EXHIBIT "F"

DELTA FEDERAL #1
SUPERIOR OIL

HOLE SIZE & CASING PROGRAM

Set 50' $\pm$ of 20" 94# H-40 STC casing using rat hole machine. Cement to surface with redi-mix cement.

17-1/2" hole to 500' Ran 13-3/8" 48# H-40 STC casing & cement to surface w/520 sacks Class "C" + 2% $CaCl_2$ + 5#/sack Kolite. 100% open hole excess. Cut off 20" and 13-3/8" casing. Install 13-3/8" slip-on casing head with 12"-3000# WP top flange. NU 5000# Hydril. Test casing to 500 psi and Hydrill to 2000 psi.

12-1/4" hole to 1570' $\pm$ (50' into Delaware) Anticipate lost circulation with possiblity of dry drilling. Ran GR-BHC log. Run 10-3/4" 40.5# K-55 STC casing using four centrailizers & cement to surface with 600 sacks Calss "C" 50:50 poz 3 + 3% gel + 5#/sack salt + 1/4#/sx Celloflake followed by 100 sacks Class "C" + 2% $CaCl_2$. 100% open hole excess. Land 10-3/4" casing. Install 3000# casing spool. NU 13-5/8" 5000# BOP's and Hydril. Test rams to 3000#, Hydril to 2500# and casing to 1500 psi. Install mud logging unit.

Drill 9-1/2" hole to 9350' $\pm$ (1000' max into Wolfcamp) Log as per program. Ran 7-5/8" 26.4, 29.7, 33.7#, N-80 & S-95 LTC casing to bottom and cement with 630 sacks Class "H" + 0.3% turbulence inducer _ 0.4 gals/sack fluid loss additive + 0.1% retarder + 5#/sack Kolite. Cement volume based on 40% open hole excess, giving 3000' of cement. Land 7-5/8" casing, cut off and install 6"-5000# X 10"-3000# tubing head with 6"-5000# X 10"-5000# spool. NU 5000# 13-5/8" BOP's 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 11.5 ppg mud equivalent.

Drill 6-1/2" hole to 12,500' Anticipate gas pressure from Atoka-Morrow 10470-11900'. Log as per program. Drill stem test is anticipated in the Morrow Zone @ 11,500'. Based on log evaluation, run 5" 18# N80 HSRJP liner with top of liner 300' inside of 7-5/8" casing. Cement with 100 sacks (batch mix) self stress cement + 0.1% retarder. Displace cement with clean fresh water treated with 3% KCL and non-emulsifying agent (2 gals NE per 1000 gallons water).