

EXHIBIT "E"

PETROLEUM DEVELOPMENT CORPORATION
Sun-McKay Federal #.2
1980' FEL 1980 ' FNL, Sec. 10, T19S, R32E
Lea Co unty, New Mexico
Lease: NM 12413-A
(640 acres)

MUD PROGRAM:

0-400	Gel and lime spud mud. No problems anticipated.
400-4200	Brine water. Treat for lost circulation in Seven Rivers by bringing viscosity to 34 sec. with gel and visquick; add hulls and fiber. Add two sacks per tour of paper, hulls and fiber. If complete returns are lost, drill with fresh water with no circulation. Before pulling drill pipe prior to running casing, if lost circulation has occurred, pump in 300 barrels of viscous mud (70-80 sec.) to flush out any cuttings that may be below the loss zone.
4200-10500	Drill with fresh water and detergent using lime for pH control (or sodium bichromate for corrosion protection). If a commercially productive zone is indicated, water loss will be reduced to below 20 cc.
10500-12400	Drill with 9.4-9.6# cut brine, viscosity 31 sec. Water loss control: below 20 cc., if potential pay zones have been encountered previously. Prior to penetrating the Morrow pay zones, water loss will be reduced to 6-8 cc.
12400-TD	Increase weight to 10.3# by 12,400. Before drilling the Wolfcamp formation, flow-line flow sensor, pit volume totalizers, mud gas separator and pump stroke counter will be installed.