

Equity Oil & Gas

McLaughlin #91

Rangely Co.

SE/NE Sec. 6-T1N-R102W

GPS. 40.08619507 N/ -108.8777832W

PDOP 1.6

API # 103-40259

Estimated Job Start date 3-18-22

1. Contact COGCC 72 hours prior to commencement of P&A.
2. Build berm around well for P&A work. (Haul in Shale & Rock mix material).
3. Rig up TD machine, verify total depth of well (depth to bridged off open hole 1120'). Well was drilled to a depth of approx.: 2500'. Bridged off area may drop down hole when P&A starts due to the weight of the rock and shale mix.

Note: 8-5/8" casing 20' from surface, open 12" hole to 1120' TD@ 1098' in heavy oil and sludge, then stack out @1120'. Well bore seems to be bridged off. Well was originally drilled to a depth of approx.: 2500'.
4. R/U Conveyor and equipment. Get ready to funnel in shale & rock mix.
5. Use conveyor to funnel rock & shale mix into well. Tag top of rock & shale mix with TD machine to verify plug depth is 600' from surface.
6. Calculate cement required to fill from 600' to 450' from surface. Approx.: 140-145 sacks.
7. Run in hole with 2-3/8" tbg. to 585'. Rig up cement equipment, pressure test equipment, flush tbg with 1 bbl. of fresh water, start pumping Class ASTM "C" cement - Spot cement from top of rock plug to approx.:450' feet from surface (150' plug) flush tbg. POOH, flush out all equip.
8. SDFN and allow cement to settle and set.
9. Check top of cement with TD machine to ensure cement hasn't dropped. If cement settled, top off cement to approx.: 450'. R/U Conveyor funnel in rock & shale mix to a depth of 150' from surface, TIH with 2-3/8" tbg. to a depth of 140', R/U cement equipment pressure test, flush tbg. with 1 bbl of fresh water, start pumping Class ASTM "C" cement, pump cement to 4' from surface (115-120 sacks. 146' plug), flush tbg with 1 bbl. of fresh water, and TOOH with tbg. SIFN.
10. If cement is visible but deeper than 4' from surface, mix cement and top off casing to 4' from surface.
11. Allow cement to dry & set.
12. After cement has set, let well set for 5 days as per COGCC rules to ensure no gas venting or settling. Cut off surface pipe and weld on plate beaded with well information.
13. Test soil around well head after tests clear. Back fill well with soil and reclaim site as weather allows.