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Replug By Other Operator

Document Number:
401395504

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: 10625 Contact Name: PATRICK LAMBIE
 Name of Operator: HIGHLANDS NATURAL RESOURCES Phone: (303) 868-6668
 Address: 2401 EAST 2ND AVENUE SUITE 150 Fax: _____
 City: DENVER State: CO Zip: 80206 Email: patrick.lambie@iptenergyservices.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 Email: _____

API Number 05-005-06685-00
 Well Name: HUSKY ET AL-STATE Well Number: 2-16
 Location: QtrQtr: NWNE Section: 16 Township: 5S Range: 64W Meridian: 6
 County: ARAPAHOE Federal, Indian or State Lease Number: 70-8006S
 Field Name: EAGLE Field Number: 19150

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.620998 Longitude: -104.555025
 GPS Data:
 Date of Measurement: 09/12/2017 PDOP Reading: 1.4 GPS Instrument Operator's Name: DOMINICK DAVIS
 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

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	12+1/4	8+5/8	23	180	180	180	0	VISU

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ 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 186 sks cmt from 7825 ft. to 7176 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 90 sks cmt from 2080 ft. to 1767 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 54 sks cmt from 1476 ft. to 1300 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 54 sks cmt from 940 ft. to 757 ft. Plug Type: OPEN HOLE 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 90 sacks half in. half out surface casing from 360 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. of _____ inch casing Plugging Date: 09/02/2017
 *Wireline Contractor: ECWS *Cementing Contractor: BJ Services
 Type of Cement and Additives Used: CLASS G, 15.8#, 1.15 YIELD
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

There were no flowlines that needed to be abandoned.

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

Signed: _____ Print Name: Paul Gottlob
 Title: Regulatory & Engin. Tech. Date: _____ Email: paul.gottlob@iptenergyservices.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:

COA Type	Description

Attachment Check List

Att Doc Num	Name
401395593	CEMENT JOB SUMMARY
401395599	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)