



# Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

## Permit Closure Report – Cropland

**Location ID:** 305880

**Location Name:** GEMINI B-65N64W/31CNW1/4

## Report Date:

10/6/2025

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 2025 – Alfalfa

Crop 2024 – Alfalfa

## Inspection:

|              |           |
|--------------|-----------|
| Performed by | H2E Inc.  |
| Date         | 7/24/2025 |

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

## Location Checklist



|                                     |  |  |   |                                  |
|-------------------------------------|--|--|---|----------------------------------|
| Location Name                       | GEMINI B-65N64W/31CNW1/4   |  |   |                                  |
| Location ID                         | 305880   |  |   |                                  |
| Type                                | Wellhead   |  |   |                                  |
| Operator / #                        | NOBLE ENERGY INC - 100322  |  |   |                                  |
| Field                               | WATTENBERG - #90750  |  |   |                                  |
| County, State                       | Weld, CO   |  |   |                                  |
| COGIS Well Information (Scout Card) | Well Name: GEMINI B #31-19   |  |   |                                  |
|                                     | Facility ID: 283118  |  |   |                                  |
|                                     | Well API #: 05-123-23616   |  |   |                                  |
|                                     | Status & Date: PA - 3/27/2019  |  |   |                                  |
|                                     | Lat/Long: 40.359546 / -104.597287                                    |  |   |                                  |
| Location                            | CNW1/4 31 5N64W  |  |   |                                  |
| Location Status - Date              | CL - 3/27/2019   |  |   |                                  |
| Facility Entities                   |  | Tank Battery                                   |   | Pits                             |
|                                     | X  | Wells  | X | Off-Location Flowlines (Form 44) |
|                                     |  | Domestic Taps                                  |   | On-Location Flowlines (Form 42)  |
|                                     |  | 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):                |  |   |                                  |
| Reclamation Status                  | X  | Location and associated disturbances reclaimed |   |                                  |
|                                     |  | Subsidence                                     |   |                                  |
| Plug date & Form 6S Doc. #:         | 03/27/2019 - 402054856   |  |   |                                  |
| 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       | X  | No   |   | Yes                              |
| Variance Requests                   | No Variance Requests Identified                                      |  |   |                                  |
| Sundry Notice (Form 4)              | No sundry notice pertaining to series 900-1200 rules was identified. |  |   |                                  |

|  |  |
|--|--|
| Off-Location Flowlines (Form 44)                                 | <b>Form 44 Doc # &amp; Date:</b> 403206301 - 10/24/2022  |
|  | <b>Purpose:</b> Flowline Abandonment Verification  |
|  | <b>Abandonment Date:</b> 3/27/2019   |
|  | <b>ECMC Approval Date &amp; Signee:</b> Director of COGCC - 3/6/2023   |
|  | <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> Abandoned Flowlines   |
|  | <b>Status &amp; Date:</b> AC - 7/30/2025   |
|  | <b>Flowline Type:</b> Wellhead Line  |
|  | <b>Type of Fluids Transported:</b> Crude Oil   |
|  | <b>Start Point Location ID:</b> 305880   |
|  | <b>Start Point Riser Lat/Long:</b> 40.359546 / -104.597287   |
|  | <b>Equipment at Start Point:</b> Wellhead  |
| <b>End Point Location ID:</b> 302546                             |  |
| <b>End Point Riser Lat/Long:</b> 40.361562 / -104.601653         |  |
| <b>Equipment at End Point:</b> Separator                         |  |
| Field Inspection Form (Form INSP)                                | <b>Form INSP Doc # &amp; Date:</b> 707602388 - 02/10/2024  |
|  | <b>Status Summary:</b> NO FOLLOW UP INSPECTION REQUIRED  |
|  | <b>Inspected Facilities:</b> Well  |
|  | <b>Inspection Status:</b> PA   |
|  | <b>Inspection Date &amp; Inspector:</b> 02/10/2024 - Evins, Bret   |
| <b>Comments:</b> N/A   |  |
| <b>Inspection Corrective Actions (CAs)</b>                       | No Corrective Actions identified.  |
| <b>Spill or Release (Form 19)</b>                                | No Spill/Releases Documented   |
| <b>Site Investigation and Remediation Workplan (Form 27/27A)</b> | No Remediation Projects Documented   |
| COGIS Tank Facilities Information (Scout Card)                   | <b>Tank Battery Name:</b> THISTLE DOWN B/31-31D  |
|  | <b>Location ID:</b> 302546   |
|  | <b>Status &amp; Date:</b> CL - 8/19/2022   |
|  | <b>Lat/Long:</b> 40.361460 / -104.601220   |
| <b>Notes:</b> N/A  |  |
| Drone Information  | <b>Make &amp; Model:</b> DJI M3E MultiSpectral   |
|  | <b>Image Processing Software:</b> Pix4D Mapper   |
|  | <b>Pilot Name &amp; FAA Certificate:</b> Ian Hattabaugh - 5069217  |
|  | <b>Date of FAA Certificate Issuance:</b> 10/4/2024   |



## Imagery Sources

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

NAIP Imagery from 2009-2023, and 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 GEMINI B-65N64W/31CNW1/4 (305880) location which consists of the GEMINI B #31-19 (API # 05-123-23616) wellhead. This wellhead does not share a disturbance with any other wells or tank batteries. There is one off location flowline associated with this well that transported crude oil to the associated tank battery, and was abandoned in March of 2019. The associated tank battery has its own location ID (302546) which will remain open until final reclamation has been achieved.

GEMINI B #31-19 was reclaimed and returned to the landowner for agricultural use in 2019. The wellhead was accessed from an unpaved access road that originated at an existing agricultural service road off of County Road 49. The access road was reclaimed and returned to agriculture in conjunction with the reclamation of the well location.

There are no Remediation Workplans (Form 27-I), Spills/Releases (Form 19), nor Corrective actions (CA's) identified during the records review.

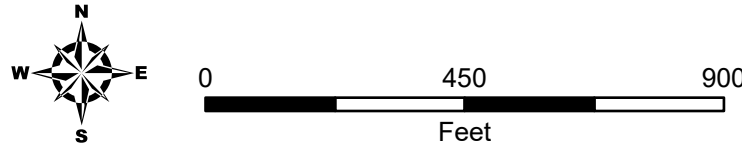
Drone imagery confirms that no equipment was left on site at this location after reclamation activities occurred.

# Pre-Plugging Active Operations Location Overview



# Noble Form 4 Final Reclamation - Pre Plugging Overview

GEMINI B-65N64W/31CNW1/4



Prepared by:



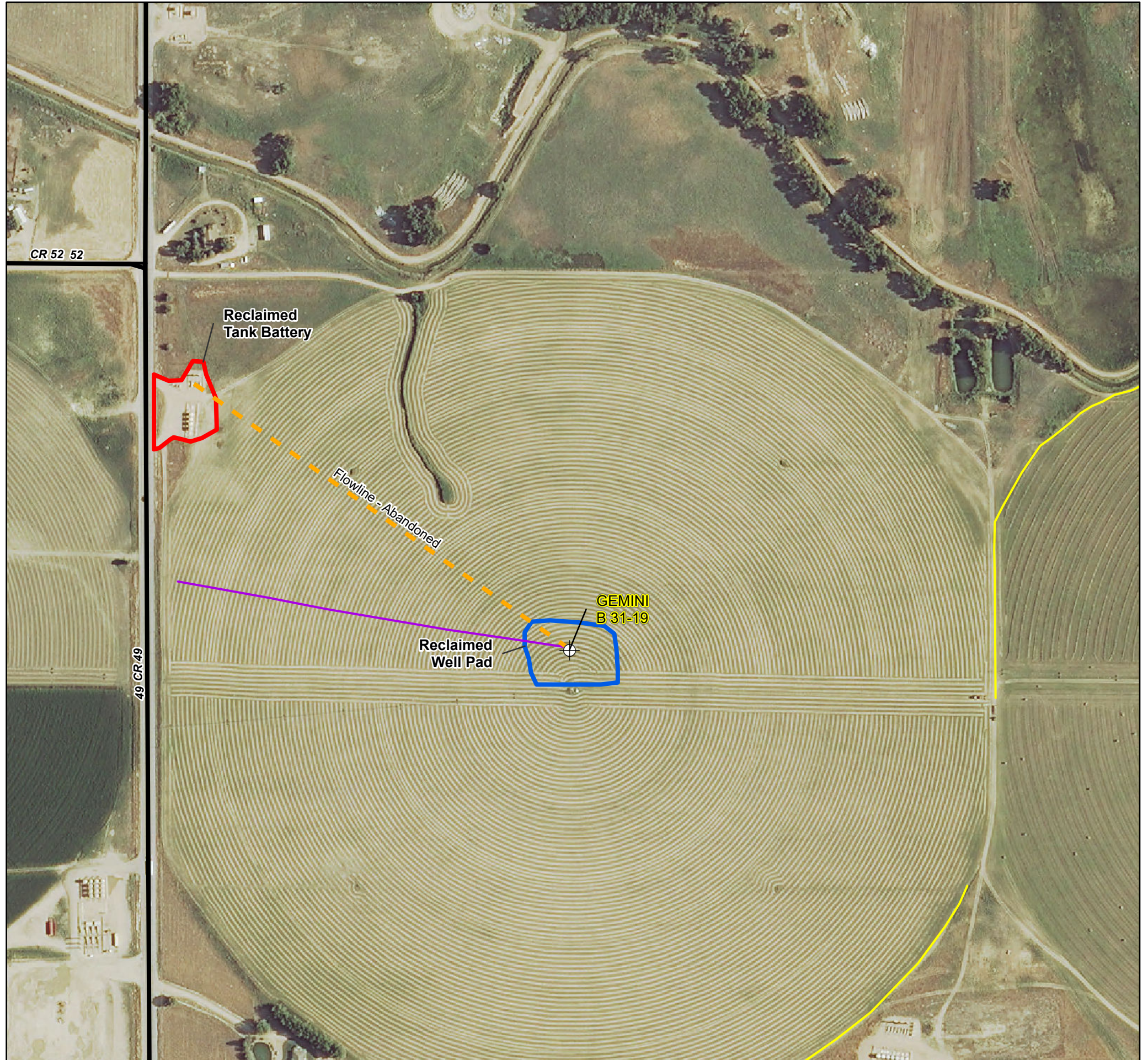
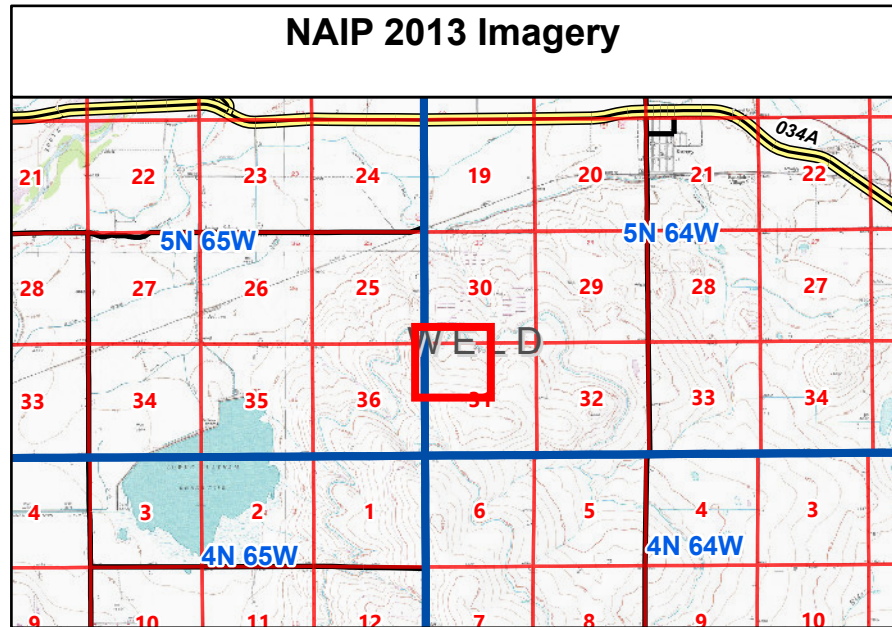
Editor: CDenison

File: Noble\_PrePlugging\_v1

Scale: 1:4,000  
Date: 11/17/2025

- Well Head
- Flowline - Abandoned
- Access Road - Reclaimed
- Pre-Existing Access Road
- Reclaimed Tank Battery
- Reclaimed Well Pad
- Major Road
- County/Local Road
- Weld Local

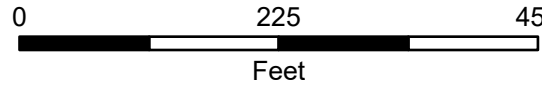
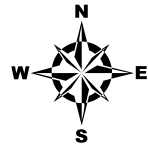
NAIP 2013 Imagery





# Noble Form 4 Final Reclamation - Pre Plugging Overview

GEMINI B-65N64W/31CNW1/4



Prepared by:  
Scale: 1:2,000  
Date: 11/17/2025

Editor: CDenison

File: Noble\_PrePlugging\_v1

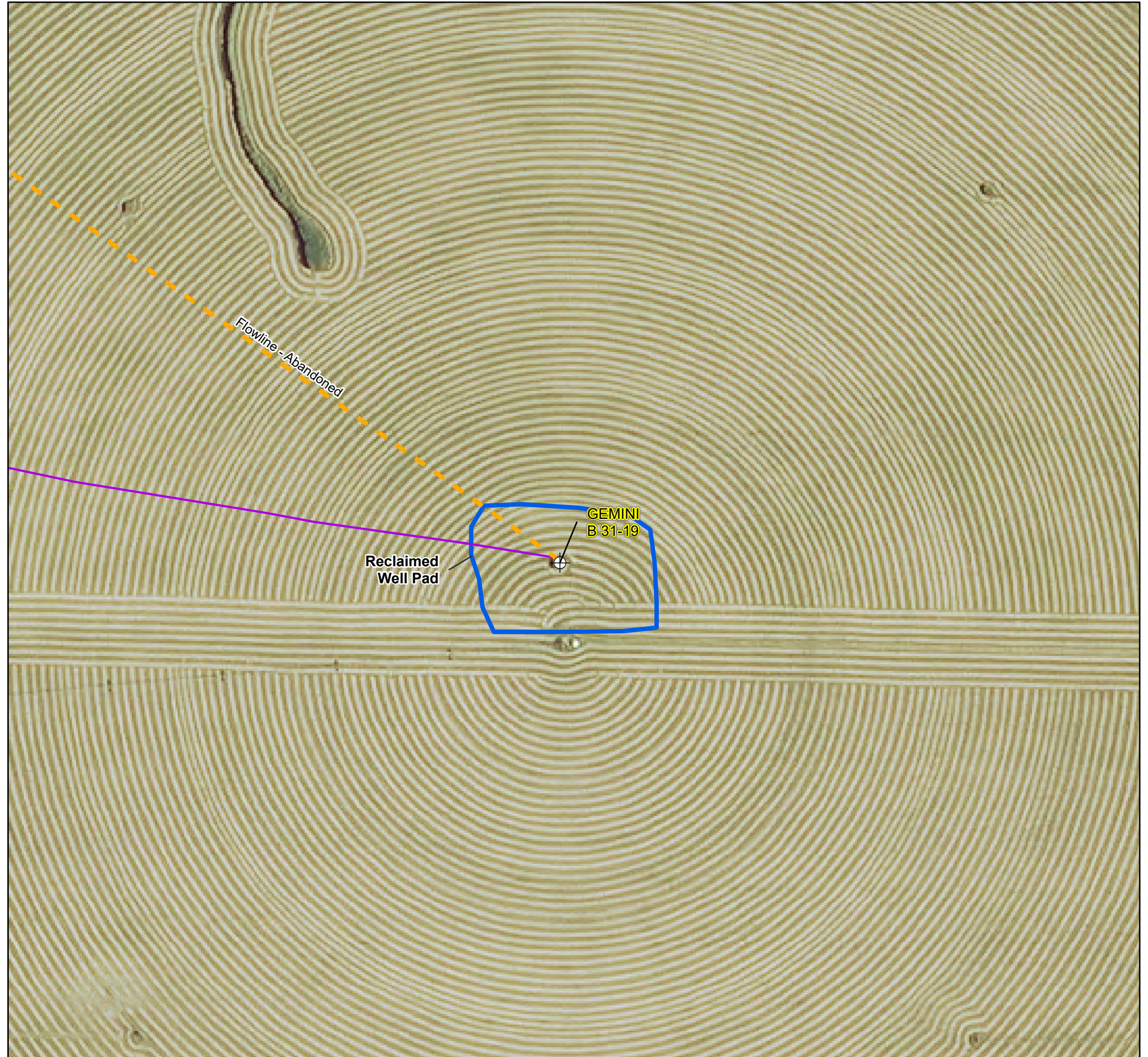
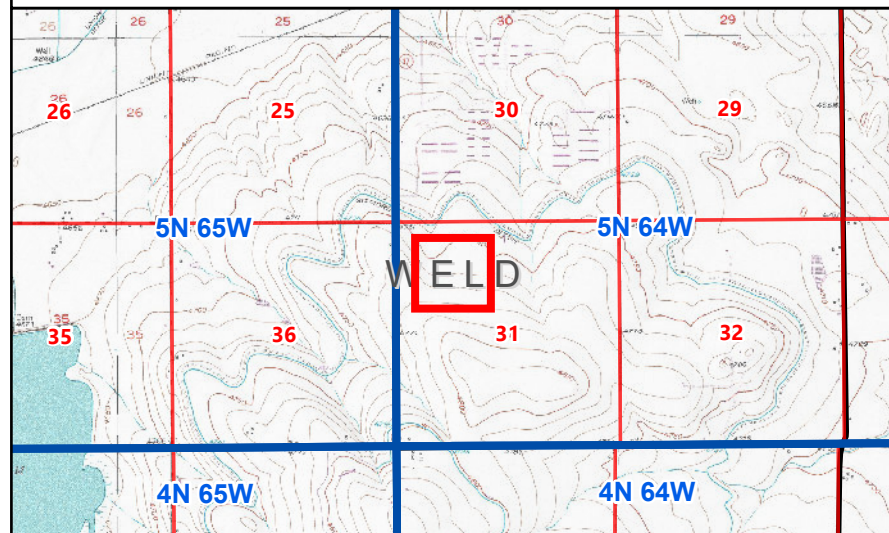
⊕ Well Head

- - - Flowline - Abandoned

— Access Road - Reclaimed

▭ Reclaimed Well Pad

## NAIP 2013 Imagery

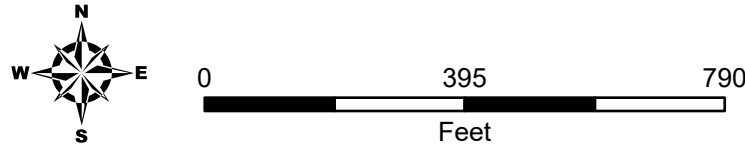


## Post-Plugging and Abandonment Location Overview



# PDC Energy Form 4 Final Reclamation - Post Plugging Overview

GEMINI B-65N64W/31CNW1/4



Prepared by:  
Scale: 1:3,500  
Date: 11/17/2025

Editor: CDenison

File: PDC\_PostPlugging\_v1

⊕ Well Head

- - - Flowline - Abandoned

- - - Access Road - Reclaimed

- - - Pre-Existing Access Road

▭ Reclaimed Tank Battery

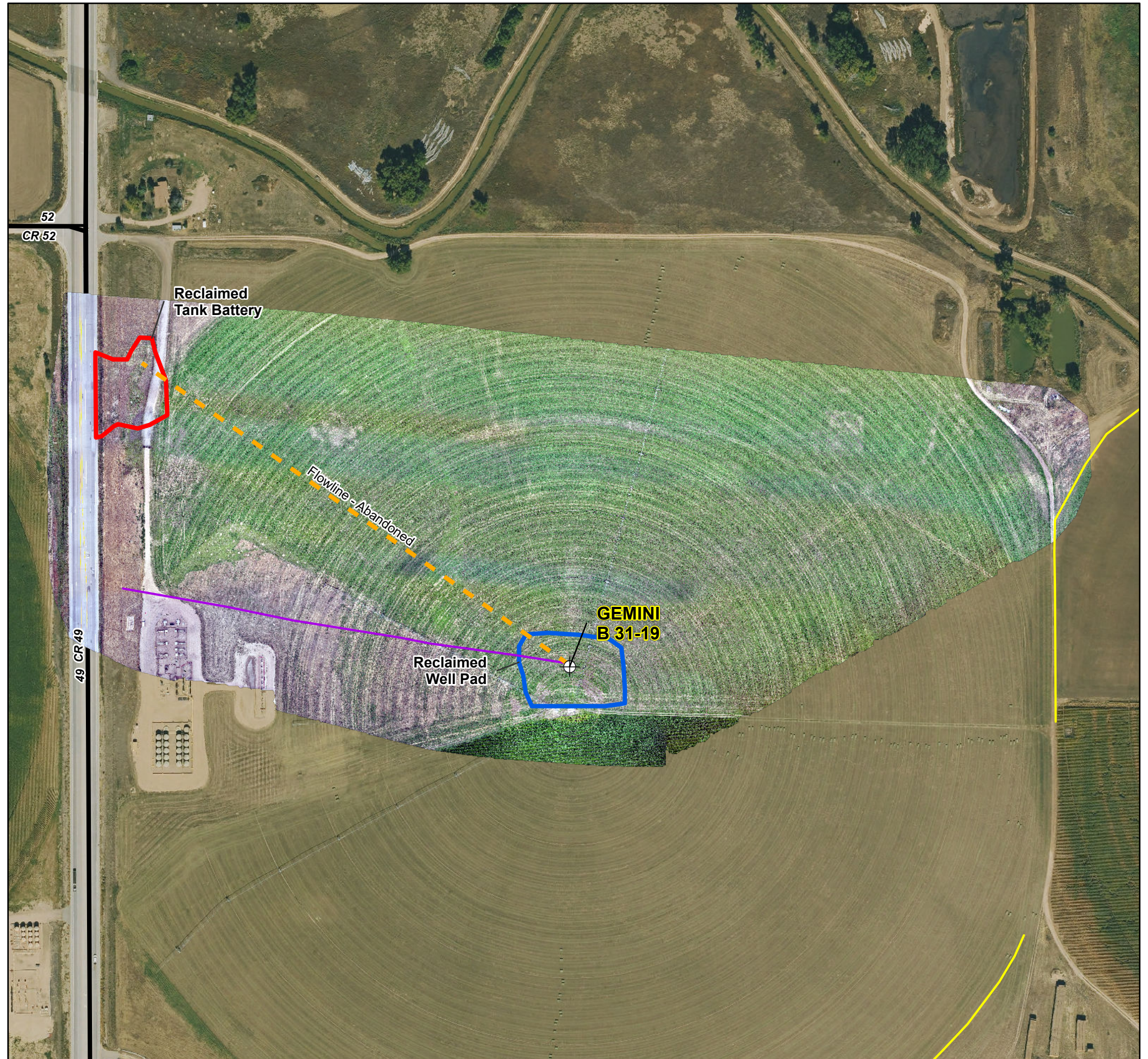
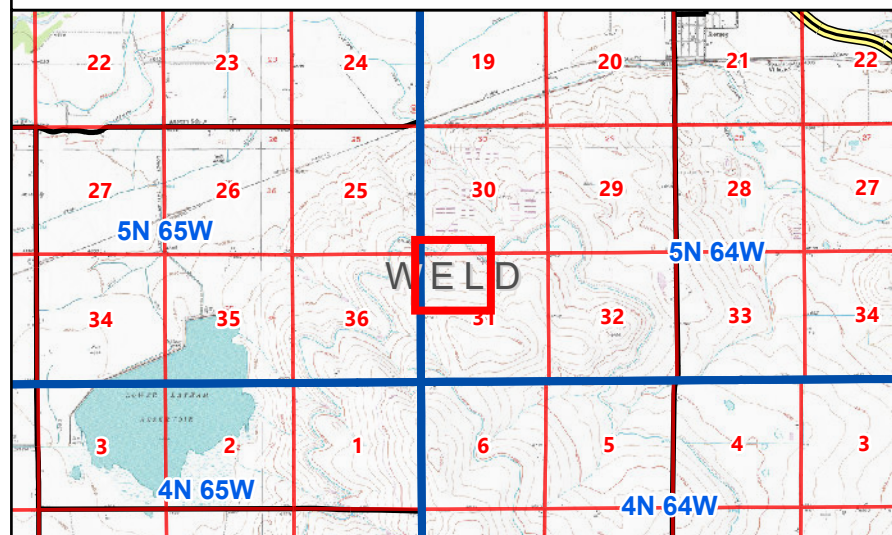
▭ Reclaimed Well Pad

— Major Road

— County/Local Road

— Weld Local

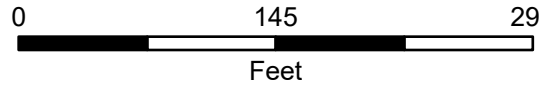
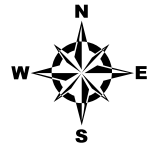
## 2025 Drone Imagery





# PDC Energy Form 4 Final Reclamation - Post Plugging Overview

GEMINI B-65N64W/31CNW1/4



Prepared by:  
Scale: 1:1,300  
Date: 11/17/2025

Editor: CDenison

File: PDC\_PostPlugging\_v1

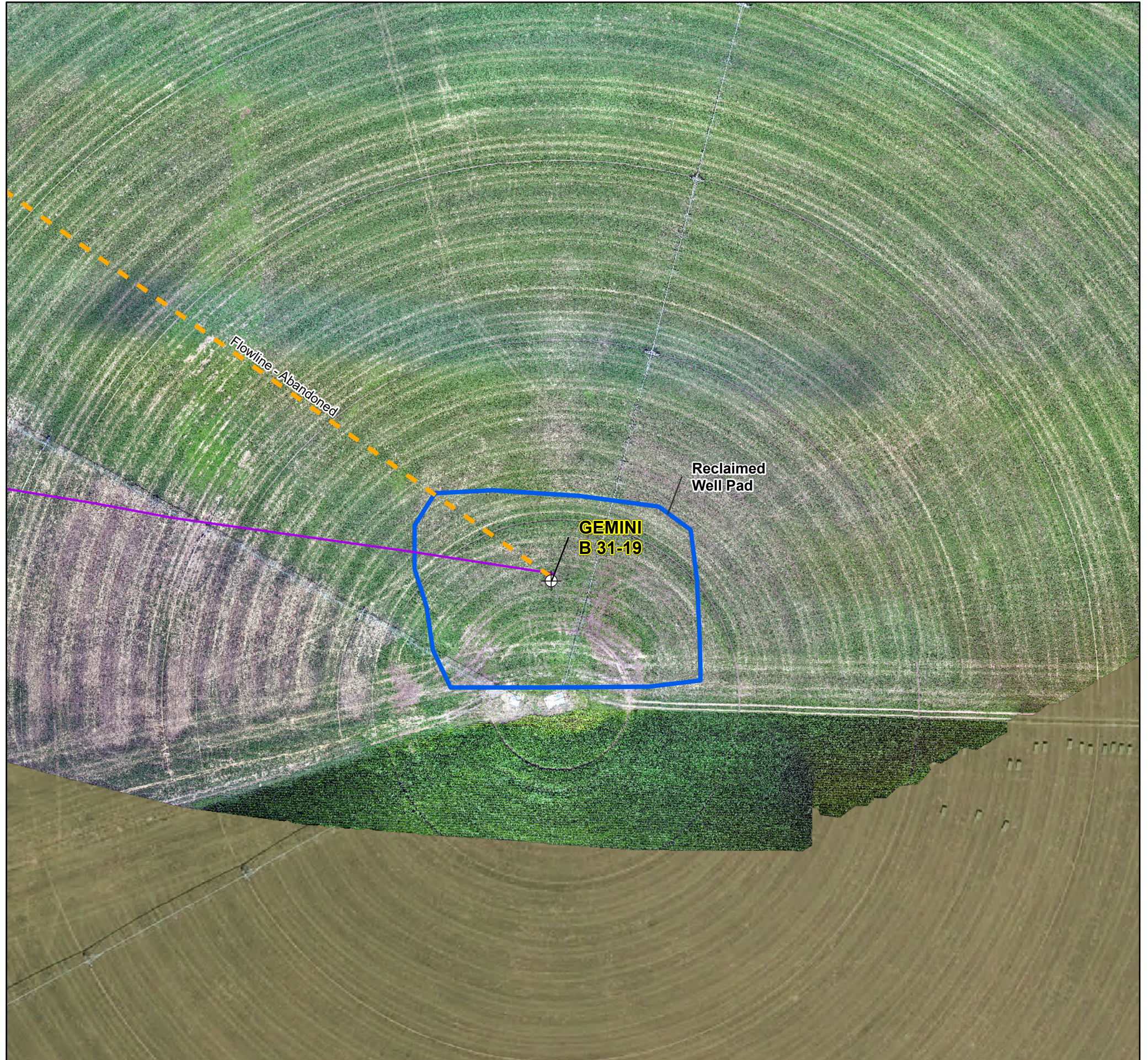
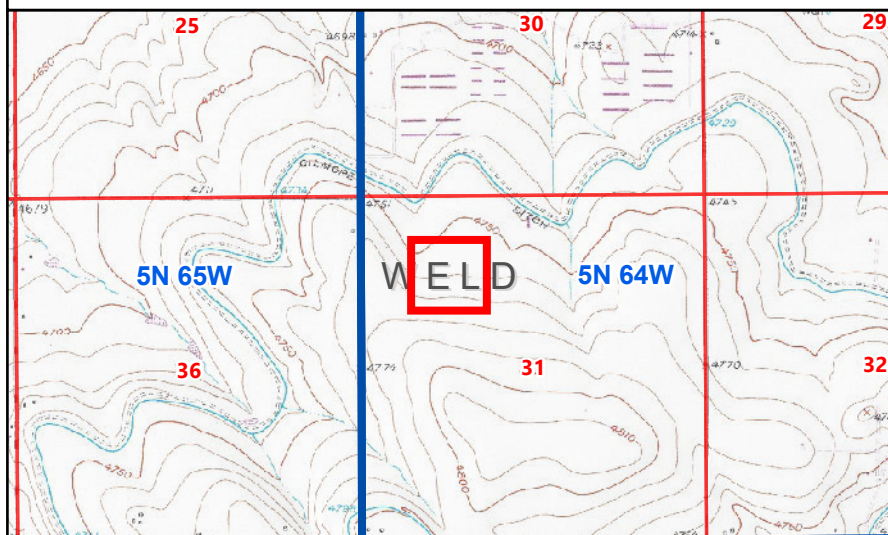
⊕ Well Head

- - - Flowline - Abandoned

— Access Road - Reclaimed

▭ Reclaimed Well Pad

## 2025 Drone Imagery



# Cardinal Direction Drone Photos

Photo Dates:

7/24/2025

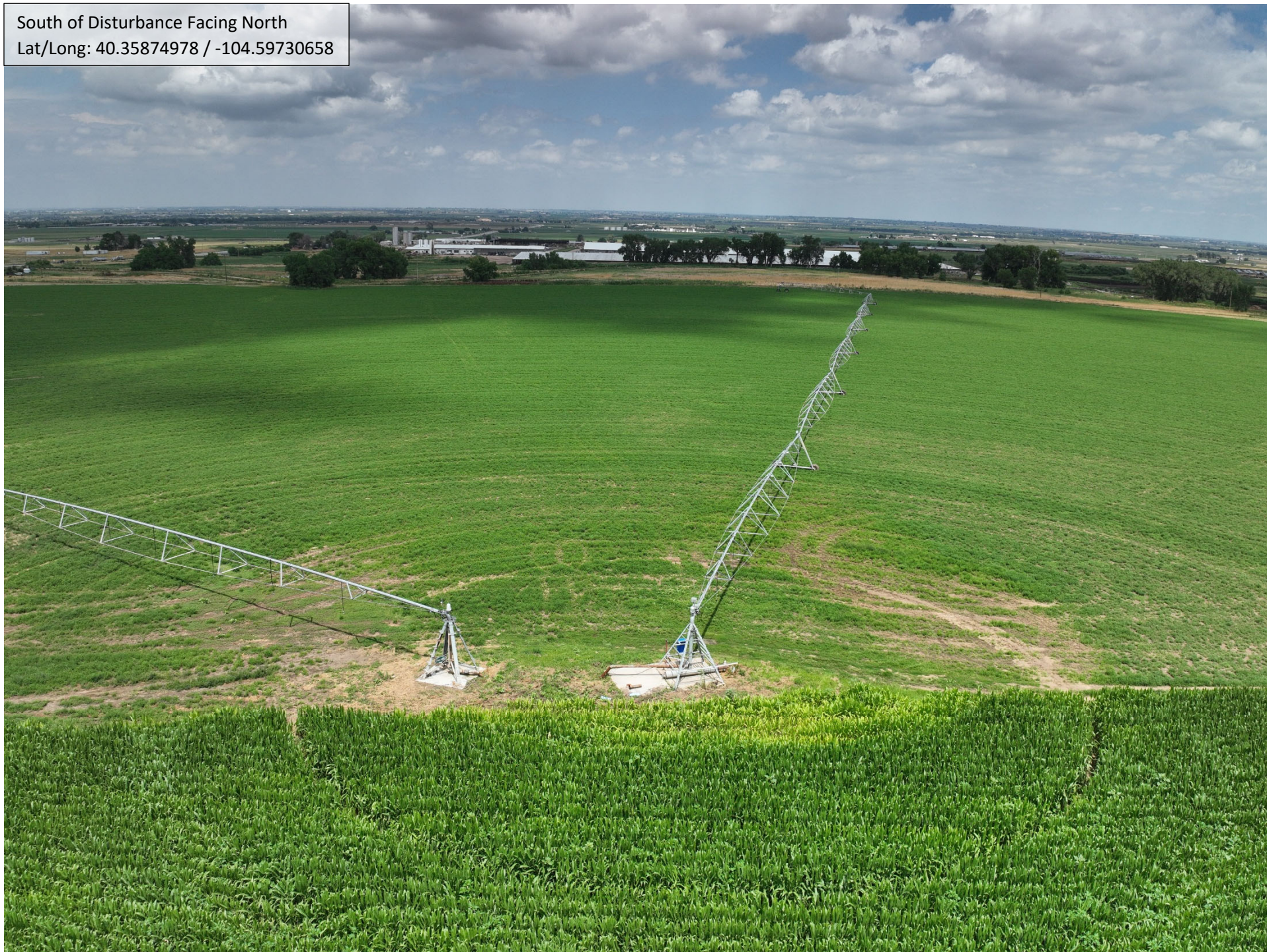
Drone Photo Height:

85'

North of Disturbance Facing South  
Lat/Long: 40.36031928 / -104.59727825



South of Disturbance Facing North  
Lat/Long: 40.35874978 / -104.59730658



West of Disturbance Facing East  
Lat/Long: 40.35956597 / -104.59833953



East of Disturbance Facing West  
Lat/Long: 40.35954919 / -104.59628139



## **Access Road Drone Photo**

Photo Dates:

7/24/2025

Drone Photo Height:

85'

Access Road Photo Facing Northwest  
Lat/Long: 40.35948161 / -104.59681597



# Flowline Drone Photo

Photo Dates:

7/24/2025

Drone Photo Height:

85'

Flowline Photo Facing Southeast  
Lat/Long: 40.36161083 / -104.60178336



**Reference Photo for Crop Growth Stage**

Cropland Reference Photo (Alfalfa)  
Lat/Long: 40.36167833 / -104.60117333

