

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

Job Log

Date: 9/22/2017

Operator: Noble Energy

Well Name: Wells Ranch #33-15

Legals: NWSE, Section 15, Township 5 North, Range 63 West

API: 05-123-20888

Location: Weld County, Colorado

9/21/2017: MIRU P&A equipment, circulate well, NDWH, NUBOP, TOH with tubing
RU wireline, TIH and set 4-1/2" CIBP at 6,402', CDB 2 sacks on top, cement from 6,402' to 6,376'
TOH, load and pressure test casing, pressure held, TIH and perforate casing at 2,401', TOH, RD wireline
RU hydrotester, PU 4-1/2" CICR, TIH and set at 2,300', pressure test CICR to 1,000 psi, pressure held
Shut well in, SDFN

9/22/2017: Pump 10 bbl. of mud flush, pump 165 sxs of cement, 33.8 bbl. of slurry
155 sxs under and 10 sxs on top, annular cement from 2,401' - 1,888', cased cement from 2,401' - 2,171'
TOH, NDBOP, RU wireline, TIH and cut casing at 600', TOH, RD wireline, circulate wellbore clean
RU spear, unland casing, NUWH, NUBOP, TOH and LD casing, TIH to 675'
Pump 10 bbl. of mud flush, pump 200 sxs of cement to surface, 41 bbl. of slurry from 675' to surface
TOH and LD tubing, NDBOP, NDWH, shut well in with night cap, RDMO, P&A complete

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

Cementing Contractor: Ranger Energy Services

Operator Supervisor: Tyson Hamacher

State Representative: Conor Pesicka

Wireline Contractor: Cased Hole Solutions