

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



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Document Number:

400764418

Date Received:

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) 308-1331

Fax: (303) 308-1590

Email: jwar@enerjexresources.com

5. API Number 05-087-05395-00

7. Well Name: HOUGH, R M

8. Location: QtrQtr: NWNW Section: 7 Township: 1N Range: 57W Meridian: 6

9. Field Name: ADENA Field Code: 700

6. County: MORGAN

Well Number: B-1

Completed Interval

FORMATION: J SAND

Status: PRODUCING

Treatment Type: ACID JOB

Treatment Date: 05/21/2014

End Date: 05/21/2014

Date of First Production this formation:

Perforations Top: 5604

Bottom: 5637

No. Holes: 176

Hole size: 0.4

Provide a brief summary of the formation treatment:

Open Hole: ☐

This well was a shut-in J Sand producer in the Adena J Sand Unit. A new CBL was run. The well was successfully MIT on 5/15/14. The well was reperfed (5606-5634) and acidized with 1000 gal 7 1/2% HCL, 1000 gal of 10% acetic acid. Packer set at 5595. The well was returned to producing status 7/7/14.

CBL log attached.

This formation is commingled with another formation:

☐ Yes☒ No

Total fluid used in treatment (bbl): 86

Max pressure during treatment (psi): 2717

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): 86

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:

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CBL log attached.

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:

Email: jwar@enerjexresources.com

Attachment Check List

Att Doc Num

Name

400764432	CEMENT JOB SUMMARY
400764433	WELLBORE DIAGRAM
400879184	WIRELINE JOB SUMMARY
400879190	OTHER

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)