

FORM
6Rev
12/05

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:

401020210

Date Received:

04/01/2016

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: JOHN HATCH

Name of Operator: NOBLE ENERGY INC

Phone: (720) 587-2377

Address: 1625 BROADWAY STE 2200

Fax:

City: DENVER State: CO Zip: 80202

Email: JOHN.HATCH@NBLENERGY.COM

For "Intent" 24 hour notice required,

Name: Gomez, Jason

Tel: (970) 573-1277

COGCC contact:

Email: jason.gomez@state.co.us

API Number 05-123-18622-00

Well Name: BICKLING

Well Number: 3-42

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

County: WELD

Federal, Indian or State Lease Number: 64300

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: 40.514158

Longitude: -104.646921

GPS Data:

Date of Measurement: 01/25/2007

PDOP Reading: 3.6

GPS Instrument Operator's Name: David Gipson

Reason for Abandonment: ☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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	7112	7123			
NIOBRARA	6960	6977			

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	445	310	445	11	VISU
1ST	7+7/8	3+1/2	7.7	7,265	180	7,265	6,424	CBL
S.C. 1.1				4,325	631	4,325	1,000	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6910 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 15 sks cmt from 2500 ft. to 2180 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: ☐
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 300 sacks half in. half out surface casing from 654 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. of _____ inch casing Plugging Date: _____

*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:

HALLIBURTON ENGINEER: TANNER BOYD 432-803-6064
PERFORATE @ 654', PUMP 270 SX OUTSIDE AND 30 SX INSIDE. BRING CMT TO SURFACE

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 TECH Date: 4/1/2016 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: HICKEY, MIKE Date: 4/20/2016

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 10/19/2016

COA Type

Description

1)Submit Form 42 electronically to COGCC 48 hours prior to MIRU.
2)For 654' plug: perforate, pump plug, and displace. Annular cement must be circulated to surface. If production casing cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – must be 395' or shallower and provide minimum 10 sx plug at the surface. Leave at least 100' of cement in the wellbore for each plug.
3)Properly abandon flowlines. Once flowlines are properly abandoned, file electronic form 42.

Attachment Check List

Att Doc Num**Name**

401020210	FORM 6 INTENT SUBMITTED
401020223	WELLBORE DIAGRAM
401020225	WELLBORE DIAGRAM
401020226	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

General Comments

User Group**Comment****Comment Date**

Public Room	Document verification complete 04/14/16	4/14/2016 2:40:26 PM
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Total: 1 comment(s)