

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' - 420'	FW Spud Mud	8.5 - 9.2	45-35	NC	NC	NC	NC
420' - 6200'	Brine	9.8 -10.0	28-30	NC	NC	NC	9-10.5
6200' - 7500'	Brine/ Starch	9.8 -10.2	30-38	2-5	4-8	<100	9-10.5

**Will increase vis for logging purposes only.*

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

None anticipated.

B) LOGGING

GR-CNL-LDT-AIT from TD to 3100'.
GR-CNL from 3100' to surface.

C) CONVENTIONAL CORING

None anticipated.

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>FT³/SX</u>
SURFACE: Circulate cement to surface.						
Lead 0-250 (100% excess)	85	250	Interfill C	14.35	11.9	2.49
Tail 250-420' (100% excess)	115	170	Class C + 2% CaCl ₂	6.32	14.82	1.34
PRODUCTION: 500' above uppermost hydrocarbon bearing zone (est. TOC @ 2916')						
2916-7500'	600	4584	Premium Plus + 1% Zone Sealant + Nitrogen	6.30	8.5/13.0	1.83/1.50