

# PROPOSED WELL PLAN OUTLINE

WELL NAME  
LOCATION

SEMU #156  
660' FNL & 1650' FWL, Sec 25, 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 @ 1,370'				8-5/8", 24#, J-55 ST&C @ 1,500'				3
2000		Washouts in Salt Section		7-7/8"	Circulate Cement		Less than 8.4	10 Brine	
	Base Salt @ 2,510'		Mud Loggers @ 2,600'						
	Yates 2,689'		H2S monitor equipment on @ 2,600'						
	7 Rivers 2,940'								
3000									
	Queen 3,505'								
	Penrose 3,631'								
	Grayburg 3,760'								
4000	San Andres 4,092'								
		Mud loss in San Andres is likely. Possible loss of returns.							
5000									7
	Glorietta 5,268'	Possible differential sticking thru Glorietta Possible lost returns.							
	Blinberry 5,883'								
6000									
	Tubb 6,389'								10
	Drinkard 6,706'								
7000			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 chosen					10 ppg Starch Gel	
	Abo 7,011'								
	Strawn @ 7,665'		Second Log Run: 60 rotary sidewall cores		5-1/2", 17#, J-55 LT&C set @ 8,050'				
	TD @ 8,050'	Offset data from: SEMU #145 and #146	Possible Third Run: FMI imaging log		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