

PROPOSED WELL PLAN OUTLINE

WELL NAME: State A-2 No. 4

COUNTY: Lea

STATE: NM

LOCATION: 1980' FSL & FEL

EST. KB: 3140'

Sec. 2, T-25S, R-37E

EST. GL: 3124'

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
	Rustler 920'	Possible	Deviation surveys	17-1/2	13-3/8 54.5			Spud	1
		lost circulation	every 150' ±2°	12-1/4	ST&C @ 330'			Brine	2
		from surface to						10-10.3	
1000		4600'	Deviation surveys						
			every 500' ±3°						
			below surface						
			casing						
2000		H ₂ S							
	Base Salt 2200'	Equipment on							
	Yates 2368'	@ 2000'	Mudloggers on						
			@ 2300'-TD						
	7 Rivers 2623'								
3000									
	Queen 3098'								
	Grayburg 3365'								
	San Andres 3619'								
4000									
					9-5/8 40#				
	Glorieta 4701'		Deviation survey	8-3/4	LT&C @ 4600'			Fresh 8.4- 8.6	9
5000			every 500' ±5°		DV tool @ 5000'		<8.3		
	Blincoy 5080'		below					Mud up @	
			intermediate					5500' Gel-	
	Tubb 5740'		casing			13-15		Starch	
	Drinkard 5990'							W/L <15 cc	
6000							<8.3	8.4-8.6	
	Abo 6215'								
	TD 6900		GR-CAL 330'- 4600'		7" 26#				13
7000			GR-CAL-DLL- MSFL		LT&C @ ±6900'				14
			GR-LDT-CNL-PE 2300'-TD						