

RANGER WELL NO. 20

PROPOSED MUD PROGRAM SUMMARY

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	% SOLIDS	COMMENTS
Surf - 425'	8.5-9.1 ppg	34-38 sec/1000 cc	No Control	---	Spud Mud
425' - 1900'	9.1-9.6 ppg	32-34 sec/1000 cc	No Control	---	Fresh Water / Native Mud
1900' - 4200'	10.0-10.2 ppg	33-35 sec/1000 cc	No Control	---	Brine Water Added
4200' - 7600'	8.6-8.8 ppg	28-29 sec/1000 cc	No Control	---	
7600' - 11800'	8.7-9.1 ppg	33-36 sec/1000 cc	No Control	< 2	
11800' - 13250'	8.7-9.1 ppg	36-40 sec/1000 cc	No Control	< 2	Driscopac+ / Starch