

Document Number:
401407442

Date Received:
09/19/2017

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: SONU CHOUDHARY

Name of Operator: NOBLE ENERGY INC Phone: (720) 939-2574

Address: 1625 BROADWAY STE 2200 Fax: _____

City: DENVER State: CO Zip: 80202 Email: NARAYAN.CHOUDHARY@NBLENERGY.COM

For "Intent" 24 hour notice required, Name: Carlile, Craig Tel: (970) 629-8279

COGCC contact: Email: craig.carlile@state.co.us

API Number 05-123-32394-00

Well Name: ARISTOCRAT PC Well Number: H11-07

Location: QtrQtr: SWNE Section: 11 Township: 3N Range: 65W Meridian: 6

County: WELD Federal, Indian or State Lease Number: _____

Field Name: ARISTOCRAT Field Number: 2925

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.241174 Longitude: -104.628642

GPS Data:
Date of Measurement: 01/07/2011 PDOP Reading: 3.1 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: 954

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: COGCC: Changed Fish in hole and uncemented leaks to No.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
GREENHORN	7345	7362			

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	36	754	323	754	0	VISU
1ST	7+7/8	4+1/2	11.6	7,715	665	7,715	1,620	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7295 with 2 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 65 sks cmt from 4900 ft. to 4100 ft. Plug Type: CASING Plug Tagged:
Set 40 sks cmt from 2500 ft. to 2000 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 1680 ft. with 105 sacks. Leave at least 100 ft. in casing 1580 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 80 sacks half in. half out surface casing from 1004 ft. to 0 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 Plugging Date: _____
of _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: _____ Print Name: ANGELA FIORE

Title: ENGINEERING TECHNICIAN Date: 9/19/2017 Email: ANGELA.FIORE@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: Wolfe, Stephen Date: 10/13/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 4/12/2018

COA Type	Description
	<p>Bradenhead Testing</p> <p>Prior to starting plugging operations, a bradenhead test shall be performed. If the initial shut-in bradenhead pressure is greater than 25 psi or liquid is present at any time during the test, notify COGCC Engineer for sampling requirements prior to proceeding with the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling.</p>
	<p>Plugging</p> <ul style="list-style-type: none"> • Provide 48 hour notice of plugging MIRU via electronic Form 42. • Add 20 sx casing plug at top of Niobrara, 6520-6780' +/-. • If there is fluid migration or shut-in pressure on the well prior to pumping any plug (annular or casing) that isolates deepest aquifer or the surface casing shoe (whichever is deeper) contact COGCC Engineer for revised plugging orders. • If the shoe plug, or combined stub/shoe plug, is not circulated to the surface then the plug shall be tagged and must be 50' into the shoe, or 50' above the cut, whichever is shallower. • Place a 50' plug(minimum) at the surface, all other plugs shall have at least 100' of cement left in the casing. • Properly abandon flowlines as per Rule 1103.
	<p>Reporting</p> <ul style="list-style-type: none"> • Form 17 Bradenhead Test Report shall be submitted within 10 days of the test. • File electronic Form 42 once flowline abandonment is complete.
	Update formation information for all productive intervals via sundry.

Attachment Check List

Att Doc Num	Name
401407442	FORM 6 INTENT SUBMITTED
401407457	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Engineer	Requested info on reported fish in hole and uncemented casing leaks? Received and corrected to No for both.	10/12/2017
Public Room	Document verification complete 09/20/17	09/20/2017

Total: 2 comment(s)