

FORM
5Rev
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:

400793700

Date Received:

02/17/2015

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: Billy Hataway

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 05-087-05235-00

County: MORGAN

Well Name: CLAR, L

Well Number: 1

Location: QtrQtr: NENW Section: 24 Township: 1N Range: 58W Meridian: 6

Footage at surface: Distance: 990 feet Direction: FNL Distance: 2310 feet Direction: FWL

As Drilled Latitude: 40.041602 As Drilled Longitude: -103.821856

GPS Data:

Date of Measurement: 09/30/2011 PDOP Reading: 4.7 GPS Instrument Operator's Name: Theresa McCollom

** 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: ADENA

Field Number: 700

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 10/26/1953 Date TD: 11/07/1953 Date Casing Set or D&A:

Rig Release Date: 11/10/1953 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 5870 TVD** Plug Back Total Depth MD 5865 TVD**

Elevations GR 4601 KB 4611 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

CCL/CBL

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		8+5/8	28	0	127	100		127	
1ST		5+1/2	15.5	0	5,865	250	4,454	5,865	CBL
2ND	4+19/20	4+1/2	11.6	0	5,608	165	0	5,608	CBL

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:

Ran 4.5 to 11.6# liner with collar turned to 4.825OD to 5608ft KB and continued to surface with 165 sacks of portland cement.

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	

Operator Comments

CBL - 7/11/14: 5649 to 5658 (Submitted with Form 4)
WBD also submitted with Form 4.

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

Signed: _____ Print Name: Billy Hataway

Title: Operations Manager Date: 2/17/2015 Email: bhataway@enerjexresources.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>					
400793700	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400878733	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	B.Hataway called and he believes the cement is all the way to surface on the 4.5". The interval showing better bond at 1170'-1400' on the 4.5" CBL reflects the cement behind the 5.5" that resulted from squeezing the holes in 5.5" casing. They pumped cement down the annulus between 4.5" and 5.5" casings until they had returns equal to the annular volume. The cement sx and bbls is correct. It was mixed thin due to extremely tight clearance between the 2 casing strings. They tagged cement in the casing at 5187' prior to drill out.	3/4/2015 9:13:48 AM
Engineer	Received CBL dated 7/11/14 for the 5.5" casing from B.Hataway. 7/15/14 CBL for the 4.5" casing already on file. Cement Job Summary #400877538 attached to Form 5A #400758163 Yetter job summary dated 7/14/14 pg 7/19 indicates partial returns during job. It says they "mix 47 bbls slurry 165 sks cement". Contact B.Hataway regarding the cement qty #sx & volume bbls and TOC on the 4.5".	3/3/2015 3:35:53 PM
Engineer	B.Hataway and JanW. called and will send me the CBL for 5-1/2" dated 7/11/14. He said they cemented from top down, ie. down annulus, up casing.	8/3/2015 11:28:18 AM
Engineer	Requested information: The 7/15/14 CBL on the 4.5" liner. The TOC on the 4.5" liner is not indicated on the form. CBL indicates cement from 1170'-1400' and 4456' down. The CBL run 7/11/14 on the 5.5" is needed.	2/18/2015 5:48:26 PM

Total: 4 comment(s)