



Date February 19, 1979
 Company The Superior Oil Co. Location Sec. 14 - T 255- R25E
 Well Name Meander State #1 For Mr. Eads
 County Eddy State New Mexico

MUD RECOMMENDATIONS				CASING		FORMATION TOPS
Depth ft	Mud Weight ppg	Viscosity sec/qt	API Filtrate ml	16" 20"	9 5/8" 7 5/8" 5"	
0-500'	8.3-8.6	35-45	No Control			Deleware lime 2000'
Spud mud: Use Del Gel and lime.						
500'-2000'	8.6-10.0	32-34	No Control			4000'
Native mud--circulate in controlled reserve system with fresh water additions at flowline to control native viscosity. Use drilling paper for seepage.						
2000'-8600'	8.4-9.2	32-36	No Control			5000'
Displace hole with fresh water and circulate a seperate controlled section of the reserve pits. Use Ben-ex and Del Det for solids control and improved penetration rate. Use drilling paper for seepage and lime for a 9.5-10.5 pH. Have weight to 9.2 with brine before drilling Wolfcamp.						
8600'-11700'	9.4-9.5	34-42	5-10cc			Bone Springs 6000'
Return fluid to steel pits and add 3%-5% KCL to the brine to protect the shales and for maimum hole stability. Use paper for seepage control and caustic for pH. Prior to drilling Morrow mud up by treating out all hardness with soda ash and use Starlose and Drispac and maintain 3%-4% KCL.						
						7000'
						3rd. Bone Springs 8000'
						Wolfcamp 9000'
						10,000'
						Strawn Atoka
						11,000'
						Morrow 12,000'