

FORM
6Rev
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



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Document Number:

402249820

Date Received:

01/08/2020

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: 100322

Contact Name: Joe Brnak

Name of Operator: NOBLE ENERGY INC

Phone: (970) 391-1234

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:

Type of Well Abandonment Report:



Notice of Intent to Abandon



Subsequent Report of Abandonment

API Number 05-123-26673-00

Well Name: LLOYD

Well Number: 25-15

Location: QtrQtr: NWSE

Section: 15

Township: 4N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: HAMBERT

Field Number: 33530

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.309860

Longitude: -104.761060

GPS Data: GPS Quality Value: 3.8 Type of GPS Quality Value: PDOP

Date of Measurement: 08/12/2008

GPS Instrument Operator's Name: Cody Mattson

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	7319	7335	02/15/2018	B PLUG CEMENT TOP	6956
NIOBRARA	7006	7200	02/15/2018	B PLUG CEMENT TOP	6956

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	578	310	578	12	CALC
1ST	7+7/8	4+1/2	11.60	7,493	625	7,493	3,390	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6958 with 2 sacks cmt on top. CIBP #2: Depth 4153 with 2 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>16</u> sks cmt from <u>3170</u> ft. to <u>2960</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>30</u> sks cmt from <u>2199</u> ft. to <u>1799</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>178</u> sks cmt from <u>1278</u> ft. to <u>848</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>59</u> sks cmt from <u>848</u> ft. to <u>740</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>181</u> sks cmt from <u>505</u> ft. to <u>14</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>

Perforate and squeeze at 0 ft. with 0 sacks. Leave at least 100 ft. in casing 4067 CICR Depth

Perforate and squeeze at 3270 ft. with 86 sacks. Leave at least 100 ft. in casing 3170 CICR Depth

Perforate and squeeze at 2299 ft. with 138 sacks. Leave at least 100 ft. in casing 2199 CICR Depth

(Cast Iron Cement Retainer Depth)

Set 89 sacks half in. half out surface casing from 740 ft. to 505 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: 1278 ft. of 2+3/8 inch casing Cut and Cap Date: 10/16/2019

*Wireline Contractor: A-Plus

*Cementing Contractor: A-Plus

Type of Cement and Additives Used: Class G

Flowline/Pipeline has been abandoned per Rule 1105 ☒ Yes ☐ No

Technical Detail/Comments:

Form 17: Submitted 12/3/2019, 402251952
Form 42: Flowline Abandonment Submitted 6/29/2017, 401326073
Form 42: 48 Hour PA Notice Submitted 5/31/2019, 402061049
Form 44: Flowline Registration Submitted 10/7/2019, 402199760
CICR at 4069' fell into cement on top of CIBP at 4153' while RIH.
Perf'd @3270' - 3000' for CICR @3170'
Perf'd @2299' - 1799' for CICR @2199'

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

Signed: _____ Print Name: Stephany Olsen

Title: Regulatory Analyst Date: 1/8/2020 Email: stephany.olsen@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: Jacobson, Eric Date: 9/9/2020

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402249820	FORM 6 SUBSEQUENT SUBMITTED
402254869	OTHER
402254988	WIRELINE JOB SUMMARY
402276318	OPERATIONS SUMMARY
402279999	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)