

PROPOSED WELL PLAN OUTLINE

WELL NAME: SHOLES B-19 AC/1 NO. 4

COUNTY: LEA

LOCATION: 1980' ESL & 1980' FWL  
Sec. 19, T-25S, R-37E

STATE: NM

EST. KB: 3070'

EST. GL: 3055'

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE (IN)	CASING		FRACTURE GRADIENT (PPG)	FORMATION PRESSURE GRADIENT (PPG)	MUD	
					SIZE (IN)	DEPTH (FT)			(PPG) WEIGHT	T
	Ogallala- Surface Water	ss 150'-450'	Geograph Deviation		54.5#					
	Rustler Anhy.	1000'	0'-TD		K-55 STC			8.5-	8.5-	
	Salado Salt	1100'		17-1/2	13-3/8	1050'		9.0	9.0	Sp
2000			Samples every 10' from 2650'-TD							
	Base Salt	2550'*	BHC-GR 2" & 5"							
	Yates SS	2670'*	0'-4200'							
	Goat Seep Reef	3500'**	DLL-GR		43.5#					
4000			CNL-FDC-GR-CAL.		C-75			8.5-	9.0-	Sal
			2" & 5" Scales	12-1/4	LTC	4200'	12-13	9.0	9.5	Gel
	Bone Springs	4980'	2-man mudlogger on at 3500'-TD							
6000										
	Wolfcamp LS	7880'								
	Barnett SH	8550'								
10,000	Devonian Dolo.	9570' (-6500')	2-DST's in Dev.							
	Fusselman Dolo.	10,420'								
	Montoya Dolo.	10,990'	DLL-MSFL-GR		26#					
	Simpson SS	11,370'	CNL-FDC-GR-CAL.		L-80	10,000'				
12,000			BHC-GR		BTRC					
	Ellenburger Dolo.	12,300'	2" & 5"		29#					
	TD - 13,000'	(-9230')	4200'-13,000'		L-80	3,000'				
			Dipmeter		LTC			9.0-	9.0-	Fres Water
			8000'-13,000'	8-1/2	7"	13,000'	12-13	9.5	10.0	Low Sol
			1-DST in Ellbgr.							
			PDC - Selected Intervals							
			DST - Selected Intervals							

\*Yates - low pressure +300 psi.

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