

FORMATION: BLAINE Status: SHUT IN Treatment Type: ACID JOB

Treatment Date: 04/19/2019 End Date: 04/19/2019 Date of First Production this formation: _____

Perforations Top: 9104 Bottom: 9166 No. Holes: 0 Hole size: 0

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

Mix 523 bbls 15% HCL. Pumping acid down hole 28 BPM, 585 psi. W/ acid on formation still pumping 28 BPM, pressure down to 427 psi. Flush acid w/500 bbls of filtered wtr w/ bio, max pressure 790 psi. ISIP 440, 400 in 5, 362 in 10, 333 in 15. There were NO perforations done - the above intervals are just the injection formation top & bottom.

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.

FORMATION: DENVER BASIN COMBINED DISPOSAL ZONE Status: SHUT IN Treatment Type: ACID JOB

Treatment Date: 04/19/2019 End Date: 04/19/2019 Date of First Production this formation: _____

Perforations Top: 9104 Bottom: 11040 No. Holes: 0 Hole size: 0

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

Mix 523 bbls 15% HCL. Pumping acid down hole 28 BPM, 585 psi. W/ acid on formation still pumping 28 BPM, pressure down to 427 psi. Flush acid w/500 bbls of filtered wtr w/ bio, max pressure 790 psi. ISIP 440, 400 in 5, 362 in 10, 333 in 15. There were NO perforations done - the above intervals are just the injection formation top & bottom.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 1023 Max pressure during treatment (psi): 813

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): 523 Number of staged intervals: _____

Recycled water used in treatment (bbl): 500 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: 5 + 1/2 Tubing Setting Depth: 9120 Tbg setting date: 04/24/2019 Packer Depth: 9120

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: FOUNTAIN Status: SHUT IN Treatment Type: ACID JOB

Treatment Date: 04/19/2019 End Date: 04/19/2019 Date of First Production this formation:

Perforations Top: 9525 Bottom: 10966 No. Holes: 0 Hole size: 0

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

Mix 523 bbls 15% HCL. Pumping acid down hole 28 BPM, 585 psi. W/ acid on formation still pumping 28 BPM, pressure down to 427 psi. Flush acid w/500 bbls of filtered wtr w/ bio, max pressure 790 psi. ISIP 440, 400 in 5, 362 in 10, 333 in 15. There were NO perforations done - the above intervals are just the injection formation top & bottom.

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.

FORMATION: LOWER SATANKA Status: SHUT IN Treatment Type: ACID JOB

Treatment Date: 04/19/2019 End Date: 04/19/2019 Date of First Production this formation:

Perforations Top: 9290 Bottom: 9525 No. Holes: 0 Hole size: 0

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

Mix 523 bbls 15% HCL. Pumping acid down hole 28 BPM, 585 psi. W/ acid on formation still pumping 28 BPM, pressure down to 427 psi. Flush acid w/500 bbls of filtered wtr w/ bio, max pressure 790 psi. ISIP 440, 400 in 5, 362 in 10, 333 in 15. There were NO perforations done - the above intervals are just the injection formation top & bottom.

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.

FORMATION: LYONS Status: SHUT IN Treatment Type: ACID JOB

Treatment Date: 04/19/2019 End Date: 04/19/2019 Date of First Production this formation:

Perforations Top: 9166 Bottom: 9290 No. Holes: 0 Hole size: 0

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

Mix 523 bbls 15% HCL. Pumping acid down hole 28 BPM, 585 psi. W/ acid on formation still pumping 28 BPM, pressure down to 427 psi. Flush acid w/500 bbls of filtered wtr w/ bio, max pressure 790 psi. ISIP 440, 400 in 5, 362 in 10, 333 in 15. There were NO perforations done - the above intervals are just the injection formation top & bottom.

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: PAUL GOTTLÖB

Title: Regulatory & Engin. Tech. Date: Email paul.gottlob@iptenergyservices.com

Attachment Check List

Table with 2 columns: Att Doc Num, Name. Rows: 402048886 WELLBORE DIAGRAM, 402049194 OPERATIONS SUMMARY

Total Attach: 2 Files

General Comments

Table with 3 columns: User Group, Comment, Comment Date. Row: Stamp Upon Approval

Total: 0 comment(s)