FORM 6 Rev 11/20

# State of Colorado
# Energy & Carbon Management Commission

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

Document Number: 404147927

Date Received: 04/01/2025

## 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: 7800 Contact Name: Michael Kay

Name of Operator: BEREN CORPORATION Phone: (316) 249-7597

Address: 2020 N BRAMBLEWOOD STREET Fax:

City: WICHITA State: KS Zip: 67206 Email: kaym@berexco.com

**For "Intent" 24 hour notice required, ECMC contact:** Name: Schure, Kym Tel: (970) 520-3832 Email: kym.schure@state.co.us

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

API Number 05-075-05793-00

Well Name: BREWER 'A' Well Number: 3

Location: QtrQtr: SESE Section: 15 Township: 8N Range: 53W Meridian: 6

County: LOGAN Federal, Indian or State Lease Number:

Field Name: DALE Field Number: 14550

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

Latitude: 40.655980 Longitude: -103.280983

GPS Data: GPS Quality Value: 3.6 Type of GPS Quality Value: Date of Measurement: 09/20/2009

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

[X] Other Part of AOC Agreement with ECMC

Casing to be pulled: [X] Yes [ ] No Estimated Depth: 3500

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 | 4807 | 4811 | | | |

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 | 11+0/4 | 8+5/8 | New | 28 | 0 | 593 | 300 | 593 | 0 | VISU |
| 1ST | 7+7/8 | 5+1/2 | New | 14 | 0 | 4825 | 100 | 4825 | 4124 | CALC |

# Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4750 with 2 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 50 sks cmt from 3550 ft. to 3350 ft. Plug Type: STUB PLUG Plug Tagged: ☒

Set 40 sks cmt from 160 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☒

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ 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 125 sacks half in. half out surface casing from 950 ft. to 425 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:

Modelled plugging procedure after NMJSU #6 (API # 05-075-09258) which was plugged in 2018 and is approximately 5.5 miles northeast of the Brewer A 3.

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

Signed: _____ Print Name: Michael Kay

Title: Division Engineer Date: 4/1/2025 Email: kaym@berexco.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: 4/28/2025

## CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 10/27/2025

| COA Type | Description |
|---|---|
| | Bradenhead Testing<br>Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.<br>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.<br>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.<br><br>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the ECMC within three (3) months of collecting the samples.<br><br>If there is a need for sampling, contact ECMC engineering for verification of plugging procedure. |
| | Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare. |
| | Consistent with Rule 911.a, a Form 27 must be approved prior to cut and cap, conducting flowline abandonment, or removing production equipment. Allow 30 days for Director review of the Form 27; include the Form 27 document number on the Form 44 for offsite flowline abandonment (if applicable) and on the Form 6 Subsequent. |
| | Properly abandon flowlines per Rule 1105. If flowlines will be abandoned in place, include with the Form 27: pressure test results conducted in the prior 12 months as well as identification of any document numbers for a ECMC Spill/Release Report, Form 19, associated with the abandoned line. |

| | |
|---|---|
| | 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) on top. 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' cement 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>Plug #1 - 4750', CIBP with 2 sx of cement on top,<br>3500', cut and pull5 1/2"" casing,<br>Plug #2 - 3550-3350', 50 sx cement stub plug, WOC and tag,<br>Plug #3 - 950-425', 125 sx cement open hole/shoe plug, WOC and tag,<br>Plug #4 - 160-0', 50 sx cement casing plug to surface, WOC and tag. |
| | Notification will be given to any adjacent building unit occupants within a 1,000 feet of the wellhead of planned P&A start date. |
| | Due to proximity to a wetland and surface water, operator will use secondary containment for all tanks and other liquid containers. Operator will implement stormwater BMPs and erosion control measures as needed to prevent sediment and stormwater runoff from entering the wetland and surface water. |
| 7 COAs | |

## ATTACHMENT LIST

| Att Doc Num | Name |
|---|---|
| 404147927 | FORM 6 INTENT SUBMITTED |
| 404148001 | WELLBORE DIAGRAM |
| 404148003 | WELLBORE DIAGRAM |

Total Attach: 3 Files

## General Comments

| User Group | Comment | Comment Date |
|---|---|---|
| Engineer | Groundwater-High Plains<br>Deepest water well- 540'(1.5mi, 89 records)<br>Log- 075-05797 12/1/53 GR=4096 HP base at the SC shoe | 04/16/2025 |
| Permit | Confirmed as-drilled well location.<br>Production reporting up-to-date.<br>Confirmed productive interval docnum: 210708.<br>No other forms in process.<br>Reviewed WBDs.<br>Pass. | 04/07/2025 |

Total: 2 comment(s)