

FORM
6Rev
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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Document Number:

403135219

Date Received:

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: Dustin Childer

Name of Operator: TEP ROCKY MOUNTAIN LLC

Phone: (936) 524-8828

Address: 1058 COUNTY ROAD 215

Fax:

City: PARACHUTE State: CO Zip: 81635

Email: dchilders@terraep.com

For "Intent" 24 hour notice required,

Name: Kellerby, Shaun

Tel: (970) 285-7235

COGCC contact:

Email: shaun.kellerby@state.co.us

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

API Number 05-045-24468-00

Well Name: FEDERAL

Well Number: NR 332-4

Location: QtrQtr: NWSW Section: 3 Township: 6S Range: 94W Meridian: 6

County: GARFIELD

Federal, Indian or State Lease Number: COC73085

Field Name: RULISON

Field Number: 75400

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.554266 Longitude: -107.879171

GPS Data: GPS Quality Value: 2.9 Type of GPS Quality Value: Date of Measurement: 07/22/2020

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: 5" Drill Pipe Separated Top of Fish at 1360' (See attached current WBD).

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
WILLIAMS FORK	7272	10121	08/14/2022	B PLUG CEMENT TOP	1000
WASATCH	6642	7272	08/14/2022	B PLUG CEMENT TOP	1000
WASATCH G	4174	6642	08/14/2022	B PLUG CEMENT TOP	1000

Total: 3 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	20	18	X42ERW	48	0	84	200	84	0	VISU
SURF	13+1/2	9+5/8	J-55	36	0	1137	362	1137	0	VISU

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 1000 with 10 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 134 sks cmt from 1360 ft. to 1037 ft.

Plug Type: CASING

Plug Tagged: ☐

Set 19 sks cmt from 50 ft. to 0 ft.

Plug Type: CASING

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

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:

Terra Rocky Mountain, LLC (TEP) is requesting approval to P&A the Federal NR 332-4. While drilling ahead in 8-3/4" production hole at 10,082' a washout in the drill string was observed via decline in stand pipe pressure and the decision was made to trip out of hole to locate wash. During the trip out of hole the drill string parted at the 5" body and top of fish was determined to be 1360' below surface. Fishing operations began on 8/9/22. The first fishing attempt resulted in leaving an obstruction inside the fish in the hole from the overshot which led to several efforts to retrieve and ultimately mill to dress off top of fish (TOF). Later attempts were made to back off drill pipe just below top of fish via wireline in order to recover 5" tube, leaving box end as TOF for an ideal scenario for screw in recovery. Additional efforts have been made with washpipe mill shoe methods to clear out any obstructions within the 8-3/4" x 4-1/2" annulus along with several magnet runs to remove metal debris.

Proposed Procedure

1. Notify BLM inspector and COGCC (if necessary) prior to commencing cementing operations.
2. Check surface pressure to verify well is static
3. Run in hole with workstring to top of fish at 1360'
4. Pump balanced cement plug #1 to from 1360' to 1037', leaving 223' of 15.8 ppg class G cement with 20% excess inside open hole and 100' of cement inside 9-5/8" surface casing
5. Pull out of hole
6. Wait on cement for 6 hours
7. Run in hole to tag and verify top of cement (TOC) depth
8. Pull out of hole
9. Run in hole and set cast iron bridge plug (CIBP) above TOC
10. Pump a minimum of 10' of cement on top of CIBP
11. Secure well and skid rig to the NR 32-4
12. File Form 6 for subsequent approval to finish NR 332-4 P&A with workover rig
13. With workover rig - Top out a 50' cement plug #2 with 15.8 ppg class G neat cement from surface inside 9-5/8" casing

Please see attached detailed drilling reports, current WBD, proposed WBD and proposed plugging procedure for project details. Verbal approval was granted via email to P&A this well by the COGCC on 08/14/2022, email has been attached. Plugging operations began 08/15/2022.

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: _____ 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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

<u>COA Type</u>	<u>Description</u>

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403135785	OPERATIONS SUMMARY
403135786	OPERATIONS SUMMARY
403135787	OPERATIONS SUMMARY
403135788	OPERATIONS SUMMARY
403135789	OPERATIONS SUMMARY
403135791	OPERATIONS SUMMARY
403135792	OTHER
403135793	OTHER
403135799	OTHER
403135896	PROPOSED PLUGGING PROCEDURE
403135898	WELLBORE DIAGRAM
403135899	WELLBORE DIAGRAM

Total Attach: 12 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)