

FORM
6
Rev
02/20

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
Document Number: 402476083			
Date Received: 08/27/2020			

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: <u>100322</u>	Contact Name: <u>Kevin Monaghan</u>
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(970) 3812990</u>
Address: <u>1001 NOBLE ENERGY WAY</u>	Fax: _____
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77070</u>	Email: <u>kevin.monaghan@nblenergy.com</u>
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 <u>05-123-23316-00</u>	Well Name: <u>RAGAN N</u>	Well Number: <u>14-17</u>
Location: QtrQtr: <u>CNE</u> Section: <u>14</u> Township: <u>5N</u> Range: <u>67W</u> Meridian: <u>6</u>		
County: <u>WELD</u>	Federal, Indian or State Lease Number: _____	
Field Name: <u>WATTENBERG</u>	Field Number: <u>90750</u>	

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.403070 Longitude: -104.855680

GPS Data: GPS Quality Value: 2.9 Type of GPS Quality Value: _____ Date of Measurement: 08/22/2006

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
CODELL	7170	7192	11/25/2019	B PLUG CEMENT TOP	6812
NIOBRARA	6862	6994	11/25/2019	B PLUG CEMENT TOP	6812
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	409	290	409	0	VISU
1ST	7+7/8	4+1/2	11.6	7,332	1,010	7,332	1,622	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6812 with 10 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 10 sks cmt from 6812 ft. to 6681 ft. Plug Type: CASING Plug Tagged:
 Set 40 sks cmt from 2500 ft. to 1972 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:
 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 264 sacks half in. half out surface casing from 669 ft. to 0 ft. Plug Tagged:
 Set 20 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: 609 ft. 4+1/2 inch casing Cut and Cap Date: 03/18/2020
 of _____
 *Wireline Contractor: SPN *Cementing Contractor: Ranger Energy Services
 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: 402254658
 Form 42 DocNum: 402240401
 Form 44 DocNum: 402441310

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: 8/27/2020 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: McFarland, Nick Date: 11/9/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402476083	FORM 6 SUBSEQUENT SUBMITTED
402476100	CEMENT BOND LOG
402476101	CEMENT JOB SUMMARY
402476102	OPERATIONS SUMMARY
402476103	WELLBORE DIAGRAM
402476104	WIRELINE JOB SUMMARY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Enforcement Review: 6S filed late on 8/27/20 for plugging completed on 3/18/2020.	11/09/2020
Engineer	GPS location appears accurate on satellite imagery. Ops notice given. Pre-PA BH test filed. 0 psi. Form 7 reporting PA status. Flowline registered. Zones and casing history are consistent with approved intent. Procedure, WBD and tickets are consistent.	11/09/2020

Total: 2 comment(s)