

PROPOSED WELL PLAN OUTLINE

WELL NAME
LOCATION

Brill #15

990 Fm. T65C FWL Sec 7, T20S R37E, Lea County, NM

Ground Level
Kelly Bushing

3553
11' AGL

Depth MD	FORMATION TOPS from K.S.	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING PROGRAM	FRAC GRAD	FORM PRES GRAD	Mud Weight & Type	Days
		Possible Hole Enlargement & Sloughing		14-3/4"			Normal	8.4 - 9.5 Fresh	
1000	Rustler 1,084' Top Salt @ 1,182'				11-3/4" 42#, WC 40 ST&C @ 1500'				3
2000		Washouts in Salt Section		11"	Circulate Cement			10 Brine	
	Base Salt @ 2,292' Yates 2,420' 7 Rivers 2,707'		Mud Loggers @ 2,380' H2S monitor equipment on @ 2,300'				Less than 8.4		
3000	Queen 3,139' Penrose 3,261' Grayburg 3,436'				DVTool @ 3,500'				
4000	San Andres 3,786'	Barber Fed #1 Lost 10 - 15 BPH in the San Andres with complete losses @ 4,315'					Mud up with salt gel, starch & LCM if dictated by losses		
5000									
	Glorietta 5,105' Paddock 5,205'	Possible differential sticking thru Glorietta Possible lost returns			8-5/8", 32#, J-55 LT&C @ 5,250'				7
	Blinberry 5,599' Blinberry Mk 5,735'			7-7/8"	Circulate Cement			8.4	
6000									
	Tubb 6,288' Drinkard 6,488'	Possible differential sticking thru Tubb Possible lost returns							10
7000	Abo 6,868'		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 Second Log Run: 60 rotary sidewall cores					9.2 Starch Gel	
8000	Wolfcamp 7,615'	Offset data from Barber Federal #1							17
	Strawn @ 8,153' Devonian @ 8,371' TD @ 8,471'				5-1/2", 17#, J-55 LT&C set @ 8,471' TOC @ 4,750'				

DATE

02 May 01

Bruce Wiley, Geologist

APPROVED

Young Cho, Drilling Engineer

Rob Lowe, Reservoir Engineer

