

Phantom Draw Unit Well No. 2  
 Wildcat  
 1320' FW & SL, Sec. 16, T-26-S, R-31-E  
 Eddy County, New Mexico

GENERAL MUD PROGRAM

<u>Depth</u>	<u>Weight, PPG</u>	<u>Vis</u>	<u>FL</u>	<u>PH</u>	<u>REMARKS</u>
0 - 1000'	8.6 - 8.8	32-34	NC	--	FW Spud Mud If Required.
1000' - 4000'	10.0 - 10.2	27-28	NC	10.5	Saturated brine wtr. Circ reserve pit for solids control. Use asbestos slugs for hole cleaning if necessary.
4000' - 12,000'	9.2 - 9.6	27-28	NC	10.5	Drill out w/brackish wtr. Circ reserve pit for solids control to approximately 10,000' and then go thru steel pits to csg point. Use lime for PH control. Use asbestos slugs for hole cleaning if necessary. Use paper and fiber if seepage occurs.
12,000' - 15,600'	10.5 - 14.5	36-40	10-15	10.5	Drill out w/10.5 ppg FW Ben-ex non-dispersed mud. Gradually increase density as req'd for safe tripping thru Lwr Wolfcamp and Penn sections. Add LCM (Kwikseal and/or Imco Plug) as req'd if mud weights exceed 14.5 PPG.

NOTE: A detailed mud program prepared by Imco Services will be available in the company trailer house. This mud program provides background information in the general area and outlines some basic recommendations as to how certain anticipated drilling problems should be handled. This mud program will serve as a guide only.

BJK:lf