

Document Number:
 402416655
 Date Received:
 06/09/2020

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 05-123-32944-00
 Well Name: Pettinger Well Number: AB27-01
 Location: QtrQtr: NENE Section: 27 Township: 7N Range: 64W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.550160 Longitude: -104.529260
 GPS Data: GPS Quality Value: 4.7 Type of GPS Quality Value: _____ Date of Measurement: 01/09/2012
 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	7061	7073	05/01/2019	CEMENT	6531
NIOBRARA	6773	6911	05/01/2019	CEMENT	6531

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	770	278	770	0	VISU
1ST	7+7/8	4+1/2	11.60	7,240	600	7,240	2,322	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 35 sks cmt from 7044 ft. to 6531 ft. Plug Type: CASING Plug Tagged:
Set 30 sks cmt from 2822 ft. to 2309 ft. Plug Type: CASING Plug Tagged:
Set 25 sks cmt from 2100 ft. to 1717 ft. Plug Type: CASING Plug Tagged:
Set 74 sks cmt from 970 ft. to 0 ft. Plug Type: CASING Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Perforate and squeeze at 2822 ft. with 5 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 2100 ft. with 90 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 970 ft. with 236 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. _____ inch casing Cut and Cap Date: 01/17/2020
of _____
*Wireline Contractor: Casedhole Solutions *Cementing Contractor: Halliburton
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: 402034714
Form 44 DocNum: 402362829

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: 6/9/2020 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: 11/25/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402416655	FORM 6 SUBSEQUENT SUBMITTED
402416672	CEMENT JOB SUMMARY
402416673	OPERATIONS SUMMARY
402416674	WELLBORE DIAGRAM
402416675	WIRELINE JOB SUMMARY

Total Attach: 5 Files

General Comments

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

Total: 0 comment(s)