

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



DE ET OE ES

Document Number:

402351754

Date Received:

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: Kevin Monaghan

Name of Operator: NOBLE ENERGY INC

Phone: (970) 381-2990

Address: 1001 NOBLE ENERGY WAY

Fax:

City: HOUSTON State: TX Zip: 77070

Email: kevin.monaghan@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 05-123-22023-00

Well Name: GRUEN

Well Number: 22-33

Location: QtrQtr: SWSW Section: 22 Township: 6N Range: 64W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 20010103

Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.466212 Longitude: -104.543354

GPS Data: GPS Quality Value: 4.2 Type of GPS Quality Value: PDOP Date of Measurement: 02/28/2007

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 belowWellbore 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	6914	6926	06/12/2019	B PLUG CEMENT TOP	6582
NIOBRARA	6632	6770	06/12/2019	B PLUG CEMENT TOP	6582

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	792	525	792	0	VISU
1ST	7+7/8	4+1/2	11.60	7,097	137	7,097	6,400	CBL
S.C. 1.1				4,000	204	4,000	3,400	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6582 with 2 sacks cmt on top. CIPB #2: Depth 3554 with 2 sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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>185</u> sks cmt from <u>2501</u> ft. to <u>1992</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>322</u> sks cmt from <u>977</u> ft. to <u>49</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>2</u> sks cmt from <u>49</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</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 _____ 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

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. _____ inch casing Cut and Cap Date: 02/19/2020

*Wireline Contractor: SPN, SLB *Cementing Contractor: SLB

Type of Cement and Additives Used: Class G

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

Technical Detail/Comments:

Rigless PA job.

1. Form 42: 48 Hour PA Notice Submitted 08/16/2019, 402147480

2. Well was static

3. Well was static

4. All plugs have at least 100' of cement

5. Form 44: Flowline Abandonment Submitted 2/26/2020, 402322474

7. Well was static

Form 17: Submitted 3/11/2020, 402339628

8/20/2019 CBL run from 983' - surface, attached.

2/19/2020- 2 sack top off on the day of the cut and cap. no cement summary available.

Perf'd @ 2500'

Cut casing @ 992'

Cut casing @ 982'

Perf'd @ 977'

Noble tagged cement at 49, topped off 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: Julie Webb
Title: Sr. Regulatory Analyst Date: _____ Email: DenverRegulatory@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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type Description

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Attachment Check List

Att Doc Num Name

402352219	CEMENT BOND LOG
402352241	CEMENT JOB SUMMARY
402353901	WIRELINE JOB SUMMARY
402449562	OPERATIONS SUMMARY
402449581	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group Comment Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)