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 402423897
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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 05-123-35326-00
 Well Name: HERBST Well Number: C27-31D
 Location: QtrQtr: NWSW Section: 27 Township: 4N 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: 40.281910 Longitude: -104.544110
 GPS Data: GPS Quality Value: 2.4 Type of GPS Quality Value: PDOP Date of Measurement: 05/12/2012
 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	7284	7300	08/22/2019	B PLUG CEMENT TOP	7029
NIOBRARA	7079	7175	08/22/2019	B PLUG CEMENT TOP	7029

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	838	279	838	0	VISU
1ST	7+7/8	4+1/2	11.6	7,427	605	7,427	1,961	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7029 with 2 sacks cmt on top. CIBP #2: Depth 4197 with 2 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 <u>40</u> sks cmt from <u>2504</u> ft. to <u>1971</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>15</u> sks cmt from <u>1603</u> ft. to <u>1543</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>11</u> sks cmt from <u>1270</u> ft. to <u>1088</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>269</u> sks cmt from <u>788</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 1720 ft. with 92 sacks. Leave at least 100 ft. in casing 1603 CICR Depth
 Perforate and squeeze at 1270 ft. with 29 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 65 sacks half in. half out surface casing from 1082 ft. to 788 ft. Plug Tagged:
 Set 8 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: 860 ft. 4+1/2 inch casing Cut and Cap Date: 02/10/2020
 of _____
 *Wireline Contractor: 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:

Email attached pertaining to procedure modification approval
 Perf'd at 1720' & 1420' for CICR
 Form 17 DocNum: 402339603
 Form 42 DocNum: 402123896
 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: 7/1/2020 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: 12/29/2020

CONDITIONS OF APPROVAL, IF ANY: _____

COA Type	Description

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402423897	FORM 6 SUBSEQUENT SUBMITTED
402423935	OTHER
402423936	CEMENT BOND LOG
402423937	CEMENT JOB SUMMARY
402423940	WIRELINER JOB SUMMARY
402435665	OPERATIONS SUMMARY
402435666	WELLBORE DIAGRAM

Total Attach: 7 Files

General Comments

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

Total: 0 comment(s)