

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:

400844526

Date Received:

05/27/2015

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: Ben Zapp

Name of Operator: NOBLE ENERGY INC

Phone: (303) 228-4272

Address: 1625 BROADWAY STE 2200

Fax: (970) 304-5099

City: DENVER State: CO Zip: 80202

Email: Ben.Zapp@nblenergy.com

For "Intent" 24 hour notice required,

Name: Rains, Bill

Tel: (970) 590-6480

COGCC contact:

Email: bill.rains@state.co.us

API Number 05-123-13874-00

Well Name: LILLI UNIT

Well Number: 6-12

Location: QtrQtr: SENW Section: 12 Township: 8N Range: 59W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: LILLI

Field Number: 49970

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.677780

Longitude: -103.926580

GPS Data:

Date of Measurement: 03/16/2006

PDOP Reading: 6.0

GPS Instrument Operator's Name: ALLISON HAINES

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ Other

Casing to be pulled:

☒ Yes☐ No

Estimated Depth: 2500

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
D SAND	6456	6464			

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	216	150	216	0	VISU
1ST	7+7/8	4+1/2	10.5	6,542	200	6,542	5,440	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6406 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 <u>15</u> sks cmt from <u>5720</u> ft. to <u>5620</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>100</u> sks cmt from <u>2500</u> ft. to <u>2300</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>40</u> sks cmt from <u>600</u> ft. to <u>500</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 155 sacks half in. half out surface casing from 450 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:

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

Signed: _____ Print Name: Marilyn Tucker

Title: Engineering Tech Date: 5/27/2015 Email: marilyn.tucker@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: SUTPHIN, DIRK Date: 6/4/2015

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 12/3/2015

COA Type	Description
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Regarding 100 sx stub plug proposed at 2500': If casing cannot be pulled between 2500'–1400', perf and squeeze at least 40 sx in the same interval, (base of U. Pierre Aquifer at 1320') if cannot pump into set 20 sx in casing at the perfs. 3) Additional 40 sx cement plug at 600', (between base of Fox Hills at 440' and top of U. Pierre aquifer at 690'). 4) Tag 155 sx at 450' plug above surface casing shoe (if not cemented to surface as proposed). 5) Cement from 50' to surface inside production casing and in production casing / surface casing annulus.

Attachment Check List

Att Doc Num	Name
400844526	FORM 6 INTENT SUBMITTED
400844560	WELLBORE DIAGRAM
400844561	WELLBORE DIAGRAM
400844562	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Engineer	Increased cement quantity to 15 sx on the Niobrara casing plug at 5720'.	3/4/2015 8:37:05 AM

Total: 1 comment(s)