

**Replug By Other Operator**

Document Number:

401782683

Date Received:

10/05/2018

**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: 10459 Contact Name: Kaleb Roush  
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 354-4580  
 Address: 370 17TH STREET SUITE 5300 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: kroush@extractionog.com  
**For "Intent" 24 hour notice required,** Name: Beardslee, Tom Tel: (970) 420-3935  
**COGCC contact:** Email: tom.beardslee@state.co.us

API Number 05-001-07000-00 Well Number: 1  
 Well Name: POLLARD  
 Location: QtrQtr: SWSW Section: 28 Township: 1S Range: 66W Meridian: 6  
 County: ADAMS Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: BUGLE Field Number: 7800

Notice of Intent to Abandon     
  Subsequent Report of Abandonment

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

Latitude: 39.930773 Longitude: -104.787640  
 GPS Data:  
 Date of Measurement: 09/01/2018 PDOP Reading: 1.4 GPS Instrument Operator's Name: Derik Drinnen  
 Reason for Abandonment:  Dry     Production Sub-economic     Mechanical Problems  
 Other Re-enter to replug  
 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
J SAND	8182	8223	07/20/1995	B PLUG CEMENT TOP	8100

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	11+3/4	8+5/8	24	218	160	218	0	VISU
1ST	7+7/8	4+1/2	11.6	8,243	150	8,243	7,637	CALC
S.C. 1.1	7+7/8	4+1/2	11.6	1,289	0	1,289	0	CALC

## 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 10 sks cmt from 1340 ft. to 1240 ft. Plug Type: CASING Plug Tagged:   
 Set 10 sks cmt from 665 ft. to 565 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:   
 Perforate and squeeze at 7400 ft. with 50 sacks. Leave at least 100 ft. in casing 7300 CICR Depth  
 Perforate and squeeze at 2500 ft. with 50 sacks. Leave at least 100 ft. in casing 2400 CICR Depth  
 Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
(Cast Iron Cement Retainer Depth)  
 Set 33 sacks half in. half out surface casing from 400 ft. to 0 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:

Will run CBL to verify cement behind pipe  
 All location photos are in one attachment

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

Signed: \_\_\_\_\_ Print Name: Kaleb Roush  
 Title: Production Engineer Date: 10/5/2018 Email: kroush@extractionog.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: BURN, DIANA Date: 10/9/2018

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 4/8/2019

COA Type	Description
	NOTE: Changes in plugging procedure. CBL to be run prior to plugging to verify stage tool setting depth and existing coverage - submit to COGCC for verification of plugging orders. Additional plugs required. 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2158161	LOCATION PHOTO
2158162	SURFACE OWNER CONSENT
401782683	FORM 6 INTENT SUBMITTED
401782709	WELLBORE DIAGRAM

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Denver 4970 5014 24.4 124 80 6.63 E NNT Upper Arapahoe 4738 4944 51.1 356 150 13.90 NNT Lower Arapahoe 4479 4663 99.6 615 431 27.09 NT Laramie-Fox Hills 3826 4042 161.7 1268 1052 38.81 NT Deepest WW 1140' - LKA, UKA and Denver all developed	10/09/2018
Permit	Verified as-drilled lat/longs. Verified Completion Report (doc# 320237, 9/2/1975); JSND perf 8182-88', and 8214-23'. Verified original plugging report (doc# 320236, 8/10/1995); CIBP @ 8100' 7/20/1995. No production records found.  Permitting review complete.	10/09/2018
Permit	With operator concurrence: - added COGCC Field Inspector contact info. - swapped out incomplete location pictures and revised surface owner consent.	10/09/2018

Total: 3 comment(s)