

Equity Oil & Gas

Emerald C 138

Rangely Co.

GPS. 40.08086719 /108.8903744

API#103-05392

Estimated Job Start date 8/15/21

1. Contact COGCC 48 hours prior to commencement of P&A
2. Repair ROW to location, Build berm around well for P&A work. Haul in Rock mix
3. Rig up TD machine, verify total depth of well

Note TD@ 980' in heavy oil and sludge, stacked out @1884' in mud and rock, well may be bridged off Trip in hole with 2-3/8' Tbg. Try to circulate well down to Original TD of 4408' or to a depth of 1884' to Start P&A procedure

4. R/U Conveyor and equipment. Get ready to funnel in rock and shale mix
5. Backfill hole with Rock & Shale mix, Tag top of Rock & Shale mix with TD machine to verify plug depth.
6. Calculate cement required to fill from 1264' to 964' from surface Approx.: 140-145 sacks.
7. Run in hole with 2-3/8" tbg. to 1264' 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.:964' feet from surface (300' plug) POOH flush tbg.
8. SDFN and allow cement to settle and set
9. Check top of cement with TD machine to ensure cement hasn't dropped. 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. (75 sacks. 146' plug) flush tbg with fresh water, TOOH with tbg. SIFN
10. If cement is visible but deeper than 4' from surface, Mix up cement and top off casing to a depth of 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. Back fill well with soil and reclaim site as weather allows.