

# PROPOSED WELL PLAN OUTLINE

WELL NAME  
LOCATION

SEMU #155  
660' FNL & 660' FEL, Sec 26, T20S, R37E, Lea County, NM

Ground Level : 3,530' Est  
Kelly Bushing: 11' AGL

Depth MD	FORMATION TOPS (from GL)	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING PROGRAM	FRAC GRAD	FORM. PRES. GRAD.	Mud Weight & Type	Days
0		Possible Hole Enlargement & Sloughing		12-1/4"			Less than 8.3	8.4 - 9.5 Fresh	
1000									
	Top Salt @ 1,355'				8-5/8", 24#, J-55 ST&C @ 1,500'				
		Washouts in Salt Section		7-7/8"	Circulate Cement			10 Brine	3
2000							Less than 8.4		
	Base Salt @ 2,495'		Mud Loggers @ 2,600'						
	Yates 2,679'		H2S monitor equipment on @ 2,600'						
3000	7 Rivers 2,930'								
	Queen 3,495'								
	Penrose 3,621'								
	Grayburg 3,780'								
4000	San Andres 3,912'								
		Mud loss in San Andres is likely. Possible loss of returns.							
5000									
	Glorietta 5,230'	Possible differential sticking thru Glorietta Possible lost returns.							7
	Blinberry 5,871'								
6000									
	Tubb 6,375'								
	Drinkard 6,695'								10
7000	Abo 6,999'		First Log Run: GR-CAL-DLL-MLL-SGR-SONIC FDC-CNL-PE : TD to 2000' Pull GR-CNL-Cal to Surf SGR interval to be closer					10 ppg Starch Gel	
	Strawn @ 7,690'		Second Log Run: 60 rotary sidewall cores						
	TD @ 8,050'	Offset data from: SEMU #145 and #146	Possible Third Run: FMI imaging log		5-1/2", 17#, J-55 LT&C set @ 7,875' Circulate cement either single or 2 stage				18
8000	Devonian @ 8,100'								

DATE 09-Feb-01

Al Gomez, Geologist

APPROVED David Delao, Drilling Engineer

Jim Hubbard, Reservoir Engineer