

Deputy Oil & Gas Inspector,  
District #3

**02/17/12:**

Pumped frac treatment using 70 quality foam on stage #1 perfs 9776-9914' (36 holes) as follows: 1153bbl fluid, 1688mscf N2, and 166,943# 20/40 sand. Set frac plug at 9730'.

Pumped frac treatment using 70 quality foam on stage #2 perfs 9491-9631 (36 holes) as follows: 785bbl fluid, 1615mscf N2, 127,826# 20/40 sand. Stage 2 flushed early due to blender problems. Re-frac stage 2 following day

**02/18/12:**

Re-frac stage #2 using 70 quality foam perfs 9491-9631' (36 holes) as follows: 756bbl fluid, 1561mscf N2, 93,027# 20/40 sand and 25,036# 16/30 sand. Set frac plug @ 9450'.

Pumped frac treatment using 70 quality foam on stage #3 perfs 9213-9355' (36 holes) as follows: 1214bbl fluid, 2200mscf N2, 204,958# 20/40 and 28479# 16/30 sand. Set frac plug @ 9160'.

**02/19/20:**

Pumped frac treatment using 70 quality foam on stage #4 perfs 8937- 9079 (36 holes) as follows: 1264bbl fluid, 2183mscf N2, 205,520# 20/40 and 30,219# 16/30 sand. Set frac plug @ 8885'.

Pumped frac treatment using 70 quality foam on stage #5 perfs 8659-8801' (36 holes) as follows: 1257bbl fluid, 2152mscf N2, 205,614# 20/40 sand and 27,580# 16/30 sand. Set frac plug @ 8602'.

**02/20/12:**

Pumped frac treatment using 70 quality foam on stage #6 perfs 8381- 8523' (36 holes) as follows: 1149bbl fluid, 1978mscf N2, 208,768# 20/40. Set frac plug @ 8324'.

Pumped frac treatment using 70 quality foam on stage #7 perfs 8103-8245' (36 holes) as follows: 1131bbl fluid, 2222mscf N2, 201,545 # 20/40 sand and 32,784# 16/30 sand. Set frac plug @ 8044'.

**02/21/12:**

Pumped frac treatment using 70 quality foam on stage #8 perfs 7825-7967' (36 holes) as follows: 1209bbl fluid, 2230mscf N2, 203,077# 20/40 sand and 20,145# 16/30. Set frac plug @ 7768'.

Pumped frac treatment using 70 quality foam on stage #9 perfs 7548-7690' (36 holes) as follows: 1006bbl fluid, 2133mscf N2, 201,350# 20/40 sand and 31,826# 16/30 sand. Set frac plug @ 7490'.

**02/22/12:**

Pumped frac treatment using 70 quality foam on stage #10 perfs 7306-7424' (36holes) as follows: 1157bbl fluid, 2150mscf N2, 205,092# 20/40 sand and 27,017# 16/30 sand. Set frac plug @ 7256'.

Pumped frac treatment using 70 quality foam on stage #11 perfs 7072-7184' (36holes) as follows: 1146bbl fluid, 2156mscf N2, 204,693# 20/40 sand and 28,822# 16/30 sand. Set frac plug @ 7020'.

Pumped frac treatment using 70 quality foam on stage #12 perfs 6839'-6957' (36 holes) as follows: 1216bbl fluid, 2155mscf N2, 203,397# 20/40 sand and 30,559# 16/30 sand. Set frac plug @ 6786'.

**02/23/12:**

Pumped frac treatment using 70 quality foam on stage #13 perfs 6605-6725' (36 holes) as follows: 1091bbl fluid, 2102mscf N2, 203,622# 20/40 sand and 28,742# 16/30 sand. Set frac plug @ 6552'.

Pumped frac treatment using 70 quality foam on stage #14 perfs 6373-6491' (36 holes) as follows: 1061bbl fluid, 2134mscf N2, 204,855# 20/40 sand and 29,445# 16/30 sand. Set frac plug @ 6320'.

Pumped frac treatment using 70 quality foam on stage #15 perfs 6140'-6258' (36 holes) as follows: 1061bbl fluid, 2340mscf N2, 205,018# 20/40 sand and 54,510# 16/30 sand. Set frac plug @ 6084'.

**02/24/12:**

Pumped frac treatment using 70 quality foam on stage #16 perfs 5905- 6023' (36 holes) as follows: 10069bbl fluid, 2194mscf N2, 168,500# 20/40 sand and 61,804# 16/30 sand.

Secured well and RD Baker Hughes and support equipment.

**02/25/12-02/29/12:**

Flowback well.

**03/01/12:**

MI & RU Great White Pressure Control coiled tbg unit. Drilled out frac plug #1 @ 6084'.

**03/02/12:**

Drilled out frac plugs #2 @ 6320' and #3 @ 6552'. RD coil unit.

**03/03/12:**

MI & RU Hurricane Well Service Rig and foam/air package equipment.

**03/05/12:**

Drilled out frac plugs #4 @ 6786', #5 @ 7220', #6 @ 7256', #7 @ 7490, #8 @ 7768', and #9 @ 8044'.

**03/06/12:**

Drilled out frac plug #10 @ 8324'. Tagged solid obstruction at 8456'. Milled on obstruction, unable to make hole. TOOH to inspect mill. TIH with new mill.

**03/07/12:**

Mill on obstruction @ 8456'. Made 4" in 2 hrs, TOOH to inspect mill. RIH with new mill and hydraulic jars.

**03/08/12:**

TIH, mill on obstruction to 8457'. TOOH. LD tbg and BHA, float sub and mill were left in hole. TIH with overshot and jars to attempt to retrieve mill at 8457'. TIH to top of fish, SDFN.

**03/09/12:**

Work overshot over fish 1.5", pulled 4,000# over string weight. TOOH. LD overshot and jars, did not recover fish. Estimated fish top 8457'.

**03/10/12:**

TIH with TCP gun to 8373'. Shot 24 holes, 8373-8377'. TOOH.

**03/11/12:**

TIH w/1jt of 2-7/8" tbg (w/collar on bottom), 2-7/8" SN and 166jts of 2-7/8" tbg. EOT set @ 5509', SN set @ 5475'.

Flow test: 24 hours, choke 24/64, avg. casing pressure @ 1069 psi, avg. tubing pressure @ 340 psi, gas flared. *Tubing weight + Grade??*

**03/12/12:**

Well shut in until pipeline is installed.