

# MUD PROGRAM

LUKE FEDERAL WELL NO. 2

| DEPTH         | MUD WEIGHT  | VISCOSITY         | FLUID LOSS    | CL PPM    | % SOLIDS | ADDITIVES        |
|---------------|-------------|-------------------|---------------|-----------|----------|------------------|
| Surf - 850'   | 8.3-9.0 ppg | 28-36 sec/1000 cc | -             | -         | -        | Native Solids    |
| 850' - 4500'  | 10.0 ppg    | 29-32 sec/1000 cc | -             | Saturated | -        | Native Solids    |
| 4500' - 5500' | 8.3-9.5 ppg | 28-36 sec/1000 cc | -             | -         | -        |                  |
| 5500' - 8700' | 8.5-9.0 ppg | 32-38 sec/1000 cc | 15 cc or less | -         | -        | Gel/Drispac Plus |

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.