

Document Number:
402351146

Date Received:
03/26/2020

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: _____
 Email: _____

COGCC contact: _____

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

API Number 05-123-17118-00
 Well Name: OTTOSON Well Number: 32-15
 Location: QtrQtr: SWSE Section: 32 Township: 7N Range: 65W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 59332
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.526085 Longitude: -104.684339
 GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: _____ Date of Measurement: 04/29/2008
 GPS Instrument Operator's Name: Paul Tappy
 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
PARKMAN	3816	3823	10/21/1993	SQUEEZED	
CODELL	7208	7218	09/27/2019	B PLUG CEMENT TOP	7158
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	469	300	469	0	VISU
1ST	7+7/8	4+1/2	11.6	7,404	150	7,404	6,408	CBL
S.C. 1.1				3,750	340	3,650	3,080	CBL
S.C. 1.2				3,960	50	3,960	3,730	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7158 with 2 sacks cmt on top. CIPB #2: Depth 6863 with 2 sacks cmt on top.
 CIBP #3: Depth 3776 with 2 sacks cmt on top. CIPB #4: Depth 3600 with 2 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 2509 ft. to 2377 ft. Plug Type: CASING Plug Tagged:
 Set 126 sks cmt from 326 ft. to 0 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 2609 ft. with 155 sacks. Leave at least 100 ft. in casing 2509 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 128 sacks half in. half out surface casing from 705 ft. to 326 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: 705 ft. of 4+1/2 inch casing Cut and Cap Date: 02/20/2020

*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:

Per COAs on Form 6 NOI doc # 402193282
 1. Form 42: 48 Hour PA Notice Submitted 12/6/2019, 402183519
 2. Confirmed well was static
 3. Cement had returns to surface
 4. All plugs have at least 100' of cement
 5. Form 44: Flowline Registration Submitted 10/7/2019, 402199760. Abandonment will be filed in next Form 44 Realignment
 7. Confirmed well was static
 Form 5 to report annular fill submitted 10/21/2019, 402175321
 Form 5A to report PRKM SQZ submitted 9/12/2019, 402172303. Withdrawn after COGCC recommendation. Correspondence attached.
 Form 17: Submitted 12/6/2019, 402256487
 CBL run 9/30/2019 from 4500' - surface, attached

Perf'd @ 2609' - 2109' for CICR @ 2509'
 Perf'd @ 700', could not circulate cement
 Jet cut casing @ 705' and pulled casing

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: 3/26/2020 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: 11/6/2020

CONDITIONS OF APPROVAL, IF ANY: _____

COA Type	Description

Attachment Check List

Att Doc Num	Name
402351146	FORM 6 SUBSEQUENT SUBMITTED
402351297	CEMENT JOB SUMMARY
402351298	OPERATIONS SUMMARY
402351299	WELLBORE DIAGRAM
402351300	WIRELINER JOB SUMMARY
402351477	OTHER
402351485	CEMENT BOND LOG

Total Attach: 7 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)