

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:

400226268

Date Received:

01/21/2013

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
Email: sritger@ticdenver.com

5. API Number 05-087-05461-00
6. County: MORGAN
7. Well Name: DAVIS, R.Y.
Well Number: 2
8. Location: QtrQtr: NENE Section: 6 Township: 1N Range: 57W Meridian: 6
9. Field Name: ADENA Field Code: 700

Completed Interval

FORMATION: D SAND Status: TEMPORARILY ABANDONED Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/14/2011 End Date: 10/14/2011 Date of First Production this formation:
Perforations Top: 5524 Bottom: 5538 No. Holes: 84 Hole size: 42/100

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

Stimulated with 10,340# of 20/40 sand and 3000# of 16/30 high strength proppant using 380 Bbls of 7% KCl cross-linked gel.

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

Total fluid used in treatment (bbl): 380 Max pressure during treatment (psi): 4329

Total gas used in treatment (mcf): 0 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): 380

Fresh water used in treatment (bbl): 380 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 13340 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/25/2011 Hours: 9 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 98

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 260 GOR: 0

Test Method: Swabbing Casing PSI: 0 Tubing PSI: 20 Choke Size:

Gas Disposition: Gas Type: Btu Gas: 1000 API Gravity Oil: 42

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5503 Tbg setting date: 09/27/2011 Packer Depth: 5471

Reason for Non-Production: Well was swabbed after completion of frac. After 100% of frac fluid was recovered by swabbing the well was making an uneconomic oil cut.

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.

FORMATION: J SAND Status: ABANDONED WELLBORE/COMPLETION Treatment Type: _____
Treatment Date: _____ End Date: _____ Date of First Production this formation: _____
Perforations Top: 5584 Bottom: 5603 No. Holes: 76 Hole size: 0
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

No treatment of the J sand. CIBP and 2 sacks of cement set over the J sand to prepare for a D sand recompletion.
No production equipment set.

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: _____ 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: No longer economic.

Date formation Abandoned: 09/27/2011 Squeeze: ☐ Yes ☒ No If yes, number of sacks cmt _____

** Bridge Plug Depth: 5557 ** Sacks cement on top: 2 ** Wireline and Cement Job Summary must be attached.

Comment:

This D sand recompletion is temporarily abandoned (production equipment has not been set) pending additional work on offset wells.

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

Signed: _____ Print Name: Scott D Ritger
Title: Geologist Date: 1/21/2013 Email: sritger@ticdenver.com

Attachment Check List

Att Doc Num **Name**

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|-----------|----------------------|
| 400226268 | FORM 5A SUBMITTED |
| 400371275 | WIRELINE JOB SUMMARY |

Total Attach: 2 Files

General Comments

User Group **Comment** **Comment Date**

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Total: 0 comment(s)