

*Philipp*  
*Callan* *Est #9*  
*11M-801*  
 \*Attachment to previously approved A.P.D. *34-175-33E*  
*505*

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf - 1500'	8.5-9.5 pp9	30-36 sec/1000 cc	-	-	-	Native Solids, Paper
1500' - 4000'	10.0-10.4 pp9	29-32 sec/1000 cc	-	Saturated	-	Native Solids, Paper
4000' - 4800'	10.0-10.3 pp9	29-32 sec/1000 cc	5-7 cc / 30 min	Saturated	-	Starch/Drispac Plus (5:1)

Remarks: Do not use Magna Fiber for LCM. Use DBX dripped into flowline 10-15' upstream from lower end if extra settling of solids is desired while circulating the reserve. A waterflow is possible from 1600' to 2700'.

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.

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 JAN 12 12 04 PM '90