

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

**Job Log**

Date: 5/8/2017

Operator: Noble Energy Inc.

Well Name: Stromberger #13-35

Legal: SWSW, Section 13, Township 6 North, Range 67 West

API: 05-123-26235

Location: Weld County, Colorado

5/1/2017: MIRU P&A equipment, SDFN

5/2/2017: Blow down well, NDWH, NUBOP, TOH with tubing  
RU hydrotesters, TIH with 4-1/2" CIBP and set at 7,129'  
Pressure test to 1,000 psi for 15 minutes, pressure did not hold  
Shut well in, SDFN

5/4/2017: RU wireline, TIH with 4-1/2" CIBP and tag at 5,650' and 6,250', TOH  
TIH with 4-1/2" GR/JB to 7,120', TOH, TIH with 4-1/2" CIBP and set at 7,110', TOH, RD wireline  
TIH to 7,100', circulate wellbore clean, pressure test casing to 1,000 psi for 15 minutes, pressure held  
Shut well in, SDFN

5/5/2017: TIH to 7,110' and tag CIBP, pump 40 sxs of cement on top of CIBP  
TOH and LD to 4,467', pump 40 sxs of cement, TOH and LD to 2,508', pump 40 sxs of cement, TOH  
RU wireline, TIH with casing cutter, cut 4-1/2" casing at 370', TOH, RD wireline  
Circulate wellbore clean, NDBOP, NDWH, NU casing spear, un-land 4-1/2" casing  
NUBOP, LD 4-1/2" casing, changeover to 2-3/8" handling equipment  
TIH to 922', RU Ranger cementers, establish circulation, pump 10 bbl. of mud flush  
Pump 150 sxs of Gas Block cement, RD Ranger cementers, TOH with tubing, shut well in, SDFN

5/8/2017: TIH with tubing and tag TOC at 36'. TOH with tubing, RU Ranger cementers  
Pump 11 sxs to surface, RD Ranger cementers, shut well in with night cap, P&A complete

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

Cementing Contractor: Ranger Energy Services  
Operator Supervisor: Chris Hohnstein  
State Representative: Jason Gomez  
Wireline Contractor: Cased Hole Solutions



