

**FORM  
5**Rev  
02/08**State 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:

400166496

**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 4. Contact Name: Madeleine Lariviere  
2. Name of Operator: BLACK RAVEN ENERGY INC Phone: (303) 308-1330  
3. Address: 1331 17TH STREET - #350 Fax: (303) 308-1590  
City: DENVER State: CO Zip: 80202

5. API Number 05-095-06292-00 6. County: PHILLIPS  
7. Well Name: Dirks Well Number: 844-1-11-L5  
8. Location: QtrQtr: Lot 5 Section: 1 Township: 8N Range: 44W Meridian: 6  
Footage at surface: Distance: 2647 feet Direction: FNL Distance: 605 feet Direction: FWL  
As Drilled Latitude: \_\_\_\_\_ As Drilled Longitude: \_\_\_\_\_

## GPS Data:

Data of Measurement: \_\_\_\_\_ PDOP Reading: \_\_\_\_\_ GPS Instrument Operator's Name: \_\_\_\_\_

\*\* If directional footage at Top of Prod. Zone Dist.: \_\_\_\_\_ feet. Direction: \_\_\_\_\_ Dist.: \_\_\_\_\_ feet. Direction: \_\_\_\_\_

Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

\*\* If directional footage at Bottom Hole Dist.: \_\_\_\_\_ feet. Direction: \_\_\_\_\_ Dist.: \_\_\_\_\_ feet. Direction: \_\_\_\_\_

Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

9. Field Name: AMHERST 10. Field Number: 2480

11. Federal, Indian or State Lease Number: \_\_\_\_\_

12. Spud Date: (when the 1st bit hit the dirt) 01/07/2011 13. Date TD: 01/08/2011 14. Date Casing Set or D&A: 01/08/2011

## 15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation16. Total Depth MD 2710 TVD\*\* \_\_\_\_\_ 17 Plug Back Total Depth MD 2649 TVD\*\* \_\_\_\_\_18. Elevations GR 3730 KB 3742

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, CBL

## 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	462	120	0	462	CALC
1ST	6+1/4	4+1/2	11.6#	0	2,690	90	1,600	2,670	CBL

**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	2,399	2,429	<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	2,445	2,484	<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: 6/2/2011 Email: mlariviere@blackravenenergy.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
	CMT Summary *	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Directional Survey **	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	DST Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Logs	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
400166496	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400166701	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400166715	IND-DENSITY/NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400166922	TIF-DUAL INDUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400168321	TIF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400171136	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date
Permit	hard copy cbl doc# 2201959, requesting it be scanned to correct api#	8/2/2011 10:58:18 AM
Permit	REC CMT TKT DOC# 2072533, WAITING ON LOGS	7/28/2011 8:02:34 AM
Permit	REQ CMT TKTS, HARD COPY CBL AND NEW AS DRILLED-REPORTED AS DRILLED WAS 295' FROM PERMITTED LOC	7/19/2011 1:05:56 PM

Total: 3 comment(s)