

PROPOSED WELL PLAN OUTLINE

WELL NAME
LOCATION

SEMU #153
990' FSL & 895' FWL, Sec 19, T20S, R38E, Lea County, NM

Ground Level : 3,540'
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 @ 1,400'	Washouts in Salt Section			8-5/8", 24#, J-55 ST&C @ 1,500'				3
2000				7-7/8"	Circulate Cement			10 Brine	
	Base Salt @ 2,550'		Mud Loggers @ 2,600'				Less than 8.4		
	Yates 2,660'	Possible oil production from Yates.	H2S monitor equipment on @ 2,600'						
3000	7 Rivers 2,905'								
	Queen 3,475'								
	Penrose 3,615'								
	Grayburg 3,770'								
4000	San Andres 3,985'								
		Mud loss in San Andres is likely. Possible loss of returns.							
5000									
	Glorietta 5,280'	Possible differential sticking thru Glorietta Possible lost returns.							7
6000	Blinberry 5,830'								
	Tubb 6,325'								
	Drinkard 6,660'								10
7000	Abo 6,930'		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	
	Strawn @ 7,600'		Second Log Run: 30 rotary sidewall cores						
	TD @ 7,850'	Offset data from: SEMU #126 SEMU #139	Possible Third Run: FMI imaging log		5-1/2", 17#, J-55 LT&C set @ 7,850'				17
8000	Devonian @ 7,885'				Circulate cement either single or 2 stage				

DATE

31-Oct-00

Joe Huck, Geologist

APPROVED

David Delao, Drilling Engineer

Joe Miller, Reservoir Engineer