

FORM

6

Rev  
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



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Document Number:

401892537

Date Received:

## 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 &amp; 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 05-123-20692-00

Well Name: ZEHNDER

Well Number: 15-23A

Location: QtrQtr: SWSE

Section: 23

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: 40.031000

Longitude: -104.855108

GPS Data:

Date of Measurement: 12/07/2018

PDOP Reading: 3.1

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
CODELL	7672	7684	11/14/2018	B PLUG CEMENT TOP	7220
NIOBRARA	7274	7449	11/14/2018	B PLUG CEMENT TOP	7220
J SAND	8110	8139	11/14/2018	B PLUG CEMENT TOP	8060

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	938	660	938	0	VISU
1ST	7+7/8	4+1/2	11.6	8,267	260	8,267	6,858	CBL
			Stage Tool	5,028	230	5,034	4,160	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8060 with 2 sacks cmt on top. CIBP #2: Depth 7220 with 40 sacks cmt on top.  
CIBP #3: Depth 4470 with 2 sacks cmt on top. CIBP #4: Depth 490 with 6 sacks cmt on top.  
CIBP #5: Depth 80 with 49 sacks cmt on top.

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

Set 40 sks cmt from 7220 ft. to 6519 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: ☐  
Set        sks cmt from        ft. to        ft. Plug Type:        Plug Tagged: ☐

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

(Cast Iron Cement Retainer Depth)

Set 345 sacks half in. half out surface casing from 1630 ft. to 530 ft. Plug Tagged: ☒

Set 49 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: 1530 ft. of 4+1/2 inch casing Plugging Date: 12/07/2018

\*Wireline Contractor: CHS

\*Cementing Contractor: SCHLUMBERGER

Type of Cement and Additives Used:       

Flowline/Pipeline has been abandoned per Rule 1105 ☐ 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: Jennifer Thomas

Title: Regulatory Analyst

Date:       

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:       

Date:       

### CONDITIONS OF APPROVAL, IF ANY:

### COA Type Description

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### Attachment Check List

**Att Doc Num**

**Name**

401892577	WIRELINE JOB SUMMARY
401892579	WELLBORE DIAGRAM
401892580	GYRO SURVEY
401892581	OPERATIONS SUMMARY
401892584	CEMENT JOB SUMMARY

Total Attach: 5 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)