

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/05/2012 End Date: 07/05/2012 Date of First Production this formation: 08/07/2012
Perforations Top: 7751 Bottom: 7771 No. Holes: 60 Hole size: 0.38

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

PERF CODL 7751-7771 HOLES 60 SIZE .38
Frac CODL down 4.5" casing w/ 206,174 gal slickwater w/ 150,040# 40/70, 4,000# 20/40.
Broke @ 4,106 psi @ 5 bpm. ATP=4,729 psi; MTP=5,533 psi; ATR=59.6 bpm; ISDP=3,194 psi

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 4909 Max pressure during treatment (psi): 5533
Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 8.30
Type of gas used in treatment: _____ Min frac gradient (psi/ft): _____
Total acid used in treatment (bbl): _____ Number of staged intervals: 1
Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____ Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 154040 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: NIORARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/05/2012 End Date: 07/05/2012 Date of First Production this formation: 08/07/2012
Perforations Top: 7586 Bottom: 7771 No. Holes: 120 Hole size: 0.47

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: 08/07/2012 Hours: 24 Bbl oil: 30 Mcf Gas: 50 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 30 Mcf Gas: 50 Bbl H2O: 0 GOR: 1667

Test Method: FLOWING Casing PSI: 1237 Tubing PSI: _____ Choke Size: _____

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1229 API Gravity Oil: 47

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: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/05/2012 End Date: 07/05/2012 Date of First Production this formation: 08/07/2012
Perforations Top: 7586 Bottom: 7648 No. Holes: 60 Hole size: 0.47

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

PERF NBRR 7586-7648 HOLES 60 SIZE .47
Frac NBRR down 4.5" casing w/ 246,876 gal slickwater w/ 200,240# 40/70, 4,000# 20/40.
Broke @ 2,752 psi @ 5.5 bpm. ATP=4,399 psi; MTP=5,515 psi; ATR=59.8 bpm; ISDP=3,095 psi

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 5878 Max pressure during treatment (psi): 5515
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.30
Type of gas used in treatment: Min frac gradient (psi/ft):
Total acid used in treatment (bbl): Number of staged intervals: 1
Recycled water used in treatment (bbl): Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 204240 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: JOEL MALEFYT
Title: REGULATORY ANALYST Date: 9/7/2012 Email: JOEL.MALEFYT@ANADARKO.COM

Attachment Check List

Att Doc Num	Name
400324430	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)