

Document Number:  
401666602

Date Received:

**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: John Zarra  
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 481-2395  
 Address: 370 17TH STREET SUITE 5300 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: JZarra@ExtractionOG.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 Email: \_\_\_\_\_

**COGCC contact:** \_\_\_\_\_

API Number 05-123-12028-00 Well Number: 3  
 Well Name: KNISTER  
 Location: QtrQtr: NWNW Section: 32 Township: 5N Range: 66W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 68382  
 Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 40.361365 Longitude: -104.810633  
 GPS Data:  
 Date of Measurement: 05/15/2017 PDOP Reading: 2.4 GPS Instrument Operator's Name: Travis Groves  
 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
NIOBRARA-CODELL	7018	7342	02/27/2018	B PLUG CEMENT TOP	6940

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	24	431	390	431	0	CALC
1ST	7+7/8	4+1/2	11.6	7,467	360	7,467	5,982	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6940 with 25 sacks cmt on top. CIBP #2: Depth 270 with 2 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 160 sks cmt from 811 ft. to 320 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 4375 ft. with 250 sacks. Leave at least 100 ft. in casing 4840 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 160 sacks half in. half out surface casing from 811 ft. to 320 ft. Plug Tagged:   
 Set 13 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: 710 ft. 4+1/2 inch casing Plugging Date: 03/05/2018  
 \*Wireline Contractor: Casedhole Solutions \*Cementing Contractor: O-Tex Cement  
 Type of Cement and Additives Used: Class G Thermal 15.8 ppg  
 Flowline/Pipeline has been abandoned per Rule 1105  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: John Zarra  
 Title: Production Engineer Date: \_\_\_\_\_ Email: JZarra@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: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

COA Type	Description

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401666628	WIRELINER JOB SUMMARY
401666630	CEMENT JOB SUMMARY
401666632	WELLBORE DIAGRAM
401666633	CEMENT JOB SUMMARY
401666637	WIRELINER JOB SUMMARY
401666638	OTHER
401666639	CEMENT JOB SUMMARY
401666643	CEMENT JOB SUMMARY
401666644	WIRELINER JOB SUMMARY
401666646	OPERATIONS SUMMARY
401666647	WIRELINER JOB SUMMARY
401666649	OPERATIONS SUMMARY
401666650	CEMENT BOND LOG
401666651	WIRELINER JOB SUMMARY

Total Attach: 14 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)