

PROPOSED WELL PLAN OUTLINE

WELL NAME: Barbara Federal No. 9 COUNTY: Eddy STATE: NM
 LOCATION: 1980' FNL & 1980' FEL EST. KB: 3600'
18
Sec. 36, T-19S, R-25E EST. GL: 3585'

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE-DEPTH	FRAC GRAD	FORM PRESS GRAD	(PPG) MUD WT & TYPE	DAYS
	Surface water	Possible	0'-1200'					Spud	
	300 / 3300	waterflow	Deviation					8.33	
1000		to 900	survey each						
		Known lost	250' not to						
		circulation	exceed 3"	12-1/4"	9-5/8 @1200'		<8.33		4
	Glorieta	from 0-1100	Install H2S		w/1000 sx			Cut	
	1989 / 1611		monitor @1200'		"lite" & "C"			Brine	
2000		H2S poss.	1200'-3000'		(to protect			8.8-	
	Yeso	to TD	Deviation		from surface			9.2	6
	2145 / 1455		survey each		waterflows				
			250' not to		and severe				
			exceed 5"		lost circ.)				
3000		Deviations	3000'-6000'						8
		from 4-6"	Deviation						
		likely from	3000'-6000'						
		(ZW#1 &	survey each						
4000		Parish IV	100'-150'					pH>10	
	Abo	#1)	not to exceed					to	10
	4198 / (598)		5"					TD	
5000					DV Tool above				
					lower Abo LC				
					zone (if nec.)				13
	Wolfcamp		Install a 2-		4500'				
	5455 / (1855)		man mudlogger						
6000			5000'-TD						
			6000'-TD						17
			Deviation						
			survey each						
			250' not to						
7000		H2S possible	exceed 5"						
		in Cisco							
	Cisco							Mud up	20
	7600 / (4000)							with salt	
8000				8-3/4"				gel and	
								starch	
								@7500'	
	Target TD 8100		GR-CNL-LDT-		7" @8100'	>15	8.3-		25
			DLL-MSFL-CAL		w/1500 sx		9.0		
			from 8100'-5000'		"H" & "C" lite				
9000			Image Log						
			from						
			8100'-7600'						

DWE:mjm
 BARB9.WPO