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Document Number:
400449462

Date Received:
07/17/2013

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) 304-5222

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: JOHNSON, RANDELL Tel: (303) 655-7472

COGCC contact: Email: randell.johnson@state.co.us

API Number 05-005-06809-00 Well Number: 2

Well Name: OAKLAND CATTLE CO. 32-27

Location: QtrQtr: SWNE Section: 27 Township: 5S Range: 61W Meridian: 6

County: ARAPAHOE Federal, Indian or State Lease Number: _____

Field Name: PUMA Field Number: 70750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.588810 Longitude: -104.200150

GPS Data: Date of Measurement: 06/14/2007 PDOP Reading: 1.6 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: 5000

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	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	6781	6793			

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	227	200	227	0	VISU
1ST	7+7/8	5+1/2	15.5	6,935	285	6,935	5,600	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6681 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 5100 ft. to 4900 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 50 sks cmt from 2500 ft. to 2400 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 50 sks cmt from 1060 ft. to 960 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 150 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:

Used 5600' as TOC from a sundry notice during completion of the well. No CBL is available.

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

Signed: _____ Print Name: Ross Snyder
 Title: Base Production Tech Date: 7/17/2013 Email: rsnyder@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: BURN, DIANA Date: 9/14/2013

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 3/13/2014

COA Type	Description
	NOTE: changes in plugging procedure 1) Provide 24 hour notice of MIRU to Randell Johnson at 303-655-7472 or e-mail at Randell.Johnson@state.so.us. 2) For 1060' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug. Must be 960' or shallower. Place 10 sx at surface casing if 550' plug not circulated to surface. Leave at least 100' cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400449462	FORM 6 INTENT SUBMITTED
400449471	WELLBORE DIAGRAM
400449472	PROPOSED PLUGGING PROCEDURE
400449473	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>LOCATION: SW1/4 OF NE1/4 OF SEC. 27, T.5s., R.61W. (1988 NSL, 1981 ESL) LOCATION IS WITHIN THE KIOWA BIJOU DESIGNATED GROUND WATER BASIN</p> <p>Ground Elevation: 5440 Number of Acres: 160</p> <p>ELEVATION DEPTH TO ANNUAL ----- NET ----- APPROP STATUS AQUIFER BOT. TOP SAND BOT. TOP A-F ----- UPPER DAWSON ---- - - - - - LOWER DAWSON ---- - - - - - DENVER ---- - - - - - UPPER ARAPAHOE 4941 5393 120.6 499 47 32.81 NNT LOWER ARAPAHOE ---- - - - - - LARAMIE-FOX HILLS 4422 4713 158.5 1018 727 38.03 NT</p> <p>note: E indicates location is at aquifer boundary and values may be more approximate.</p>	9/14/2013 11:34:33 AM
Permit	Well completion or recompletion report doc. #428462 dated 6/25/1982	7/18/2013 6:31:11 AM

Total: 2 comment(s)