

Document Number:
402079734

Date Received:
06/20/2019

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: Joe Brnak
 Name of Operator: NOBLE ENERGY INC Phone: (970) 381-1234
 Address: 1001 NOBLE ENERGY WAY Fax: _____
 City: HOUSTON State: TX Zip: 77070 Email: joe.brnak@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 05-123-16892-00
 Well Name: KATE WHITE D Well Number: 29-15
 Location: QtrQtr: SWSE Section: 29 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: 40.191021 Longitude: -104.573108
 GPS Data: GPS Quality Value: 2.1 Type of GPS Quality Value: PDOP Date of Measurement: 09/22/2006
 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
SUSSEX	4464	4488	03/23/2010	SQUEEZED	
CODELL	7057	7069	11/15/2018	B PLUG CEMENT TOP	6770
NIOBRARA	6822	6934	11/15/2018	B PLUG CEMENT TOP	6770

Total: 3 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	563	390	563	0	VISU
1ST	7+7/8	3+1/2	7.7	7,193	276	7,193	6,160	CBL
S.C. 1.1				7,193	371	4,680	3,635	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6770 with 20 sacks cmt on top. CIBP #2: Depth 4400 with 20 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 20 sks cmt from 6770 ft. to 6179 ft. Plug Type: CASING Plug Tagged:
 Set 20 sks cmt from 4400 ft. to 3951 ft. Plug Type: CASING Plug Tagged:
 Set 180 sks cmt from 1996 ft. to 1528 ft. Plug Type: CASING 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 420 sacks half in. half out surface casing from 841 ft. to 40 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: 2000 ft. 3+1/2 inch casing Cut and Cap Date: 04/09/2019
 of _____
 *Wireline Contractor: CASED HOLE SOLUTIONS *Cementing Contractor: HALLIBURTON
 Type of Cement and Additives Used: CLASS G NEAT 15.8#
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

CUT AND CAP 4/9/2019

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Jan Barthel
 Title: Operations Tech Date: 6/20/2019 Email: jan.barthel@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: McFarland, Nick Date: 8/9/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402079734	FORM 6 SUBSEQUENT SUBMITTED
402081468	CEMENT BOND LOG
402081469	GYRO SURVEY
402081471	CEMENT JOB SUMMARY
402081472	OPERATIONS SUMMARY
402081473	WELLBORE DIAGRAM
402081474	WIRELINER JOB SUMMARY

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Still need 42/44. (Filed doc: 402222124) 5A filed and form 7 corrected.	01/22/2020
Engineer	*Enforcement Review: 6 SRA filed late on 6/18/2019 for plugging completed on 4/9/2019. 6 SRA is due within 30 days of plugging. Emailed operator regarding items below: *Form 7 reporting needs several corrections. 1. The Sussex is still reporting SI, instead of PA. 2. While the Codell is reported as PA, it shouldn't be reported as just the "CODELL". The Niobrara was completed in August 2011 per Doc: 401764864 and should also be reported. Please have the CODELL reporting removed and replaced by NIOBRARA-CODELL. *No form 42 / 44 has been filed for flowline abandonment. Please file.	09/05/2019
Engineer	Form 17 filed; 5 psi down to 0 psi on surface casing. 48 hour ops notice filed. GPS location appears accurate on maps. Zones and casing history are consistent with approved intent. Procedure, WBD and tickets are consistent.	09/05/2019
Engineer	jacobsoe 11/28/2018 100322 123-16892 11/28/2018 Edit We cut casing at 2500ft and were unable to pull. Our plan is to move up to 2000ft and try again. We would then pump the 500ft courtesy plug 2000-1500ft. Let me know if that works. We are waiting to cut right now. Approved as discussed. EJ	09/05/2019

Total: 4 comment(s)