

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.

Document Number:
401780413

Date Received:
10/01/2018

OGCC Operator Number: 10459 Contact Name: MICHAEL SCHWARZ

Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 9747754

Address: 370 17TH STREET SUITE 5300 Fax: _____

City: DENVER State: CO Zip: 80202 Email: MSCHWARZ@EXTRACTIONOG.COM

For "Intent" 24 hour notice required, Name: _____ Tel: _____

COGCC contact: Email: _____

API Number 05-005-05054-00

Well Name: FRANK CAVANAUGH Well Number: 1

Location: QtrQtr: SESW Section: 10 Township: 4S Range: 64W Meridian: 6

County: ARAPAHOE Federal, Indian or State Lease Number: _____

Field Name: WILDCAT Field Number: 99999

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.711775 Longitude: -104.538835

GPS Data:
Date of Measurement: 12/06/2016 PDOP Reading: 1.5 GPS Instrument Operator's Name: DERIK DRINNEN

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

Total: 0 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	16	13+3/4	81.4	200		200	0	
OPEN HOLE	7+7/8			8,145				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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>25</u> sks cmt from <u>8145</u> ft. to <u>8070</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set <u>40</u> sks cmt from <u>5230</u> ft. to <u>5130</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set <u>220</u> sks cmt from <u>1866</u> ft. to <u>1233</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)

Set 103 sacks half in. half out surface casing from 257 ft. to 62 ft. Plug Tagged:
 Set 10 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: 12/15/2016
 *Wireline Contractor: N/A *Cementing Contractor: CEMENTER'S WELL SERVICE, INC.
 Type of Cement and Additives Used: CLASS G NEAT
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

THIS WELL WAS PLUGGED BY AN ENGINEER THAT NO LONGER WORKS FOR XOG. ATTACHED ARE THE DOCUMENTS HE KEPT IN HIS FOLDER.

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

Signed: _____ Print Name: MICHAEL SCHWARZ
 Title: PRODUCTION ENGINEER LEAD Date: 10/1/2018 Email: MSCHWARZ@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: Bouzek, Jared Date: 2/1/2019

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401780413	FORM 6 SUBSEQUENT SUBMITTED
401780420	WELLBORE DIAGRAM
401780423	CEMENT JOB SUMMARY
401780451	OPERATIONS SUMMARY
401780452	OPERATIONS SUMMARY
401780454	OPERATIONS SUMMARY
401780456	OPERATIONS SUMMARY
401780457	OPERATIONS SUMMARY
401780458	OPERATIONS SUMMARY
401780461	OTHER

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	This was a replug of an old DA. The plugs in the procedure 5000' and deeper are from the original plugging.	02/01/2019

Total: 1 comment(s)