

Completed Interval

FORMATION: DAKOTA Status: WAITING ON COMPLETION Treatment Type: ACID JOB
Treatment Date: 04/12/2013 End Date: 04/12/2013 Date of First Production this formation: 04/17/2013
Perforations Top: 3475 Bottom: 3508 No. Holes: 18 Hole size: 05/16
Provide a brief summary of the formation treatment: Open Hole:

Acid line pumped 5 Bbls 7.5% HCL, displaced w/10 Bbls 2% KCL. Perf @ 3475-3481; 3492-3500; 3503-3507 all shots went. RIH w/packer set @ 3412'. Swab 5 Bbls of fluid, tbg dry. NU Acid lines, test @ 2200 PSI. Pumped 28 Bbls St. Acid @ 131 PSI @ 2.7 BPM. Pumped 28 Bbls St. Acid @ 147 PSI @ 2.0 BPM and 45 Bio-balls. Pumped 24 Bbls St. Acid @ 360 PSI @ 2.0 BPM. Pumped 13 Bbls 2% KCL @ 399 PSI @ 2.0 BPM. ISIP 438, 5mins @ 117, 10mins @ 116, 15mins @ 116 (Final 116 in 15 mins) Treating PSI - Min 435, Max 1600, Avg 349 w/Operators Max Pressure @ 1500

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 111 Max pressure during treatment (psi): 1600
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.43
Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.45
Total acid used in treatment (bbl): 85 Number of staged intervals: 1
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 24
Fresh water used in treatment (bbl): 23 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 0 Rule 805 green completion techniques were utilized:
Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/17/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 0
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 0 GOR: 0
Test Method: Gauge Casing PSI: 0 Tubing PSI: 70 Choke Size: 0
Gas Disposition: _____ Gas Type: _____ Btu Gas: 0 API Gravity Oil: 0
Tubing Size: 2 + 3/8 Tubing Setting Depth: 3504 Tbg setting date: 05/12/2013 Packer Depth: 3412

Reason for Non-Production: Temporary production equipment set to test well for 30-45 days before committing to final completion installation. Currently recovering treatment fluid with cut of oil. Will continue to produce for next 30-45 days.

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: Donna Pitre
Title: Office Manager Date: 5/14/2013 Email: dpitre@madisoncap.com

Attachment Check List

Att Doc Num	Name
400417890	FORM 5A SUBMITTED
400417955	FORM 5A SUBMITTED

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	Operator revised status to waiting on completion.	5/15/2013 12:12:34 PM
Permit	Form cannot say abandoned wellbore completion when operator is still recovering oil cut water.	5/15/2013 9:58:26 AM

Total: 2 comment(s)