

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:

400610029

Date Received:

05/19/2014

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  
Email: Judy.Glinisty@pxd.com

5. API Number 05-071-09814-00  
6. County: LAS ANIMAS  
7. Well Name: DJEMBE  
Well Number: 21-12  
8. Location: QtrQtr: NENW Section: 12 Township: 33S Range: 68W 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: 05/05/2014  
Perforations Top: 695 Bottom: 2097 No. Holes: 220 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: 05/08/2014 Hours: 24 Bbl oil: 0 Mcf Gas: 30 Bbl H2O: 222  
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 30 Bbl H2O: 222 GOR: 0  
Test Method: Pumping Casing PSI: 32 Tubing PSI: 0 Choke Size: 16/64  
Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1004 API Gravity Oil: 0  
Tubing Size: 2 + 7/8 Tubing Setting Depth: 2151 Tbg setting date: 05/03/2014 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: <u>RATON COAL</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>04/16/2014</u>		End Date: <u>04/21/2014</u>		Date of First Production this formation: <u>05/05/2014</u>	
Perforations	Top: <u>695</u>	Bottom: <u>1145</u>	No. Holes: <u>132</u>	Hole size: <u>0.48</u>	

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

Fraced intervals at 695' - 703' , 872' - 875' , 879' - 882' , 1004' - 1017' , 1060' - 1063' , 1142' - 1145'.

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

Total fluid used in treatment (bbl): <u>1170</u>	Max pressure during treatment (psi): <u>4980</u>
Total gas used in treatment (mcf): <u>1690</u>	Fluid density at initial fracture (lbs/gal): <u>8.35</u>
Type of gas used in treatment: <u>NITROGEN</u>	Min frac gradient (psi/ft): <u>0.94</u>
Total acid used in treatment (bbl): <u>2</u>	Number of staged intervals: <u>5</u>
Recycled water used in treatment (bbl): <u>1170</u>	Flowback volume recovered (bbl): <u>0</u>
Fresh water used in treatment (bbl): <u>0</u>	Disposition method for flowback: _____
Total proppant used (lbs): <u>210875</u>	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

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: <u>2 + 7/8</u>	Tubing Setting Depth: <u>2151</u>	Tbg setting date: <u>05/03/2014</u>	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.

FORMATION: VERMEJO COAL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/03/2011 End Date: 10/08/2011 Date of First Production this formation: 10/08/2011

Perforations Top: 1828 Bottom: 2097 No. Holes: 88 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: 10/11/2011 Hours: 24 Bbl oil: 0 Mcf Gas: 14 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 14 Bbl H2O: 0 GOR: 0

Test Method: Pumping Casing PSI: 24 Tubing PSI: 0 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1004 API Gravity Oil: 0

Tubing Size: 2 + 7/8 Tubing Setting Depth: 2150 Tbg setting date: 10/07/2011 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: 5/19/2014 Email: Judy.Glinisty@pxd.com

**Attachment Check List**

Att Doc Num	Name
400610029	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)