

SUPPLEMENTAL DRILLING DATA

Bettis, Boyle & Stovall
Poker Lake Unit No. 71
660' FNL & 1980' FWL
Sec. 33, T23S, R30E
Eddy County, N.M.
LC-069108

The following information is filed in accordance with 'Onshore Oil and Gas Order' No. 1:

1. Geologic Name of Surface Formation: Recent

2. Estimated Geological Marker Tops:

| | | | |
|---------------|--------|-------------|---------|
| Rustler | 370' | Bone Spring | 7,930' |
| B/Salt | 3,500' | Wolfcamp | 11,340' |
| Delaware Lm | 4,080' | Strawn | 13,035' |
| Delaware Sd | 4,100' | Atoka | 13,190' |
| Cherry Canyon | 5,150' | Morrow | 14,100' |
| Brushy Canyon | 6,350' | | |

3. Estimated Depths to Oil, Gas and Water Zones:

Water: above 450'
Gas : below 14,100'

4. Proposed Casing and Cement Programs:

See Form 3160-3. Listed below are the grade ratings for each casing and liner strings:

20" Conductor - J-55, ST&C casing
13 3/8" Surface - J-55, ST&C casing
9 5/8" Production - P-110, LT&C casing
7 5/8" Drilling Liner - P-110 liner
5 1/2" Production Liner - P-110 liner

5. Proposed Mud Program:

0 - 600' Spud mud, circulating steel pits. Add Cotton-seed Hulls and Mil-Fiber for lost circulation. Mud wt. 8.4-9.0, 32-38 viscosity, pH 10.0

660 - 3,650' Brine water adding lime for pH control. Sweep hole periodically with viscous salt gel pills while drilling and prior to running casing. Mud wt. 9.8-10.2, 28-30 viscosity, pH 9.0-10.5.