

Document Number:
401164331

Date Received:
02/07/2017

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: JOHN HATCH

Name of Operator: NOBLE ENERGY INC Phone: (720) 587-2377

Address: 1625 BROADWAY STE 2200 Fax: _____

City: DENVER State: CO Zip: 80202 Email: JOHN.HATCH@NBLENERGY.COM

For "Intent" 24 hour notice required, Name: Gomez, Jason Tel: (970) 573-1277

COGCC contact: Email: jason.gomez@state.co.us

API Number 05-123-16354-00

Well Name: SINJIN Well Number: E 36-6

Location: QtrQtr: SENW Section: 36 Township: 6N Range: 65W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 59905

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: 40.444205 Longitude: -104.613728

GPS Data:
Date of Measurement: 05/05/2009 PDOP Reading: 3.2 GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other _____

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: _____

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	6898	6908			

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	313	300	313	0	VISU
1ST	7+7/8	2+7/8	7.9	7,049	290	7,049		CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6846 with 15 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 194 sks cmt from 2500 ft. to 2400 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:
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 3528 ft. with 139 sacks. Leave at least 100 ft. in casing 3428 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 194 sacks half in. half out surface casing from 513 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: DIANE BLAIR

Title: ENGINEERING TECH Date: 2/7/2017 Email: DIANE.BLAIR@NBLENERGY.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: HICKEY, MIKE Date: 2/23/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 8/22/2017

COA Type	Description
	<p>1)Prior to starting plugging operations a bradenhead test shall be performed. If the beginning pressure is greater than 25 psi, contact COGCC Engineer for sampling requirements. If pressure remains at the conclusion of the test, or if any liquids were present contact COGCC Engineer for sampling requirements. The Form 17 shall be submitted within 10 days of the test.</p> <p>2)Submit Form 42 electronically to COGCC 48 hours prior to MIRU.</p> <p>3)Properly abandon flowlines. Once flowlines are properly abandoned, file electronic form 42.</p> <p>4)For 513' plug: pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – top of plug must be not deeper than 263' and provide minimum 10 sx plug at the surface. Leave at least 100' of cement in the wellbore for each plug.</p>

Attachment Check List

Att Doc Num	Name
401164331	FORM 6 INTENT SUBMITTED
401164357	WELLBORE DIAGRAM
401204320	PROPOSED PLUGGING PROCEDURE
401204323	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Permit	Pass	12/19/2016
Public Room	Document verification complete 12/12/16	12/12/2016

Total: 2 comment(s)