## auid Engineering, Inc.

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5000 West Industrial

## MIDLAND, TEXAS 79703

State New Mexico County Lea Superior Oil Company ompany Prepared for Mr. Larry Ivie Mescalero Ridge-Com. /ell Name Date 3-12-80 al Description

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MUD RECOMMENDATIONS				С	ASING	FORMATION TOPS
Depth ft.	Mud Weight pp <b>g</b>	Viscosity S <del>ec</del> ./Qt.	AP1 Filtrate ml	<u>0</u> i1		
0 - 600'	8.4 - 8.8	36-40	NC			
Spud with Fresh Water Gel floculated with Lime. Use Paper and Fiber for loss circulation or seepage.					 	
600'-5400'	8.8 - 10.4			-6%		
32-34 viscosi cosity consta adding 5 - 6%	h fresh water. ty. Care should nt because of tr oil at 1500' to asing point. Ac g salt section t seepage.	be taken to main oublesome redbec 1700' and maint ditions of bring	intain vis- ds. We sugges cain 4 - 6% at e can be added	t		
5400 <b>-</b> 11,5 <b>00'</b>	8.4 - 9.2	28	NC			
Drill out with fresh water. We suggest staying in reserve pit to keep a good penetration rate. The use of Benex and Drilling Detergent will help to keep a low solids system.						
Lime as neede Note: At 10, brine to rais shale problem	d for PH control 500' or top of W e cholrides to 8 is if brine is to en to adding 6-8	. Use Paper for olfcamp we sugge 0,000 - 100,000p o expensive. Co	r seepage. est adding opm. to preven onsideration	L .		- -
11,500-13,400	9.2 - 10.5	32-36	12-15cc.		_	
with Soda Ash lower water-1 raise viscosi	el pits. Treat . Then add 1/2 .oss to 12-15cc. .ty with Sea-Mud. .t arise, we sugg	to 3/4 lb./bbl. If hole condit: Should the new	Mon-Pac to ions warrant ed to raise		  	