

Equity Oil & Gas

Emerald C 137

Rangely Co.

NE/SW sec. 6-T1N-R102W

GPS. 108.8868395 /40.08526373

API # 05-103-05428

Estimated Job Start date 3-15-2023

1. Contact COGCC 48 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.
 - a. Well was drilled to an approximate depth of 3900'
 - b. Note: 10-3/4" casing from surface down to 45', open hole drilled down to TD of 3900'. Recent TD attempt encountered sludge at 500' and fully stacked out at 525'.
4. Funnel in rock and shale mix until we get to a TD of 450' from surface.
5. Run in hole with 2-3/8" tbg to 440'.
6. Rig up cement equipment, pressure test equipment, and flush tbg with 1 bbl of fresh water
7. Spot 150' Class ASTM "C" cement plug from 450' to 300'.
 - a. Estimated cement volume 90-110 sacks (150' plug)
 - b. Note: If we encounter a bridged off area, it may drop due to the weight of the cement.
 - i. If this happens, TD well then Contact Aaron Katz to start funneling in rock and shale mix to a solid depth
 - ii. Resume cementing operations
8. Flush tbg with fresh water, TOOH, flush out all equipment. Shut in for night.
9. Check top of cement with TD machine to ensure cement hasn't dropped. TOC should be approximately 300'.
10. R/U Conveyor and equipment.
11. Use Conveyor to funnel rock & shale mix into well, Tag top of rock & shale mix with TD machine to verify plug depth is 150' from surface.
12. TIH with 2-3/8" tbg. To a depth of 140'.
13. Rig up cement equipment, pressure test equipment, and flush tbg with 1 bbl of fresh water
14. Spot Class ASTM "C" cement from 150' to 4' from surface.
 - a. Estimated cement volume 90-110 sacks (146' plug)
15. Flush tbg with fresh water, TOOH, flush out all equipment, Shut in for night
16. If cement is visible but deeper than 4' from surface, mix cement and top off casing to 4' from surface.
17. 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
18. Test soil around well head after tests clear, Back fill well with soil and reclaim site as weather allows.