

CAYWOOD\_NO.\_1

Section 8-P, T9S, R38E  
Lea County, New Mexico

Procedure\_to\_Plug\_and\_Abandon

1. MIRU plugging unit. NU BOP. TOOH and LD 2-3/8" production tbg.
2. PU 4-1/2" tension pkr and 2-3/8" workstring. TIH to 3750'. Set pkr. Establish rate and pressure. Load tbg-csg annulus w/ fresh water. Pressure test annulus to 500 psi.
3. Pump 75 sks Class C cmt w/ 2% CaCl, displace to 3900' w/ 17 bbls fresh wtr. WOC 3 hrs. Pressure test down tbg to 500 psi. Release pkr, TIH and tag plug.
4. Load hole w/ mud laden fluid (9.5#/gal and 35 vis). TOOH, LD workstring.
5. RIH w/ wireline. Perf squeeze holes @ 414'. TIH w/ 1 jt tbg. Establish rate and pressure. ND BOP. Install 4-1/2" x 2-3/8" bell nipple.
6. With bradenhead valve open, pump 120 sks Class "C" cmt down 4-1/2" csg. When cmt is circ via 4-1/2" x 8-5/8" annulus, shut down.
7. Cut csg off. Weld on plate and install abandoned well steel marker.
10. Clean location.

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