

- FL-62 + 0.3% CD-32 + 0.2% SM mixed at 14.8 PPG w/ 1.33 yield. Reverse out tubing and TOO H.
8. PU 6 1/8" bit, 6 - 4 1/2" DC's and TIH on 2 7/8" O.D. tubing. Drill out retainer and cement. Clean out hole to 7900'. Test squeeze to 500 psi. TOO H, laying down.
 9. RU Wireline unit. Set CIBP at 7648' (top of plug). RD Wireline unit. ND BPOE, NU wellhead. RDMO pulling unit.
 10. Clean location and cover anchors. MIRU drilling rig. Test BOPE to 250/1500 psi. TIH picking up 3 1/2" O.D. drillpipe to 7550'. Mud up with FW gel at 10 PPB and Drill Out at 0.25 PPB in FW for a funnel vis of 40+ and YP of 25+.
 11. PU 5.5" Weatherford 3 Degree "WhipBack" whipstock assembly, starting mill, and orientation sub. Space out anchor so that top of whipstock will be at 7610'. TIH w/ 6 - 4 3/4" O.D. DC's on 3 1/2" drillpipe. RU Wireline unit. Run GR-CCL for depth correlation. Desired top of whipstock is 7610'. RU and run SRG to orient whipstock at 270 degrees Az. Set whipstock and release starting mill. Start casing exit w/ starting mill. TOO H. PU Window mill, and Watermelon mill. TIH. Finish casing exit. Dress out window and circulate hole clean. Displace mud system with produced water. TOO H
 12. PU 4 3/4" HTC STR-44C bit, 3 3/4" X motor, 3 1/2" O.D. Monel DC, MWD flow sub, and orienting sub, followed by 1500' 2 7/8" O.D., 10.4#, S-135, AOH drillpipe on 3 1/2" O.D., 13.3#, Grade E drillpipe.
 13. RU SRG and orient motor for 270 degree Az. kickoff. 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 Viscous sweeps as necessary to clean the hole. TOO H.
 14. PU 4 3/4" HTC J-44C bit, 3 3/4" XL motor, 3 1/2" O.D. Monel DC, and MWD flow sub on 1500' 2 7/8" O.D., 10.4#, S-135, AOH drillpipe on 3 1/2" O.D., 13.3#, Grade E drillpipe. Drill lateral section as per the attached directional program using FW/MF-55 fluid system. If severe seepage is encountered, mud up with Flowzan(XCD polymer). Circulate hole clean and displace hole with produced water. TOO H, laying down 2 7/8" O.D. drillpipe.
 15. TIH w/ 7" compression packer, SN, on 2 7/8" O.D., 6.5#, L-80 production tubing. Set packer at 7200'. ND BOPE, NU wellhead. RDMO drilling rig.
 16. Clean up location. Check safety anchors and test to 22,500# if necessary. MIRU pulling unit. RU coiled tubing unit. RIH w/ 1 1/4" O.D. coiled tubing with roto-jet tool and release joint to TD, circulating produced water. Acidize horizontal section w/ 25 gals. per foot of horizontal section of 15% NEFE HCL acid. Flush w/ 2% KCl water. RD coiled tubing unit.
 17. RU and swab back acid load. ND wellhead, NU Seaboard head w/ 8 5/8" adapter spool, dual ram hydraulic BOP, and Torus annular. Test BOPE to 1000 psi. Release packer and TOO H.
 18. PU whipstock retrieving tool and TIH on 2 7/8" tubing. Latch onto whipstock and release. TOO H. RU sand line drill. Knock CIBP @ 7648' to bottom.
 19. RIH w/ submersible motor and pump (with 5 1/2" O.D. shroud), 2 joints 2 7/8" tubing, 2 7/8" drain valve, 1 joint 2 7/8" tubing, SN, on 2 7/8" O.D., L-80 tubing. Land bottom of pump at 7850'. Land tubing in Seaboard head. Remove Torus annular and BOP's.
 20. Connect well to variable speed drive. Put well on test for 30 days. Monitor production and shoot fluid level daily.
 21. RDMO pulling unit.
 22. Permanent installation will be designed from data received in step No. 19