

FORM  
6Rev  
11/20

## State of Colorado

## Energy &amp; Carbon Management Commission

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



DE ET OE ES

Replug By Other Operator

Document Number:

403447435

Date Received:

07/11/2023

## 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: 96850

Contact Name: Melissa Luke

Name of Operator: TEP ROCKY MOUNTAIN LLC

Phone: (970) 263-2721

Address: 1058 COUNTY ROAD 215

Fax:

City: PARACHUTE State: CO Zip: 81635

Email: mluke@terraep.com

For "Intent" 24 hour notice required,

Name: Morris, Matthew

Tel: (970) 620-0348

COGCC contact:

Email: matthew.morris@state.co.us

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

API Number 05-077-10096-00

Well Name: Deer Creek SWD

Well Number: 1 (OWP)

Location: QtrQtr: NENE Section: 2 Township: 14S Range: 98W Meridian: 6

County: MESA

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

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

Latitude: 38.869560

Longitude: -108.305710

GPS Data: GPS Quality Value: 6.0 Type of GPS Quality Value: PDOP Date of Measurement: 05/06/2010

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ OtherCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish 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
CHINLE	1740	1746	10/30/2013	CEMENT	1569

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
CONDUCTOR	18	16	-		0	40	36	40	0	CALC
SURF	14	10+3/4	-	40.5	0	213	175	213	0	VISU
1ST	9+7/8	7	-	26	0	1947	660	1947	220	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 1560 with 7 sacks cmt on top. CIBP #2: Depth 253 with 49 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 56 sks cmt from 950 ft. to 650 ft. Plug Type: CASING Plug Tagged: ☐  
Set 51 sks cmt from 206 ft. to 0 ft. Plug Type: ANNULUS 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 \_\_\_\_\_ 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 \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ 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

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:

TEP Rocky Mountain LLC (TEP) has proposed the plugging and abandonment (P&A) of the Deer Creek SWD #1 OWP (API# 05-077-10096). The well is located within the inactive Deer Creek Solid Waste Disposal Facility (Loc# 417723). The Deer Creek SWD #1 was drilled and completed in 2011 with the intention of seeking a Class I or Class IV underground injection permit. However, the well was denied UIC permit and was never permitted as an active disposal well.

TEP plans to P&A the subject well in the amount of \$70,650, and potentially perform minor additional site cleanup work if the plugging budget is less than the total amount listed above. Additional site cleanup may include collecting soil samples. Reclamation and remediation of the location and/or waste disposal facility would be outside the scope of the public project.

Please see the proposed procedure, current wellbore diagram and proposed wellbore diagram attached.

TEP requests the review of this Plug and Abandon Form 6 Notice of Intent from the Orphaned Well Program Manager, Dave Andrews.

**Proposed Procedure**

- 1 Notify COGCC via Form 42, 48 hrs prior to start of activity
- 2 RIH w/ WL set CIBP @ 1,560' in 7" casing
- 3 RIHw/ WL dump bail 7 sks cement on top of CIBP. TOC @ 1,523'
- 4 Pressure test casing to 500 psi for 15 minutes; notify COGCC if test fails
- 5 RIH w/ tbg and pump 56 sks cement balanced plug from 650' - 950'
- 6 RIH w/ WL set CIBP @ 253' in 7" casing
- 7 RIH w/ tbg and pump 49 sks cement to surface.
- 8 RIH w/ 1" inside 7" x 10-3/4" annulus to 206'. Pump 51 sks cement to surface.
- 9 Submit wireline and cement field tickets to engineer
- 10 Monitor well for 5 days to ensure successful plugging
- 11 Cut off wellhead, top out cement if necessary
- 12 Weld a steel plate dryhole marker with a weep hole on top of casing (See Details Below)
- 13 Submit subsequent Form 6 to COGCC
- 14 Backfill cellar
- 15 File electronic Form 42 after flowline abandonment is complete

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

Signed: \_\_\_\_\_ Print Name: Melissa Luke  
Title: Regulatory Specialist Date: 7/11/2023 Email: mluke@terraep.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: Katz, Aaron Date: 8/1/2023

**CONDITIONS OF APPROVAL, IF ANY:**

Expiration Date: 1/31/2024

COA Type	Description
	Due to proximity to a mapped wetland and surface water, operator will use secondary containment for all tanks and other liquid containers. Operator will implement stormwater BMPs and erosion control measures as needed to prevent sediment and stormwater runoff from entering the wetland and surface water.
	This oil and gas location is located within a CPW-mapped 500 foot buffer of the Ordinary High Water Mark of Deer Creek for protection of Aquatic Sportfish Management Waters High Priority Habitat. At a minimum, 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.
	<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.</p> <p>2)The approved Form 6, Notice of Intent will be at the location during all phases of plugging operations.</p> <p>3)Operator shall implement measures to control venting and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard.</p> <p>4)If applicable properly abandon flowlines as per Rule 1105. Pursuant to Rule 911.a. Closure of Oil and Gas Facilities, Operator will submit Site Investigation and Remediation Work plans via Form 27 for COGCC prior approval before cutting and capping the plugged well, conducting flowline abandonment, and removing production equipment. Pursuant to Rule 1105.f. Abandonment Verification, within 90 days of an operator completing abandonment requirements for a flowline or crude oil transfer line, an operator must submit a Field Operations Notice, Form 42-Abandonment of Flowlines for on-location flowlines, and a Flowline Report, Form 44, for off-location flowlines or crude oil transfer lines.</p> <p>5)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. If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. 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>
3 COAs	

### **Attachment List**

Att Doc Num	Name
2597979	CURRENT & PROPOSED PLUGGING WBD AND PROCEDURE
403447435	WELL ABANDONMENT REPORT (INTENT)
403482301	FORM 6 INTENT SUBMITTED

Total Attach: 3 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	OGLA Review complete.	07/28/2023
Engineer	Added conductor casing to casing table  Emailed Operator on 7/26 with previous approved Form 6 to adjust plugging plan. Operator provided adjusted plugging plan, which is attached and values in webforms were changed accordingly for the plugging procedure.  proposed procedure in operator comments was updated per attached procedure	07/26/2023
Engineer	See operator comments for details on OWP well  There are no domestic water wells within 1 mile  There are no oil or gas wells within 1 mile  No bradenhead tests have been completed on this well. See COA#5	07/26/2023

Total: 3 comment(s)