

**Replug By Other Operator**

Document Number:  
402761688

Date Received:  
07/27/2021

**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: 100322 Contact Name: Kevin Monaghan  
 Name of Operator: NOBLE ENERGY INC Phone: (970) 3812990  
 Address: 2001 16TH STREET SUITE 900 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: kevin.monaghan@nblenergy.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 Email: \_\_\_\_\_

**COGCC contact:** \_\_\_\_\_

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number 05-075-06004-00  
 Well Name: LOGAN J SAND UNIT (OWP) Well Number: 2-5  
 Location: QtrQtr: L4NW Section: 6 Township: 8N Range: 53W Meridian: 6  
 County: LOGAN Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: GRAYLIN NW Field Number: 31880

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

Latitude: 40.693685 Longitude: -103.351985  
 GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: PDOP Date of Measurement: 07/06/2016

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: \_\_\_\_\_  
 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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| D SAND    | 4939      | 4943      | 06/18/2021     | B PLUG CEMENT TOP   | 4889       |
| J SAND    | 5050      | 5068      | 01/20/1997     | SAND PLUG           | 5005       |

Total: 2 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        | 12+1/4       | 9+5/8          |       | 25.40 | 0             | 217           | 160       | 217     | 0       | VISU   |
| 1ST         | 7+7/8        | 5+1/2          |       | 15.5  | 0             | 5132          | 250       | 5132    | 3906    | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5000 with 4 sacks cmt on top. CIBP #2: Depth 4889 with 4 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 48 sks cmt from 1516 ft. to 1116 ft. Plug Type: CASING Plug Tagged:   
Set 5 sks cmt from 1010 ft. to 900 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 1616 ft. with 132 sacks. Leave at least 100 ft. in casing 1516 CICR Depth  
Perforate and squeeze at 1110 ft. with 70 sacks. Leave at least 100 ft. in casing 1010 CICR Depth  
Perforate and squeeze at 417 ft. with 176 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
(Cast Iron Cement Retainer Depth)  
Set \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ 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 Number of Days from Setting Surface Plug  
Surface Plug Setting Date: 06/21/2021 Cut and Cap Date: 06/25/2021 to Capping or Sealing the Well: 4

\*Wireline Contractor: NexTier, SPN \*Cementing Contractor: SPN

Type of Cement and Additives Used: Class G Neat

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

#### Technical Detail/Comments:

Procedure Email Attached.  
RBL attached.  
Due to the inability to submit bradenhead Form 17s for other operators, the Form 17 completed at the time of P&A was emailed directly to the COGCC to be inputted manually into the COGCC online database

Perfs @ 1616' and 1116' for CICR @ 1516'  
Perfs @ 1110' and 900' for CICR @ 1010'  
Cut CSG @ 417'

Form 17 DocNum: Submitted to COGCC on 6/24/21  
Form 27 DocNum: 402694635  
Form 42 DocNum: 402711013  
Form 44 DocNum: Flowline will be abandoned.

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

Signed: \_\_\_\_\_ Print Name: Lauren Hoff  
Title: HSE Reg Affairs Coord Date: 7/27/2021 Email: DenverRegulatory@nblenergy.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: Jacobson, Eric Date: 11/10/2022

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

0 COA

**Attachment List**

**Att Doc Num**

**Name**

|           |                             |
|-----------|-----------------------------|
| 402761688 | FORM 6 SUBSEQUENT SUBMITTED |
| 402761734 | OPERATIONS SUMMARY          |
| 402761735 | OTHER                       |
| 402761736 | CEMENT BOND LOG             |
| 402761738 | WELLBORE DIAGRAM            |
| 402761739 | WIRELINE JOB SUMMARY        |
| 402761740 | CEMENT JOB SUMMARY          |

Total Attach: 7 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

|        |                             |            |
|--------|-----------------------------|------------|
| Permit | Permitting review complete. | 03/05/2022 |
|--------|-----------------------------|------------|

Total: 1 comment(s)