

Emperor Oil Co. Federal Gas Com. #1  
Unit F, 1980' FNL & 1980' FWL, Section 28, T-20-S, R-30-E  
Eddy County, New Mexico  
Morrow/Strawn Formations  
Proposed Recompletion Procedure

September 11, 1996

1. Hold a pre-job safety meeting with all personnel on lease. Ensure that all personnel on lease are aware of job procedures and egress routes.
2. Note and record tubing and casing pressures.
3. MIRU Service Rig.
4. Ensure well is dead, **if necessary** kill well with clean filtered 2 % KCL water.
5. Unset packer, reverse circulate well to clean filtered 2% KCL then POOH with tubing and packer.
6. RIH and drill out the cement and CIBP at 11440'. Recover CIBP or push to bottom (ensure the CIBP is below 12,500'. Minimize fluid losses to the Strawn and Morrow Zones. POOH.
7. RIH with 3 1/2" N-80 workstring (tubing) and packer c/w on/off tool and profile nipple below packer. Set packer at 12150'
8. Fracture Stimulate the Morrow zone as per Dowell procedure.
9. Swab well to evaluate Morrow. If Morrow zone starts flowing, flow on clean up.
10. RIH with an RZG plug on wireline, set plug in the profile nipple below packer.
11. Come off of on/off tool then POOH w/ 3 1/2" workstring.
12. RIH with 2 3/8" production string latch onto on/off tool above packer. Remove BOPS. Install wellhead.
13. Rig up wireline (w/lubricator). RIH with wireline, pull prong from RZG plug, let well equalize, then retrieve RZG plug.
14. Rig out/move off, TOTP.