

PROPOSED WELL PLAN OUTLINE

WELL NAME **Lockhart A-18 No. 8**

LOCATION **Section 18, T-21S, R-36E, 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		Red Beds	Possible Swelling in Red Beds		12-1/4"	8-5/8", 24# @ 120' Cemented with 210 sg Class C			Native 8.4 - 9.0ppg	
1		Anhydrite 1340'	Possible Salt Section Washout		7-7/8"				Saturated Brine	
2		Salt Base 2790'								
		Tanilil 2810'								
3		Yates 3040'	Yates, 7-Rivers, and Queen pressure depleted							
		Seven Rivers 3235'								
4		Queen 3660'		TD - 2600'		5-1/2", 15.5# @ 3830'			Salt Gel/Brine to log	6-7
		TD 3830'		DLL/MSFLGR/Cal CNL/FDC/GR/Cal		Cemented with 1900 sg Class C				
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DATE 11 - Nov - 93