

PROPOSED WELL PLAN JUTLINE

WELL NAME **SEMU Burger No. 125**

LOCATION **Section 19, T-20S, R-38E, Lea County, New Mexico**

TVD IN 1000'	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD WT TYPE	DAYS
0					12-1/4"	8-5/8", 24# @ 400' Cemented with 250 cc Class C			Native 8.4- 9.0ppg	
		Red Beds	Possible Swelling in Red Beds						Saturated Brine	
1					7-7/8"					
		Anhydrite	Possible Salt Section Washout							
2		Salt Base 2500' Yates 2648'	Yates and 7-Rivers possibly overpressured Offsets indicate 10+ ppg pressure							
3		Seven Rivers 2898'				5-1/2", 15.5# @ 3650' Cemented with 600 cc Class C			Salt Gel/Brine to log	6-7
		Queen 3470' TD 3650'	Queen possibly pressure depleted Waterflood zone 50 foot below TD	TD - 2500' RLLD/RLLS/RMSFL/GR/CaI CNG/PORDEN/GR/CaI High Resolution Density						
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DATE 26-Jul-93