

Document Number:  
401035080

Date Received:  
05/16/2016

**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: 17180 Contact Name: SANDRA GONCALVES

Name of Operator: CITATION OIL & GAS CORP Phone: (281) 8911555

Address: 14077 CUTTEN RD Fax: \_\_\_\_\_

City: HOUSTON State: TX Zip: 77269 Email: SGONCALVES@COGC.COM

**For "Intent" 24 hour notice required,** Name: Welsh, Brian Tel: (719) 325-6919

**COGCC contact:** Email: brian.welsh@state.co.us

API Number 05-017-06676-00

Well Name: WECO-UPRC WILLIAM 13-11 Well Number: 1

Location: QtrQtr: NWSW Section: 11 Township: 13S Range: 51W Meridian: 6

County: CHEYENNE Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: CASTLE PEAK Field Number: 10327

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 38.928934 Longitude: -103.087268

GPS Data:  
Date of Measurement: 05/17/2009 PDOP Reading: 1.7 GPS Instrument Operator's Name: Joseph Dugan

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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| MORROW    | 6198      | 6202      |                | B PLUG CEMENT TOP   |            |

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       | 9+5/8          | 24              | 342           | 275          | 506        | 0          | CALC   |
| 1ST         | 7+7/8        | 5+1/2          | 15.5            | 6,410         | 500          | 6,410      | 4,600      | CALC   |
| S.C. 1.1    |              |                |                 | 2,800         | 350          | 2,800      | 1,600      | CALC   |
| 2ND         | 4+15/16      | 4+1/2          | 10.5            | 6,149         | 100          | 6,149      | 3,970      | CALC   |
| S.C. 2.1    |              |                |                 | 3,969         | 300          | 3,969      | 300        | CALC   |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6100 with 2 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 10 sks cmt from 3868 ft. to 4038 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 2900 ft. with 40 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at 2400 ft. with 40 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at 400 ft. with 50 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 15 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:

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

Signed: \_\_\_\_\_ Print Name: SANDRA GONCALVES

Title: REGULATORY ANALYST II Date: 5/16/2016 Email: SGONCALVES@COGC.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: SUTPHIN, DIRK Date: 5/17/2016

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 11/16/2016

| <b>COA Type</b> | <b>Description</b>   |
|-----------------|--|
|                 | <p>Note changes to submitted form.</p> <ol style="list-style-type: none"> <li>1) Provide 48 hour notice of MIRU via electronic Form 42.</li> <li>2) For plug at 400' across surface casing shoe: Perforate through 5.5" casing and 4" liner. Tag at 290' (50' above surface casing shoe) if not cemented to surface. Cement from 50' to surface in casing and annulus(es).</li> <li>3) Properly abandon flowlines as per Rule 1103. File Form 42.</li> <li>4) Inscribe abandoned well marker with identification per Rule 319.a.(5)</li> </ol> |

**Attachment Check List**

| <b>Att Doc Num</b> | <b>Name</b>                 |
|--------------------|-----------------------------|
| 401035080          | FORM 6 INTENT SUBMITTED     |
| 401047538          | WELLBORE DIAGRAM            |
| 401047539          | WELLBORE DIAGRAM            |
| 401047540          | PROPOSED PLUGGING PROCEDURE |
| 401047586          | OPERATIONS SUMMARY          |

Total Attach: 5 Files

**General Comments**

| <b>User Group</b> | <b>Comment</b>  | <b>Comment Date</b>      |
|-------------------|---|--------------------------|
| Engineer          | Operator did not correct casing history. Finished casing history corrections to match well bore diagram.  | 5/17/2016<br>8:23:26 AM  |
| Engineer          | Operator requested to make changes to casing history. Returned to draft.  | 5/12/2016<br>10:55:59 AM |
| Engineer          | Operator sent daily workover report. I emailed him requesting he correct the casing history which is not consistent with the wellbore diagram or previous information on file. Examples: Surface casing depth of 510' is wrong. 5-1/2" casing is not cemented from 6410' to 1580'. Wellbore diagram has a calculated top at 4700'. Would there be cement behind the 5-1/2" from the squeeze at 3967' or was just the liner leaking? The 350 sk cement squeeze at 2800' to a calculated top of 1580'. The liner cemented from 6149' to 4333' and 3967' to surface. None of this is accurately reflected on the casing history of the form. | 5/10/2016<br>9:07:28 AM  |
| Engineer          | Requested documentation of primary TOC and location of the squeeze cement behind the 5.5" and the cement shown on wellbore diagram from 2800-1580'. Added plugs: perf & squeeze at 2900' and 2400', 40 sx each to isolate below Cynn and above the Dkta. Plug across surface shoe needs to be perf & squeeze. TOC on 5.5" casing is estimated at 1600'.   | 5/2/2016<br>12:08:39 PM  |
| Public Room       | Document verification complete 04/26/16   | 4/26/2016<br>3:50:40 PM  |
| Permit            | Operator uploaded current wellboore diagram.  | 4/26/2016<br>3:37:20 PM  |
| Permit            | Missing current wellbore diagram attachment. Returned to draft.   | 4/26/2016<br>7:48:11 AM  |

Total: 7 comment(s)