

PROPOSED WELL PLAN OUTLINE

WELL NAME **BARBAR FED #1 (BRAVEHEART EAST PROSPECT)**

Est KB = 3558'

LOCATION **1980' FSL 2310' FWL SECT. 7 T-20S 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			LOST RETURNS, HOLE CLEAING		12-1/4"			NORMAL	SPUD	
		RUSTLER 971'								
1		TOP OF SALT 1066'				8-5/8", 24#, K-55 ST&C @ 1025' CIRC CMT EST. 480 SX				
			WASHOUTS IN SALT SECTION		7-7/8"				10 PPG BRINE	
2		YATES 2430'		H2S EQUIP ON BY 2200'						
		7 RIVERS 2695'								
3		QUEEN 3145'								
		SAN ANDRES 3668'	LOST CIRCULATION 3766'-3857' SEEPAGE TO SEVERE					Less than 8.3		
4										
		GLORIETA 5088'	POSSIBLE DEVIATION TO TD	MUD LOGGERS ON BY 4800'						
5		BLINEBRY 5518'						NORMAL	BELOW 5000' USE ONLY MIX II AND MAGMA FIBER TO CONTROL LOSSES	
6		TUBB 6103'	LOST CIRCULATION						@ 6100' MU UP WITH SALT GEL/MY-LO-GEL WL< 10cc	
		DRINKARD 6418'								
		ABO 6728'						BHP = 3200 psi		
7		TD 7350'		GR-CAL-SP-DLL-MSFL GR-CAL-LDT-CNL-SONIC ROTARY SWC - 20 CORES		If casing is run: 5 1/2" 15.5#, K-55 LTC @ 7350' CIRC CMT EST. 1350 SX				18
8										
9										22
10										
11										
12										
13										
14										
15										
16										

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APPROVED: ROGER WILLIAMSON
DRILLING ENGINEER