

FORM

6

Rev  
11/20

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Replug By Other Operator

Document Number:

403354806

Date Received:

03/29/2023

## 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: Adam Conry

Name of Operator: EXTRACTION OIL &amp; 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: Petrie, Erica

Tel: (303) 726-3822

COGCC contact:

Email: erica.petrie@state.co.us

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

API Number 05-123-10382-00

Well Name: STATE

Well Number: 5 (OWP)

Location: QtrQtr: SWSE Section: 34 Township: 3N Range: 62W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 74/6591-S

Field Name: LOST CREEK

Field Number: 51600

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

Latitude: 40.176619

Longitude: -104.307003

GPS Data: GPS Quality Value: 2.6 Type of GPS Quality Value: PDOP Date of Measurement: 10/26/2010

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other P&A Orphan WellCasing to be pulled: ☒ Yes ☐ No Estimated Depth: 2200Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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
D SAND	6748	6755			

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	10+3/4	8+5/8	J-55	32	0	200	35	200	0	CALC
1ST	7+7/8	4+1/2	J-55	11.6	0	6867	150	6867	6250	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6675 with 2 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 <u>30</u> sks cmt from <u>5975</u> ft. to <u>5750</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>83</u> sks cmt from <u>2300</u> ft. to <u>2000</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>125</u> sks cmt from <u>550</u> ft. to <u>200</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set <u>65</u> sks cmt from <u>200</u> ft. to <u>100</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 6000 ft. with 40 sacks. Leave at least 100 ft. in casing 5975 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 \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ 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:

PROPOSED WBD ATTACHED

No consultation required for typical work associated with P&A in big game HPH

Notify OWP Supervisor. This well will be plugged per Civitas' Agreement for Plugging Operations, dated October, 17th, 2022

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 Date: 3/29/2023 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: Haverkamp, Curtis Date: 4/20/2023

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

Expiration Date: 10/19/2023

COA Type	Description
	Verify existing cement coverage by CBL - submit to COGCC for verification of plugging orders prior to continuing plugging operations.
	Consistent with Rule 911.a, a Form 27 must be approved prior to cut and cap. Allow 30 days for Director's review of the Form 27; include the Form 27 document number on the Form 6 Subsequent. Any historic Spill or Release discovered beyond the excavation required to safely cut and cap, will be reported on a Form 19, Spill/Release Report.
	<p>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.l.</p> <p>2) After placing plug at 2300' assure that all fluid migration has been eliminated by monitoring the well for a minimum of 8 hours before proceeding to the next plug. 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 cement above the base of the Upper Pierre (approximately 1480'): verify that all fluid (liquid and gas) migration has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>4) If surface casing shoe plug is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 150' or shallower and provide a minimum of 10 sx plug at the surface.</p> <p>5) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation.</p> <p>6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.</p>
	<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>
	Due to proximity to surface water, Operator will review the stormwater program and implement stormwater BMPs and erosion control measures as needed to prevent fine-grained sediment and impacted stormwater runoff from entering surface water.
5 COAs	

### **Attachment List**

Att Doc Num	Name
403354806	FORM 6 INTENT SUBMITTED
403358269	WELLBORE DIAGRAM

Total Attach: 2 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Civitas is completing the wellbore abandonment. Any historic Spill or Release discovered beyond the excavation required to safely cut and cap, will be reported on a Form 19, Spill/Release Report, and those impacts will be addressed by the Orphaned Well Program. The COGCC Orphan Well Program will complete flowline abandonment and location closure and reclamation.	04/20/2023
Engineer	DWR base of Fox Hills: 447' Deepest water well within 1 mile: 364' Base of Upper Pierre estimated: 1480' No history of bradenhead tests. No CBL on file.	04/17/2023
OGLA	OGLA review is complete.	04/03/2023
OGLA	Well is in a CPW mapped Pronghorn Winter Concentration Area High Priority Habitat. Although plugging and abandonment operations with heavy equipment will be allowed, the operator is strongly encouraged to avoid them from January 1 through April 30.	04/03/2023
OGLA	Well is in a mule deer severe winter range migration corridor and winter concentration area. Although plugging and abandonment operations with heavy equipment will be allowed, the operator is strongly encouraged to avoid them between December 1 through April 30.	04/03/2023
Permit	Pass.	03/30/2023
Permit	Passes Permitting • Verified as-drilled lat/long. • Verified completed interval (Doc 611120). • Last month of reported production is 9/2019.	03/29/2023

Total: 7 comment(s)