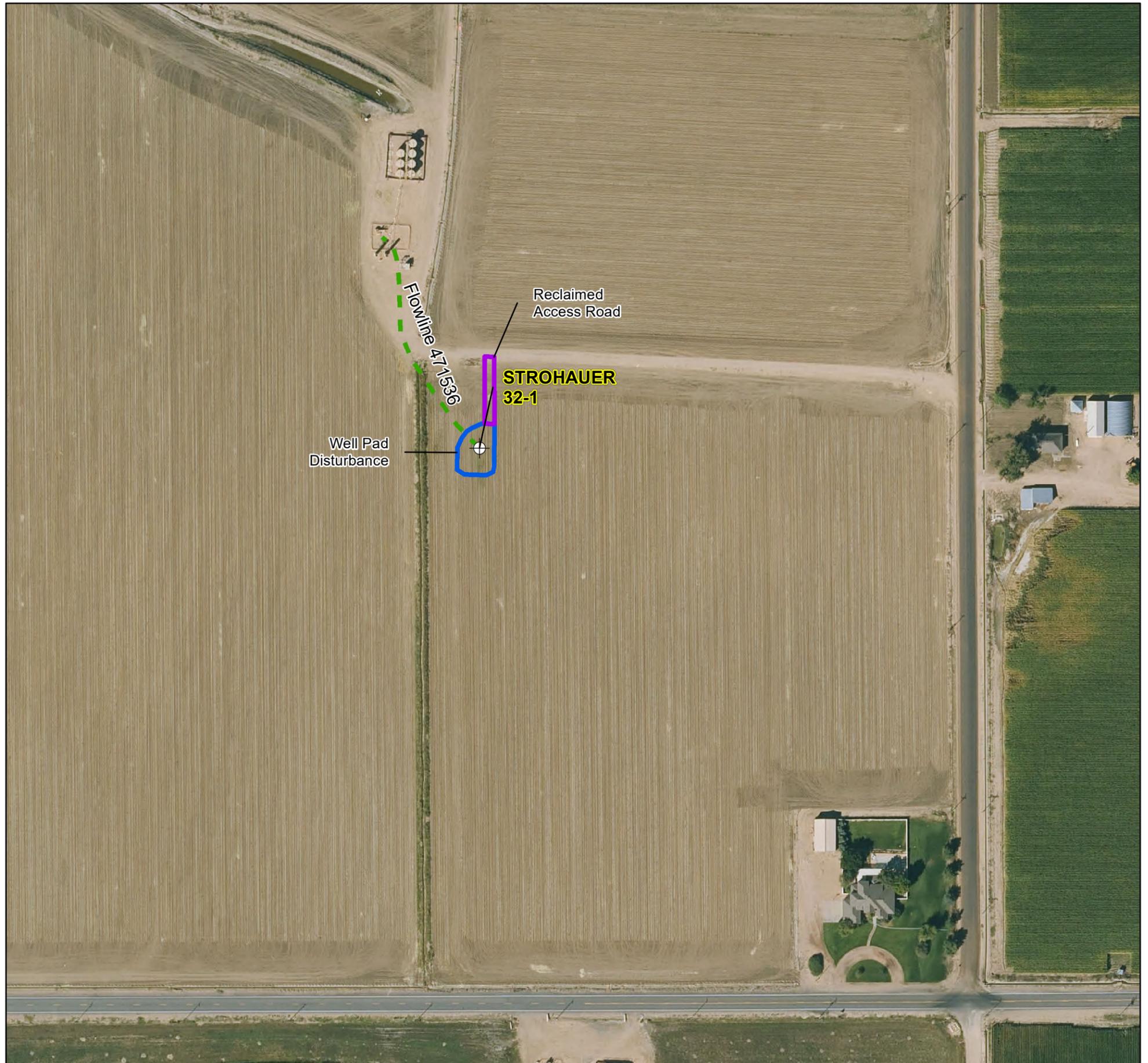
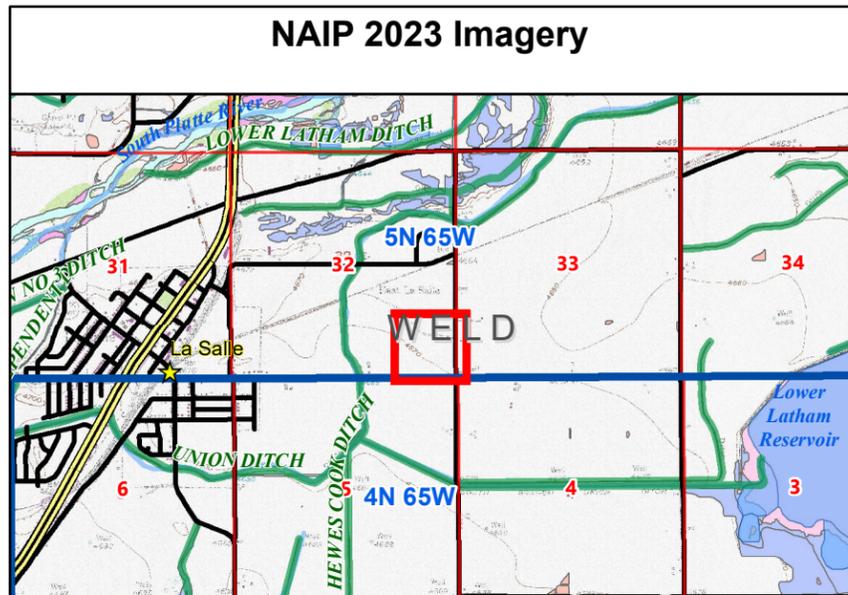


Editor: CDenison  
File: PDC\_Drone\_Rec\_DDP

Scale: 1:1,900  
Date: 5/1/2024

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

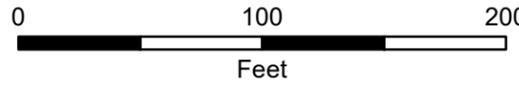
#### NAIP 2023 Imagery





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

Strohauer 32-1

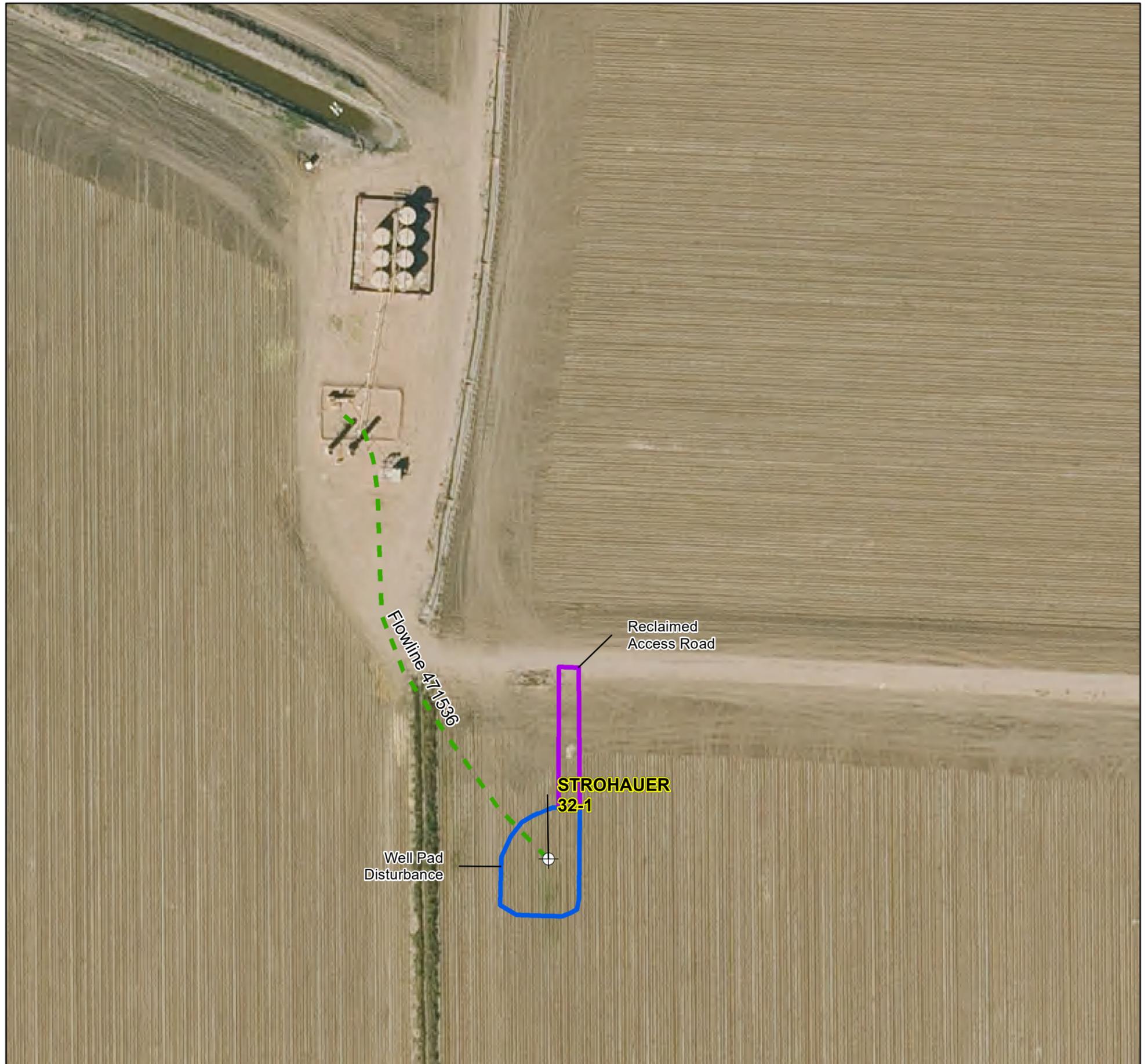
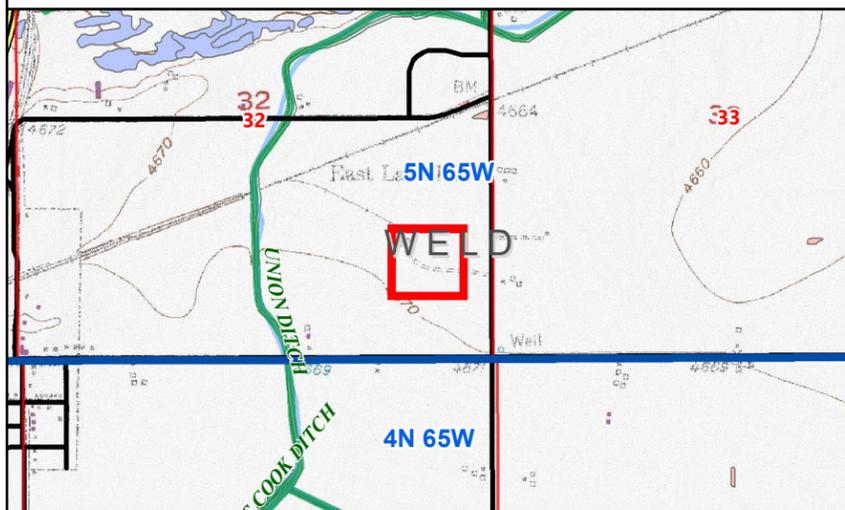


Editor: CDenison  
File: PDC\_Drone\_Rec\_DDP

Prepared by:  
Scale: 1:900  
Date: 5/1/2024

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

#### NAIP 2023 Imagery



Post-Plugging Overview of STROHAUER #32-1 Well  
Lat/Long: 40.35072014/ -104.68047592



North of Well Pad Facing South  
Lat/Long: 40.35090028/-104.68047764



South of Well Pad Facing North  
Lat/Long: 40.35058439/-104.68047883



West of Well Pad Facing East  
Lat/Long: 40.35074578/-104.68069664



East of Well Pad Facing West  
Lat/Long: 40.35073750/-104.68025047



Access Road Entrance Facing Well Pad  
Lat/Long: 40.35126719 /-104.68045833



Reference Area North of Reclaimed Surface  
Lat/Long: 40.35090089/-104.68069664



Reference Area South of Reclaimed Surface  
Lat/Long: 40.35058306/-104.68028283



Reference Area West of Reclaimed Surface  
Lat/Long: 40.35060119/-104.68068719



Reference Area East of Reclaimed Surface  
Lat/Long: 40.35089669/-104.68028794



Cropland Reference Photo Showing Corn in the Reproductive Growth Stage  
Lat/Long: 40.35071150/ -104.68047203

