

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' - 350'	FW Spud Mud	8.5 - 9.2	45-35	NC	NC	NC	NC
350' - 4000'	Brine	9.8 -10.0	28-30	NC	NC	NC	9-10.5
4000' - TD	Brine/ Starch	9.8 -10.2	32-38	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-ND-HALS from TD to 3000'.

GR-CNL from 3000' 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>
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SURFACE: Circulate cement to surface.

Lead 0-150 (100% excess)	35	150	Interfill C	14.35	11.9	2.49
Tail 300-600' (100% excess)	75	350	Class C + 2% CaCl ₂	6.32	14.82	1.34

PRODUCTION: Circulate cement to surface

Lead 0-3000' (100% excess)	400	3000	Interfill C + 2% CaCl ₂	14.35	11.9	2.49
Tail 3000-4400' (50% excess)	220	1400	Super H + 0.3% CFR3 + 0.4% Halad 344 + 3#/sx Salt	9.01	13.0	1.70