

FORMATION: CARLILE-CODELL-FORT HAYS Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/19/2020 End Date: 01/28/2020 Date of First Production this formation: 04/19/2020

Perforations Top: 8765 Bottom: 21213 No. Holes: 1471 Hole size: 38/100

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

Frac'd Carlile-Codell-Fort Hays with a 50 stage plug and perf:
 9374990# 30/50 mesh sand proppant pumped.
 189629 total bbls fluid pumped: 170223 bbls gelled fluid; 19406 bbls fresh water and 0 bbls Acid.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 189629 Max pressure during treatment (psi): 8854

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.84

Total acid used in treatment (bbl): 0 Number of staged intervals: 50

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 21938

Fresh water used in treatment (bbl): 19406 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 9374990 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/27/2020 Hours: 24 Bbl oil: 593 Mcf Gas: 1536 Bbl H2O: 345

Calculated 24 hour rate: Bbl oil: 593 Mcf Gas: 1536 Bbl H2O: 345 GOR: 2590

Test Method: flowing Casing PSI: 2256 Tubing PSI: 2664 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1390 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8743 Tbg setting date: 03/26/2020 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: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/19/2020 End Date: 01/28/2020 Date of First Production this formation: 04/19/2020

Perforations Top: 8819 Bottom: 21213 No. Holes: 1121 Hole size: 38/100

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

8819 - 9398, 9446 - 10291, 10412 - 10798, 10871 - 10947, 11354 - 11935, 12183 - 12720, 12901 - 13613, 14314 - 15281, 15509 - 15742, 16428 - 16631, 16754 - 19641, 19894 - 20720, 20788 - 21213

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: FORT HAYS Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/19/2020 End Date: 01/28/2020 Date of First Production this formation: 04/19/2020

Perforations Top: 9424 Bottom: 20765 No. Holes: 193 Hole size: 38/100

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

9424 - 9425, 10313 - 10388, 10799 - 10847, 12743 - 12900, 13639 - 14291, 15304 - 15486, 16657 - 16730, 19676 - 19871, 20740 - 20765

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:
TPZ: 2445 FSL & 435 FEL

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

Signed: _____ Print Name: Elaine Winick

Title: Completions Tech Date: _____ Email ewinick@extractionog.com

Attachment Check List

Att Doc Num	Name
402386663	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)