

Document Number:
401249620

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: _____ 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	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 96 sks cmt from 2940 ft. to 3200 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 628 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 Plugging Date: _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

TEP Rocky Mountain LLC request approval to plug and abandon the Knight PA 21-4 well.

PROPOSED PLUGGING PROCEDURE:

1. Notify COGCC Representative of start of activity
2. TIH w/2-3/8" TBG to 3,133'
3. Plumb up backside and bradenhead to tank and establish circulation
4. Pump water spacer ahead of 12.22 bbls (TBG capacity @ 3,133')
5. Pump 95.78 sx 15.8 ppg cmt down TBG w/backside & bradenhead open and displace to balance plug
6. POOH to 300'
7. Secure well for night and wait on cement
8. TIH and tag cmt plug, if tag is deeper than 2,664', repeat steps and pump extra job until coverage is at least to 2,600'
9. Shut well in and ensure no pressure builds on TBG, CSG, or BH
10. POOHLD TBG
11. RU WL and TIH to 1,685' (50' deeper than surface CSG shoe)
12. Shoot 1' @ 4 SPF 90 deg PHZ
13. POOH and RD WL
14. Open backside to tank and establish circulation
15. Pump 628.36 sx 15.8 ppg cmt down TBG w/backside open and displace as needed filling hole full of cement
16. Secure well
17. Cut WH and weld in place dryhole marker
18. Backfill cellar
19. Reclaim wellsite per COGCC regulations

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: _____

Expiration Date: _____

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401251102	WELLBORE DIAGRAM
401251103	PROPOSED PLUGGING PROCEDURE
401251121	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)