

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:

400472807

Date Received:

08/27/2013

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: 200149  
2. Name of Operator: ATLAS RESOURCES LLC DBA ATLAS ROCKIES  
3. Address: 3500 MASSILLON ROAD #100  
City: UNIONTOWN State: OH Zip: 44685  
4. Contact Name: Madeleine Lariviere  
Phone: (303) 308-1330  
Fax: (303) 308-1590

5. API Number 05-095-06320-00  
6. County: PHILLIPS  
7. Well Name: Dirks  
Well Number: 844-1-11-L4  
8. Location: QtrQtr: Lot 4 Section: 1 Township: 8N Range: 44W Meridian: 6  
9. Field Name: AMHERST Field Code: 2480

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/17/2011 End Date: 11/17/2011 Date of First Production this formation: 01/03/2012

Perforations Top: 2455 Bottom: 2470 No. Holes: 90 Hole size: 6 + 1/4

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

Hold safety & pre job meetings.  
Breakdown @ 1229 psi.  
Total 50,020# 16/30 Daniels sand.  
Total 50,340# 12/20 Texas Gold sand.  
59.57 tons CO<sub>2</sub>,  
ISIP 629 5 min. 641 psi, 10 min. 682 psi, 15 min. 644 psi.  
Max rate 14.1 bpm, Avg rate 7.5 bpm  
Max psi 1230, Avg psi 662  
553 bbls wtr to recover.

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

Total fluid used in treatment (bbl): 553

Max pressure during treatment (psi): 1230

Total gas used in treatment (mcf): 1024

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: CARBON DIOXIDE

Min frac gradient (psi/ft):

Total acid used in treatment (bbl):

Number of staged intervals: 1

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback:

Total proppant used (lbs): 100360

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: 02/26/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 8 Bbl H<sub>2</sub>O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 8 Bbl H<sub>2</sub>O: 0 GOR: 0

Test Method: Flow Test Casing PSI: 320 Tubing PSI: 0 Choke Size: 0

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 966 API Gravity Oil: 0

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:

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

Signed: Print Name: Billy Hataway  
Title: Dir. Field Oper. Date: 8/27/2013 Email: bhataway@blackravenenergy.com

### Attachment Check List

Att Doc Num	Name
400472807	FORM 5A SUBMITTED

Total Attach: 1 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Submitter changed to agent for Atlas. Operator on form changed to Atlas to match change of operator form 10.	9/30/2013 7:38:05 AM

Total: 1 comment(s)