

FORM
6
Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Date Received:
08/09/2011

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400193537

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: Linda Pavelka
 Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4064
 Address: 1625 BROADWAY STE 2200 Fax: (303) 228-4281
 City: DENVER State: CO Zip: 80202 Email: lpavelka@nobleenergyinc.com

For "Intent" 24 hour notice required, Name: BROWN, BO Tel: (970) 397-4124
COGCC contact: Email: bo.brown@state.co.us

API Number 05-123-15140-00 Well Name: LORENZ F Well Number: 22-1
 Location: QtrQtr: NENE Section: 22 Township: 5N Range: 65W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 62961
 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: 40.390640 Longitude: -104.642000
 GPS Data:
 Date of Measurement: 06/13/2007 PDOP Reading: 2.2 GPS Instrument Operator's Name: Paul Tappy
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Top of Casing Cement: 5200
 Fish in Hole: Yes No If yes, explain details below
 Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below
 Details: Casing leaks & uneconomic production

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	6976	6989	03/13/2008	BRIDGE PLUG	6525

Total: 1 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	319	310	319	0	VISU
1ST	7+7/8	2+7/8	6.5	7,121	300	7,121	6,161	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6500 with 2 sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ 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 40 sks cmt from 5250 ft. to 5150 ft. Plug Type: STUB PLUG Plug Tagged:
Set 50 sks cmt from 4090 ft. to 3990 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 60 sks cmt from 420 ft. to 269 ft. Plug Type: STUB PLUG 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 20 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:

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

Signed: _____ Print Name: Adam Strunk

Title: Production Engineer Date: 8/9/2011 Email: astrunk@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: HOLLINSHEAD, RYAN Date: 8/11/2011

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 2/10/2012

- 1) Provide 24 hour notice of MIRU to Bo Brown via email at bo.brown@state.co.us.
- 2) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 3) Based on adjacent water wells and previous wellbore diagrams, cement coverage is required from 420' to 50' within the surface casing. This balanced stub plug shall replace the proposed plug half in and half out of the surface casing. This plug shall also be tagged.
- 4) Cement plug across casing stub from 5250' to 5150' assumes that the casing is cut off at 5200'. Adjust depths for this plug, as necessary, depending on the actual depth of the casing stub. However, note that the stub plug must be set at least 200' below the base of the Sussex formation (4524' as the Sussex formation bottom is 4324' per the Form 5 on file) to ensure Sussex isolation.
- 5) For both stub plugs and the open hole plug: pump plug and displace, shut in, WOC 4 hours and tag plug.
- 6) For surface shoe plug if not circulated to surface tag plug and it must be at least 269' or higher.
- 7) If unable to pull casing contact COGCC for plugging modifications.
- 8) Cement volumes provided by the COGCC in the Plugging Procedures shall be considered approximate and are for informational purposes only. Actual plugs shall be set to cover the full extent of the depths identified and cement volumes shall be adjusted accordingly to provide this required coverage.
- 9) See plugging changes above.

Attachment Check List

Att Doc Num	Name
400193537	FORM 6 INTENT SUBMITTED
400193546	WELLBORE DIAGRAM
400193547	PROPOSED PLUGGING PROCEDURE

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)