

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



DE ET OE ES

Document Number:

400442756

Date Received:

07/03/2013

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: 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 Name: CRONE, B F

Well Number: 4

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	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	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. 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 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: 2233 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:

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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: 7/3/2013

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: MOOS, JUSTIN

Date: 12/23/2013

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400442756	FORM 6 SUBSEQUENT SUBMITTED
400442777	WELLBORE DIAGRAM
400442781	OPERATIONS SUMMARY
400442786	WIRELINE JOB SUMMARY
400442788	CEMENT BOND LOG

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Changed amount of casing recovered to 2233'.	12/23/2013 5:27:03 PM
Engineer	Contacted Operator to verify amount of casing recovered.	12/18/2013 4:24:30 PM

Total: 2 comment(s)