

FORM  
6Rev  
12/05State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Date Received:

Document Number:

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## 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: Madeleine Lariviere

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: mlariviere@blackravenenergy.com

24 hour notice required, contact:

Name:

Tel:

Email:

API Number 05-095-06234-00

Well Name: CROWDER

Well Number: 843-7-12

Location: QtrQtr: SWNW Section: 7 Township: 8N Range: 43W Meridian: 6

County: PHILLIPS

Federal, Indian or State Lease Number:

Field Name: UNNAMED

Field Number: 85251

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.681881

Longitude: -102.199111

GPS Data:

Data of Measurement: 02/09/2011

PDOP Reading: 2.6

GPS Instrument Operator's Name: Bob McCormick

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No

Top of Casing Cement:

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
SHARON SPRINGS	SHSP	2387	2422			
NIOBRARA	NBRR	2437	2487	01/13/2011	BRIDGE PLUG	4

Total: 2 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	9+5/8	7+0/2	17#	463	120	463	0	

## 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	35	sks cmt from	2390	ft. to	2190	ft. in	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	35	sks cmt from	563	ft. to	387	ft. in	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	10	sks cmt from	60	ft. to	4	ft. in	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set		sks cmt from		ft. to		ft. in	Plug Type:		Plug Tagged:	<input type="checkbox"/>
Set		sks cmt from		ft. to		ft. in	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 \_\_\_\_\_ 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: 01/13/2011

\*Wireline Contractor: J-W Wrielinee

\*Cementing Contractor: Advanced Drilling Technologies

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

\*ATTACH JOB SUMMARY

Provide Technical Detail:

We do not use rat or mouse holes on our wells because we use coiled tubing units. for this well, we cap off the well at four feet below ground level and seal with cement. Hole was drilled to 2680'.  
Under casing history, we used 7" casing. The form would not allow an input of "0" in the denominator of the casing.

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

Signed: \_\_\_\_\_

Print Name: Madeleine lariviere

Title: Office Manager

Date: \_\_\_\_\_

Email: mlariviere@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

Total Attach: 0 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)