

FORM
5A

Rev
06/12

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:

400758163

Date Received:

08/03/2015

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 10203

2. Name of Operator: BLACK RAVEN ENERGY INC

3. Address: 165 S UNION BLVD SUITE 410

City: LAKEWOOD State: CO Zip: 80228

4. Contact Name: Jan Warusavitharana

Phone: (303) 308-1330

Fax: (303) 308-1590

Email: jwar@enerjexresources.com

5. API Number 05-087-05235-00

7. Well Name: CLAR, L

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

9. Field Name: ADENA Field Code: 700

6. County: MORGAN

Well Number: 1

Completed Interval

FORMATION: D SAND

Status: SHUT IN

Treatment Type: ACID JOB

Treatment Date: 07/19/2014

End Date: 07/19/2014

Date of First Production this formation:

Perforations Top: 5654

Bottom: 5662

No. Holes: 48

Hole size: 0.43

Provide a brief summary of the formation treatment:

Open Hole: ☐

This well was a shut-in D Sand producer. During reactivation process encountered casing leak. Ran CBL on 7/11/14 in 5 1/2" csg. TOC at 4454'. Pumped 600 # frac sand and dumped 1 sack cement at 5620' (32 ft above D sand perfs). Ran new 4 1/2" casing to 5608 ft. (46 ft. above perfs). Cemented with 165 sacks. Drilled out cement plug and sand. Ran CBL #2 in 4 1/2" liner on 7/15/14. Ran successful MIT well on 7/16/14. Re-perfed D sand 5654-62' with 6 spf. Acidized 7/19/14 with 2000 gal 10% acetic acid. Run rods, tubing, pump - set pump jack and returned to production

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 70

Max pressure during treatment (psi): 1811

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.38

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.43

Total acid used in treatment (bbl): 48

Number of staged intervals: 1

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 70

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production:

Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

** Bridge Plug Depth:

** Sacks cement on top:

** Wireline and Cement Job Summary must be attached.

Comment:

This well was a shut-in D Sand producer. During reactivation process encountered casing leak. Ran CBL on 7/11/14 in 5 1/2" csg. TOC at 4454'. Pumped 600 # frac sand and dumped 1 sack cement at 5620' (32 ft above D sand perfs). Ran new 4 1/2" casing to 5608 ft. (46 ft. above perfs). Cemented with 165 sacks. Drilled out cement plug and sand. Ran CBL #2 in 4 1/2" liner on 7/15/14. Ran successful MIT well on 7/16/14. Re-perfed D sand 5654-62' with 6 spf. Acidized 7/19/14 with 2000 gal 10% acetic acid. Run rods, tubing, pump - set pump jack and returned to production

2 wireline tickets are attached. One that has yellow highlights have the wrong depths, while the other one has the correct depths.

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

Signed: Print Name: Jan Warusavitharana

Title: Geological Technician

Date: 8/3/2015

Email: jwar@enerjexresources.com

:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400758163	FORM 5A SUBMITTED
400877531	OTHER
400877532	WIRELINE JOB SUMMARY
400877534	WIRELINE JOB SUMMARY
400877537	WIRELINE JOB SUMMARY
400877538	CEMENT JOB SUMMARY
400884133	WIRELINE JOB SUMMARY
400884136	WIRELINE JOB SUMMARY
400884146	OTHER
400884152	OTHER
400884154	OTHER
400884155	CEMENT JOB SUMMARY

Total Attach: 12 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft per the operator.	8/10/2015 12:09:01 PM
Permit	Requested information regarding the perf interval, fluids breakdown and green completion from the operator.	3/7/2015 1:28:04 PM

Total: 2 comment(s)