MUD PROGRAM

Depth	Mud Type	Weight #/Gal	Viscosity	Water Loss
0' - 450'	Water, Native Mud	8.5 - 8.6	----	----
450' - 2750'	Fresh Water & Salt water	8.6 - 9.0	----	----
2750' - 8000'	Fresh Water	8.4 - 8.5	----	----
8000' - 9500'	Fresh Water Mud	8.7 - 9.0	34 - 36	10 - 12
9500' - 11000'	Fresh Water Mud	8.8 - 9.1	36 - 38	4 - 6

BLOW OUT PREVENTER PROGRAM

Below 8 5/8" @2750' 5000# Hydralic preventers will be used with 5000# manifold assembly. The blowout preventers shall be pressure tested to rated working pressures by an independent tester. The pipe rams shall be actuated at least once every 24 hours and blind rams on each trip out of hole. Blowout prevention drills shall be run to be sure each drilling crew is properly trained to carry out emergency duties.

Also included will be mud system monitoring equipment with proper indicators and alarms.

CEMENT PROGRAM

Surface Casing:
300 sacks of Class C Cement with 1/4" Flocel and 2% CaCl.

Intermediate casing:
800 sacks of Class H Cement with 1/4" Flocel, 5# salt and 10# sand per sack.

Production Casing:
Sufficient class cement to well cover all zones of interest.

FORMATION TOPS EXPECTED

Queen	1790'	Canyon	8,750'
Penrose	2035'	Strawn	9,380'
Grayburg	2270'	Atoka	9,880'
Premier	2490'	Morrow	10,065'
San Andres	2525'	Chester	10,400'
Wolfcamp	7320'	Miss. Ls.	10,700'
Cisco	8310'		

(EXHIBIT "F")