

Document Number:
401590551

Date Received:
05/24/2018

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.

OGCC Operator Number: 65110 Contact Name: JOSEPH FORMA
 Name of Operator: O'BRIEN ENERGY RESOURCES CORP Phone: (603) 427-2099
 Address: 18 CONGRESS ST STE 207 Fax: (603) 427-2499
 City: PORTSMOUTH State: NH Zip: 3801- Email: JOEFORMA@OBENERGY.COM

For "Intent" 24 hour notice required, Name: Gomez, Jason Tel: (970) 573-1277
 Email: jason.gomez@state.co.us

COGCC contact:

API Number 05-123-23991-00 Well Number: 30
 Well Name: LOST CREEK
 Location: QtrQtr: SWSW Section: 15 Township: 3N Range: 62W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: PEACOCK Field Number: 67955

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.220530 Longitude: -104.316690
 GPS Data:
 Date of Measurement: 03/04/2008 PDOP Reading: 4.7 GPS Instrument Operator's Name: KATHY MCCORMICK
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 4000
 Fish in Hole: Yes No If yes, explain details below
 Wellbore has Uncemented Casing leaks: Yes 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 | 6742 | 6746 | | | |

Total: 1 zone(s)

Casing History

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status |
|-------------|--------------|----------------|-----------------|---------------|--------------|------------|------------|--------|
| SURF | 12+1/4 | 8+5/8 | 24 | 634 | 460 | 634 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 6,888 | 250 | 6,888 | 5,255 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6650 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 25 sks cmt from 6023 ft. to 5723 ft. Plug Type: CASING Plug Tagged:
Set 60 sks cmt from 4100 ft. to 3900 ft. Plug Type: STUB PLUG 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 60 sacks half in. half out surface casing from 700 ft. to 550 ft. Plug Tagged:
Set 15 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. _____ inch casing Plugging Date: _____
of _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: _____ Print Name: Joseph Forma
Title: Vice President Date: 5/24/2018 Email: joeforma@obenergy.com

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

COGCC Approved: McCoy, Diane Date: 5/30/2018

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 11/29/2018

| COA Type | Description |
|-----------------|---|
| | <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Properly abandon flowlines per Rule 1105. File electronic Form 42 once abandonment complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator must submit a Flowline Report, Form 44.</p> <p>3) Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.</p> |
| | <p>Bradenhead test report dated 05/01/2018; another test is not required if well is plugged by 07/01/2018.</p> <p>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.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>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 COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p> |

Attachment Check List

| Att Doc Num | Name |
|--------------------|-------------------------|
| 401590551 | FORM 6 INTENT SUBMITTED |

Total Attach: 1 Files

General Comments

| User Group | Comment | Comment Date |
|------------------------|---|---------------------|
| Engineer | <p>Bradenhead test report dated 05/01/2018; another test is not requested if plugged by 07/01/2018.</p> <p>Production records report this well as SI since October 2015, no MIT, warning letter issued 03/28/2018.</p> <p>Corrected cement top for surface string and cement status for both surface and first strings. CIBPs should be set 50-100' above top perf. Plug added for Niobrara isolation. Corrected plug type from "casing" to "stub plug" for plug from 4100-3900'.</p> | 05/30/2018 |
| Engineer | Emailed requesting wellbore diagrams. | 05/29/2018 |
| Permit | COGCC engineer will request wellbore diagram from operator. | 05/24/2018 |
| Well File Verification | Pass | 04/30/2018 |

Total: 4 comment(s)