

FORM  
6Rev  
11/20

# State of Colorado Oil and Gas Conservation Commission

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



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Replug By Other Operator

Document Number:

402760728

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: \_\_\_\_\_

COGCC contact:

Email: \_\_\_\_\_

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

API Number 05-075-06158-00

Well Name: NW GRAYLIN D SAND UNIT

Well Number: 14

Location: QtrQtr: L5NE 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: 40.692106

Longitude: -103.335541

GPS Data: GPS Quality Value: 1.9 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 belowWellbore 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	4908	4912	02/01/1987	BRIDGE PLUG	4848

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	12+1/4	9+5/8		25.4	0	218	160	218	0	VISU
1ST	7+7/8	5+1/2		14	0	5100	150	5100	4350	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4848 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 17 sks cmt from 1516 ft. to 1116 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: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 1616 ft. with 161 sacks. Leave at least 100 ft. in casing 1516 CICR Depth

Perforate and squeeze at 1110 ft. with 391 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 \_\_\_\_\_ 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

Surface Plug Setting Date: 06/09/2021 Cut and Cap Date: 06/25/2021 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 16

\*Wireline Contractor: SPN, NexTier

\*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

CIBP @ 4848' is from 1987, no WL ticket available

Perfs @ 1616' and 1116' for CICR @ 1516'

CSG Cut @ 1110'

Form 17 DocNum: Sent to COGCC on 7/27/21

Form 27 DocNum: 402694552

Form 42 DocNum: 402699616

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**

402760728	FORM 6 SUBSEQUENT SUBMITTED
402760748	CEMENT JOB SUMMARY
402760750	OPERATIONS SUMMARY
402760751	OTHER
402760752	CEMENT BOND LOG
402760753	WELLBORE DIAGRAM
402760755	WIRELINER JOB SUMMARY

Total Attach: 7 Files

**General Comments****User Group****Comment****Comment Date**

Permit	Permitting review complete.	03/05/2022
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Total: 1 comment(s)