

Document Number:
401273183

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: Will Greathouse
 Name of Operator: TEP ROCKY MOUNTAIN LLC Phone: (817) 709-3949
 Address: PO BOX 370 Fax: _____
 City: PARACHUTE State: CO Zip: 81635 Email: wgreathouse@terraep.com

For "Intent" 24 hour notice required, Name: Conklin, Curtis Tel: (970) 986-7314
 COGCC contact: Email: curtis.conklin@state.co.us

API Number 05-045-07455-00 Well Number: PA 21-4
 Well Name: KNIGHT
 Location: QtrQtr: NENW Section: 4 Township: 7S Range: 95W Meridian: 6
 County: GARFIELD Federal, Indian or State Lease Number: _____
 Field Name: PARACHUTE Field Number: 67350

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.472559 Longitude: -108.004863
 GPS Data:
 Date of Measurement: 11/22/1999 PDOP Reading: _____ GPS Instrument Operator's Name: _____
 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
WILLIAMS FORK - CAMEO	4165	6129	03/31/2017	B PLUG CEMENT TOP	4115

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	13+1/2	9+5/8	36	1,635	705	1,635	0	VISU
1ST	7+7/8	4+1/2	11.6	6,529	820	6,529	2,940	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4115 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 100 sks cmt from 2235 ft. to 3218 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:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 1685 ft. with 35 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 900 ft. with 100 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 615400 ft. with 100 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 23 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

Plugging Date: 04/26/2017

*Wireline Contractor: DLD Pipe Recovery Services LLC

*Cementing Contractor: Blac Frac Tanks, Inc.

Type of Cement and Additives Used: 15.8 ppg Class G Cement

Flowline/Pipeline has been abandoned per Rule 1103 Yes

No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

P&A Summary:

1. Notified COGCC Representative of start of activity
2. TIH w/2-3/8" TBG to 3,133'
3. Hooked up backside and bradenhead to tank and established circulation
4. Pumped water spacer ahead of 58.00 bbls to fill hole w/fresh water
5. Pumped. 100.00 sx 15.8 ppg cmt down TBG to set balanced plug from 2,235' to 3,218'
6. POOH to 300'
7. Secured well for night
8. TIH and tagged cmt plug @ 2,235'
9. POOHLTD TBG
10. RU WL and shot 4 SPF 1' (4 holes) @ 1,685'
11. Pumped 35.00 sx 15.8 ppg cmt to set balanced plug from 1,585' to 1,685' across surface CSG shoe
12. Secured well for night
13. RU WL and RIH w/Jet Cutter, made cut @ 1,100'
14. POOLD 4-1/2" CSG
15. RU WL and shot 4 SPF 2' (8 holes) @ 900'
16. Pumped 100.00 sx 15.8 ppg cmt to set balanced plug but was unable to displace cmt behind pipe
17. Secured well for night
18. Tagged cmt plug top @ 634'
19. RU WL and shoot 4 SPF 1' (4 holes) @ 615'
20. RIH w/ WL and shot 4 SPF 2' (8 holes) @ 615'
21. Pumped 50.00 sx 15.8 ppg cmt to set balanced plug
22. RIH w/ WL and shot 4 SPF 2' (8 holes) @ 400'
23. Pumped 50.00 sx 15.8 ppg cmt to set balanced plug
24. Secured well for night
25. Checked conductor for pressure, 0 psi
26. Inspected area with IR camera, found no fugitive gas
27. Filled conductor/surface annulus with 6 gallons of 15.8 ppg cmt
28. Ran 50' of 1" line down Surface CSG and pumped a 50' top plug with 23 sx of 15.8 ppg cmt
29. Installed dry hole marker and welded Surface CSG
30. Filled cellar around marker to grade, cleaned up location, capped flowline w/bull plug

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

Signed: _____ Print Name: Vicki Schoeber
 Title: Regulatory Specialist Date: _____ Email: vschoeber@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:

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401273188	WIRELINE JOB SUMMARY
401273189	WIRELINE JOB SUMMARY
401273199	CEMENT JOB SUMMARY
401273236	OPERATIONS SUMMARY
401273237	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

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

Total: 0 comment(s)