

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

Job Log

Date: 4/24/2017

Operator: Noble Energy

Well Name: Wells Ranch USX BB 5-12

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

API: 05-123-26231

Location: Weld County, Colorado

4/21/2017: MIRU P&A equipment, circulate well clean, NDWH, NUBOP, TOOH with tubing (220 jts) secure well, SDFN

4/22/2017: Blow down well, RU wireline, RIH and set 4.5" CIBP at 6,540'
CDB 2 sxs on top of CIBP, TOC at 6,514', load casing, pressure test CIBP to 1,000 psi, good test
Perforate casing at 2,020', RD wireline
TIH with 4.5" CICR and set at 1,903', RU Ranger cementers
Pump 210 sxs of cement inside the casing from 2,021' to 1,774' and cement outside the casing from 2,021' to 1,515', TOH with tubing, NDBOP, NDWH
RU wireline and cut casing at 678', RD wireline, secure well, SDFN

4/24/2017: Circulate hole, RU casing spear, un-land casing, NUBOP, RIH with 24 joints to 745'
RU Ranger cementers to pump 10 bbl. of mud flush and 259 sxs (53 bbl.) of cement from 745' to surface
TOH with tubing, NDBOP, 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