

Document Number:  
401690950

Date Received:  
07/02/2018

**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: 10261 Contact Name: KEVIN KANE

Name of Operator: BAYSWATER EXPLORATION & PRODUCTION LLC Phone: (303) 893-2503

Address: 730 17TH ST STE 500 Fax: \_\_\_\_\_

City: DENVER State: CO Zip: 80202 Email: kkane@bayswater.us

**For "Intent" 24 hour notice required,** Name: Precup, Jim Tel: (303) 726-3822

**COGCC contact:** Email: james.precup@state.co.us

API Number 05-001-08059-00 Well Number: 4

Well Name: ANDERSON

Location: QtrQtr: NENW Section: 10 Township: 2S Range: 61W Meridian: 6

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

Field Name: SUN Field Number: 80200

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 39.896667 Longitude: -104.199722

GPS Data:  
Date of Measurement: 12/11/2009 PDOP Reading: 2.0 GPS Instrument Operator's Name: CODY HOBBS

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: 1100

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
D SAND	6708	6728	02/23/2018	B PLUG CEMENT TOP	6658

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	23	213	200	213	0	VISU
1ST	7+7/8	4+1/2	11.6	6,783	200	6,783	5,775	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 300 sks cmt from 1300 ft. to 0 ft. Plug Type: STUB PLUG 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 5000 ft. with 50 sacks. Leave at least 100 ft. in casing 4950 CICR Depth  
 Perforate and squeeze at 2500 ft. with 40 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. \_\_\_\_\_ 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:

Proposed Plugging Procedure:  
 1) Perform Bradenhead test. Sample any fluid or gas present on bradenhead and provide to the state.  
 2) MIRU workover rig, pump and tank  
 3) Kill well as necessary with treated water  
 4) NDWH, NUBOPE  
 5) Un-land 2 3/8" production tubing, POOH w/ TBG  
 6) RUWL, Run gyro survey  
 7) RIH & perforate 3 jspf, @ 5,000-5,002. RDWL.  
 8) PU CICR & RIH on 2 3/8" tbg. Set CICR @ 50' above squeeze perforations ~ 4,950',  
 9) RU Cementers and squeeze perforations with 50 sx cement. Displace cement out retainer, sting out of CICR & dump 2 sx cmt on top of CICR.  
 10) POOH LD TBG.  
 11) Un-land 4 1/2" casing  
 12) Attempt to cut 4 1/2" casing at 1,100' or at the shallowest freepoint,(minimum 450' )and TOO H  
 13) RIH with 2 3/8" tubing to 200' below casing stub  
 14) RU cementers  
 15) Pump a 300 sx cement plug from EOT to surface  
 16) Tag up on cement or confirm to surface  
 17) RDMO location with workover rig  
 18) Dig up and cut casing below surface (6'), weld on dry hole marker  
 19) Remove all surface facilities related to the Anderson # 4.  
 20) Restore Pad as per state requirements.

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

Signed: \_\_\_\_\_ Print Name: PAUL GOTTLÖB

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: BURN, DIANADate: 9/2/2018**CONDITIONS OF APPROVAL, IF ANY:**Expiration Date: 3/1/2019

<b>COA Type</b>	<b>Description</b>
	If logs available for this well - submit all available to COGCC for inclusion in well file.
	NOTE: Changes in plugging procedure - additional plug(2500') 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) If 1300' plug not circulated to surface then tag plug – must be 160' or shallower and provide 10 sx plug at the surface (inside and outside of casing if not pulled). 3) Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator must submit a Flowline Report, Form 44.
	If there has not been a reported Bradenhead test within 60 days of plugging this well, prior to starting plugging operations a bradenhead test shall be performed. If the well was not sampled as part of a prior test it should be sampled if pressure is 25# or greater. If there is a need for sampling - contact COGCC engineering for verification of plugging procedures (Pressure greater than 25# or any liquids flowed to surface).  1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling. The Form 17 shall be submitted within 10 days of the test.
	GPS coordinates need to be updated, supply with Subsequent Report of Abandonment.

### Attachment Check List

<b>Att Doc Num</b>	<b>Name</b>
401690950	FORM 6 INTENT SUBMITTED
401690954	WELLBORE DIAGRAM
401690955	PROPOSED PLUGGING PROCEDURE
401690956	WELLBORE DIAGRAM

Total Attach: 4 Files

### General Comments

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Upper Arapahoe 4903 4975 34.4 100 28 9.36 NNT Lower Arapahoe -- -- -- -- -- Laramie-Fox Hills 4386 4651 170.9 617 352 41.01 NT Deepest WW 570'	09/02/2018
Permit	Added CIBP at 6658' set on 2/23/2018 as per documents	07/13/2018
Well File Verification	Pass	07/03/2018

Total: 3 comment(s)