

Equity Oil & Gas

Emerald C 133

Rangely Co.

API # 103-05456

GPS. 40.09058107 N; 108.8997551 W

PDOP 1.5

Estimated Job Start date 7-12-22

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 620').

Note: 10-3/4" casing 20' for surface, TD @ 525' in heavy oil and sludge, then very heavy sludge @ 620'. Well bore seems to be bridged off. Well depth could drop when loading well bore with rock and shale mix. Well was drilled to approx. 3883'.

4. R/U conveyor and equipment. Get ready to funnel in rock and shale mix.

5. Backfill hole with rock and shale mix and tag top of rock and shale mix with TD machine to verify plug depth is 500' from surface.

6. Calculate cement required to fill from 500' to 350' from surface (Approx. 120 sacks).

7. Run in hole with 2-3/8" tbg. to 475'. Rig up cement equipment pressure test equipment, flush tbg with 1 bbl. of fresh water, and start pumping Class ASTM "C" cement. Spot cement from top of rock plug to approx. 350' feet from surface (150' plug) and POOH flush tbg.

8. SDFN and allow cement to settle and set.

9. Check top of cement with TD machine to ensure cement has not 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 (approx.: 112 sacks. 146' plug), flush tbg with 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, backfill well with soil and reclaim site as weather allows.