

Document Number:
400317167

Date Received:
08/17/2012

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: EDELEN, RANDY Tel: (970) 520-2531

COGCC contact: Email: randy.edelen@state.co.us

API Number 05-123-15914-00 Well Number: D 16-12

Well Name: SPIKE ST GWS

Location: QtrQtr: NWSW Section: 16 Township: 3N Range: 64W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 70/7884-S

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: 40.224020 Longitude: -104.563800

GPS Data:
Date of Measurement: 09/22/2006 PDOP Reading: 2.5 GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: 3750

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: WELL IS LOCATED 150' FROM NEW HORIZONTAL WELL (GUTTERSEN ST D16-65-1HN). SUSSEX HAS ALREADY BEEN SQUEEZED, LEAVING ONLY A CODELL COMPLETION. NIOBRARA RESERVES CAPTURED BY NEW HORIZONTAL WELL.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	6982	6992			
SUSSEX	4354	4398	07/19/2004	SQUEEZED	4354

Total: 2 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	389	265	389	0	VISU
1ST	7+7/8	3+1/2	9.3	7,122	450	7,122	3,862	CBL
S.C. 1.1	7+7/8	3+1/2	9.3	7,122	100	4,500	3,862	CBL
S.C. 1.2	7+7/8	3+1/2	9.3	7,122	150	4,398	4,354	CALC
S.C. 1.3	7+7/8	3+1/2	9.3	7,122	100	4,398	4,354	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6882 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 3850 ft. to 3650 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 40 sks cmt from 2500 ft. to 2420 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 310 sacks half in. half out surface casing from 550 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: 8/17/2012 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: 8/20/2012

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 2/19/2013

- 1) Provide 48 hour notice of MIRU to Randy Edelen at (970) 520-2531.
- 2) For the surface casing shoe plug, if not circulated to surface, tag plug and it must be at least 339' or higher.
- 3) If unable to pull casing contact COGCC for plugging modifications.
- 4) Properly abandon flowlines as per Rule 1103.

Attachment Check List

Att Doc Num	Name
400317167	WELL ABANDONMENT REPORT (INTENT)
400317231	WELLBORE DIAGRAM
400317232	PROPOSED PLUGGING PROCEDURE
400317233	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)