

**Bayou Well Services
3353 Center Drive
Milliken, CO. 80534
970) 587-5813 or 970) 587-5824 (Fax)**

Job Log

Date: 3/3/16-3/11/16

Operator: Noble Energy Inc.

Well Name: Federal #14

Legal Location: NW/NE SEC.8 T2N R63W

API # 5-123-07634

Weld County

3/3/16: MIRU P&A Equipment, SWI.

3/4/16: Check P.S.I, TBG 150 #'S, CSG 150 #'S, Blow Well Down to Rig Tank, Pump 30 BBL Down CSG and 15 BBL Down TBG to Kill Gas, UN-LAND TBG, NU BOP'S, Handling Equipment, TOO H, LD 219 JNTS of 1 ½" (Recovered 219 JNTS of 1 ½" TBG, 0000') RU CHS WL, RIH w/ CIBP set @ 7176' ROH, RIH w/ 2 sxs of 15.8 # CGC Dump on Top of CIBP @ 7176' ROH, Load Well w/ 67 BBL of Water, RIH w/ CBL From 7100' to Surface, (From 5100' couldn't get good log to much air in well) ROH, RD CHS WL, (Pressure test CSG For 5 Min to 1000 P.S.I) SWI.

3/7/16: Check P.S.I, 0 #'S, RU CHS WL, RIH w/ CBL From 5500' to Surface, TIH w/ 212 JNTS to Pump Balance Plug @ 6473' (TALLY IN) Establish Circulation w/ 3 BBL of Water, Mix and Pump 8 sxs of 15.8 # CGC, Displaced w/ 24.5 BBL of Water, TOO H, LD 8 JNTS, Stand Back 204 JNTS, SWI.

3/8/16: Check P.S.I 0#'S, Load Well w/ 3 BBL of Water, RU CHS WL, RIH w/ ZQ Gun to Shoot Holes @ 6320' & 6132' ROH, RD CHS WL, PU CIBP TIH w/ 204 JNTS set CIBP @ 6232' Got Injection Rate w/ 3 BBL of Water, Mix and Pump 105 sxs of 15.8 # CGC, Displaced w/ 24.1 BBL of Water, TOO H, LD 122 JNTS. Stand Back 82 JNTS, RU CHS WL, RIH w/ Collar Buster to Cut CSG @ 2517' ROH, RD CHS WL, SWI.

3/9/16: Check P.S.I, 0 #'S, ND BOP'S, UN-LAND CSG, NU BOP'S, Change Over to 4.5" CSG, Handling Equipment, TOO H LD CSG, (Recovered 80 JNTS of 4.5" CSG, 2500') Change Over to 2 3/8" TBG, Handling Equipment, TIH w/ 84 JNTS to Pump Stub Plug @ 2571' Establish Circulation w/ 18 BBL of Water, Mix and Pump 110 sxs of 15.8 # CGC, Displaced w/ 8 BBL of Water, TOO H LD 14 JNTS, Stand Back 70 JNTS,SWI.

3/10/16: Check P.S.I, 0 #'S, TIH to TOC w/ 68 JNTS + 15' in of 69 JNT @ 2056' TOO H LD 44 JNTS to Pump Shoe Plug w/ 25 JNTS @ 771' Establish Circulation w/ 4 BBL of Water, Mix and Pump 250 sxs of 15.8 # CGC to Cement Tank, TOO H LD 25 JNTS, ND BOP'S, Top of Well w/ 20 sxs of 15.8 # CGC to Surface, RD P&A Equipment, SWI.

3/11/16: TOC @ 50' Below Ground Surface, P&A Complete.

* * * All cement is 15.8 # Class "G" neat cement * * *

Cementing Contractor: Bayou Well Services

Cementing Contractor Supervisor: Gustavo Jaime

Operator Supervisor: Jeremy Schneider

State Representative: John Montoya

Wireline Contractor: CASED HOLED SOLUTION WL