

Magna Energy Services, LLC
17509 County Rd 14
Fort Morgan, Co 80701
(970)-867-9007 or (970)-867-8374 (Fax)

Job Log

Date: 7/14/14-7/23/2014

Operator: Noble Energy Inc.

Well Name: SHABLE USX PC AB 11-63-1-HNL

Legal Location: SW/SW SEC.11 T7N R64W

API# 137602

Weld County

7/14/14: MIRU, P&A Equipment, RU P&A Equipment

7/15/14: Check P.S.I, TBG 160 #'s, CSG 150 #'s, Blow Well Down to Rig Tank, Try to Kill Well, Pump 5 bbls of Water, Down CSG, Pressure up to 2000' P.S.I, Pump 55 bbls of Water, Blow down to Rig tank Flowback 60 bbls of Water in 30 min, SWI

7/16/14: Take off Frac Valve, NU BOP'S, W/ Annular BOP'S, TIH w/ 190 jts, SWI

7/17/14: TIH w/ 234 jts to Clean up Well, Circulate Well w/ 180 bbls of Water, TOOHD Bit & Scrapper, PU CIBP TIH w/ 234 jts Try to Set @ 7246' Wasn't Set, PU 1 jt Try to set w/ 235 jnts @ 7278' Wasn't Set, TOOHD 24 jts, Try to set w/ 211 jts @ 6535' Wasn't Set, TOOHD w/ 211 jts, LD CIBP, SWI

7/18/14: RU JW WL, RIH w/ CIBP set @ 7000' ROH, RIH w/ BI-WIRE to Cut CSG @ 6970' ROH, RD JW WL ND BOP'S, Unland CSG, NU BOP'S, Handling Equipment, TOOHD CSG, (Recovered 166 jts 6970') SWI

7/21/14: TIH w/ 226 jts to TAG CIBP @ 7000' Establish Circulation w/ 50 bbls of Water, Mix and Pump 100 sxs of 15.8 # Cement, Displaced w/ 27 bbls of Water, TOOHD 144 jts, to Pump Curtesy Plug w/ 81 jts @ 2502' Establish Circulation w/ 10 bbls of Water, Mix and Pump 50 sxs of 15.8 # Cement, Displaced w/ 10 bbls of Water, TOOHD, LD 81 jts, RU JW WL, RIH w/ CIBP set @ 950' ROH, RIH w/ ZQ Gun to Shot Holes @ 900' ROH, RD JW WL, Try to Establish Circulation w/ 130 bbls of Water, Never get Circulation, SWI

7/22/14: RU JW WL, RIH w/ ZQ Gun to Shot Holes @ 730' ROH, RD JW WL, Pump Water, Establish Circulation w/ 20 bbls of Water, SWI

7/23/14: Establish Circulation w/ 2 bbls of Water, Mix and Pump 375 sxs of 15.8 # Cement, ND BOP'S , RD P&A Equipment, Dig up Well and Flowline 8' Below Ground Surface, WOC 4 Hours, TOC @ 50' From Surface, Mix and Pump 25 sxs of 15.8 # CGC to Surface, Cut Well and Flowline 6' Below Ground Surface, Backfill P&A Complete

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

Cementing Contractor: Magna Energy Services
Cementing Contractor supervisor: Gustavo Jaime
Operator Supervisor: Rick Eason
State Representative: Jason Gomes
Wireline Contractor: JW WL