

Document Number:
401760723

Date Received:
09/12/2018

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: 10071 Contact Name: Rachel Milne

Name of Operator: HIGHPOINT OPERATING CORPORATION Phone: (303) 3128115

Address: 1099 18TH ST STE 2300 Fax: _____

City: DENVER State: CO Zip: 80202 Email: rmilne@hpres.com

For "Intent" 24 hour notice required, Name: Evins, Bret Tel: (970) 420-6699

COGCC contact: Email: bret.evins@state.co.us

API Number 05-123-47300-00 Well Number: 15-6104BW

Well Name: Critter Creek

Location: QtrQtr: SWSW Section: 15 Township: 11N Range: 63W Meridian: 6

County: WELD Federal, Indian or State Lease Number: _____

Field Name: HEREFORD Field Number: 34200

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.916243 Longitude: -104.424269

GPS Data:
Date of Measurement: 03/26/2018 PDOP Reading: 1.3 GPS Instrument Operator's Name: CHAD MEIERS

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Re-drill Rig Skid

Casing to be pulled: Yes No Estimated Depth: 17886

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

Total: 0 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	1,550	445	1,550	0	VISU
1ST	8+3/4	7	23	7,894	600	7,894		CBL
1ST LINER	6+1/8	4+1/2	11.6	17,881	740	17,881	7,547	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6835 with _____ 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 25 sks cmt from 6730 ft. to 6830 ft. Plug Type: CASING Plug Tagged:
Set 25 sks cmt from 1500 ft. to 1600 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 25 sacks half in. half out surface casing from 100 ft. to 0 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. _____ inch casing Plugging Date: _____
of _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Diana Burn provided verbal approval for a request to plug lost hole, skid rig, and drill replacement well on 9/11/2018. See attached email correspondence for details.

- While attempting to release from the 4 1/2" casing liner hanger, there was some sort of failure that would not allow us to sting out of the liner hanger to circulate off the excess cement from around the drill pipe. While attempting all options to release from hanger, too much time had passed and the cement cured. We began pipe recovery operations on Friday afternoon (9/7/2018) with very little progress. The decision was made to re-drill the well. We will put a new surface hole location on the Critter Creek 15 SW pad in line with other wells, 15' to the east of the 6104BE well.
- The total MD of the hole to be abandoned is 17886' MD.
- 9 5/8" surface casing is set at 1549' MD.
- There is a cemented fish in the hole at 7070' MD to 7547' MD.
- On 9/10 a cast iron bridge plug was set at 6835' MD (KOP of curve).
- Sidetrack KOP is 0' MD on new well.
- The objective formation for the sidetrack hole is the Niobrara formation, which is the same objective formation as the wellbore being abandoned.
- The PBHL of the sidetrack hole is the same as the wellbore being abandoned.

CBL was not ran due to the fact this well will be PA'd, no top of cement is available to record in the casing history tab.

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

Signed: _____ Print Name: Rachel Milne
Title: Regulatory Analyst Date: 9/12/2018 Email: rmilne@hpres.comn

Based on the information provided, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved:

Date: 9/14/2018

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 3/13/2019

COA Type	Description
	<p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Prior to placing the 1500' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>3) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 1400' or shallower and provide 10 sx plug at the surface.</p> <p>4) Leave at least 100' of cement in the wellbore for each plug.</p> <p>5) Properly abandon on-location flowlines as per Rule 1105. File electronic Form 42 once abandonment is complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line, the operator must submit a Flowline Report, Form 44.</p>
	Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.
	<p>If there has not been a reported Bradenhead test within 60 days of plugging this well, prior to starting plugging operations, a Bradenhead test shall be performed.</p> <p>1) If, before opening the Bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>3) If sampling is required contact COGCC engineering for an confirmation of plugging requirements prior to placing any plugs.</p> <p>Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. The Form 17 shall be submitted within 10 days of the test.</p>

Attachment Check List

Att Doc Num	Name
401760723	FORM 6 INTENT SUBMITTED
401761273	OTHER
401761282	PROPOSED PLUGGING PROCEDURE
401761296	WELLBORE DIAGRAM
401761298	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Permit	Permitting review complete, passed task.	09/13/2018

Total: 1 comment(s)