

FORM  
5ARev  
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:

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

5. API Number 05-071-06886-00 6. County: LAS ANIMAS  
 7. Well Name: CHARLIE Well Number: 43-11  
 8. Location: QtrQtr: NESE Section: 11 Township: 32S Range: 66W 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: 07/04/2014  
 Perforations Top: 740 Bottom: 2126 No. Holes: 380 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: 07/10/2014 Hours: 24 Bbl oil: 0 Mcf Gas: 48 Bbl H2O: 88  
 Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 48 Bbl H2O: 88 GOR: 0  
 Test Method: Pumping Casing PSI: 16 Tubing PSI: 0 Choke Size: 17/64  
 Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1005 API Gravity Oil: 0  
 Tubing Size: 2 + 7/8 Tubing Setting Depth: 2220 Tbg setting date: 07/03/2014 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>06/26/2014</u>		End Date: <u>06/27/2014</u>		Date of First Production this formation: <u>07/04/2014</u>	
Perforations	Top: <u>740</u>	Bottom: <u>1542</u>	No. Holes: <u>252</u>	Hole size: <u>0.48</u>	

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

Fraced intervals 740' - 745' , 811' - 814' , 1071' - 1074' , 1154' - 1157' , 1162' - 1165' , 1182' - 1190' , 1192' - 1194' , 1209' - 1212' , 1253' - 1256' , 1270' - 1272' , 1288' - 1292' , 1321' - 1324' , 1359' - 1362' , 1395' - 1400' , 1426' - 1433' , 1460' - 1463' , 1539' - 1542'.

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>2367</u>	Max pressure during treatment (psi): <u>4690</u>	
Total gas used in treatment (mcf): <u>2132</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>0.58</u>	
Total acid used in treatment (bbl): <u>4</u>	Number of staged intervals: <u>14</u>	
Recycled water used in treatment (bbl): <u>2367</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>404796</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: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____	

Reason for Non-Production:

Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
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\*\* 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: 01/11/2000 End Date: 01/11/2000 Date of First Production this formation: 07/04/2014

Perforations Top: 1984 Bottom: 2126 No. Holes: 128 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: 02/13/2000 Hours: 24 Bbl oil: 0 Mcf Gas: 170 Bbl H2O: 206

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 170 Bbl H2O: 206 GOR: 0

Test Method: Pumping Casing PSI: 62 Tubing PSI: 0 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1005 API Gravity Oil: 0

Tubing Size: 2 + 7/8 Tubing Setting Depth: 1910 Tbg setting date: 01/16/2000 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**

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