

Document Number:  
402424270

Date Received:

### 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 05-123-23226-00  
 Well Name: BERNHARDT J Well Number: 31-19  
 Location: QtrQtr: SENW Section: 31 Township: 5N Range: 66W 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: 40.359460 Longitude: -104.826850  
 GPS Data: GPS Quality Value: 2.1 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 07/03/2007  
 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	7354	7371	10/02/2019	B PLUG CEMENT TOP	6982
NIOBRARA	7030	7170	10/02/2019	B PLUG CEMENT TOP	6982

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	537	375	537	0	VISU
1ST	7+7/8	4+1/2	11.6	7,498	150	7,498	6,558	CBL
S.C. 1.1				5,276	530	5,256	3,242	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6982 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 6980 ft. to 6848 ft. Plug Type: CASING Plug Tagged:   
 Set 220 sks cmt from 2563 ft. to 2158 ft. Plug Type: STUB PLUG Plug Tagged:   
 Set 100 sks cmt from 2153 ft. to 1893 ft. Plug Type: OPEN HOLE 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 265 sacks half in. half out surface casing from 751 ft. to 0 ft. Plug Tagged:   
 Set 5 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: 2500 ft. of 4+1/2 inch casing Cut and Cap Date: 02/10/2020  
 \*Wireline Contractor: SPN \*Cementing Contractor: Ranger, Cementers Well Service  
 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: 402196772  
 Form 42 DocNum: 402190938  
 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: \_\_\_\_\_ 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: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

COA Type	Description

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402424278	CEMENT BOND LOG
402424279	GYRO SURVEY
402424280	CEMENT JOB SUMMARY
402424281	OPERATIONS SUMMARY
402424282	WELLBORE DIAGRAM
402424283	WIRELINE JOB SUMMARY

Total Attach: 6 Files

## General Comments

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

Total: 0 comment(s)