

EXHIBIT "F"
C & K Petroleum, Inc.
Exxon Federal Com. #2
2310 FEL & 1650 FSL, Sec. 17
24S, 26E, Eddy County, NM

RECOMMENDED DRILLING FLUID PROGRAM

| Depth f' | Mud Weight ppg | Viscosity sec/l | API Filtrate ml | | | |
|-----------------|-------------------|--------------------|--------------------|---|--|--|
| 0' - 450' | 8.7-9.0 | 34-38 | NC | Spud with Drilling Gel and Lime, maintaining as needed to set surface pipe. | | |
| 450' - 5600' | 10.0 | 28 | NC | Drill out with 10.0 ppg brine water, adding Lime for pH control. Use Salt Gel and Paper sweeps for fill removal. | | |
| 5600' - 9000' | 9.4-9.6 | 28 | NC | Drill with cut brine water, using Lime for pH. Add Paper as needed for seepage and Salt Gel-Paper sweeps for hole cleaning. | | |
| 9000' - 11200' | 10.0-10.2 | 28 | NC | Displace with 10.0 ppg brine, using Caustic Soda for pH control. Adjust the water weights as needed with Soda Ash for Strawn pressures. | | |
| 11200' - 12000' | 10.-10.2 | 34-36 | 5-7 | Before drilling the Morrow, add Sea Mud, Drispac, Soda Ash and Caustic Soda to obtain and maintain the above properties. | | |