

Document Number:
402612174

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) 3812990
 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 05-123-17404-00
 Well Name: NORRIS Well Number: D 32-4J
 Location: QtrQtr: SESE Section: 32 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: 40.177484 Longitude: -104.569603
 GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: _____ Date of Measurement: 02/03/2010

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
J SAND	7522	7582	11/18/2020	B PLUG CEMENT TOP	7472

Total: 1 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	36		626	440	626	0	VISU
1ST	7+7/8	3+1/2	M75	7.7		7668	315	7668	6300	CBL
S.C. 1.1						7668	480	5200	3410	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7472 with 2 sacks cmt on top. CIBP #2: Depth 6722 with 2 sacks cmt on top.
 CIBP #3: Depth 4143 with 2 sacks cmt on top. CIBP #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>35</u>	sks cmt from <u>1500</u>	ft. to <u>1400</u>	ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>9</u>	sks cmt from <u>857</u>	ft. to <u>663</u>	ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>101</u>	sks cmt from <u>857</u>	ft. to <u>456</u>	ft.	Plug Type: <u>ANNULUS</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>11</u>	sks cmt from <u>663</u>	ft. to <u>363</u>	ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 1900 ft. with 0 sacks. Leave at least 100 ft. in casing 1800 CICR Depth
 Perforate and squeeze at 1600 ft. with 45 sacks. Leave at least 100 ft. in casing 1500 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: 59
 Surface Plug Setting Date: 11/30/2020 Cut and Cap Date: 01/28/2021

*Wireline Contractor: SPN *Cementing Contractor: SPN

Type of Cement and Additives Used: Class G Neat

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Procedure Modification for deep plug attached.
 1sx top off PRD CSG; no cmt ticket available for top off
 1.3 sx top off SFC CSG; no cmt ticket available for top off
 2 x CBLs attached
 CIBP @ 7428' lost pressure; no good
 TBG PUNCH @ 1924'
 Perf @ 1900' and 1600' for CICR @ 1800' water in hole - first two plugs no good- stinger failure/tubing failure
 Perf @ 1400' CICR @ 1500'
 Jet Cut @ 957'; couldn't POOH
 Jet Cut @ 947'; couldn't POOH
 Jet Cut @ 857' ; couldn't POOH

Form 17 DocNum: 402535233
 Form 27 DocNum: 402582183
 Form 42 DocNum: 402532100
 Form 44 DocNum: Flowline will be abandoned.

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

Signed: _____ Print Name: Lauren Hoff
 Title: HSE Reg Affairs Coord 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: _____

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

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402612175	CEMENT BOND LOG
402612176	CEMENT BOND LOG
402612177	CEMENT JOB SUMMARY
402612178	OPERATIONS SUMMARY
402612179	OTHER
402612180	WELLBORE DIAGRAM
402612181	WIRELINE 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)