

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:

400564145

Date Received:

02/28/2014

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: 96850
2. Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC
3. Address: 1001 17TH STREET - SUITE #1200
City: DENVER State: CO Zip: 80202
4. Contact Name: GINA RANDOLPH
Phone: (303) 260-4509
Fax: (303) 629-8268
Email: GINA.RANDOLPH@WPXENERGY.COM

5. API Number 05-103-11958-00
6. County: RIO BLANCO
7. Well Name: Federal
Well Number: RGU 23-27-198
8. Location: QtrQtr: LOT6 Section: 27 Township: 1S Range: 98W Meridian: 6
9. Field Name: SULPHUR CREEK Field Code: 80090

Completed Interval

FORMATION: CORCORAN Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/09/2013 End Date: 10/09/2013 Date of First Production this formation: 10/14/2013

Perforations Top: 11142 Bottom: 11428 No. Holes: 35 Hole size: 35/100

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

715 Gals 10% HCL; 208844# 40/70 Sand; 15013# 20/40 Sand; 7882 Bbls Slickwater (Summary)

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

Total fluid used in treatment (bbl): 7899 Max pressure during treatment (psi): 5265

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.43

Type of gas used in treatment: Min frac gradient (psi/ft): 0.64

Total acid used in treatment (bbl): 17 Number of staged intervals: 2

Recycled water used in treatment (bbl): 7882 Flowback volume recovered (bbl): 17624

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

Total proppant used (lbs): 223857 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: <u>SEGO</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>10/09/2013</u>		End Date: <u>10/09/2013</u>		Date of First Production this formation: <u>10/14/2013</u>	
Perforations	Top: <u>11460</u>	Bottom: <u>11773</u>	No. Holes: <u>40</u>	Hole size: <u>35/100</u>	

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

785 Gals 10% HCL; 185137# 40/70 Sand; 13737# 20/40 Sand; 6872 Bbls Slickwater (Summary)

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

Total fluid used in treatment (bbl): <u>6891</u>	Max pressure during treatment (psi): <u>5265</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.43</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.64</u>
Total acid used in treatment (bbl): <u>18</u>	Number of staged intervals: <u>2</u>
Recycled water used in treatment (bbl): <u>6872</u>	Flowback volume recovered (bbl): <u>17624</u>
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>198874</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: ☐ 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>WILLIAMS FORK - CAMEO</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>10/10/2013</u>		End Date: <u>10/11/2013</u>		Date of First Production this formation: <u>10/14/2013</u>	
Perforations	Top: <u>9265</u>	Bottom: <u>10581</u>	No. Holes: <u>140</u>	Hole size: <u>35/100</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
3000 Gals 10% HCL; 560516# 40/70 Sand; 38750# 20/40 Sand; 20368 Bbls Slickwater (Summary)					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>20439</u>			Max pressure during treatment (psi): <u>5265</u>		
Total gas used in treatment (mcf): _____			Fluid density at initial fracture (lbs/gal): <u>8.43</u>		
Type of gas used in treatment: _____			Min frac gradient (psi/ft): <u>0.64</u>		
Total acid used in treatment (bbl): <u>71</u>			Number of staged intervals: <u>6</u>		
Recycled water used in treatment (bbl): <u>20368</u>			Flowback volume recovered (bbl): <u>17624</u>		
Fresh water used in treatment (bbl): _____			Disposition method for flowback: <u>RECYCLE</u>		
Total proppant used (lbs): <u>599266</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					
<u>Test Information:</u>					
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: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____			
** Bridge Plug Depth: _____	** Sacks cement on top: _____	** Wireline and Cement Job Summary must be attached.			

FORMATION: WILLIAMS FORK-ILES Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/09/2013 End Date: 10/11/2013 Date of First Production this formation: 10/14/2013

Perforations Top: 9265 Bottom: 11773 No. Holes: 215 Hole size: 35/100

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

4500 Gals 10% HCL; 954497# 40/70 Sand; 67500# 20/40 Sand; 35123 Bbls Slickwater (Summary)

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

Total fluid used in treatment (bbl): 35230 Max pressure during treatment (psi): 5265

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 8.43

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.64

Total acid used in treatment (bbl): 107 Number of staged intervals: 9

Recycled water used in treatment (bbl): 35123 Flowback volume recovered (bbl): 17624

Fresh water used in treatment (bbl): _____ Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1021997 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 02/22/2014 Hours: 24 Bbl oil: 0 Mcf Gas: 988 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 988 Bbl H2O: 0 GOR: 0

Test Method: FLOWING Casing PSI: 1321 Tubing PSI: 1000 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1077 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 11154 Tbg setting date: 10/14/2013 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:

All flowback water entries are total estimates based on commingled volumes.

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

Signed: _____ Print Name: GINA RANDOLPH

Title: PERMIT TECH II Date: 2/28/2014 Email: GINA.RANDOLPH@WPXENERGY.COM

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400564145	FORM 5A SUBMITTED
400564233	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Passes Permitting: Am accepting top of Sego perfs @11460 despite Form 5 Sego top of 11688'. APD named ILES as one of the Objective Formations and RLNS/COZZ/CORC/SEGO are commonly included in ILES, so 11460 Sego top will be accepted - though possible in Corc. Requested verification of Sego perfs 10/2/14 dhs.	6/24/2014 3:09:50 PM

Total: 1 comment(s)