

December 7, 1972

COMMENTS:

1. There is a possibility you may encounter high pressure gas in the Strawn-Morrow Section that will require a drilling fluid weight in excess of 10.0 lbs/gal. to control.

In the event high pressure gas is encountered, suggest raising weight of drilling fluid with Soda Ash to 10.2 - 10.5 lbs/gal.

2. There is a possibility you may encounter high pressure gas in the Strawn-Morrow Section that will require a drilling fluid weight in excess of 10.5 lbs/gal. to control.

In this event suggest reducing water loss of drilling fluid to 1.0 cc or less with My-Lo-Jel and raise weight of drilling fluid with Magcohar or displace the brine water system with a premixed fresh water Lignosulfonate weighted system.

3. The proper use of drilling head equipment, Swaco's separator, degasser, adjustable chokes, etc. is very important from 10,000' to total depth. All of this equipment is necessary in the drilling of this well.

ESTIMATED MUD COST: \$10,000.00 to \$20,000.00

The estimated cost is under normal operating conditions and does not include any extensive loss circulation, gas problems, fishing jobs, etc. This cost is also based on a normal drilling rate per day; therefore, any excessive time spent on drilling due to crooked hole, testing, breakdown, etc. would increase mud cost.

I hope the above information will be of benefit to you and if we may be of further service, please do not hesitate to call.

Yours very truly,

MAGCOBAR



R. F. Parker
Regional Engineer

RFP:jb

ENGINEERS:

Olin Stewart
Hobbs, New Mexico
Phone: 393-5337

Travis Young
Hobbs, New Mexico
Phone: 393-6141

WAREHOUSE:

Lovington, New Mexico
Phone: 396-4747

RECEIVED
AUG 27 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO