

PROPOSED WELL PLAN OUTLINE

WELL NAME: MCA 378

COUNTY: LEA

STATE: NM

LOCATION: 2543' FSL & 2625' FEL
Sec. 22, T-17S, R-32E

EST. KB: 4012'

EST. GL: 4000'

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
	Red Beds surface—300'	Possible sloughing clays	0-850' Deviation survey each 200' <3°					Spud 8.33	—
500	Rustler Anhy. 840'								1
				17-1/2	13-3/3, 48#				2-3
1000	Salado 1004'-- 1960'	Salt section washout is likely	Fluid caliper surface hole		H-40 @ 850' (to protect from red beds)			Salt sat. brine 10.1 ±	—
1500			850'— T.D. Deviation Survey each 500' <5°						4
2000	Tansill 1998'		Temp. surv. if cmt. doesn't 2700' circ.	12-1/4	8-5/8, 32#				5
	Yates 2156'	Waterflow @ in MCA 338 (1 loc. W)			K-55 @ 2100' (to isolate salt section)			Cut brine 10.0±	6-7
2500	7-Rivers-2511'	Waterflow @ in MCA 312 (2 loc. E)							8
3000	Queen 3132'	H2S Possible from 3300' to T.D.	Install H2S monitor @ 3200'			17.23 ppg in MCA 367			9
	Grayburg 3297'							Salt gel- starch 10.1±	10
3500		Water and oil flow in MCA 338 @ 3797'							11
	6th 3786' San Andres 3885'			7-7/8					12
4000	T.D. 4300'		GR-DLL-MSFL-CAL GR-CNL-LDT-CAL from 4300'-2100'		5-1/2, 17#		18.52 to 21 ppg in MCA 367 & 368		12-15
4500					K-55 @ 4300'				