Equity Oil & Gas

Emerald 117

Rangely, CO

GPS. 40.0793853N /-108.8833856W

PDOP 1.2

API # 103-40249

Estimated Job Start date 8-23-21

1. Contact COGCC 48 hours prior to commencement of P&A

2. Build berm around well for P&A work. (Haul in Rock mix material)

3. Rig up TD machine, verify total depth of well (depth to bridged off open hole 786') well was drilled to a depth of 2500' bridged off area may drop when P&A starts due to the weight of the rock and shale mix.

Note: 7" casing, TD@ 655' in heavy oil and sludge, then stack out @786' well bore seems to be bridged off. Well was originally drilled to a depth of 2500'.

4. R/U Conveyor and equipment. Get ready to funnel in Rock Mix

5. Backfill hole with Rock & Shale mix, 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.: 120-125 sacks.

7. Run in hole with 2-3/8" tbg. to 575' 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) 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. (95-115 sacks. 146'plug) flush tbg with fresh water, 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.