

FORM  
6Rev  
05/18

## 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:

402138086

Date Received:

08/08/2019

## 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: Doreen Green

Name of Operator: KERR MCGEE OIL &amp; GAS ONSHORE LP

Phone: (970) 336-3555

Address: P O BOX 173779

Fax:

City: DENVER State: CO Zip: 80217-

Email: doreen.green@anadarko.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

API Number 05-123-20354-00

Well Name: HSR-STATE

Well Number: 15-16A

Location: QtrQtr: SWSE Section: 16 Township: 3N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 72/3102-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: 40.219318

Longitude: -104.780050

GPS Data:

Date of Measurement: 07/19/2019

PDOP Reading: 1.7

GPS Instrument Operator's Name: Pat McClure

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
J SAND	7816	7860	07/03/2019	B PLUG CEMENT TOP	7725

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	584	420	584	0	VISU
1ST	7+7/8	4+1/2	11.6	7,950	225	7,950	6,580	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7725 with 2 sacks cmt on top. CIPB #2: Depth 7025 with 25 sacks cmt on top.  
CIBP #3: Depth 80 with 38 sacks cmt on top. CIPB #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 25 sks cmt from 7025 ft. to 6586 ft. Plug Type: CASING Plug Tagged: ☐  
Set 11 sks cmt from 4365 ft. to 4171 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: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 4505 ft. with 59 sacks. Leave at least 100 ft. in casing 4365 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 297 sacks half in. half out surface casing from 1260 ft. to 120 ft. Plug Tagged: ☒

Set 38 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: 1160 ft. of 4+1/2 inch casing Cut and Cap Date: 07/19/2019

\*Wireline Contractor: PIONEER

\*Cementing Contractor: BASIC

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

ADDITIONAL PERFS AT 4305

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

Signed: \_\_\_\_\_ Print Name: Doreen Green

Title: Analyst Date: 8/8/2019 Email: doreen.green@oxy.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: McFarland, Nick Date: 10/10/2019

### CONDITIONS OF APPROVAL, IF ANY:

COA Type Description

COA Type	Description

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402138086	FORM 6 SUBSEQUENT SUBMITTED
402138160	CEMENT JOB SUMMARY
402138162	GYRO SURVEY
402138163	WIRELINE JOB SUMMARY
402138275	OPERATIONS SUMMARY
402138279	WELLBORE DIAGRAM

Total Attach: 6 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Form 17 filed; 1 psi on bradenhead down to 0. 48 hour ops notice filed. 42 filed for flowline abandonment. Form 7 reporting PA status. GPS location appears accurate on maps. Zones and casing history are consistent with approved intent. Procedure, WBD and tickets are consistent.	10/10/2019

Total: 1 comment(s)