

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:

400371361

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 05-087-05391-00
6. County: MORGAN
7. Well Name: HOUGH
Well Number: B-6
8. Location: QtrQtr: NENE Section: 7 Township: 1N Range: 57W Meridian: 6
9. Field Name: ADENA Field Code: 700

Completed Interval

FORMATION: D SAND Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/09/2012 End Date: 05/09/2012 Date of First Production this formation: 05/14/2012

Perforations Top: 5472 Bottom: 5490 No. Holes: 90 Hole size: 41/100

Provide a brief summary of the formation treatment: Open Hole: ☐

Fracture stimulated the existing completion with 420 bbls of cross-linked gel, 14,000# of 20/40 sand and 2,980# of 16/30 Interprop.

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

Total fluid used in treatment (bbl): 420 Max pressure during treatment (psi): 3216

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): 420

Fresh water used in treatment (bbl): 420 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 16980 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PRESSURE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/16/2012 Hours: 24 Bbl oil: 30 Mcf Gas: 275 Bbl H2O: 30

Calculated 24 hour rate: Bbl oil: 30 Mcf Gas: 275 Bbl H2O: 30 GOR: 9200

Test Method: Flowing Casing PSI: Tubing PSI: 375 Choke Size: 11/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1150 API Gravity Oil: 40

Tubing Size: 2 + 7/8 Tubing Setting Depth: 5445 Tbg setting date: 05/08/2012 Packer Depth: 5445

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:

Existing perforations were fracture stimulated to improve production. No changes to wellbore.

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
:

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)