

PROPOSED WELL PLAN OUTLINE

WELL NAME: **Warren Unit No. 148**
 LOCATION: **490' FSL & 400' FWL Section 25 T20S-R38E**

GL = 3571'
 ALL DEPTHS ARE
 BELOW GROUND LEVEL

TVD	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							Less than 8.3		
		Rustler @ 1,590' Top Salt @ 1,680'				8-5/8", 24#, J-55 ST&C @ 1,750' 800 sx. Circulate Cement				2
2000	2000		Washouts in Salt Section		7-7/8"				10 ppg Brine	3
		Base Salt @ 2,730' Yates @ 2,880'	Possible Deviation	Mud Logger 2,500' H2S Monitor on at 2,700'				Less than 8.4		
3000	3000	7-Rivers @ 3,130'								
		Queen @ 3,690'								
		Penrose @ 3,845'								
4000	4000	Grayburg @ 4,035'								
		San Andres @ 4,260'	Possible losses and seepage to TD			Mud up with Gel-Starch if necessary to control losses.				
5000	5000									
		Glorieta @ 5,540'	Possible differential sticking through Glorieta							
6000	6000	Blinberry @ 6,000'				Top Tail Cement @ 5,800'				
		Tubb Mkr @ 6,475'								
		Onkard @ 6,785'								
7000	7000	Abo @ 7,035'							Starch	
		TD @ 7,300'								18
8000	8000		Offset Data: Warren Unit #306	SGR-CAL-CNL-FDC-MLL-DLL-PE 2,730'-TD		5-1/2", 17#, K-55, LT&C @ 7,300'. Cement in 1 stg to surface.				

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