

FORM

6

Rev
05/18

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:

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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: 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 Name: Critter Creek

Well Number: 15-6104BW

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 SkidCasing 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 ½" 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: _____ Email: rmilne@hpres.comn

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: _____

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401761273	OTHER
401761282	PROPOSED PLUGGING PROCEDURE
401761296	WELLBORE DIAGRAM
401761298	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)