

Document Number:  
 402509043  
 Date Received:  
 10/21/2020

**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) 381-2990  
 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: \_\_\_\_\_  
 COGCC contact: Email: \_\_\_\_\_

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number 05-123-25091-00  
 Well Name: SPIKE D Well Number: 14-16  
 Location: QtrQtr: SESE Section: 14 Township: 3N 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: 40.219399 Longitude: -104.510863  
 GPS Data: GPS Quality Value: 1.9 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 05/22/2008  
 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	6889	6902	05/20/2019	CEMENT	6319
NIOBRARA	6664	6680	05/20/2019	CEMENT	6319

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	703	339	703	0	VISU
1ST	7+7/8	4+1/2	11.6	7,494	700	7,494	2,845	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
 CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIPB #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 45 sks cmt from 6873 ft. to 6319 ft. Plug Type: CASING Plug Tagged:   
 Set 50 sks cmt from 4464 ft. to 3845 ft. Plug Type: CASING Plug Tagged:   
 Set 35 sks cmt from 2500 ft. to 2000 ft. Plug Type: CASING Plug Tagged:   
 Set 69 sks cmt from 907 ft. to 0 ft. Plug Type: CASING Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 2500 ft. with 145 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
 Perforate and squeeze at 907 ft. with 252 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 \_\_\_\_\_ 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: 06/29/2020  
 of \_\_\_\_\_  
 \*Wireline Contractor: C&J \*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:

Circulated 50 SKS cement for balance plug through tubing with perforation at 4,462'-4,464'.  
 Form 17 DocNum: 402051677  
 Form 42 DocNum: 402041332  
 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: Sharon Retz  
 Title: Regulatory Analyst Date: 10/21/2020 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: 11/30/2020

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

COA Type	Description

### Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402509043	FORM 6 SUBSEQUENT SUBMITTED
402509055	CEMENT JOB SUMMARY
402509063	OPERATIONS SUMMARY
402515404	WELLBORE DIAGRAM
402515437	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)