

PROPOSED WELL PLAN OUTLINE

EST. GL = 7185
EST. KB = 7198

WELL NAME: Jicarilla B No. 16

LOCATION: SEC. 25, T-28N, R-4W, RIO ARriba CO., NM

IN	TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD. psi/ft	FORMATION PRESSURE PSI	MUD WT TYPE	DAYS
1000				11"	8-5/8" 14# K-55 ST&C @ 300'		NORMAL	8.4 - 8.8# SPUD MUD	1
				7-7/8"	CIRC CMT			8.4 - 8.8# GEL/POLYMER MAINTAIN MW AS LOW AS POSSIBLE	
								CONTROL FLUID LOSS PRIOR TO OJAM	
	OJAM @ 3259'	POSSIBLE WATERFLOW					432 PSI		
	FRLO @ 3484'	POSSIBLE GAS FLOW					380 PSI		
	PCCF @ 3785'	POSSIBLE LOST RETURNS							
	LEWS @ 3917'	POSSIBLE DIFFERENTIAL STICKING							
					DV TOOL SET @ 4300' (CONTINGENT ON LOST CIRCULATION)		400 PSI		
	CHRA @ 4728'					0.5	457 PSI		
	CLFH/MV @ 5447'								
	MENF @ 5570'								
	PTLK @ 5945'	POSSIBLE SEVERE LOST RETURNS							
	MNCS @ 6418'				DV TOOL SET @ 8350' (50'-100' ABOVE MNCS) CMT TO DV TOOL @ 4300'				
	U. GLLP @ 7048'								
	M. GLLP @ 7285'								
	SNST @ 7598'								
	GRHN @ 7908'	POSSIBLE WATERFLOW							
	GRRS DKOT @ 7970'	POSSIBLE OVERPRESSURE				0.5	715 PSI	ADD 2% KCl @ GRRS DKOT	
	PAGU @ 8168'	IN DEEP DAKOTA	CASED HOLE LOGS	7-7/8"	5-1/2" 15.5# K-55 LTC @ 8231'		BHP - 2500 PSI BHT - 175 deg F	8.4 - 8.8# GEL/POLYMER	15
	T.O. @ 8231'				CMT TO DV TOOL AT TOP OF MNCS				
	NOTE: PERMIT TO 8531'								

DATE: 02/27/98

APPROVALS:

PREPARED:

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DRILLING ENGINEER

RES. ENGINEER

PROD. ENGINEER

GEOLOGIST

DRILLING MGR.

10:13 AM