

FORM  
5Rev  
02/08State of Colorado  
Oil and Gas Conservation Commission

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



DE ET OE ES

Document Number:

400168554

## DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 10203

2. Name of Operator: BLACK RAVEN ENERGY INC

3. Address: 1331 17TH STREET - #350

City: DENVER State: CO Zip: 80202

4. Contact Name: Madeleine Lariviere

Phone: (303) 308-1330

Fax: (303) 308-1590

5. API Number 05-095-06234-00

6. County: PHILLIPS

7. Well Name: CROWDER

Well Number: 843-7-12

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

Footage at surface: Distance: 1545 feet Direction: FNL Distance: 1100 feet Direction: FWL

As Drilled Latitude: 40.681881 As Drilled Longitude: -102.199111

GPS Data:

Data of Measurement: 02/19/2011 PDOP Reading: 3.1 GPS Instrument Operator's Name: Bob McCormick

\*\* If directional footage

at Top of Prod. Zone Distance: feet Direction: Distance: feet Direction:

Sec: Twp: Rng:

at Bottom Hole Distance: feet Direction: Distance: feet Direction:

Sec: Twp: Rng:

9. Field Name: UNNAMED

10. Field Number: 85251

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 01/08/2011 13. Date TD: 01/11/2011 14. Date Casing Set or D&amp;A: 01/12/2011

15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 2680 TVD 17 Plug Back Total Depth MD TVD

18. Elevations GR 3711 KB 3723

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

Gamma Ray, Compensated Density and Neutron Gamma Ray, Dual Induction Guard Log, Compensated Density and Neutron Dual Induction

20. Casing, Liner and Cement:

## CASING

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	9+7/8	7+0/0	17#	0	463	180	0	463	

## ADDITIONAL CEMENT

Cement work date:

Details of work:

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom

21. Formation log intervals and test zones:

### FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
SHARON SPRINGS	2,387	2,422	<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	2,497	2,487	<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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 Drilling Completion Report (Form 5) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

### Attachment Check List

Att Doc Num	Name
400168555	LAS-CEMENT BOND
400168704	IND-DENS-NEU
400168726	TIF-DUAL INDUCTION
400168765	TIF-GAMMA RAY

Total Attach: 4 Files

### General Comments

User Group      Comment      Comment Date

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Total: 0 comment(s)