

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

Treatment Date: 04/16/2018 End Date: 04/30/2018 Date of First Production this formation: 05/05/2018

Perforations Top: 6015 Bottom: 8242 No. Holes: 360 Hole size: 0.37

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

Williams Fork- Iles frac'd with 70,437 bbls Slurry, 110,170 bbls recycled water, 1,272,500 lbs 40/70 sand, 225,000 lbs resin

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 180607 Max pressure during treatment (psi): 6300

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.92

Type of gas used in treatment: Min frac gradient (psi/ft): 0.79

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

Recycled water used in treatment (bbl): 110170 Flowback volume recovered (bbl): 48221

Fresh water used in treatment (bbl): 70437 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1497500 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/22/2018 Hours: 24 Bbl oil: 22 Mcf Gas: 1653 Bbl H2O: 1297

Calculated 24 hour rate: Bbl oil: 22 Mcf Gas: 1653 Bbl H2O: 1297 GOR: 75136

Test Method: Flowing Casing PSI: 725 Tubing PSI: 1400 Choke Size: 36/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1164 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5909 Tbg setting date: 05/04/2018 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: WILLIAMS FORK Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/16/2018 End Date: 04/30/2018 Date of First Production this formation: 05/05/2018

Perforations Top: 6015 Bottom: 8127 No. Holes: 327 Hole size: 0.37

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

Williams Fork treatment was commingled with Iles.

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: _____ 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.

Comment: _____

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

Signed: _____ Print Name: Julie Webb

Title: Sr. Regulatory Analyst Date: _____ Email: jwebb@progressivepcs.net

Attachment Check List

Att Doc Num	Name

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User Group	Comment	Comment Date
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