

PROPOSED WELL PLAN OUTLINE

WELL NAME **STATE 'D' NO. 20**
 LOCATION **SEC 15, UNIT I, T-21S R-36E**

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"	420'			Spud	1
		Red Beds	Swelling in red beds from surface			8-5/8" 24# K35 STC Circulate to surface 350 SX			Saturated brine 10 ppg	
1		Anhydrite 1240 T/Salt 1340	Salt Section washout	H2S ON AT 1500'						
2		B/Salt 2600' Yates 2752'	Lost circulation to TD		7-7/8"					
3		7-Rivers 3020' Queen 3450' Penrose 3580'	Stuck logs							
4		TD 3720'		TD - B/SALT DLLMSFLGR/CAL CNL/CDLGR (Run GR/CAL to surf 1st run)		3720'		BHP = 200 psi	Gel & Starch at TD	6
5						4-1/2" 11.6# K35 LTC Circulate to surface 960 SX			for logging FL @ 10 cc 10.0 ppg	
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DATE AUGUST 1995

APPROVED **B.E. GOODWIN**
 DRILLING ENGINEER

RECEIVED

AUG 18 1995
JCD HOBBS
OFFICE