

**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:  
 402827020  
 Date Received:  
 10/22/2021

OGCC Operator Number: 10459 Contact Name: Kaleb Roush  
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 354-4580  
 Address: 370 17TH STREET SUITE 5200 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: kroush@extractionog.com

**For "Intent" 24 hour notice required,** Name: Medina, Justin Tel: (720) 471-0006  
**COGCC contact:** Email: justin.medina@state.co.us

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number 05-001-07810-00  
 Well Name: CHAPMAN Well Number: 1  
 Location: QtrQtr: NWSE Section: 28 Township: 1S Range: 64W Meridian: 6  
 County: ADAMS Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: JAMBOREE Field Number: 40590

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

Latitude: 39.932778 Longitude: -104.553036  
 GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 01/20/2010  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other OWP for Order No. 1V-753  
 Casing to be pulled:  Yes  No Estimated Depth: 1500  
 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	7856	7907			
Total: 1 zone(s)					

**Casing History**

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J55	24	0	224	200	224	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7997	250	7997	6735	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7800 with 2 sacks cmt on top. CIBP #2: Depth 6940 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 75 sks cmt from 1550 ft. to 1390 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 3200 ft. with 50 sacks. Leave at least 100 ft. in casing 3100 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 225 sacks half in. half out surface casing from 470 ft. to 0 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. of \_\_\_\_\_ inch casing

Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_ Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_

\*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

Please forward this Form 6 to the Orphan Well Program for Review.

Surface owner's consent will be obtained prior to MIRU next year.

Gyro, Caliper, and CBL to be run and included in the cost of the P&A. Caliper needed as original completion form shows two types of production casing used.

10/22/21 note: API is and was correct...

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: 10/22/2021 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: Jacobson, Eric Date: 1/5/2022

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 7/4/2022

## Condition of Approval

### COA Type

### Description

	Operator to obtain surface owner consent prior to beginning operations.
	Lowered surface shoe plug to 470' with 225 sacks cement. Operator concurs.
	CBL to be run prior to plugging to verify stage tool setting depth and existing coverage - submit to COGCC for verification of plugging orders.
	<p>Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p>
	<p>1) Provide 2 business day notice of plugging MIRU via electronic Form 42.</p> <p>2) After placing the shallowest hydrocarbon isolating plug (6940'), operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations.</p> <p>3) Prior to placing the 470' plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>4) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 174' or shallower and provide 10 sx plug at the surface.</p> <p>5) Leave at least 100' of cement in the wellbore for each plug.</p> <p>6) With the Form 6 SRA operator must provide written documentation, which positively affirms each COA has been addressed.</p>
	Due to close proximity to Residential Building Units: prior to commencing operations, at a minimum, the operator will provide an informational sheet to the owners/occupants of BUs that are nearby and adjacent to the parcel on which the well is located. The sheet will include the operator's contact information and the nature, timing, and expected duration of the PA operations.
	Operator will implement measures to capture, combust, or control emissions to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public health, welfare and the environment. Due to proximity of building units (BUs) all blowdown gases will be controlled.

7 COAs

## Attachment List

### Att Doc Num

### Name

402827020	FORM 6 INTENT SUBMITTED
402827031	WELLBORE DIAGRAM

Total Attach: 2 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Well file verification not completed prior to approval of NOIA.	12/29/2021
Engineer	Deepest Water Well within 1 Mile – SB5 Base of Fox Hills - 1439' SB5 Base of Lower Arapahoe - 764' SB5 Base of Upper Arapahoe - 414' SB5 Base of Denver - 223'	12/29/2021
Permit	<ul style="list-style-type: none"><li>• Verified as-drilled lat/long; "Type of GPS Quality Value" corrected from blank to PDOP.</li><li>• Verified completed interval (Doc 234383); Perf/Prod Interval "Top" corrected from 7859' to 7856'.</li><li>• Verified production reporting.</li></ul>	10/14/2021

Total: 3 comment(s)