

PROPOSED WELL PLAN OUTLINE

WELL NAME **ANDERSON RANCH UNIT NO. 21**

LOCATION **SEC 1, T16S, R32E, N.M.P.M SURVEY, LEA Co., NEW MEXICO**

Est. GL = 4294'

Est. KB = 4315'

TVD IN 1000'	M	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD WT TYPE	DAYS
0		FRESH WATER @ 300'	LOST CIRC.							
1		RED BEDS	RED BEDS						SPUD MUD	
		RUSTLER ANHYDRITE @ 1250'	SALT SECTION		17-1/2"	13-3/8" 54.5# K-55 ST @ 1300'		8.4		
2		YATES @ 2470'		MUDLOGGERS ON @ 1300'					BRINE GEL	
3		QUEEN @ 3350' GRAYBURG @ 3660'								
4		SAN ANDRES @ 4140'			12-1/4"	9-5/8" 40# L-80 LT & C @ 4200'		8.4		
5		GLORIETA @ 5630'		GR-SONIC-CAL GR-DLL-MSFL GR-CNL-LDT-CAL						
6			SEEPAGE LOSSES							
7		ABO @ 7480'								
8									BRINE/POLYMER	
9		WOLFCAMP @ 8925'	POSSIBLE H2S	POSSIBLE DST WOLFCAMP						
10		CISCO @ 10,560'	SEEPAGE LOSSES							
11		STRAWN @ 11,170'								
12		MORROW @ 11,820' BARNETT @ 12,190'		POSSIBLE DST MORROW						
13		WOODFORD @ 13,160' DEVONIAN @ 13,260' FUSSELMAN @ 13,820'	REACTIVE SHALES POSSIBLE H2S	POSSIBLE DST DEVONIAN	8-3/4"	7" 29# L-80 & S-95 @ 13,800'		8.4		
14		SIMPSON @ 14,110' ELLENBURGER @ 14,330' GRANITE @ 14,530'		GR-SONIC-CAL GR-DLL-MSFL GR-CNL-LDT					BRINE/POLYMER	
15		TD @ 15,150'		POSSIBLE DST ELNBGR.	6-1/8"	5" 15# L-80 FJ LNR @ 15,150'		8.4		
16										

DATE 7/15/1993

PREPARED BY: GLF
DRILLING ENGINEER

REB
GEOLOGIST