

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:
 403041931
 Date Received:
 05/23/2022

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@civiresources.com

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

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

API Number 05-123-07328-00
 Well Name: HOWARD Well Number: 1
 Location: QtrQtr: SENW Section: 17 Township: 7N Range: 67W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.576014 Longitude: -104.919729
 GPS Data: GPS Quality Value: 0.0 Type of GPS Quality Value: Accuracy in Meters Date of Measurement: 03/21/2022
 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
J SAND	7484	7491	06/12/1971	CEMENT	7484
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	J-55	24	0	409	400	409	0	VISU
1ST	7+7/8	4+1/2	N-80	11.6	0	7720	300	7720	6640	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 110 sks cmt from 4500 ft. to 3466 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 80 sks cmt from 2605 ft. to 1876 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 40 sks cmt from 850 ft. to 768 ft. Plug Type: OPEN HOLE 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 _____ 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 368 sacks half in. half out surface casing from 768 ft. to 0 ft. Plug Tagged:
Set 20 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 56
Surface Plug Setting Date: 03/01/2022 Cut and Cap Date: 04/26/2022

*Wireline Contractor: _____ *Cementing Contractor: Swabbco

Type of Cement and Additives Used: Class G

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Unable to perform bradenhead test on re-entry P&A as that annulus doesn't exist after the first plugging attempt.

- 1) Form 42 was submitted prior to plugging operations, Form 42 Doc #402961367.
 - 2) After placing plug at (850'), operator waited a sufficient amount of time to confirm static conditions. There was no pressure or fluid migration.
 - 3) No fluids or gas migration was present prior to cement plug to surface being set. The plug was cemented to surface with 367 sacks of cement from 768'.
 - 4) Plug was cemented to surface and topped off w/ 20 sx at surface (Total sx 368).
 - 5) At least 100' of cement was left in the wellbore for each plug.
 - 6) This well's flowline(s) has not yet been abandoned per Rule 1105 at the time of this Form 6 subsequent report. It will be abandoned within 90 days of the last surface plug set date and reported on a Form 42 or 44 as per Rule 1105.f.
 - 7) Each COA has been addressed.
 - 8) Due to close proximity to Residential Building Units: prior to commencing operations, at a minimum, the operator provided 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 included the operator's contact information and the nature, timing, and expected duration of the PA operations.
 - 9) Operator implemented 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 were controlled.
- Attached to this form:
- a. Wireline and cement tickets are attached to this form.
 - b. Operations summary is attached to this form for reference.
 - c. Final P&A WBD is attached to this form.

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

Signed: _____ Print Name: Ashley Noonan

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: JENKINS, STEVE

Date: 9/8/2022

CONDITIONS OF APPROVAL, IF ANY:**Condition of Approval****COA Type****Description**

0 COA

Attachment List**Att Doc Num****Name**

403041931	FORM 6 SUBSEQUENT SUBMITTED
403042083	OPERATIONS SUMMARY
403042085	WELLBORE DIAGRAM
403042089	FORM 6 INTENT SUBMITTED
403051926	CEMENT JOB SUMMARY

Total Attach: 5 Files

General Comments**User Group****Comment****Comment Date**

Engineer	This is a re-enter to re-plug, no flowlines to abandon.	09/08/2022
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Total: 1 comment(s)