



DE ET OE ES

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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: Leah Perkins
 Name of Operator: NOBLE ENERGY INC Phone: (970) 286-5925
 Address: 1625 BROADWAY STE 2200 Fax: (970) 304-5099
 City: DENVER State: CO Zip: 80202 Email: LPerkins@nobleenergyinc.com
For "Intent" 24 hour notice required, Name: MONTOYA, JOHN Tel: (970) 3974124
COGCC contact: Email: john.montoya@state.co.us

API Number 05-123-11362-00 Well Number: 18-1
 Well Name: FRY
 Location: QtrQtr: SWNW Section: 18 Township: 4N Range: 64W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 63386
 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: 40.314341 Longitude: -104.599881
 GPS Data:
 Date of Measurement: 05/31/2006 PDOP Reading: 4.0 GPS Instrument Operator's Name: David Gipson
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 6350
 Fish in Hole: Yes No If yes, explain details below
 Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below
 Details: Potential hole in casing, identified prior to acquisition of well from PetroCanada. Condition of casing will be verified during P&A procedure and enough cement will be used to insure wellbore isolation.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7089	7102			
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	209	130	209	0	VISU
1ST	7+7/8	4+1/2	11.6	7,190	160	7,190	6,520	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6989 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 100 sks cmt from 6350 ft. to 6150 ft. Plug Type: STUB PLUG Plug Tagged:
Set 50 sks cmt from 4390 ft. to 4290 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 _____ 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 215 sacks half in. half out surface casing from 500 ft. to 0 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:

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

Signed: _____ Print Name: Julie Ottoson
Title: Base Prod Operations Tech Date: 7/26/2012 Email: JOttoson@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: 7/31/2012

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 1/30/2013

- 1) Provide 48 hour notice of MIRU to John Montoya at (970) 397-4124.
- 2) No CBL is currently on file. If one does not exist, please run a CBL to verify the top of primary cement is at least 200' above Niobrara. Submit a copy of the new or existing CBL with the Subsequent Report of Abandonment.
- 3) Open hole Sussex cement plug shall be from 50' above to 50' below the Sussex formation top (approximately 4390' to 4290').
- 4) Based on nearby induction log and ground water depths, cement coverage is required from 500' to at least 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 and must be at 159' or above.
- 5) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 6) Cut and pull casing above the top of cement. Cement plug across casing stub from 6350' to 6150' assumes that the casing is cut off at 6250'. 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 above the Niobrara top.
- 7) If unable to pull casing contact COGCC for plugging modifications.
- 8) Any cement volumes provided 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) Properly abandon flowlines as per Rule 1103.
- 10) Operator must tag plugs upon verbal request by the COGCC engineer or COGCC field inspector.
- 11) Prior to or in conjunction with the submittal of the Form 6 Subsequent Report of Abandonment, all well production records shall be brought up to date. This includes any periods that the well was shut in or temporary abandoned, as production must be reported from spud to plug even if the well's production is zero.
- 12) See plugging changes above.

Attachment Check List

Att Doc Num	Name
400309480	FORM 6 INTENT SUBMITTED
400309529	WELLBORE DIAGRAM
400309530	PROPOSED PLUGGING PROCEDURE
400309531	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)