

WELL ABANDONMENT REPORT

Document Number:

400442756

Date Received:

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: 10203 Contact Name: Janice Aldstadt
 Name of Operator: BLACK RAVEN ENERGY INC Phone: (303) 308-1330
 Address: 1331 17TH STREET - #350 Fax: (303) 308-1590
 City: DENVER State: CO Zip: 80202 Email: jaldstadt@blackravenenergy.com

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

API Number 05-087-05300-00 Well Number: 4
 Well Name: CRONE, B F
 Location: QtrQtr: SWNW Section: 13 Township: 1N Range: 58W Meridian: 6
 County: MORGAN Federal, Indian or State Lease Number: 40907
 Field Name: ADENA Field Number: 700

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.052530 Longitude: -103.826599
 GPS Data:
 Date of Measurement: 09/30/2011 PDOP Reading: 3.4 GPS Instrument Operator's Name: Theresa McCollom
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 2233
 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	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth
J SAND	JSND	5707	5718	03/18/2013	B PLUG CEMENT TOP	3773

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
SURF	12+1/4	8+5/8	28	105	75	105	0	CALC
1ST	7+7/8	5+1/2	15.5	5,774	275	5,774	3,869	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3773 with 5 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 40 sks cmt from 2283 ft. to 1939 ft. Plug Type: STUB PLUG 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 _____ 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 65 sacks half in. half out surface casing from 155 ft. to 4 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: 68 ft. of 5+1/2 inch casing Plugging Date: 03/18/2013
*Wireline Contractor: Western Wellsite Services *Cementing Contractor: Western Well Site Services
Type of Cement and Additives Used: Class G Neat
Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: _____ Print Name: Janice Aldstadt
Title: Landman Date: _____ Email: jaldstadt@blackravenenergy.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:

Attachment Check List

Att Doc Num	Name
400442777	WELLBORE DIAGRAM
400442781	OPERATIONS SUMMARY
400442786	WIRELINE JOB SUMMARY
400442788	CEMENT BOND LOG

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)