

- SAFETY:
- H₂S concentration - 5,000 PPM
 - Keep TIW on rⁱ floor for all pipe connections all times.
 - Use 10# Brine kill well if necessary.

1. Lockout/tagout energy source. RDMO pumping unit. Prepare location as necessary for pulling unit. Test safety anchors to 22,500#, if necessary.
2. MIRU pulling unit. Kill well as necessary. Install rod stripper. Unseat pump and TOO H w/ rods, laying down. Install 7 1/16" 3M dual ram hydraulic BOP (blind rams on bottom and 2 7/8" pipe rams on top) with Torus annular. TOO H w/ tubing.
3. RU wireline company. Install and test lubricator. Make gage ring run to 7,750'. Set top of 7" CIBP at 7,720' MD (5' above casing collar at 7,725'). RD wireline company.
4. TIH w/ 2 7/8" O.D. tubing. Test plug to 1000 psi. Hot water tubing to clean up paraffin. Circulate hole clean w/ fresh water. TOO H w/ 2 7/8" O.D. tubing, laying down. ND BOPE. NU 7 1/16" 3M X 2 7/8" 8rd EUE adapter flange. Install 2 7/8" master valve. RDMO pulling unit.
5. Clean location. Build and line 40' X 40' X 6' dump pit. MIRU horizontal pulling unit package. NU 7 1/16" 3M dual ram hydraulic BOP (with blind rams on bottom and 2 7/8" pipe rams on top) and 7 1/16" 3M annular. Test BOPE to 250/1500 psi. with test plug.
6. TIH w/ 6 1/8" window mill, smooth OD watermelon mill and casing scraper while picking up 2 7/8" O.D., 10.4#, S-135, AOH drillpipe to 7,720' MD. Set 20K on CIBP at 7,720' MD. Adjust tally and TOO H.
7. PU 7" Weatherford 3 Degree "WhipBack" whipstock assembly, starting mill, and orientation sub. TIH w/ 2 7/8" O.D., 10.4#, S-135 AOH drillpipe to 10' above CIBP. RU Wireline unit. RU and run SRG to orient whipstock at 101 degrees azimuth. Land whipstock on CIBP and re-check azimuth. Set whipstock and re-check azimuth. Release starting mill and start casing exit w/ starting mill. TOO H. PU Window mill, and Watermelon mill. TIH. Finish casing exit. TOO H. TIH w/ 6 1/8" bit, watermelon mill, watermelon mill on 2 7/8" DP. Open up casing exit and drill pilot hole to at least 7,720' MD. Window to be cut with fresh water. Circulate hole clean. TOO H.
8. PU 4 3/4" Reed EHP 53 bit, 3 1/8" M1X motor, 2 7/8" O.D. Monel DC, MWD flow sub, and orienting sub, followed by 2,600' of 2 7/8" O.D., 10.4#, S-135, AOH drillpipe, and 20 - 4 1/8" X 2" DC's on 2 7/8" O.D., AOH drillpipe. Note - 4 1/8" DC's must drift 2" I.D.
9. Orient motor to 101 degrees azimuth using SRG gyro. Control drill 15' at 2-3'/hour for 15 feet. Run SRG gyro survey to confirm orientation. Drill curve section as per the attached directional program. Pump xanthan sweeps as necessary to clean the hole. TOO H.
10. PU 4 3/4" Reed EHP 53 bit, 3 1/8" M1XL motor, 2 7/8" O.D. Monel DC, and MWD flow sub on 2,600' 2 7/8" O.D., 10.4#, S-135, AOH drillpipe, and 20 - 4 1/8" X 2" DC's on 2 7/8" O.D., AOH drillpipe. Drill 1st lateral section as per the attached directional program using fresh water and xanthan sweeps as necessary. Pull back to 8,078' and time drill with left side tool face to sidetrack out of the 1st lateral. Drill 2nd lateral as per the attached directional program. After second lateral is drilled, circulate hole clean and displace hole with 2% KCL water.
11. TIH w/ 7" retrievable bridgeplug on the 2 7/8" tubing. Set bridgeplug at 7650'. ND BOPE, NU wellhead. RDMO Horizontal PU.
12. Clean up location. MIRU pulling unit. PU and RIH to retrieve RBP. TOH with RBP. PU and RIH with 2 7/8" tubing and packer, setting at approximately 7650'. RU swab lubricator. Swab well and evaluate fluid entry. Stimulation will be based upon fluid entry. If the well does not flow, the whipstock will be retrieved and the CIBP @ 7,720' will be knocked to bottom to provide a sump for a rod pump installation.