

PROPOSED WELL PLAN OUTLINE

Est GL = 3496'

Est KB = 3510'

WELL NAME

DECK ESTATE 7 #1

LOCATION

1930' FSL 990' FWL SECT. 7 T-21S R-37E LEA CO.

TVD IN 1000'	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD WEIGHT & TYPE	DAYS
0					17-1/2"	13-3/8", 48#, H-40 ST&C @ 400'			SPUD	2
1						CIRC CMT -455 SX			10 PPG BRINE	
2		RUSTLER 1270'	WASHOUTS IN SALT SECTION		12-1/4"			Less than 8.3		
		TOP OF SALT 2000'								
		B/SALT 2520'	LOST CIRCULATION TO 5000'							
		YATES 2685'	SEEPAGE TO SEVERE							
3		QUEEN 3975'								
		GRAYBURG 3665'		MUD LOGGERS & H2S MONITOR ON PRIOR TO DRILL OUT		8-5/8", 32#, K-55 STC @ 4000' (Top S.A.)				11
4		SAN ANDRES 3995'		GR-BHC-ZDEN 4000'-400'		CIRC CMT -1620 SX			FRESH WATER	
			POSSIBLE LOSSES TO TD Losses @ 10-40 BPH POSSIBLE DEVIATION TO TD							
5		GLORIETA 5165'	Losses @ 10-100 BPH					Less than 8.4		
6		TUBB MKR 6275'	Losses up to 170 BPH						GEL/SODA ASH @ 6300' OR SOONER TO CONTROL LOSSES WL < 35CC	
7				GR-CAL-LLD-MSFL GR-CAL-ZDEN-CNL-BHC 7200'-4000' (Run at bit trip)	7-7/8"					
8		DEVONIAN 8100'	POSSIBLE SEVERE LOSSES FROM DEVONIAN TO TD							
9										
			POSSIBLE DEVIATION @ 9400' SURVEY EVERY 100' AS NECESSARY WASHOUTS IN MCKEE SAND					8.5-8.8 BHP = 4400 psi	REDUCE WL @ 9400' TO 15 cc MW @ 8.7 - 9.0	
10		MCKEE SAND 9510'		POSSIBLE DST		If casing is run: 5 1/2", 17#, K-55 & L-80 @ 10,100'				36
		GRANITE WASH 10020								
		TD 10,100		GR-CAL-ILD-MSFL GR-CAL-ZDEN-CNL-BHC TD-7200' ROTARY SWC - 20 CORES VELOCITY SURVEY		DV TOOL @ 7900' 0-700' L80 700'-9300' K55 9300'-10100' L80 CIRC CMT -1640 SX				
11										
12										
13										
14										
15										
16										

DATE: **NOVEMBER 4, 1996**

APPROVED: **ROGER WILLIAMSON**
DRILLING ENGINEER