

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:
 403401622
 Date Received:
 05/16/2023

OGCC Operator Number: 10459 Contact Name: Adam Conry
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (303) 883-3351
 Address: 370 17TH STREET SUITE 5200 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: AConry@civiresources.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 05-005-06616-00
 Well Name: ROSENFELD Well Number: 4-29
 Location: QtrQtr: NWNW Section: 29 Township: 4S Range: 64W Meridian: 6
 County: ARAPAHOE Federal, Indian or State Lease Number: _____
 Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.679263 Longitude: -104.581896
 GPS Data: GPS Quality Value: 2.7 Type of GPS Quality Value: PDOP Date of Measurement: 11/15/2016
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other PA Re-entry for Offset Frac
 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	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		310	225	310	0	CBL
OPEN HOLE	7+7/8				310	8553				

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	75	sks cmt from	7675	ft. to	7450	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	30	sks cmt from	3200	ft. to	3100	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	75	sks cmt from	2150	ft. to	1950	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	50	sks cmt from	1238	ft. to	1088	ft.	Plug Type:	OPEN HOLE	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 150 sacks half in. half out surface casing from 450 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. of _____ inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
Surface Plug Setting Date: _____ Cut and Cap Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Attached:
-Proposed WBD
-Surface Owner Consult
-Location Photos

No HPH (no consult necessary)

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

Title: Sr. Regulatory Analyst Date: 5/16/2023 Email: regulatory@civiresources.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: 5/30/2023

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 11/29/2023

<u>COA Type</u>	<u>Description</u>
	Operator shall implement measures to control venting, 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 welfare.
	1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations. These are two separate notifications, required by Rules 405.e and 405.i. 2) Pump surface casing shoe plug at 450' only after isolation has been verified. If surface casing cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 260' or shallower and provide a minimum of 10 sx plug at the surface. 3) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation. 4) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.
2 COAs	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403401622	WELL ABANDONMENT REPORT (INTENT)
403401668	SURFACE OWNER CONSENT
403405219	LOCATION PHOTO
403405224	WELLBORE DIAGRAM
403416710	FORM 6 INTENT SUBMITTED

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Passes Permitting • Verified as-drilled lat/long. • No completed intervals to verify; well never completed. • No production reporting to verify; well never produced. • Well originally plugged on 5/9/1973. • Added COGCC contact.	05/26/2023
Engineer	Well file verification not completed prior to approval of NOIA.	05/24/2023
Engineer	Deepest Water Well within 1 Mile – 660' SB5 Base of Fox Hills - 2018' SB5 Base of Lower Arapahoe - 1463' SB5 Base of Upper Arapahoe - 1188' SB5 Base of Denver - 853' Denver / 4960 / 5672 / 191.2 / 853 / 141 / 52.01NNT Upper Arapahoe / 4625 / 4867 / 149.8 / 1188 / 946 / 40.75NT Lower Arapahoe / 4350 / 4550 / 90.2 / 1463 / 1263 / 24.53NT Laramie-Fox Hills / 3795 / 4020 / 143.3 / 2018 / 1793 / 34.39NT	05/24/2023
OGLA	OGLA review is complete.	05/23/2023

Total: 4 comment(s)