

### **Pressure Control Equipment:**

Pressure control equipment will include a 3000# WP blowout preventer stack, with Series 900 blind and pipe rams. The BOP stack will include a kill line and choke manifold tested to 1000 psi. BOP hydraulic controls will be operated at least daily. A BOP schematic is attached showing the assembly for a 5000# BOP, although the assembly will be modified slightly to the 3000# model that will actually be used during drilling.

### **Circulating Medium:**

Arrington anticipates the following mud program:

0' – 650'	Spud / Native 8.6-9.0 ppg. Vis. Of 28-36
650' – 1800'	Freshwater / Oil 9.0 – 9.4 ppg. Vis. of 32 - 34
1800' – 4500'	FW / Oil / Cut Brine 9.9 – 10.3 ppg. Vis. of 32 – 34
4500' – 7900'	Cut Brine / MF-55 8.8 – 9.0 ppg. –Vis. of 28 – 32
7900' – 9400'	Cut Brine / XCD 8.8 – 9.0 ppg. –Vis. of 32 – 34
9400' – 12000'	Cut Brine / XCD / Starpac 9.0 – 9.2 ppg. –Vis. of 34 – 40
12000' – 13500'	Cut Brine / XCD / Starpac 9.0 – 9.6 ppg. –Vis. of 42 – 48

### **Auxiliary Equipment:**

A full-opening safety valve, to fit the drill string in use, will be kept on the rig floor at all times.

### **Testing, Logging and Coring Program:**

<u>Samples:</u>	Samples will be caught at 10' intervals from surface to TD.
<u>DST and Cores:</u>	At discretion of well site geologist at Wolfcamp, Atoka and Morrow.
<u>Logging:</u>	Anticipate Neutron–Density, Gamma-Ray, Sonic and optional FMI.

