

Document Number:
402526634

Date Received:
11/06/2020

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: _____
 COGCC contact: Email: _____

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

API Number 05-123-13179-00
 Well Name: ALOYSIUS Well Number: 34-6
 Location: QtrQtr: SESW Section: 34 Township: 4N Range: 64W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 68316
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.263560 Longitude: -104.539450
 GPS Data: GPS Quality Value: 5.2 Type of GPS Quality Value: _____ Date of Measurement: 08/25/2006

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	6866	6879	08/05/2020	B PLUG CEMENT TOP	6546
NIOBRARA	6596	6744	08/05/2020	B PLUG CEMENT TOP	6546

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	NA	24		313	215	313	0	VISU
1ST	7+7/8	4+1/2	N80	15.10		7022	230	7022	6168	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 6546 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ 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>20</u> sks cmt from <u>3862</u> ft. to <u>3585</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>35</u> sks cmt from <u>2372</u> ft. to <u>1920</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>120</u> sks cmt from <u>921</u> ft. to <u>688</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>180</u> sks cmt from <u>688</u> ft. to <u>447</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>164</u> sks cmt from <u>358</u> ft. to <u>14</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>

Perforate and squeeze at 3984 ft. with 100 sacks. Leave at least 100 ft. in casing 3862 CICR Depth
 Perforate and squeeze at 2500 ft. with 155 sacks. Leave at least 100 ft. in casing 2372 CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 70 sacks half in. half out surface casing from 447 ft. to 263 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: 895 ft. of 4+1/2 inch casing
 Surface Plug Setting Date: 09/22/2020 Cut and Cap Date: 10/30/2020 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 38

*Wireline Contractor: A Plus *Cementing Contractor: A Plus, SPN

Type of Cement and Additives Used: Class G Neat

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Plugging procedure entry continued below from plugging procedure tab:
 surface plug set from 263'-12' with 126 SX.

See emails regarding procedure modifications.

Form 17 DocNum: 402460064
 Form 42 DocNum: 402452556
 Form 44 DocNum: 402524310

Top perforation for CICR set at 3,862' made at 3,675'-3,676'.
 Top perforation for CICR set at 2,372' made at 2,000'-2,001'.

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

Signed: _____ Print Name: Sharon Retz
 Title: Regulatory Analyst Date: 11/6/2020 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: Jacobson, Eric

Date: 1/13/2021

CONDITIONS OF APPROVAL, IF ANY:

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

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402526634	FORM 6 SUBSEQUENT SUBMITTED
402526662	OPERATIONS SUMMARY
402526663	OTHER
402526664	OTHER
402526665	WELLBORE DIAGRAM
402526699	WIRELINE JOB SUMMARY
402526702	CEMENT JOB SUMMARY

Total Attach: 7 Files

General Comments

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

Total: 0 comment(s)