

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



Table with columns DE, ET, OE, ES

Document Number: 400592910 Date Received: 04/21/2014

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, reoperation 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 05-071-07043-00 6. County: LAS ANIMAS 7. Well Name: LOUDERBACK 8. Location: QtrQtr: SWNW Section: 27 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: 04/10/2014 Perforations Top: 550 Bottom: 1970 No. Holes: 280 Hole size: 0.48 Provide a brief summary of the formation treatment: Open Hole: This formation is commingled with another formation: 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: 04/12/2014 Hours: 24 Bbl oil: 0 Mcf Gas: 87 Bbl H2O: 100 Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 87 Bbl H2O: 100 GOR: 0 Test Method: Pumping Casing PSI: 48 Tubing PSI: 0 Choke Size: 18/64 Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1003 API Gravity Oil: 0 Tubing Size: 2 + 7/8 Tubing Setting Depth: 2006 Tbg setting date: 04/07/2014 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: RATON COAL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/26/2014 End Date: 03/27/2014 Date of First Production this formation: 04/10/2014
Perforations Top: 550 Bottom: 1287 No. Holes: 208 Hole size: 0.48

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

Fraced intervals at 550' - 553' , 565' - 568' , 644' - 647' , 662' - 665' , 724' - 727' , 1049' - 1052' , 1099' - 1102' , 1118' - 1123' , 1135' - 1140' , 1144' - 1149' , 1199' - 1206' , 1231' - 1234' , 1249' - 1252' , 1284' - 1287'.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 1754 Max pressure during treatment (psi): 4340

Total gas used in treatment (mcf): 2079 Fluid density at initial fracture (lbs/gal): 8.35

Type of gas used in treatment: NITROGEN Min frac gradient (psi/ft): 0.89

Total acid used in treatment (bbl): 8 Number of staged intervals: 10

Recycled water used in treatment (bbl): 1754 Flowback volume recovered (bbl): 54

Fresh water used in treatment (bbl): 0 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 300086 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: _____

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: 03/26/2001 End Date: 03/26/2001 Date of First Production this formation: 04/01/2001
Perforations Top: 1745 Bottom: 1970 No. Holes: 72 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: 06/10/2001 Hours: 24 Bbl oil: 0 Mcf Gas: 155 Bbl H2O: 31

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 155 Bbl H2O: 31 GOR: 0

Test Method: Pumping Casing PSI: 25 Tubing PSI: 0 Choke Size: 28/64

Gas Disposition: SOLD Gas Type: COAL GAS Btu Gas: 1003 API Gravity Oil: 0

Tubing Size: 2 + 7/8 Tubing Setting Depth: 1991 Tbg setting date: 03/28/2001 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: 4/21/2014 Email: Judy.Glinisty@pxd.com

Attachment Check List

Att Doc Num	Name
400592910	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)