

PROPOSED WELL PLAN OUTLINE

KB = 3,555'

ALL DEPTHS ARE

BELOW KB

WELL NAME Warren Unit No. 312

LOCATION 2,500 FSL & 2,600 FWL S27-T20S-R38E

TVC	MD	FORMATION	DRILLING PROBLEMS & COMMENTS	FORMATION EVALUATION	HOLE SIZE	CASING PROGRAM	FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD WEIGHT & TYPE	DAYS
0	0		Possible hole enlargement and sloughing		12-1/4"				Spud	
1000	1000					8-5/8", 24#, J-55 ST&C @ 1400 Circulate Cement		Less than 0.3		
2000	2000	Rustler @ 1300' Top Salt @ 1400'	Washouts in Salt Section		7-7/8"				10 bpg Brine	2
3000	3000			No Mud Log				Less than 0.4		
4000	4000	Base Salt @ 2500' Vares @ 2785'	Possible Deviation	H2S Monitor on at 2650'						
5000	5000	7-Rivers @ 3055'								
6000	6000	Queen @ 3610' Pentose @ 3755'								
7000	7000	Grayburg @ 3945'								
8000	8000	San Andres @ 4170'	Possible losses and seepage to TD			Mud up with Gel-Starch if necessary to control losses.				
9000	9000									
10000	10000	Glorieta @ 5480'	Possible differential sticking through Glorieta			Top Tail Cement @ 5700'				
11000	11000	Brierley @ 5935'								
12000	12000	Tubb Mkr @ 6415'								
13000	13000	Drinkard @ 6720'							Starch/salt gel	1 1/2
14000	14000	TD @ 6950'		SGR-CAL-CNL-FDC MLL DLL PE 2600' TC		8-1/2", 17# J-55, LT&C @ 6950' Circulate Cement				
15000	15000									

Yana Cho, Drilling Engineer

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