

**IMCO SERVICES**A Division of HALLIBURTON Company
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Houston, Texas 77027 A/C 713 822-8655COMPANY BURMAH OIL & GASWELL EDDY COUNTY PROS.

FIELD _____

LOCATION SEC. 23, 24S, 28ECOUNTY EDDYSTATE NEW MEXICOPROPOSED TOTAL DEPTH: 13,600'

<u>DEPTH (FEET)</u>	<u>MUD WEIGHT (PPG)</u>	<u>VISCOSITY (SEC)</u>	<u>FLUID LOSS (ML)</u>
10,000	10.0 - 10.2	30 - 34	No Control
10,500	10.0 - 10.2	30 - 34	No Control
11,000	10.0 - 10.2	30 - 34	No Control
11,500	10.0 - 10.2	30 - 34	No Control
12,000	10.2 - 10.4	32 - 34	5 - 6
12,500	10.2 - 10.4	32 - 34	5 - 6
13,000	10.2 - 10.4	32 - 34	5 - 6
13,600	10.2 - 10.4	32 - 34	5 - 6

PROPOSED MUD PROGRAM BY CASING INTERVALSurface Interval 0' - 600'

We suggest spudding with an IMCO-Gel/lime slurry having a 33-36 sec viscosity. Fluid of this nature should keep the hole clean and should be adequate to drill the surface interval and run surface casing.

Intermediate Interval 600' - 7,400'

We suggest drilling out below surface casing with 10 ppg brine and circulate through the reserve pit to minimize solids build-up. Use lime for a 10.0 - 10.5 pH to minimize corrosive effects of the salt water environment. We have suggested the use of brine in this interval to retard the leaching of the shallow salt sections as this sometimes presents other problems with "key-seating", cementing, etc. If additional hole cleaning is needed, we suggest the use of IMCO-Best slugs before trips and periodically while drilling.

Loss of circulation in the Bone Spring Section (around 6,300') is highly possible. In most cases, use of a mud slurry containing paper, fiber and cottonseed hulls will rectify the problem, however, there are those cases of severe loss of circulation which do not seal off with this treatment. In this case, we suggest blind drilling to the intermediate casing seat around 7,400'. This is approximately 1000-1,100 feet into the Bone Spring.