FORM 6 Rev 12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

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Document Number: 400402236

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: Justin Garrett

Name of Operator: NOBLE ENERGY INC Phone: (303) 228 4449

Address: 1625 BROADWAY STE 2200 Fax: (303) 228 4286

City: DENVER State: CO Zip: 80202 Email: JDGarrett@nobleenergyinc.com

For "Intent" 24 hour notice required, COGCC contact: Name: MONTOYA, JOHN Tel: (970) 3974124 Email: john.montoya@state.co.us

API Number 05-123-36258-00

Well Name: SLW RANCH B Well Number: 12-69-1HN

Location: QtrQtr: SESE Section: 1 Township: 5N Range: 64W Meridian: 6

County: WELD Federal, Indian or State Lease Number:

Field Name: WATTENBERG Field Number: 90750

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.423930 Longitude: -104.492650

GPS Data:

Date of Measurement: 04/02/2012 PDOP Reading: 1.6 GPS Instrument Operator's Name: Adam Kelly

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☒ Mechanical Problems

☐ Other Wellbore collapse

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 7309

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	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth

Total: 0 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
CONDUCTOR	18+1/2	16	0	100	6	100	0	
SURF	13+3/4	9+5/8	36	625	310	625	0	
1ST	8+3/4	7	26	6,684	0	6,684	0	
OPEN HOLE	8+3/4		0	7,309	0	7,309	6,684	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 210 sks cmt from 6684 ft. to 6084 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 210 sks cmt from 4481 ft. to 3381 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 310 sks cmt from 725 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: ☐

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. of _____ inch casing Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Brett Fisher rec'd verbal approval from Diana Burn 4/9/13.

Plugging procedure:
1. Pick up ~853 foot 2 7/8" EUE tubing stinger and crossover to 4" XT-39 drill pipe. TIH to 6,684'
2. Circulate at 450-500 GPM. Circ & condition minimum 2x bottoms up and until mud in properties match mud out.
3. RU Halliburton cementers.
4. Pump 33.48 bbl 13.5ppg TunedSpacer III ahead of cement.
5. Pump 44.6 bbl PlugCem
• 15.8 ppg PlugCem
i. Class G
ii. Pump Time of 2.5hrs to 70Bc
• Volumes calculated off 1.15 ft3/sk yield
• Cement plug length is estimated at 600 ft (TOC is estimated at 6,084')
6. Displace with 5.0 bbl 13.5 Tuned spacer III behind cement, followed by 59.59 bbls mud displacement.
7. Slowly pull out of plug (30'/min) and once free POOH to 5,484' MD (500 ft above the calculated TOC).
8. Circulate 2x DP volume through the DP (long way) to gently (slow pump rate) circulate out any remaining cement.
9. TOOH to 4,581' (400' below the top of the Sussex)
10. Pump a minimum of 7.5 bbls of 14.0 ppg viscous pill with 40-50 YP.
11. Pull up 100 ft to 4,481', reverse circulate a minimum of the DP volume to get remaining viscous pill to surface.
12. Pump 33.48.0 bbl 13.5ppg TunedSpacer III ahead
13. Pump 44.6 bbl PlugCem
• 15.8 ppg PlugCem
i. Class G
ii. Pump Time of 2.5hrs to 70Bc
• Volumes calculated off 1.15 ft3/sk yield
• Cement plug length is estimated at 600 ft (TOC is estimated at 3,881')
14. Displace with 5.0 bbl 13.5 ppg Tuned spacer III behind cement followed by 36.02 bbls mud displacement.
15. Slowly pull out of plug (30'/min) and once free POOH to 3,381' MD (500 ft above the calculated TOC).
16. Circulate 2x DP volume through the DP (long way) to gently (slow pump rate) circulate out any remaining cement.
17. TOOH to 800'
18. Pump a minimum of 7.5 bbls of 14.0 ppg viscous pill with 40-50 YP.
19. Pull up 100 ft to 700', reverse circulate a minimum of the DP volume to get remaining viscous pill to surface.
20. Pump 10 bbl 13.5ppg TunedSpacer III ahead
21. Pump 56.18 bbl PlugCem, until we get cement back to surface
• 15.8 ppg PlugCem
i. Class G
ii. Pump Time of 2.5hrs to 70Bc
• Volumes calculated off 0.94 ft3/sk yield.
22. Displace to the cement to prevent pulling wet.
• This calculation will be the length of Halliburton's iron times the capacity of their iron
23. Slowly pull out of plug (30'/min)
24. POOH and lay down 2 7/8" stinger and crossover.

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

Signed: _____ Print Name: Justin Garrett

Title: Regulatory Analyst Date: _____ Email: JDGarrett@nobleenergyinc.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: Expiration Date: _____

Attachment Check List

Att Doc Num	Name
400402265	WELLBORE DIAGRAM
400402266	PROPOSED PLUGGING PROCEDURE

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)