

#### POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAMS)

A BOP equivalent to Diagram 1 will be nipped up on the surface casinghead. A BOP equivalent to Diagram 2 will be nipped up on the 1st intermediate casinghead. Each entire BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. will be hydro-tested to the lowest rated working pressure of the equipment being tested. In addition to the rated working pressure test, a low pressure (200 psi) test will be required. These tests will be performed:

- a) Upon installation
- b) After any component changes
- c) Three days after installation for Diagram 2
- d) Thirty days after a previous test
- e) As required by well conditions

A function test to insure that the preventers are operating correctly will be performed on each trip.

#### POINT 5: MUD PROGRAM

<u>DEPTH</u>	<u>MUD TYPE</u>	<u>WEIGHT</u>	<u>FV</u>	<u>PV</u>	<u>YP</u>	<u>FL</u>	<u>Ph</u>
0' - 650'	FW Spud Mud	8.5 - 10.0	35-40	NC	NC	NC	NC
650' - 4,100'	BW	10.0	29-30	NC	NC	NC	NC
4,100' - 11,900'	Cut BW	8.8 - 9.3	29-30	NC	NC	NC	NC
11,900' - TD	BW	10 - 13	36-40	14-20	12-18	10-20	10

#### POINT 6: TECHNICAL STAGES OF OPERATION

##### A) TESTING

No drill stem tests are anticipated

##### B) LOGGING

GR/CNL/LDT/Caliper and GR/DLL/MSFL from TD to T/Delaware Sands. Gr/CNL in cased hole from 9-5/8" to surface.

##### C) CORING

No cores are anticipated.