

Document Number:
401249620

Date Received:
04/04/2017

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 - 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
CONDUCTOR		16		60	170	60	0	VISU
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. CIPB #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 2664 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: 4/4/2017 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: BURGER, CRAIG

Date: 4/10/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 10/9/2017

COA Type	Description
	Email to operator: COA: Submit Wireline Summary describing setting CIBP and 2 sx cmt on 3/31/2017 along with the Form 6 SRA required after the well is plugged. Form 7 is OK.

Attachment Check List

Att Doc Num	Name
401249620	FORM 6 INTENT SUBMITTED
401251102	WELLBORE DIAGRAM
401251103	PROPOSED PLUGGING PROCEDURE
401251121	WELLBORE DIAGRAM
401254161	CEMENT JOB SUMMARY

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Engineer	1)After pumping balance plug from 3200' to 2664' monitor all annulus pressures until cement is tagged. Contact COGCC area engineer with results prior to proceeding with surface shoe plug. 2)Provide 48 hour notice of plugging MIRU via electronic Form 42. 3)Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete.	04/06/2017
Engineer	Surface casing covers the Wasatch G. Lower Wasatch pick at 2950'. Additional cement coverage will be provided by covering the casing leaks that were identified between 2664' and 3133'. Changed zone to WFCM - Williams Fork Cameo to match production reporting. Added conductor information per operator. Hole size and pipe weight not available. Attached surface casing cement job summary provided by operator to this submittal.	04/06/2017
Public Room	Document verification complete 04/05/17	04/05/2017

Total: 3 comment(s)