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402032706

Date Received:
05/06/2019

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: _____
 COGCC contact: Email: _____

API Number 05-123-26537-00 Well Number: 29-19
 Well Name: KAMMERZELL J
 Location: QtrQtr: NENW Section: 29 Township: 5N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.374131 Longitude: -104.807899
 GPS Data:
 Date of Measurement: 11/29/2007 PDOP Reading: 3.6 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	7374	7391	12/18/2018	B PLUG CEMENT TOP	7325

Total: 1 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	935	449	935	0	VISU
1ST	7+7/8	4+1/2	11.6	7,519	990	7,519	1,733	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7325 with 20 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 20 sks cmt from 7325 ft. to 6976 ft. Plug Type: CASING Plug Tagged:
 Set 35 sks cmt from 5300 ft. to 4688 ft. Plug Type: CASING Plug Tagged:
 Set 150 sks cmt from 1760 ft. to 1410 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 440 sacks half in. half out surface casing from 1193 ft. to 14 ft. Plug Tagged:
 Set 16 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: 1710 ft. of 4+1/2 inch casing Plugging Date: 01/21/2019
 *Wireline Contractor: SPN *Cementing Contractor: SPN
 Type of Cement and Additives Used: Class G Neat 15.8#
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

CUT AND CAP 1/29/2019

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 Technician Date: 5/6/2019 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: 7/1/2019

CONDITIONS OF APPROVAL, IF ANY: _____

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402032706	FORM 6 SUBSEQUENT SUBMITTED
402032735	CEMENT JOB SUMMARY
402032738	OPERATIONS SUMMARY
402032741	GYRO SURVEY
402032742	WELLBORE DIAGRAM
402032744	WIRELINE JOB SUMMARY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Form 17 filed. 0 psi on SC. 48 hour ops notice filed. Form 7 status set to PA. 44 filed registering flowline. Zones and casing history are consistent with approved intent. Procedure, WBD and tickets are consistent.	07/01/2019
Engineer	GPS location appears accurate on maps.	06/25/2019

Total: 2 comment(s)