

Ranger Energy Services
3333 Center Drive
Milliken, CO. 80534
(970) 587-5813 or (970) 587-5824 (Fax)

Job Log

Date: 4/26/2017

Operator: Noble Energy

Well Name: Wells Ranch USX BB 5-13

Legal: SWSW, Section 5, Township 5 North, Range 63 West

API: 05-123-25282

Location: Weld County, Colorado

4/25/2017: MIRU P&A equipment, blow down well, NDWH, NUBOP, TOOH with tubing (219 joints) RU wireline and set 4.5" CIBP at 6,462', cement dump bail 2 sxs of cement from CIBP to 6,436' Load casing and pressure test CIBP to 1,000 psi, test good, Perforate casing at 2,425', RD wireline TIH with 4.5" CICR (75 joints) and set at 2,320', RU Ranger cementers, pump 10 bbl. mud flush Pumped 210 sxs (43 bbl.) of cement, 200 sxs under CICR and 10 sxs on top (Annular cement from 2,426' to 1,918', cased cement from 2,426' – 2,191') TOH with 75 joints of tubing, secure well, SDFN

4/26/2017: NDBOP and NDWH, RU wireline and cut casing at 687', circulate well clean RU casing spear, un-land casing, NUWH, NUBOP, TOH and LD casing, RD casing equipment TIH with 24 joints of tubing to 745', RU Ranger cementers Pump 312 sxs (64 bbl.) of cement from 745' to surface, TOH, NDBOP Secure well with night cap, SDFN

4/27/2017: TIH and tag TOC at 97', pump 32 sxs of cement to surface, 6.5 bbl. of slurry to surface Secure well with night cap, P&A complete

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

Cementing Contractor: Ranger Energy

Operator Supervisor: Tyson Hamacher

State Representative: Conor Pesicka

Wireline Contractor: Cased Hole Solutions