

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>
12675 - 13600'	Brine Water	10#	NC	NC	NC	NC	9.5
13600 - 14440'	Weighted Mud	10.0-14.5	38-42	4-5	8-10	10	9.5
14400 - 15350'	FW Mud Polymer	10.0-12.5	32-42	NA	2-11	10	9.5

POINT 6: TECHNICAL STAGES OF OPERATION**A) TESTING**

Drill stem tests are not anticipated.

B) LOGGING

GR-CNL-LDT, GR-DIL-MSFL run from TD (15350') to 12675', SHDT run from TD (15350') to 12675'.

C) CORING

None.

D) CEMENT

<u>INTERVAL</u>	<u>AMOUNT SXS</u>	<u>FT OF FILL</u>	<u>TYPE</u>	<u>GALS/SX</u>	<u>PPG</u>	<u>FT/SX</u>
Protective	200 (35% excess w/TOC @ 12175')	2265	Class "H" with .6% Gas Stop + .6% Halad 22A + .4% CFR-3 + 5# KCL	5.5	15.6	1.24
Production Liner	200 (35% excess)	1410	Class "H" with .6% Gas Stop + .6% Halad 22A + .4% CFR-3 + 5# KCL	5.5	15.6	1.24

DIRECTIONAL DRILLING

No directional services anticipated.

POINT 7: ANTICIPATED RESERVOIR CONDITIONS

Abnormal pressures may be encountered throughout the Strawn and Atoka sections. Control with mud weight. Normal pressures are anticipated throughout the Morrow section.

BHP 7819, psi maximum or ECD of 11.0 ppg, BHT 200 - Strawn.

BHP 8986, psi maximum or ECD of 12.5 ppg, BHT 210 - Atoka.

BHP 8513, psi maximum or ECD of 11.0 ppg, BHT 228 - Morrow.

Lost circulation should not be a problem.