

EXHIBIT "F"

MEANDER FEDERAL #1
THE SUPERIOR OIL COMPANY
DRILLING, DRILL STEM TESTS,
CASING, AND CEMENTING PROGRAMS

1. Set 50'± of 20", 94#, H-40, ST&C using rat hole machine. Cement to surface with Redi-Mix cement.
2. Drill 17-1/2" hole to 500'± or 50' into San Andres. Run 13-3/8", 48#, H-40, ST&C casing. Weld first five joints of casing. Cement to surface with 170 sxs Halliburton light, followed by 300 sxs Class "C" + 2% CaCl₂. 100% open hole excess. Cut off 20" and 13-3/8" casing. Install 13-3/8" - 3000# WP slip-on casing head with 13-5/8" - 5000# WP top flange. Nipple up 13-5/8" series 1500 BOP. Test casing to 600#.
3. Drill 12-1/4" hole to 1,450'± (50' into Delaware). Anticipate lost circulation with possibility of dry drilling. Run GR-BHC log. Run 10-3/4", 40.5#, K-55, ST&C casing. Weld first five joints of casing. Use four centralizers. Cement to surface with 80 sxs of Halliburton light containing 8#/sx salt, 1/4#/sx flocele, and 5#/sx gilsonite. Followed by 300 sxs Class "C". 100% open hole excess. Land 10-3/4" casing. Install 13-5/8" - 5000# x 10" - 5000# casing spool with 10" - 5000# x 13-5/8" - 5000# double studed flange. Nipple up 13-5/8" series 1500 BOP and Hydril. Test rams to 5000#, Hydril to 3500#, and casing to 2000#.
4. Drill 9-1/2" hole to 8,200'± (100' into wolfcamp). Mud logging unit will be on location at 1,450'±. Run GR - BHC, FDC - CNL, and DLL - MSFL logs. Run 7-5/8", 26.4#, S-95, LT&C casing. Cement with 125 sxs Trinity Lite Wate containing 0.5% CFR-2 and 1/4#/sx flocele. Followed by 300 sxs Class "H" with 0.5% CFR-2. 25% open hole excess. Top of cement at 6,200'±.
5. Land 7-5/8" casing in 10-3/4" casing spool. Cut off 7-5/8" casing and install 7-1/16" - 10,000# x 10" - 5000# tubing head with 7-1/16" - 10,000# x 10" - 5000# + 10" - 5000# x 13-5/8" - 5000# double studed flange. Nipple up 1500 series 13-5/8" BOP and Hydril. Pressure test rams to 5000#, Hydril to 3500#, and casing to 3000#. Drill out cement, float equipment, and 10' of new formation. Test casing seat to 14ppg mud equivalent.
6. Drill 6-1/2" hole to 11,700'±. Anticipate gas pressure from Atoka - Morrow 10,250-11,700'. Drill stem test is anticipated in the Morrow Zone @ 11,250'. DST flow periods and shut-in time will be determined on location. Run GR - BHC, FDC - CNL, and DLL - MSFL logs.
7. Based on log evaluation, run 5-1/2", 17#, N-80, SFJ triple seal liner. Top of liner to be 300' inside 7-5/8" casing. Cement with 300 sxs Class "H" with 5% KCL, 0.6% CFR-2, 0.3% Halad-22A, and Retarder. Displace cement with clean, fresh water treated with 2% KCL and non-emulsifying agent (2 gallons NE per 1000 gallons water).
8. Perforations, acid job, and additional stimulation to be determined after log evaluation.