

POINT 5: MUD PROGRAM

DEPTH	MUD TYPE	WEIGHT	FV	PV	YP	FL	Ph
0' - 700'	FW Spud Mud	8.4 - 9.0	32-38	NC	NC	NC	10.0
700' - 3350'	BW	10.0 - 10.2	29	NC	NC	NC	9.5-10.5
3350' - 11000'	FW/Cut Brine	8.4 - 10.0	28-29	N	NC	NC	9.5-10.5
11000' - 14500'	Brine, XCD Polymer, PolyPac	10.0 - 11.0	34-42	2:5	2:5	12-8cc	9.0-9.5

POINT 6: TECHNICAL STAGES OF OPERATION

A) TESTING

None Anticipated.

B) LOGGING

Run One: GR-CNL-LDT and DLL-MSFL with GR 11000' to 3350'
with GR-CNL to surface.

Run Two: GR-CNL-LDT and GR-DLL-MSFL from 14500' to 11000'.

C) CORING

None Anticipated.

D) CEMENT

INTERVAL	AMOUNT SXs	FT OF FILL	TYPE	GALS/SX	PPG	FT ³ /SX
SURFACE						
Lead	525 (200% excess circ to surface)	400'	Pacesetter Lite + 6% Gel + 2% CaCl ₂ + 1/4#/sx Flocele	10.96	12.39	2.00
Tail	365 (200% excess circ to surface)	300'	Class "C" + 2% CaCl ₂ + 1/4#/sx Flocele	6.32	14.82	1.34
1ST INTERMEDIATE						
Lead	795 (75% excess circ to surface)	3050'	Pacesetter Lite + 6% Gel + 5% Salt + 1/4# Flocele sx	10.96	12.53	2.01
Tail	100 (75% excess circ to surface)	300'	Class "C" + 5% Salt + 1/4#/sx Flocele	6.3	14.91	1.34
2ND INTERMEDIATE						
First Stage Lead	225 (40% excess to DV Tool)	3001'	Pacesetter Lite (H) + 6% Gel + .6% CF-2 + .1% LWL	10.59	12.59	1.88
Tail	105 (40% excess to DV Tool)	1000'	Class "H" Cement + 8#/sk CSE + 1% CF-14	7.98	14.03	1.61