

FORM
5Rev
02/08

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:

2237991

Date Received:

08/24/2012

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) 308-1330X106

3. Address: 1331 17TH STREET - #350

Fax: (303) 308-1590

City: DENVER State: CO Zip: 80202

5. API Number 05-095-06434-00

6. County: PHILLIPS

7. Well Name: STATE

Well Number: 843-16-14

8. Location: QtrQtr: SWSW Section: 16 Township: 8N Range: 43W Meridian: 6

Footage at surface: Distance: 871 feet Direction: FSL Distance: 439 feet Direction: FWL

As Drilled Latitude: 40.659944 As Drilled Longitude: -102.162861

GPS Data:

Data of Measurement: 04/14/2012 PDOP Reading: 1.9 GPS Instrument Operator's Name: BOB MCCORMICK

** 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: 7496

12. Spud Date: (when the 1st bit hit the dirt) 03/15/2012 13. Date TD: 03/16/2012 14. Date Casing Set or D&A: 03/16/2012

15. Well Classification:

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

16. Total Depth MD 2675 TVD** 17 Plug Back Total Depth MD TVD**

18. Elevations GR 3677 KB 3689

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 DI

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	475	103	0	481	CALC
OPEN HOLE	6+1/8				2,675				

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____					
Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
Details of work:					

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	2,362	2,393	<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	2,409	2,445	<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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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: MADELEINE LARIVIERE

Title: OFFICE MANAGER Date: 7/24/2012 Email: MLARIVIERE@BLACKRAVENENERGY.COM

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
2518609	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input 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 type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
2237991	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Permit	Attached provided cement job summary	9/30/2013 2:19:09 PM
Permit	Requested surface casing cement ticket.	9/30/2013 11:37:31 AM
Permit	Form 6's # 2233827 & 2237986	3/12/2013 10:35:13 AM

Total: 3 comment(s)