/ \		1			0.0000000000000000000000000000000000000	COLUMN STREET, STRE	S MARTIN CONTRACTOR OF
	1	( MPANY ARCO		WELL	COUN	TY PF	ROS.
	A Division of HALLIBURTON Dompany	LD		OCATION	20,	18S,	32E
$\mathbb{N}$	2400 West Long South, P.O. Boil 22805 Mouston Texas 77027 ArC 713 622 5555	COUNTYLEA	STATE	NEW	MEXI	.CO	

SUGGESTED MUD	PROPERTIES	(CONTINUED)
---------------	------------	-------------

#### PROPOSED DEPTH: 13,500'

DEPTH (FEET)	MUD WEIGHT (PPG)	VISCOSITY (SEC)	FLUID LOSS (ML)
11,500	10.0	34 - 36	10 - 15
12,000	10.0	34 - 36	10 - 15
13,000	10.0	34 - 36	8 cc
13,500	10.0	34 - 36	8 cc

#### PROPOSED MUD PROGRAM BY CASING INTERVAL

# <u>Surface 0' - 600</u>\*

No problems are anticipated through this interval. Spud with an IMCO-Gel/lime slurry having a viscosity of 32 - 34 sec. This fluid should be adecuate to safely drill the surface hole and insure casing operations. Should loss of circulation be encount-ered, the addition of cottonseed hulls and IMCO-Paper should rectify this problem.

### Intermediate 600' - 4,500'

We suggest drilling from under the surface casing with brine water. While drilling this interval of hole, we suggest circulation be through the reserve pit and a flocculant added as needed to minimize the build-up of suspended solids. IMCO-MD (drilling detergent) has been effective in the area in controlling solids and in torque reduction. For corrosion protection, we recommend the pH of the system be maintained in the range of 10 - 10.5.

Loss of fluid through this interval has not been a problem and is not anticipated on your proposed well. Should fill-up be encountered, we recommend a light treatment of INCO-Eest. This treatment should restore good hole donditions and insure logging and casing operations.

# <u>Open Hole 4,500' - 13,500'</u>

Drill out from under the intermediate casing with fresh water, circulating the reserve pit and employing the use of a flocculant (Ben-Ex) to minimize solids. Loss of fluid (seepage) through this interval can be expected, but is normally overcoment of paper type loss directation material. This fluctuation adequate for the safe drilling to approximately 11,000'. Use this type fluid to 11,000' and displace hole with 10.0 ppg brine water.