

17. PU 6 1/8" bit, 4 3/4" DC's w/packed hole assembly, 2000' of 3 1/2" DP. Be sure to have 3 1/2" and 4 1/2" TIW valves and inside BOP's on the floor. When tripping, leave at least one joint of 4 1/2" DP on the last stand of 3 1/2" DP in case BOP needs to be shut in (All pipe rams are 4 1/2"). Drill out top of liner and RIH w/DP to the float collar/landing collar. Test liner to 15.0 ppg equivalent. Displace heavy mud w/11.0 ppg as per Jack Forster. (Mud will probably be centrifuged and retreated w/polymer to achieve proper mud weight, visc, and water loss. This may be performed while drilling.) Drill out float equipment, cement, and 10' of new formation. Test shoe to 15.0 ppg equivalent. Record on IADC & TOC Daily Drilling Report.
18. Drill 6 1/8" hole to TD @ 13000'. Use 10.5 - 11.5 ppg Brine-Polymer mud with 5 - 10 cc waterloss thru Atoka-Morrow.
19. CCM for logs, SLM out of hole, log as per GE's.
20. Run either a 4 1/2" 11.6# S95 LTC liner (if 6 1/8" hole is drilled) or a 5 1/2" 20# N80 LTC (if 8 1/2" hole is drilled from 10800 - 13000'). Rabbit DP while RIH. Break circulation prior to running liner inside open hole. Finish RIH w/liner. Circulate 2 hole volumes (minimum) while reciprocating liner. Hang liner 2' off bottom. Cement per liner design. (Note: If 4 1/2" liner is set, DP wiper plug must go thru 2 different DP sizes.)
21. Pull 10 stands, check flow. WOC as per SWD (24 hrs is recommended).
22. POOH, PU proper size bit and drill out cement to the top of the liner. Test entire annulus (9 5/8 & 7") to 14.0 ppg equivalent. This will also test liner top if test is OK and the annulus will be tested in case pressure is required for stimulation work.
23. POOH. PU proper size RTTS. Set tool 100' above the liner top. Differential test w/fresh water. If liner top tests OK, circulate out mud w/2% KCL water. POOH & LDDP.
24. Cut off casing. ND BOPE. Install 11" x 7 1/16" x 5000 tubing hanger and 5000 psi dry hole tree. Release rig.