

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:

402322083

Date Received:

02/24/2020

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) 381-1234

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 05-123-25097-00

Well Name: SPIKE STATE D

Well Number: 14-13

Location: QtrQtr: SWSW

Section: 14

Township: 3N

Range: 64W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 70-7883

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.219694

Longitude: -104.525882

GPS Data: GPS Quality Value: 2.4 Type of GPS Quality Value: PDOP

Date of Measurement: 08/29/2007

GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment:


☐ Production Sub-economic

☐ Mechanical Problems

☐ Other

Casing to be pulled:



Estimated Depth:

Fish in Hole:



If yes, explain details below

Wellbore has Uncemented Casing leaks:



If yes, explain details below

Details:

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA	6719	6735	05/08/2019	B PLUG CEMENT TOP	6667
CODELL	6945	6958	05/08/2019	BRIDGE PLUG	6877

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	740	356	740	0	VISU
1ST	7+7/8	4+1/2	11.60	7,086	720	7,086	3,252	CBL

CIBP #1: Depth	<u>6877</u>	with	<u> </u>	sacks cmt on top.	CIPB #2: Depth	<u>6667</u>	with	<u>2</u>	sacks cmt on top.
CIBP #3: Depth	<u>4050</u>	with	<u>2</u>	sacks cmt on top.	CIPB #4: Depth	<u> </u>	with	<u> </u>	sacks cmt on top.
CIBP #5: Depth	<u> </u>	with	<u> </u>	sacks cmt on top.	NOTE: Two(2) sacks cement				

NOTE: Two(2) sacks cement required on all CIBPs.

Set	10	sks cmt from	2400	ft. to	2271	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set	71	sks cmt from	940	ft. to	0	ft.	Plug Type:	CASING	Plug Tagged:	<input checked="" 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"/>
Set		sks cmt from		ft. to		ft.	Plug Type:		Plug Tagged:	<input type="checkbox"/>

Perforate and squeeze at	<u>2500</u>	ft. with	<u>151</u>	sacks. Leave at least 100 ft. in casing	<u>2400</u>	CICR Depth
Perforate and squeeze at	<u>940</u>	ft. with	<u>232</u>	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 sacks half in. half out surface casing from ft. to 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

Casing Recovered: _____ ft. _____ inch casing Cut and Cap Date: 10/02/2019

*Wireline Contractor: SPN

Type of Cement and Additives Used: Class G Neat

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

Technical Detail/Comments:

Perfs at 2500' & 2000'
Casing cut at 940' casing not pulled.

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

Signed: _____ Print Name: Stephanie Dionne

Title: Operations Tech Date: 2/24/2020 Email: stephanie.dionne@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: Haverkamp, Curtis Date: 6/10/2020

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>
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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402322083	FORM 6 SUBSEQUENT SUBMITTED
402322125	CEMENT JOB SUMMARY
402322126	OPERATIONS SUMMARY
402322127	WELLBORE DIAGRAM
402322128	WIRELINE JOB SUMMARY

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Form 7s reporting PA status. GPS coordinates appear accurate. Pre-P&A bradenhead test recorded on Form17. Ops notice given on Form42. Changes in plugging depths/procedure from Form6-Intent documented. Casing and wellbore diagram consistent with Form6 and job summary.	06/10/2020

Total: 1 comment(s)