

FORM  
6Rev  
12/05State 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: 401217378			
Date Received: 02/23/2017			

## 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: 16700 Contact Name: REILLY SPENCE  
Name of Operator: CHEVRON USA INC Phone: (970) 549-6417  
Address: 100 CHEVRON RD Fax: (970) 675-3800  
City: RANGELY State: CO Zip: 81648 Email: ReillySpence@chevron.com  
For "Intent" 24 hour notice required, Name: Granahan, Kyle Tel: (970) 989-4388  
COGCC contact: Email: kyle.granahan@state.co.us

API Number 05-103-08535-00 Well Number: 9X  
Well Name: COLTHARP  
Location: QtrQtr: SWSE Section: 35 Township: 2N Range: 102W Meridian: 6  
County: RIO BLANCO Federal, Indian or State Lease Number: 47443  
Field Name: RANGELY Field Number: 72370

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

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

Latitude: 40.093597 Longitude: -108.807136  
GPS Data:  
Date of Measurement: 01/23/2008 PDOP Reading: 3.4 GPS Instrument Operator's Name: J FLOYD  
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
WEBER	5732	6382			

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	13+3/4	9+5/8	36	821	560	821	0	VISU
1ST	8+3/4	7	23	6,531	775	6,531	5,545	CBL
S.C. 1.1				3,920	150	4,041	4,009	
			Stage Tool	3,940		3,990	1,925	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5682 with 129 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 <u>212</u> sks cmt from <u>5682</u> ft. to <u>6382</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>29</u> sks cmt from <u>5532</u> ft. to <u>5682</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>57</u> sks cmt from <u>3791</u> ft. to <u>4091</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>19</u> sks cmt from <u>771</u> ft. to <u>871</u> ft.	Plug Type: <u>ANNULUS</u>	Plug Tagged: <input type="checkbox"/>
Set <u>10</u> sks cmt from <u>0</u> ft. to <u>50</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 871 ft. with 125 sacks. Leave at least 100 ft. in casing 771 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 \_\_\_\_\_ 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:

Copy of proposed procedure with email verbal approval from David Andrews (dated 2/22/17) to proceed with the procedure is attached.

1. Set 7" CICR at 5,682' (50' above top perforation), test 7" casing to 300 psi. Squeeze Weber perforations and spot 150' of cement on top of CICR to 5,532'.
- a. If casing test fails, hunt for the leak interval and repair with squeeze or spot balanced cement plug. Spot 9 ppg mud above and below leak/cement.
2. Spot 9 ppg mud/fluid from 5,582' to 4,091'
3. Spot 300' balanced cement plug from 4,091' to 3,791' (covers old squeeze from 2014 and DV tool).
4. Spot 9 ppg mud/fluid from 3,791' to 871'.
5. Perforate 50' below 9 5/8" surface casing shoe at 871'
6. Establish circulation or injection rate down 7" production casing while taking returns up 7" x 9 5/8" annulus.
7. Set 7" CICR at 771'. If circulation is established, circulate cement to surface in 7" x 9 5/8". If unable to circulate, squeeze surface shoe. Spot 100' of cement on top of CICR to 671'.
8. Spot 9 ppg mud from 671' to 50'
9. Spot 50' cement plug to surface in 7" production casing.
10. Cut off WH and top out if necessary.

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

Signed: \_\_\_\_\_ Print Name: DIANE PETERSON

Title: PERMIT SPECIALIST Date: 2/23/2017 Email: DLPE@CHEVRON.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: ANDREWS, DAVE Date: 2/25/2017

**CONDITIONS OF APPROVAL, IF ANY:**

Expiration Date: 8/24/2017

**COA Type****Description**

	1) Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete.
	2) Digital logs from 2015 will be submitted by the Operator.

**Attachment Check List****Att Doc Num****Name**

1734168	WELLBORE DIAGRAM
401217378	FORM 6 INTENT SUBMITTED
401217988	OTHER

Total Attach: 3 Files

**General Comments****User Group****Comment****Comment Date**

Engineer	<p>Changed top Weber production perforation from 5600' to 5732'. Top perforation is shown as 5732' on Well Completion Report #583018, Completed Interval Report #400764628, and attached Wellbore Diagram #1734168. Attached Plugging Procedure #401217988 indicates CICR to be set at 5682' (50' above top perforation) [at 5732']. There is no indication in any well file documents that the top Weber production perforation is 5600', as submitted by operator on this Form 6.</p> <p>Changed primary First String cement top and added Stage Tool cement and remedial squeeze cement to Casing History as previously reported in well file per Drilling Completion Report #400779827, Cement Bond Logs (CBLs) #2597272 and #2597273, and Cement Job Summary #400779856. Stage Tool cement volume not available in well file records, but coverage interval is apparent on 10/21/1980 CBL #2597272.</p> <p>Work in progress based on verbal approval as this Form 6 is approved on 2/25/2017. Form 42 #401217321 Notice of PA operations already submitted.</p>	02/25/2017
Engineer	Verbal approval to proceed attached as "Other" #401217988.	02/24/2017
Permit	<p>Passes permitting.</p> <p>Waiting on a response from the Operator regarding logs for the well. Operator will submit digital logs as soon as they are available. Operator provided a updated Wellbore Diagram(Doc#1734168) to correct the CICR depth. The original Wellbore Diagram was removed (Doc#401217987)</p>	02/24/2017

Total: 3 comment(s)