

PROPOSED CASING AND CEMENTING PROGRAM

| <u>Size<br/>Of Hole</u> | <u>Size<br/>Of Casing</u>                 | <u>Weight Per Foot</u>                               | <u>Setting Depth</u> | <u>Quantity of Cement</u> |
|-------------------------|-------------------------------------------|------------------------------------------------------|----------------------|---------------------------|
| 26"                     | 20"                                       | 94# H-40                                             | 200'                 | *500 sx                   |
| 17-1/2"                 | 13-3/8"                                   | 61# K-55 & 68# S-80                                  | 5,300'               | *3000 sx                  |
| 12-1/4"                 | 10-3/4"                                   | 60.7, 55.5 & 51.0# N-80 &<br>51.0, 55.5 & 60.7# O-95 | 12,700               | ** 600 sx                 |
| 9-1/2"                  | 7-5/8" Lnr                                | 39# O-95                                             | 12,200'-17,100'      | 700 sx                    |
| 6-1/2"                  | 5" Lnr                                    | 23.1# P-110                                          | 16,600'-T.D.         | 200 sx                    |
|                         | 5" x 7-5/8"<br>Tieback<br>(if productive) | 33.7, 29.7, 39.0, 23.1#<br>O-95, 23.1# P-110         | 0 - 16,600           | 300 sx                    |

All casing will be new.

\* Cement to surface.

\*\* Cement to approximately 1,000' above shoe.

MUD PROGRAM

|                 |                 |
|-----------------|-----------------|
| 0 - 200         | Spud Mud        |
| 200 - 5,300     | Brine Water     |
| 5,300 - 12,700  | Brine Water     |
| 12,700 - 17,100 | Fresh Water Mud |
| 17,100 - T.D.   | Fresh Water Mud |

See "Development Plan for Surface Use", "Blowout Preventer Equipment" and "Rig Layout" attached.

The maximum expected formation pressure is 9,800 psi at 14,000'.