PROPOSED WELL PLAN OUTLINE

WELL NAME: SEMU EUMONT NO. 109

COUNTY: LEA

LOCATION: 840'FSL & 1980' FWL
Sec. 14, T-20S, R-37E

STATE: NEW MEXICO
EST. KB: 3552'
EST. GL: 3540'

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE (IN)	CASING SIZE (IN)	CASING DEPTH (FT)	FRACTURE GRADIENT (PPG)	FORMATION PRESSURE GRADIENT (PPG)	MUD WEIGHT (PPG)	MUD TYP
	Surface-Pliestocene Sand Water Sand 50'-150'		Drilling time recorder Deviation Geolograph 0'-TD		24# K-55 STC					
1000	Rustler 1290' Salado 1380'			12-1/4	8-5/8	1350'	12.0-13.0	8.3-8.5	8.5 9.0	Spud
2000		Possible water flow	GR-CNL-FDC TD-1800' GR-DLL TD-1800' Extra Caliper 1800'-Casing							
	Tansill 2510' Yates 2650' Seven Rivers 2910'									
3000										
	Queen 3447' Penrose 3567' Grayburg 3735' TD 3800'		PDC-2600'-3800'		15.5# K-55 STC			Less than 8.5		
4000				7-7/8	5-1/2	3800'	13.0-14.0		9.0-10.0	Salt Gel
5000										

NOTE: IF WATER FLOW ENCOUNTERED, USE D.V. TOOL AND ECP.