

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.

Document Number:
 402760843
 Date Received:
 07/27/2021

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 05-075-06016-00
 Well Name: NW GRAYLIN D SAND UNIT Well Number: 9
 Location: QtrQtr: L4NW Section: 5 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: 40.693955 Longitude: -103.330514
 GPS Data: GPS Quality Value: 1.4 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	4896	4902	04/01/1994	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	8+5/8		24	0	269	150	269	0	VISU
1ST	7+7/8	5+1/2		14	0	4904	100	4904	4332	CBL

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 48 sks cmt from 1516 ft. to 1116 ft. Plug Type: CASING Plug Tagged:
Set 11 sks cmt from 1060 ft. to 970 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 40 sacks. Leave at least 100 ft. in casing 1060 CICR Depth
Perforate and squeeze at 569 ft. with 124 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: 06/14/2021 Cut and Cap Date: 06/25/2021 to Capping or Sealing the Well: 11

*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' set 4/1/1994, WL Ticket Unavailable
Perfs @ 1616' and 1116' for CICR @ 1516'
Perfs @ 1110' and 970' for CICR @ 1060'
CSG Cut @ 569'

Form 17 DocNum: Submitted to COGCC 6/24/21
Form 27 DocNum: 402694484
Form 42 DocNum: Unavailable
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**

402760843	FORM 6 SUBSEQUENT SUBMITTED
402760873	CEMENT JOB SUMMARY
402760874	WIRELINER JOB SUMMARY
402760875	OPERATIONS SUMMARY
402760876	OTHER
402760877	CEMENT BOND LOG
402760878	WELLBORE DIAGRAM

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)