

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:

400371083

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: 1331 17TH STREET - #350
City: DENVER State: CO Zip: 80202
4. Contact Name: Scott Ritger
Phone: (303) 887-9266
Fax: (303) 308-1590

5. API Number 05-087-05377-00
6. County: MORGAN
7. Well Name: HOUGH, R.M.
Well Number: B-4
8. Location: QtrQtr: SWNE Section: 7 Township: 1N Range: 57W Meridian: 6
9. Field Name: ADENA Field Code: 700

Completed Interval

FORMATION: J SAND Status: PRODUCING Treatment Type:
Treatment Date: End Date: Date of First Production this formation: 03/01/2012
Perforations Top: 5554 Bottom: 5562 No. Holes: 48 Hole size: 42/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

Set a CIBP at 5595' over the existing perforations (5566-5584'). Perforated from 5554 to 5562'. Swab tested new perfs and put well on production.

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl):

Max pressure during treatment (psi):

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Min frac gradient (psi/ft):

Total acid used in treatment (bbl):

Number of staged intervals:

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback:

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: 10/21/2011 Hours: 8 Bbl oil: 5 Mcf Gas: 0 Bbl H2O: 23
Calculated 24 hour rate: Bbl oil: 15 Mcf Gas: 0 Bbl H2O: 69 GOR: 0
Test Method: Swabbing Casing PSI: Tubing PSI: Choke Size:
Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 42
Tubing Size: 2 + 3/8 Tubing Setting Depth: 5550 Tbg setting date: 10/19/2011 Packer Depth: 5512

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

Signed: _____ Print Name: Scott Ritger

Title: Geologist Date: _____ Email: sritger@ticdenver.com
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Attachment Check List

Att Doc Num	Name
400371086	WIRELINE JOB SUMMARY

Total Attach: 1 Files

General Comments

User Group Comment Comment Date

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Total: 0 comment(s)