FORM 6 Rev 11/20

# State of Colorado
# Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

| DE | ET | OE | ES |
|---|---|---|---|
| | | | |

**Replug By Other Operator**

Document Number: 403948077

Date Received: 10/07/2024

## WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.
A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

ECMC Operator Number: 10819 Contact Name: Venessa Chase

Name of Operator: PRAIRIE OPERATING CO LLC Phone: (303) 907-1714

Address: 50 S STEELE STREET SUITE 450 Fax:

City: DENVER State: CO Zip: 80209 Email: vc@prairieopco.com

**For "Intent" 24 hour notice required, ECMC contact:** Name: Petrie, Erica Tel: (303) 726-3822 Email: erica.petrie@state.co.us

Type of Well Abandonment Report: [X] Notice of Intent to Abandon [ ] Subsequent Report of Abandonment

API Number 05-123-07468-00

Well Name: WEITZEL Well Number: 8-2

Location: QtrQtr: SWNW Section: 8 Township: 7N Range: 60W Meridian: 6

County: WELD Federal, Indian or State Lease Number:

Field Name: MORNINGSIDE Field Number: 56000

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.591461 Longitude: -104.124286

GPS Data: GPS Quality Value: 2.4 Type of GPS Quality Value: PDOP Date of Measurement: 08/20/2024

Reason for Abandonment: [ ] Dry [ ] Production Sub-economic [ ] Mechanical Problems

[X] Other Re-Enter to Re-Plug

Casing to be pulled: [ ] Yes [X] No Estimated Depth:

Fish in Hole: [ ] Yes [X] No If yes, explain details below

Wellbore has Uncemented Casing leaks: [ ] Yes [X] No If yes, explain details below

Details:

## Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|---|---|---|---|---|---|
| J SAND | 6964 | 6988 | 04/06/1978 | CEMENT | 6900 |

Total: 1 zone(s)

## Casing History

| Casing Type | Size of Hole | Size of Casing | Grade | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| SURF | 10+3/4 | 8+5/8 | J55 | 24 | 0 | 212 | 175 | 212 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | J55 | 10.5 | 6130 | 7016 | 175 | 7016 | 6535 | CBL |
| OPEN HOLE | 7+7/8 | | | | 212 | 6130 | | | | |

# Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.

CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.

CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Set 145 sks cmt from 6180 ft. to 5680 ft. Plug Type: STUB PLUG Plug Tagged: ☒

Set 145 sks cmt from 2000 ft. to 1500 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 245 sacks half in. half out surface casing from 640 ft. to 0 ft. Plug Tagged: ☒

Set _____ sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: ☐ Yes ☐ No

Set _____ sacks in rat hole Set _____ sacks in mouse hole

## Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. of _____ inch casing

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

See Proposed Plugging Procedure attached.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Venessa Chase

Title: Manager of Reg Affairs Date: 10/7/2024 Email: vc@prairieopco.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved: Wolfe, Stephen Date: 10/17/2024

**CONDITIONS OF APPROVAL, IF ANY LIST** Expiration Date: 4/16/2025

| COA Type | Description |
|---|---|
| | Plugging<br>1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations.<br>2) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from ECMC is obtained.<br>3) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Wait on cement(WOC) a minimum of 4 hrs before tagging a plug. Tag at tops specified. Notify ECMC Area Engineer of a high(shallow) tag or before adding cement to a previous plug due to a low (deep) cement top.<br>4) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface and complete isolation in all strings during cut and cap. After cut and prior to cap, verify isolation by either a 15 minute bubble test or 15 minute optical gas imaging observation. If there is any indication of flow contact ECMC Engineering before proceeding. Provide a statement on the 6 SRA as to which method was used and what was observed. Retain records of final isolation test for 5 years.<br>5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.<br>6) Operator must wait a sufficient time on all plugs to achieve the intended design. If at any time during the plugging there is evidence of previously unreported pressure or fluid migration, contact ECMC Area Engineer before continuing operations.<br>7) Plugging procedure has been modified as follows,<br>10 sx cement plug at 6900' set on 3/7/78 to remain, 10 sx stub plug at 6130' to be drilled out and according to report was pumped through casing after pulling 31 jts so it may be 1100' higher,<br>Casing previously cut and pulled from 6130',<br>Plug #1 - 6180-5680', 145 sx cement stub plug, Note: change from squeeze inside of the stub to stub plug only,<br>Plug #2 - 2000-1500', 145 sx cement open hole plug,<br>Plug #3 - 640-0', 245 sx cement combined shoe/surface plug, Note: Change to depth and volume, |
| | Due to close proximity to Residential Building Units (RBUs): prior to commencing operations, at a minimum, the operator will provide an informational sheet to the owners/occupants of RBUs that are nearby and adjacent to the parcel on which the well is located. The sheet will include the operator's contact information and the nature, timing, and expected duration of the P&A operations. |
| 2 COAs | |

## ATTACHMENT LIST

| Att Doc Num | Name |
|---|---|
| 2168654 | WELLBORE DIAGRAM |
| 403948077 | FORM 6 INTENT SUBMITTED |
| 403948091 | SURFACE OWNER CONSENT |
| 403948093 | PROPOSED PLUGGING PROCEDURE |
| 403948094 | LOCATION PHOTO |

Total Attach: 5 Files

## General Comments

| User Group | Comment | Comment Date |
|---|---|---|
| Engineer | Groundwater-Laramie-Fox Hills, Upper Pierre<br>Deepest water well- 526'(2mi, 19 records)<br>Log- 123-20978 6/20/2002 GR=4966', L-FH base 590', UP 900-1550' | 10/17/2024 |
| Permit | Uploaded updated wellbore diagram from the operator<br>GPS data verified- GPS data was updated when photos were taken<br>Perfs updated as per doc # 00215532 and cement plug per doc# 00215534<br>No production reports to verified<br>Passed Permit Review | 10/14/2024 |
| OGLA | Location Assessment Specialist (LAS) review complete. Well is not near surface waters or wetlands and there are no nearby RBUs. | 10/08/2024 |
| OGLA | Well is in a CPW mapped Pronghorn Winter Concentration Area High Priority Habitat. Although plugging and abandonment operations with heavy equipment will be allowed, the operator is strongly encouraged to avoid them from January 1 through April 30. | 10/08/2024 |

Total: 4 comment(s)