



TEXAS MUD AND CHEMICAL CO.

P. O. BOX 1966

PHONE A/C 915/381-0400

ODESSA, TEXAS 79760

Depco, Inc.
800 Central
Odessa, Texas 79761

Attn: C. O. Bizzell

Dear Carl:

Following is a proposed mud program for your Bogle Federal Com. #1.

0 - 400'	Spud Mud, Vis. 34-36 for hole conditions.
400 - 1900'	Drill with fresh water and native mud for hole conditions. Use Mud Seal for seepage.
1900 - 5000'	Drill with fresh water circulating reserve for solids control. Add Lime for P.H. control 10-11.5. Add Mud Seal as needed for seepage.
5000 - 8000'	Raise Vis. 32-33 for Abo shale. Add 3% KCL. For D.S.T. sweep hole with salt gel and visbestos.
8000 - 8600'	Mud up. Vis. 32-34, W/L 20cc or less. Maintain 3% KCL. Wt. 9.2 - 9.4.
8600'	Lower W/L 5cc or less to go into marrow. Raise Vis. 38-40 for D.S.T. and logging.
Drilling Hazards:	None
Est. Mud Cost:	\$16,000.00
Engineer:	J.F. "Red" Nimmons

We greatly appreciate the opportunity of submitting this mud program for your consideration.

Sincerely,

Leon Koonce
Texas Mud & Chemical Company
Leon Koonce, President