

**FORM
5**Rev
09/14**State of Colorado
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400960228

Date Received:

02/16/2016

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 10203

Contact Name: David Kunovic

Name of Operator: BLACK RAVEN ENERGY INC

Phone: (303) 308-1330

Address: 165 S UNION BLVD SUITE 410

Fax: (303) 308-1590

City: LAKEWOOD State: CO Zip: 80228

API Number 05-115-06111-00

County: SEDGWICK

Well Name: LAST WOMAN STANDING

Well Number: 943-15-24-D

Location: QtrQtr: SESW Section: 15 Township: 9N Range: 43W Meridian: 6

Footage at surface: Distance: 600 feet Direction: FSL Distance: 1575 feet Direction: FWL

As Drilled Latitude: 40.751024 As Drilled Longitude: -102.126548

GPS Data:

Date of Measurement: 01/14/2016 PDOP Reading: 1.7 GPS Instrument Operator's Name: Billy Hataway

** 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:

Field Name: AMHERST

Field Number: 2480

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 10/28/2015 Date TD: 11/05/2015 Date Casing Set or D&A: 10/29/2015

Rig Release Date: 11/07/2015 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 5726 TVD** Plug Back Total Depth MD TVD**

Elevations GR 3642 KB 3654 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

Dual Induction Log, Compensated Density/Neutron PE Log, Sonic Log, Micro Log

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	12+1/4	8+5/8	24	0	601	425	0	601	VISU
OPEN HOLE	7+7/8			601	5,726				

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:

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
NIOBRARA	2,430				
FORT HAYS	2,737				
CARLILE	2,826				
GREENHORN	2,948				
D SAND	3,164				
J SAND	3,251				
SKULL CREEK	3,368				
DAKOTA	3,476				
LAKOTA	3,640				
MORRISON	3,816				
BLAINE	3,966				
STONE CORRAL	4,196				
WOLFCAMP	4,439		YES		
ADMIRE	4,775				
TOPEKA	4,926				
LANSING-KANSAS CITY	5,054		YES		
MARMATON-FORT SCOTT	5,308				
CHEROKEE	5,451				

Operator Comments

The Last Woman Standing #943-15-24-D has been plugged per the plugging orders on the APD but the surface restoration is not complete. Waiting on drilling pit evaporation and reclamation including cutting surface casing and weld cap. A final Form 5 and a Form 6 will be submitted when the surface location has been fully reclaimed.

1/26/2017 Comments: The Last Woman Standing 943-15-24-D has been plugged per the plugging orders on the APD. The surface restoration was completed on 10/28/16.

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

Signed: _____

Print Name: David Kunovic

Title: EVP Exploration

Date: 2/16/2016

Email: dkunovic@enerjexresources.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401194390	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"/>
401194595	DST Analysis	Yes <input checked="" type="checkbox"/>	No <input 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>			
400960228	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400960518	DUAL INDUCTION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400960519	MICROLOG	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400960520	DENSITY/NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400960521	SONIC	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400960522	COMPOSITE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401194038	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401194039	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	<ul style="list-style-type: none"> • "Date Casing Set" of 10/29/2015 added as per surface casing setting; only surface casing set. • TD corrected from 5729' to 5726' as per Mug log; 5729' is logger depth. • Added "Open-Hole" line to "Casing" tab. • Changed status from "XX" to "WO" in well update; Form 6S currently in process. 	03/06/2017
Permit	Operator submitted surface csg. summary and form changed from preliminary to final Form 5.	01/30/2017
Permit	Should surface csg. summary be attached? Can form be changed from preliminary to final Form 5?	02/16/2016

Total: 3 comment(s)