

Document Number:
402424658

Date Received:
06/17/2020

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: 1001 NOBLE ENERGY WAY Fax: _____
 City: HOUSTON State: TX Zip: 77070 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 05-123-32823-00
 Well Name: BERNHARDT STATE PC N Well Number: 36-17
 Location: QtrQtr: SENE Section: 36 Township: 5N Range: 67W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 81/6923
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.359650 Longitude: -104.835470
 GPS Data: GPS Quality Value: 2.5 Type of GPS Quality Value: _____ Date of Measurement: 06/02/2011
 GPS Instrument Operator's Name: Paul Tappy

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
CODELL	7362	7381	09/11/2019	B PLUG CEMENT TOP	6986
NIOBRARA	7038	7180	09/11/2019	B PLUG CEMENT TOP	6986

Total: 2 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	531	194	531	0	VISU
1ST	7+7/8	4+1/2	11.6	7,531	645	7,531	1,575	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6986 with 10 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 10 sks cmt from 6986 ft. to 6854 ft. Plug Type: CASING Plug Tagged:
Set 40 sks cmt from 2500 ft. to 1971 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 273 sacks half in. half out surface casing from 789 ft. to 0 ft. Plug Tagged:

Set 20 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: 731 ft. 4+1/2 inch casing Cut and Cap Date: 02/12/2020
of _____

*Wireline Contractor: SPN

*Cementing Contractor: Ranger

Type of Cement and Additives Used: Class G Neat

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Form 17 DocNum: 402173721
Form 42 DocNum: 402169470
Form 44 DocNum: 402351816

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

Signed: _____ Print Name: Lindsay Rodriguez

Title: Regulatory Analyst Date: 6/17/2020 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: 11/19/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type **Description**

COA Type	Description

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402424658	FORM 6 SUBSEQUENT SUBMITTED
402424678	GYRO SURVEY
402424680	CEMENT BOND LOG
402424681	CEMENT JOB SUMMARY
402424683	OPERATIONS SUMMARY
402424685	WELLBORE DIAGRAM
402424687	WIRELINE JOB SUMMARY

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)