

Document Number:
401779039

Date Received:
09/29/2018

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: Jennifer Thomas

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6808

Address: P O BOX 173779 Fax: _____

City: DENVER State: CO Zip: 80217- Email: jennifer.thomas@anadarko.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____

COGCC contact: Email: _____

API Number 05-123-29114-00

Well Name: STATE Well Number: 6-16

Location: QtrQtr: SWNW Section: 16 Township: 1N Range: 68W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 70/8750-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: 40.054338 Longitude: -105.014532

GPS Data:
Date of Measurement: 09/13/2017 PDOP Reading: 1.4 GPS Instrument Operator's Name: DANNY RASMUSSEN

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	8038	8054	01/27/2018	B PLUG CEMENT TOP	7600
NIOBRARA	7657	7908	01/27/2018	B PLUG CEMENT TOP	7600

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	999	630	999	0	VISU
1ST	7+7/8	4+1/2	11.6	8,218	635	8,218	3,496	CBL
S.C. 1.1				3,420	300	3,420	2,870	CBL
S.C. 1.2				1,700	200	1,700	840	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7600 with 40 sacks cmt on top. CIBP #2: Depth 4570 with 2 sacks cmt on top.
 CIBP #3: Depth 1568 with 0 sacks cmt on top. CIBP #4: Depth 80 with 41 sacks cmt on top.
 CIBP #5: Depth _____ with _____ sacks cmt on top.

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

Set <u>40</u> sks cmt from <u>7600</u> ft. to <u>6899</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>3</u> sks cmt from <u>1558</u> ft. to <u>1475</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>20</u> sks cmt from <u>1475</u> ft. to <u>1172</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>105</u> sks cmt from <u>1170</u> ft. to <u>270</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 3240 ft. with 130 sacks. Leave at least 100 ft. in casing 2960 CICR Depth
 Perforate and squeeze at 2700 ft. with 170 sacks. Leave at least 100 ft. in casing 2330 CICR Depth
 Perforate and squeeze at 2100 ft. with 140 sacks. Leave at least 100 ft. in casing 1830 CICR Depth
(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:
 Set 41 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: 600 ft. 4+1/2 inch casing Plugging Date: 08/31/2018
 *Wireline Contractor: CUTTERS, RELIANCE, PIONEER *Cementing Contractor: HALLIBURTON, OTEX, SLB
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Please note that resin was pumped at 1558 feet, and the quantity reported is in barrels.

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

Signed: _____ Print Name: Jennifer Thomas
 Title: Regulatory Analyst Date: 9/29/2018 Email: rscdjpostdrill@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: Jacobson, Eric Date: 12/3/2018

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401779039	FORM 6 SUBSEQUENT SUBMITTED
401779048	WIRELINE JOB SUMMARY
401779049	WELLBORE DIAGRAM
401779050	OPERATIONS SUMMARY
401779051	CEMENT JOB SUMMARY
401779052	CEMENT BOND LOG
401779053	OTHER
401779054	OTHER

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)