

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

| <u>COA Type</u> | <u>Description</u> |
|-----------------|---|
| | 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

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|-------------------------|
| 1734168 | WELLBORE DIAGRAM |
| 401217378 | FORM 6 INTENT SUBMITTED |
| 401217988 | OTHER |

Total Attach: 3 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|---------------------|
| 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 an 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)