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PHILLIPS PETROLEUM COMPANY
Odessa Area, Eastern Permian Production
4001 Penbrook
Odessa, Texas 79762

PROPOSED MUD PROGRAM

JAMES E WELL NO. 5

DEPTH	API MUD WEIGHT lb/cu ft	API VISCOSITY cP	FLUID LOSS cc/30 min	CL PPM	% SOLIDS	ADDITIVES
Surf - 475'	8.3-9.0 ppg	28-36 sec/1000 cc	-	-	-	Native Solids
475' - 3700'	10.0 ppg	29-32 sec/1000 cc	-	Saturated	-	Native Solids
3700' - 5700'	8.3-9.5 ppg	28-36 sec/1000 cc	-	-	-	
5700' - 7700'	8.5-9.0 ppg	32-38 sec/1000 cc	20 cc or less	-	-	Gel/Drispac Plus

Remarks: Use DBX dripped into flowline 10-15' upstream from lower end if extra settling of solids is desired while circulating the reserve.

The Mud Engineer shall include on each test report the materials used for the previous 24 hr. period. Twice weekly mail copies of the test reports to:

A. C. Sewell
4001 Penbrook
Odessa, Texas 79762

Send two copies of the Well Recap (Final Cost & Engineering Summaries) to A. C. Sewell at the above address.

regpro/jmap1/mudprog4