

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:

401665778

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: 55030

Contact Name: Jack McCartney

Name of Operator: MCCARTNEY ENGINEERING LLC

Phone: (303) 830-7208

Address: 4251 KIPLING ST STE 575

Fax: (303) 830-7004

City: WHEAT RIDGE State: CO Zip: 80033

Email: jack@mccartneyengineering.com

**For "Intent" 24 hour notice required,**

Name: Gomez, Jason

Tel: (970) 573-1277

**COGCC contact:**

Email: jason.gomez@state.co.us

API Number 05-001-09261-00

Well Name: HSR-FULENWIDER

Well Number: 6-10

Location: QtrQtr: SENW Section: 10 Township: 2S Range: 66W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: BANNER

Field Number: 5190

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

### Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.894594

Longitude: -104.764486

GPS Data:

Date of Measurement: 12/18/2008

PDOP Reading: 2.6

GPS Instrument Operator's Name: Cody Mattson

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Lost gas market when Anadarko shut down Third Creek gatheringCasing to be pulled: ☐ Yes ☒ No

Estimated Depth:

Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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	8304	8345			

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	1,615	1,130	1,615	0	VISU
1ST	7+7/8	4+1/2	11.6	8,447	275	8,447	7,046	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8200 with 75 sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 \_\_\_\_\_ 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: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 2510 ft. with 40 sacks. Leave at least 100 ft. in casing 2410 CICR Depth  
Perforate and squeeze at 880 ft. with 40 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at 580 ft. with 180 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 50 sacks half in. half out surface casing from 1665 ft. to 1432 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. \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
of \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

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

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

Technical Detail/Comments:

Set CIBP @ 8200', load hole, pressure test at 300 psig for 15 minutes.  
Place 75 sks on top of CIBP to fill 4 1/2" csg 200' above Niobrara.  
Perforate at 2510', set CICR 100' above perms, pump 40 sks below retainer, 5 sks on top.  
Perforate at 1665' (50' below surface csg), Set CICR at pump 60 sks balanced plug below retainer, 8 sks on top.  
Perforate at 880', cement with 40 sks leaving 100' plug in 4 1/2" casing. If circulation remains constant, may pump cement to surface. If not, perforate at 580', cement to surface leaving 4 1/2" csg full of cement with approximately 180 sks..  
Cut off casing pursuant to landowner's requirement (not less than 4' below surface), weld on plate.  
Place marker over casing. Flow lines will be removed.

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

Signed: \_\_\_\_\_ Print Name: Jack  
Title: McCartney Date: \_\_\_\_\_ Email: jack@mccartneyengineering.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: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

COA Type Description

--	--

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402117560	PROPOSED PLUGGING PROCEDURE
402123227	WELLBORE DIAGRAM
402123228	WELLBORE DIAGRAM

Total Attach: 3 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Verified as drilled lat/long	07/25/2019
Permit	Returned to draft - 7/25/2019 -J Sand perforation interval is incorrect on zones tab and wellbore diagram (360703, 360704)	07/25/2019
Engineer	operator requested return to DRAFT for modifications	07/18/2019
Agency	Denver 4903 5035 118.2 295 163 32.15 NNT Upper Arapahoe 4649 4881 102.6 549 317 27.90 NNT Lower Arapahoe 4371 4574 92.3 827 624 25.10 NT Laramie-Fox Hills 3726 3953 175.2 1472 1245 42.04 NT Deepest WW 581'	08/11/2018
Well File Verification	Pass	06/11/2018

Total: 5 comment(s)