

Document Number:
 402509131
 Date Received:
 10/14/2020

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: _____
 Email: _____
COGCC contact: _____

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

API Number 05-123-25088-00
 Well Name: SPIKE D Well Number: 14-9
 Location: QtrQtr: NESE 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: 40.223879 Longitude: -104.510795
 GPS Data: GPS Quality Value: 2.1 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	6856	6869	05/16/2019	CEMENT	6318
NIOBRARA	6668	6684	05/16/2019	CEMENT	6318

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	688	331	688	0	VISU
1ST	7+7/8	4+1/2	11.6	7,475	630	7,475	2,990	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 40 sks cmt from 6840 ft. to 6318 ft. Plug Type: CASING Plug Tagged:
Set 50 sks cmt from 4445 ft. to 3822 ft. Plug Type: CASING Plug Tagged:
Set 35 sks cmt from 2504 ft. to 2000 ft. Plug Type: CASING Plug Tagged:
Set 65 sks cmt from 892 ft. to 0 ft. Plug Type: CASING Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Perforate and squeeze at 2504 ft. with 145 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 892 ft. with 240 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:

See email regarding procedure modification.

Circulated 50 SKS cement for balance plug through tubing with perforation at 4,443'-4,445'.

Form 17 DocNum: 402050922

Form 42 DocNum: 402040924

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: 10/14/2020 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: Haverkamp, Curtis Date: 11/4/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402509131	FORM 6 SUBSEQUENT SUBMITTED
402509172	CEMENT JOB SUMMARY
402509174	OPERATIONS SUMMARY
402509176	OTHER
402509179	WELLBORE DIAGRAM
402509182	WIRELINE JOB SUMMARY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Form 7s reporting PA status. GPS coordinates appear accurate. Pre-P&A bradenhead test recorded on Form17. Ops notice given on Form42. -Form44 filed for flowline off location. Casing and cement depths consistent with Form6-Intent. Procedure and wellbore diagram consistent with Form6-Intent.	11/04/2020

Total: 1 comment(s)