

Document Number:
 402501162
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 11/13/2020

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: 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: _____
 Email: _____
COGCC contact: _____

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-17066-00
 Well Name: Riva Blue D Well Number: 31-04J
 Location: QtrQtr: NWSE Section: 31 Township: 3N Range: 64W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.178929 Longitude: -104.590277
 GPS Data: GPS Quality Value: 2.2 Type of GPS Quality Value: PDOP Date of Measurement: 05/04/2009
 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	7117	7131	01/31/2020	B PLUG CEMENT TOP	6806
NIOBRARA	6856	6970	01/31/2020	B PLUG CEMENT TOP	6806

Total: 2 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J-55	24	0	687	480	687	0	VISU
1ST	7+7/8	3+1/2	M-75	7.70	0	7655	758	7655	3962	CBL

Subsurface hazards include, but are not limited to, the following: overpressured zones, underpressured zones, major geologic faults, salt sections, H2S at concentrations greater than or equal to 100 ppm.

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6806 with 2 sacks cmt on top. CIPB #2: Depth 4114 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 10 sks cmt from 2400 ft. to 2176 ft. Plug Type: CASING Plug Tagged:
 Set 12 sks cmt from 887 ft. to 788 ft. Plug Type: CASING Plug Tagged:
 Set 8 sks cmt from 788 ft. to 617 ft. Plug Type: CASING Plug Tagged:
 Set 14 sks cmt from 617 ft. to 0 ft. Plug Type: CASING Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 2500 ft. with 170 sacks. Leave at least 100 ft. in casing 2400 CICR Depth
 Perforate and squeeze at 887 ft. with 253 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. of _____ inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 189
 Surface Plug Setting Date: 02/06/2020 Cut and Cap Date: 08/13/2020

*Wireline Contractor: SPN *Cementing Contractor: SPN

Type of Cement and Additives Used: Class G

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

1. Form 42 submitted 02/05/2020, Doc 402303475
2. No evidence of fluid migration
3. Cement to 617', Topped of cement during cut and cap.
4. All Plugs have at least 100' of cement
5. Form 44 abandonment submitted 9/24/20, Doc 402497016
7. Well was static

Form 17 submitted 10/2/2020, Doc 402310964

Perf'd at 2500' and 2000' for CICR @ 2400'

Topped off well with 14 sks of cement during cut and cap. No cement summary available.

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

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: 12/14/2020

CONDITIONS OF APPROVAL, IF ANY:

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

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402501162	FORM 6 SUBSEQUENT SUBMITTED
402502975	CEMENT JOB SUMMARY
402503795	WIRELINER JOB SUMMARY
402531980	WELLBORE DIAGRAM
402531983	OPERATIONS SUMMARY
402532065	CEMENT BOND LOG

Total Attach: 6 Files

General Comments

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

Total: 0 comment(s)