

# PROPOSED WELL PLAN OUTLINE

CL = 3561'

ALL DEPTHS ARE

BELOW GROUND LEVEL

WELL NAME **Warren Unit No. 147**  
LOCATION 345' FSL & 1955' FEL S26-T20S-R38E

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	
1300	1000	Rustler @ 1300' Top Salt @ 1400'			8-5/8", 24#, J-55 ST&C @ 1500' 00 sx Circulate Cement			Less than 8.3		2
2000	2000	Base Salt @ 2600' Yates @ 2837'	Washouts in Salt Section  Possible Deviation	H2S Monitor on at 2800'	7-7/8"			Less than 8.4	10 ppg Brine	3
3000	3000	7 Rivers @ 3107'		No Mud Log						
4000	4000	Queen @ 3669 Perrose @ 3820' Grayburg @ 4003 San Andres @ 4290'	Possible losses and seepage to TD			Mud up with Gel Starch if necessary to control losses.				
5000	5000	Glurietta @ 5531'	Possible differential sticking through Glurietta			Top Tail Cement @ 5700				9
6000	6000	Blinberry @ 5920								
7000	7000	Tubb Mkr @ 6466' Drinkard @ 6762' Atso @ 7050' TD @ 7250'							Starch/salt gel	18
8000	8000		Offset Data: Warren Unit #306	SGR-CAL-CNL-FDC-MLL-DLL-PE 2750'-TD	5-1/2", 17#, K-55, LT&C @ 7250' Cement in 1 sty to surface.					

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