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

DE	ET	OE	ES

Replug By Other Operator

Document Number: 400821113

Date Received: 04/07/2015

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: Hunter Dunham

Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4308

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

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

For "Intent" 24 hour notice required, COGCC contact: Name: Rains, Bill Tel: (970) 590-6480 Email: bill.rains@state.co.us

API Number 05-123-05187-00

Well Name: STATE-S L W RANCH Well Number: 1

Location: QtrQtr: NENE Section: 18 Township: 5N Range: 63W Meridian: 6

County: WELD Federal, Indian or State Lease Number:

Field Name: WILDCAT Field Number: 99999

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.404120 Longitude: -104.472560

GPS Data:

Date of Measurement: 04/02/2015 PDOP Reading: 2.3 GPS Instrument Operator's Name: Adam Kelly

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

☒ Other Re-enter well, set plug, PA well w/ new cement.

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: See Attached procedure of re-entry and new PA.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned 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
SURF	10+3/4	8+3/4	24	353		353	0	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3000 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 135 sks cmt from 3000 ft. to 2700 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 230 sks cmt from 410 ft. to 0 ft. Plug Type: CASING 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 _____ 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:

PROCEDURE:
1) Survey and locate abandoned well, mark with stake

2) Excavate to expose top of surface casing

3) Weld 2" collar to top of 10 3/4" surface casing cap. Make up to collar, pneumatic drill with non-sparking bit. Drill out cap venting possible trapped gas.

4) Once verified that no gas exists beneath top of surface casing plate, cut off surface casing below plate with torch, dress up smooth.

5) Butt weld 10 3/4" casing to dressed cut, bringing threaded end of casing to ground level.

6) Make up to 10 3/4" casing, one 10 3/4" collar and 10 3/4" starter well head

7) NU flange adaptor and 5k BOP, test BOP.

8) NU and RIH with 6 7/8" cone bit, PU 2 7/8" drill collar, 2 7/8" 8.7# tubing, and TIW valve

9) Drill out first cement plug inside surface casing, roll hole clean. Assume pressure under surface casing shoe

10) RIH and set RBP inside surface casing

11) Once isolation of surface casing is established, pressure test surface casing to 200psi

12) After pressure test of surface casing, retrieve RBP.

14) Continue RIH, cleaning out with drilling mud or water to 3000'. If unable to reach this depth contact rig superintendent and wait for further instruction.

15) TOOH with cone bit, drill collars, and 2 7/8" tubing.

16) RIH with CIBP and set at 3000'.

17) RU cement crew and pump 135sk 15.8 ppg Class G "neat" cement to 2700'

18) POOH to 450' (100' below base of fresh water aquifer @ 310')

19) RU cement crew and pump 230 sxs of 15.8ppg Class G "neat" cement bring cement to surface. 25% excess cement assumed

20) POOH with 2 7/8" tubing. Wait 4 hrs, and tag TOC. If cement has fallen, top off back to surface

21) Let cement set over night, verify cement has not settled and is still at surface. RDMO

22) Excavate around wellhead to 8' below grade, cut off 10 3/4" casing, weld on cap

23) Backfill hole and reclaim surface to original conditions

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

Signed: _____ Print Name: Eileen Roberts

Title: Regulatory Analyst I Date: 4/7/2015 Email: eroberts@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: JENKINS, STEVE Date: 4/14/2015

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 10/13/2015

COA Type	Description
	Note changes to plugging procedure: 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Added CIBP at 3000' per plugging procedure attached to this form.

Attachment Check List

Att Doc Num	Name
400821113	FORM 6 INTENT SUBMITTED
400821125	WELLBORE DIAGRAM
400821127	WELLBORE DIAGRAM
400821130	PROPOSED PLUGGING PROCEDURE
400821132	SURFACE AGRMT/SURETY

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Permit	142933 intent to abandon 12/19/1951	4/13/2015 3:31:43 PM

Total: 1 comment(s)