

FORM
6

Rev
12/05

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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Replug By Other Operator

Document Number:

401348979

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: (315) 532-1852
 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: Sherman, Susan Tel: (719) 775-1111
COGCC contact: Email: susan.sherman@state.co.us

API Number 05-005-06602-00 Well Number: 4-22
 Well Name: SMOKEY HILL-STATE
 Location: QtrQtr: NWNW Section: 22 Township: 5S Range: 64W Meridian: 6
 County: ARAPAHOE Federal, Indian or State Lease Number: 70-8012/S
 Field Name: WILDCAT Field Number: 99999

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.606455 Longitude: -104.545888
 GPS Data:
 Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Remediation PA to COGCC standards
 Casing to be pulled: Yes No Estimated Depth: 8377
 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	24	201	150	201	0	VISU

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 <u> 90 </u> sks cmt from <u> 7900 </u> ft. to <u> 8262 </u> ft.	Plug Type: <u> OPEN HOLE </u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u> 160 </u> sks cmt from <u> 7128 </u> ft. to <u> 7750 </u> ft.	Plug Type: <u> OPEN HOLE </u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u> 75 </u> sks cmt from <u> 1561 </u> ft. to <u> 1816 </u> ft.	Plug Type: <u> OPEN HOLE </u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u> 50 </u> sks cmt from <u> 1293 </u> ft. to <u> 1463 </u> ft.	Plug Type: <u> OPEN HOLE </u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:
 Set 20 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:

Program of Operations
 1 Excavate around wellbore
 2 Clean and weld on stub to the 8-5/8" Casing
 3 Install bowl and BOPs
 4 Drill out cement and wash down with stiff BHA to 8262'
 5 Spot plug from 8262'-7900' with class G cement (90 sx) and tag once set
 6 Spot plug from 7750-7128' with class G cement (160 sx) and tag once set
 7 Spot plug from 50' below the base of the Fox Hills (75 sx) with class G cement and tag plug once set
 8 Spot plug from 50' below the base of the Arapahoe (50 sx) with class G cement (no tag).
 9 Set 20 sx surface plug. Cut off 4' below surface and cap with plate showing well details.

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: _____ Expiration Date: _____

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401349014	OPERATIONS SUMMARY
401349017	WELLBORE DIAGRAM
401349021	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)