

PROPOSE VELL PLAN OUTLINE

WELL NAME
LOCATION

SEMU #161
990' FNL and 430' FV.L Section 24, T20S, R37E

Ground Level
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'	Circulate Cement			10 Brine	3
2000				7-7/8"			Less than 8.4		
	Base Salt @ 2,550' Yates 2,650'		Mud Loggers @ 2,600'						
	7 Rivers 2,910'		H2S monitor equipment on @ 2,600'						
3000									
	Queen 3,455' Penrose 3,580'								
	Gravburg 3,735'								
4000	San Andres 4,000'	Mud loss in San Andres is likely. Possible loss of returns							
5000		Possible differential sticking thru Giorietta Possible lost returns							8
	Glorietta 5,220'				top tail cmt @ 5,500'				
	Blainebrv 5,790'								
6000									
	Tubb 6,310'								
	Drinkard 6,650'								
	Abo 6,945'								
7000								10 opp Starch	
	Strawn @ 7,800'	Lost of full returns is likely upon drilling into Strawn	First Log Run: GR-CAL-DLL-MLL-SGR-SCNIC FDC-CNL-PE TD to 2000' Pull GR-CNL-Cal to Surf SGR interval to be chosen						
8000		Offset data from: SEMU #122 SEMU Penn #6 SEMU #61	Second Log Run: 60 rotary sidewall cores Possible Third Run FMI imaging log	5-1/2" 17# L-80 LT&C set @ 8,150' Circulate cement either single or 2 stage					19
	TD @ 8,100'								

DATE 30-Nov-01

Ron Keas, Geologist

APPROVED

Pete Ortiz, Drilling Engineer

Rob Lowe, Reservoir Engineer