

FORM  
6Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

401164599

Date Received:

12/09/2016

## 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 &amp; 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: Helgeland, Gary

Tel: (970) 216-5749

COGCC contact:

Email: gary.helgeland@state.co.us

API Number 05-123-09419-00

Well Name: UPRR 43 PAN AM M

Well Number: 1

Location: QtrQtr: NWSW Section: 19 Township: 1N Range: 67W 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: 40.033397

Longitude: -104.938225

GPS Data:

Date of Measurement: 04/09/2009

PDOP Reading: 2.4

GPS Instrument Operator's Name: Cody Mattson

Reason for Abandonment:

☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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	7853	7870			
J SAND	8306	8326			

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	842	500	842	0	VISU
1ST	7+7/8	4+1/2	10.5	8,445	150	8,445	7,230	CBL
S.C. 1.1				5,190	250	5,190	4,759	CBL
S.C. 1.2				4,500	250	4,500	4,114	CALC
			Stage Tool	356	300	356	0	CALC

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8250 with 2 sacks cmt on top. CIBP #2: Depth 7800 with 2 sacks cmt on top.

CIBP #3: Depth 80 with 15 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 15 sks cmt from 6830 ft. to 6640 ft. Plug Type: CASING Plug Tagged: ☐

Set 15 sks cmt from 3630 ft. to 3440 ft. Plug Type: CASING Plug Tagged: ☐

Set 35 sks cmt from 822 ft. to 772 ft. Plug Type: CASING 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 7200 ft. with 145 sacks. Leave at least 100 ft. in casing 6830 CICR Depth

Perforate and squeeze at 4000 ft. with 145 sacks. Leave at least 100 ft. in casing 3630 CICR Depth

Perforate and squeeze at 1500 ft. with 255 sacks. Leave at least 100 ft. in casing 822 CICR Depth

(Cast Iron Cement Retainer Depth)

Set          sacks half in. half out surface casing from          ft. to          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: CHERYL LIGHT

Title: SR REGULATORY ANALYST Date: 12/9/2016 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: 1/13/2017

CONDITIONS OF APPROVAL, IF ANY:         

Expiration Date: 7/12/2017

<b>COA Type</b>	<b>Description</b>
	<p>1) Prior to starting plugging operations a bradenhead test shall be performed. If the beginning pressure is greater than 25 psi, or 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) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p> <p>4) Operator indicated the well has a gyro from November 2012 that has not been submitted to COGCC. Submit gyro survey data with Form 6 Subsequent Report of Abandonment.</p> <p>5) Must CBL to verify stage tool and cement at 356' to surface. If cement is not visible on CBL from 356' to surface contact COGCC Engineer for an update to plugging orders.</p> <p>6) Leave at least 100' of cement in the wellbore for each plug.</p>

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
401164599	FORM 6 INTENT SUBMITTED
401164602	PROPOSED PLUGGING PROCEDURE
401164603	WELLBORE DIAGRAM

Total Attach: 3 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Per email from Alexander Caravaggio, moved CICR from 1500' to 822'. Operator will move upper squeeze holes to 792' in order to achieve an adequate surface casing shoe plug.	01/13/2017
Engineer	On hold- No shoe plug included in design. Emailed operator.	01/12/2017
Public Room	Document verification complete 12/12/16	12/12/2016

Total: 3 comment(s)