

FORMATION: NIOBARRA-CODELL Status: PRODUCING Treatment Type: _____

Treatment Date: 05/03/2012 End Date: 05/14/2012 Date of First Production this formation: 08/03/2012

Perforations Top: 7093 Bottom: 7415 No. Holes: 60 Hole size: 42/100

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: 08/04/2012 Hours: 24 Bbl oil: 112 Mcf Gas: 113 Bbl H2O: 130

Calculated 24 hour rate: Bbl oil: _____ Mcf Gas: _____ Bbl H2O: _____ GOR: 1012

Test Method: Flowing Casing PSI: 325 Tubing PSI: _____ Choke Size: 12

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1283 API Gravity Oil: 46

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7376 Tbg setting date: 11/30/2012 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>NIOBARRA</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>05/14/2012</u>		End Date: <u>05/14/2012</u>		Date of First Production this formation: <u>08/02/2012</u>	
Perforations Top: <u>7093</u>		Bottom: <u>7268</u>		No. Holes: <u>60</u> Hole size: <u>42/100</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input checked="" type="checkbox"/>		
<div>Fraced Niobrara formation with 204,340 lbs 30/50 white sand and 20/40 SLC white sand</div>					
This formation is commingled with another formation:			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>6103</u>			Max pressure during treatment (psi): <u>5222</u>		
Total gas used in treatment (mcf): _____			Fluid density at initial fracture (lbs/gal): <u>8.33</u>		
Type of gas used in treatment: _____			Min frac gradient (psi/ft): <u>0.83</u>		
Total acid used in treatment (bbl): <u>6</u>			Number of staged intervals: <u>1</u>		
Recycled water used in treatment (bbl): _____			Flowback volume recovered (bbl): <u>2882</u>		
Fresh water used in treatment (bbl): <u>6103</u>			Disposition method for flowback: <u>DISPOSAL</u>		
Total proppant used (lbs): <u>204340</u>			Rule 805 green completion techniques were utilized: <input type="checkbox"/>		
Reason why green completion not utilized: _____					
<div>Fracture stimulations must be reported on FracFocus.org</div>					

Comment:
No wellbore diagrams created.
I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.
Signed: _____ Print Name: Peter R. Mounsey
Title: CEO Date: 3/7/2013 Email: pmounsey@makjenergy.com