

Document Number:
401578734

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03/19/2018

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: 47120 Contact Name: CHERYL LIGHT

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6461

Address: P O BOX 173779 Fax: (720) 929-7461

City: DENVER State: CO Zip: 80217- Email: cheryl.light@anadarko.com

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

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

API Number 05-123-23109-00 Well Number: 44-23

Well Name: PRICE

Location: QtrQtr: SESE Section: 23 Township: 1N Range: 66W Meridian: 6

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

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: 40.031850 Longitude: -104.736630

GPS Data:
Date of Measurement: 05/25/2007 PDOP Reading: 2.3 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: 1815

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	7592	7604			
J SAND	8048	8070			
NIOBRARA	7356	7450			

Total: 3 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	1,285	900	1,285	0	VISU
1ST	7+7/8	4+1/2	11.6	8,171	220	8,171	6,785	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7985 with 2 sacks cmt on top. CIBP #2: Depth 7300 with 30 sacks cmt on top.
CIBP #3: Depth 240 with 6 sacks cmt on top. CIBP #4: Depth 80 with 25 sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 30 sks cmt from 7300 ft. to 6884 ft. Plug Type: CASING Plug Tagged:
Set 15 sks cmt from 4565 ft. to 4375 ft. Plug Type: CASING Plug Tagged:
Set 100 sks cmt from 1915 ft. to 1715 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 5175 ft. with 160 sacks. Leave at least 100 ft. in casing 4565 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 390 sacks half in. half out surface casing from 1715 ft. to 870 ft. Plug Tagged:

Set 25 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. _____ inch casing Plugging Date: _____
of _____

*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: CHERYL LIGHT

Title: SR REGULATORY ANALYST Date: 3/19/2018 Email: DJREGULATORY@ANADARKO.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: McCoy, Diane Date: 4/25/2018

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 10/24/2018

COA Type	Description
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon all flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 3) Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare. 4) Please submit gyro survey data with Form 6 Subsequent Report of Abandonment.
	Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations. 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples. If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.
	Operator to submit Oct 2009 and Oct 2016 Form 7 reporting for NBRR-CODL-JSND

Attachment Check List

Att Doc Num	Name
401578734	FORM 6 INTENT SUBMITTED
401578744	PROPOSED PLUGGING PROCEDURE
401578745	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	Corrected cement top for the first string from 12' to 6785' based on the original drilling completion report and CBL. The attached wellbore diagram has the perforations incorrectly labeled and misrepresented. Added a stub plug from 1915-1715', changed the surface casing shoe plug depth to 1715-870' and added a plug at 240' per email from operator to provide aquifer isolation.	04/25/2018
Engineer	On hold, emailed operator- This well needs plugs to isolate the Upper Arapahoe, Lower Arapahoe and the Laramie-Fox Hills aquifers from one another. DWR's aquifer evaluation tool lists the Laramie-Fox Hills from 1236' to 920', the Lower Arapahoe from 604'-296' and the Upper Arapahoe from 219-203'. Please advise on how you'd like to accomplish this and I will make the changes to the intent. This form will be on hold until I hear back from you.	04/16/2018
Permit	Verified as-drilled GPS data on COGIS map and well info Verified Drilling Completion Report doc #1221235 Completed Interval Report doc #1221236 supports JSND perfs 8048'-8070' Completed Interval Report doc #1513482 and #1513483 support NBRR perfs 7356'-7450', CODL 7592'-7604' Added Codell zone in Zones tab Missing Oct 2009 and Oct 2016 Form 7 reporting for NBRR-CODL-JSND	04/12/2018
Public Room	Pass	03/19/2018

Total: 4 comment(s)