

Central Vacuum Unit No. 40

Procedure

1. MIRU pulling unit. Kill well as needed. Install BOP. TOH with tubing (Duoline 1/78) and packer (Baker 43A Lockset set at 4340').
2. TIH with 3 7/8" bit and workstring. Clean out to PBTD 4713'.
3. Change out wellhead to new CO<sub>2</sub> injection wellhead. Need to align with flowline.
4. GIH with perforating gun and perforate the following intervals: 4392-4402, 4410-4420, 4458-4463, 4652-4667, 4675-4680, 4686-4696 – 2 spf – 55 feet – 110 holes.
5. GIH with treating packer. Set packer at 4330'. (Perfs 4392-4701 - 146 holes)
6. Acidize formation with 10000 gal 15% NEFE HCL @ 4 BPM using 6000# rock salt. Pump as follows:
  - Establish pump in rate.
  - Pump 1000 gal acid.
  - Pump 2000# rock salt in gelled brine.
  - Pump 3000 gal acid.
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  - Pump 3000 gal acid.
  - Flush to 4550' (mid perfs).
7. Shut in for 2 hrs. Flow and swab back load.
8. POH with packer. Lay down tubing.
9. Pick up CO<sub>2</sub> injection packer and tubing. TIH. Set packer at ±4320'. Pressure test and chart casing.
10. Have gang tie in new injection riser. Return to injection.
11. Set up and run injection profile 1 week after injection begins.