

Equity Oil & Gas

Emerald #92

Rangely Co.

NW/NE sec. 6-T1N-R102W

GPS. 108.883126 /40.089416

API # 103-40261

Estimated Job Start date 1-2-2023

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 1394'
  - b. Note: 8" casing 20' from surface, open 12" hole to 1394'. TD@ 320" in heavy oil and sludge, then stack out @400'. Wellbore appears to be bridged off.
4. Run in hole with 2-3/8" tbg to 305'
5. Rig up cement equipment, pressure test equipment, and flush tbg with 1 bbl of fresh water
6. Spot Class ASTM "C" cement from top of bridged off area @ 320' to an approximate depth of 220'
  - a. Estimated cement volume 60-80 sacks (100' plug)
  - b. Bridged off area 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
7. Flush tbg with fresh water, TOOH, flush out all equipment, Shut in for night
8. Check top of cement with TD machine to ensure cement hasn't dropped. If cement settled top off cement to approx.: 220'.
9. R/U Conveyor and equipment
10. 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.
11. TIH with 2-3/8" tbg. To a depth of 140',
12. Rig up cement equipment, pressure test equipment, and flush tbg with 1 bbl of fresh water
13. Spot Class ASTM "C" cement from 150' to 4' from surface.
  - a. Estimated cement volume 90 sacks (146' plug)
14. Flush tbg with fresh water, TOOH, flush out all equipment, Shut in for night
15. If cement is visible but deeper than 4' from surface, mix cement and top off casing to 4' from surface.
16. 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
17. Test soil around well head after tests clear, Back fill well with soil and reclaim site as weather allows.