

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 11/02/2011 End Date: Date of First Production this formation: 12/18/2011
Perforations Top: 2370 Bottom: 2386 No. Holes: 96 Hole size: 42/100

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

"SAFETY MEETING
50,020# 16/30 DANIELS
50,000# 12/20 TEXAS GOLD
60.13 TON CO2
BREAKDOWN = 1012 PSI
ISIP = 716 PSI/5 MIN = 590 PSI
10 MIN = 580 PSI/15 MIN = 573 PSI 574 BBLS"

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 574 Max pressure during treatment (psi): 1012
Total gas used in treatment (mcf): 1033 Fluid density at initial fracture (lbs/gal):
Type of gas used in treatment: CARBON DIOXIDE 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:
Total proppant used (lbs): 100020 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/26/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 11 Bbl H2O: 0
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 11 Bbl H2O: 0 GOR:
Test Method: FLOW Casing PSI: 80 Tubing PSI: Choke Size: 48/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 966 API Gravity Oil: 0
Tubing Size: 2 + 3/8 Tubing Setting Depth: 2449 Tbg setting date: 02/16/2012 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.

Comment:

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

Signed: Print Name: WILLIAM F HAYWORTH
Title: PRESIDENT Date: 7/19/2012 Email: BHAYWORTH@BLACKRAVENENERGY.COM

Attachment Check List

Att Doc Num	Name
2233463	FORM 5A SUBMITTED
2233464	OTHER

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)