

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:

400514923

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: 10084  
2. Name of Operator: PIONEER NATURAL RESOURCES USA INC  
3. Address: 1401 17TH ST STE 1200  
City: DENVER State: CO Zip: 80202  
4. Contact Name: Judy Glinisty  
Phone: (303) 675-2658  
Fax: (303) 294-1275

5. API Number 05-071-09367-00  
6. County: LAS ANIMAS  
7. Well Name: KEY LARGO  
Well Number: 41-30  
8. Location: QtrQtr: NENE Section: 30 Township: 32S Range: 67W Meridian: 6  
9. Field Name: PURGATOIRE RIVER Field Code: 70830

Completed Interval

FORMATION: RATON-VERMEJO COALS Status: PRODUCING Treatment Type:  
Treatment Date: End Date: Date of First Production this formation: 10/01/2007  
Perforations Top: 966 Bottom: 2732 No. Holes: 396 Hole size: 0.48  
Provide a brief summary of the formation treatment: Open Hole: ☐  
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: 10/20/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 34 Bbl H2O: 36  
Calculated 24 hour rate: Bbl oil: Mcf Gas: 34 Bbl H2O: 36 GOR: 0  
Test Method: Pumping Casing PSI: 86 Tubing PSI: 0 Choke Size: 64/64  
Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1004 API Gravity Oil: 0  
Tubing Size: 2 + 7/8 Tubing Setting Depth: 2780 Tbg setting date: 10/17/2013 Packer Depth: 0  
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.

FORMATION: RATON COAL Status: PRODUCING Treatment Type: FRACTURE STIMULATION  
Treatment Date: 10/08/2013 End Date: 10/10/2013 Date of First Production this formation: 10/01/2007  
Perforations Top: 966 Bottom: 2200 No. Holes: 296 Hole size: 0.48

Provide a brief summary of the formation treatment:

Open Hole: ☐

Fraced intervals at 966' - 970' , 1206' - 1212' , 1250' - 1254' , 1349' - 1361' , 1374' - 1379' , 1572' - 1577' , 1583' - 1586' , 1648' - 1658' , 1677' - 1683' , 1719' - 1722' , 1753' - 1759' , 1885' - 1889'. 16/30 - 474,189# - N2 - 3,495,215 hscf - no acid.

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

Total fluid used in treatment (bbl): 2214

Max pressure during treatment (psi): 4700

Total gas used in treatment (mcf): 213495

Fluid density at initial fracture (lbs/gal): 8.35

Type of gas used in treatment: NITROGEN

Min frac gradient (psi/ft): 0.64

Total acid used in treatment (bbl): 0

Number of staged intervals: 11

Recycled water used in treatment (bbl): 2214

Flowback volume recovered (bbl): 532

Fresh water used in treatment (bbl): 0

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 474189

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on [FracFocus.org](http://FracFocus.org)**

#### Test Information:

Date: 10/20/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 34 Bbl H2O: 36  
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 34 Bbl H2O: 36 GOR: 0  
Test Method: Pumping Casing PSI: 86 Tubing PSI: 0 Choke Size: 64/64  
Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1004 API Gravity Oil: 0  
Tubing Size: 2 + 7/8 Tubing Setting Depth: 2780 Tbg setting date: 10/17/2013 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: Judy Glinisty  
Title: Lead Engineering Tech Date: \_\_\_\_\_ Email: Judy.Glinisty@pxd.com

### Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)