

PROPOSED WELL PLAN OUTLINE

WELL NAME: MCA 377

COUNTY: LEA

STATE: NM

LOCATION: 2570' FSL & 1400' FWL
Sec. 23, T-17S, R-32E

EST. KB: 4021'

EST. GL: 4009'

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. 600' -- 900'								1
				17-1/2	13-3/8, 48#				2-3
1000	Salado 1063'-- 2000'	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									5
	Tansill 2052'		Temp. surv. if cmt. doesn't circ.	12-1/4	8-5/8, 32#				6-7
	Yates 2208'	Waterflow @ in MCA 312 (1 loc.W.)			K-55 @ 2100' (to isolate salt sec.)			Cut brine 10 ±	—
2500	7-Rivers-2560'	Waterflow in MCA 330 @ 2822' (one loc. S)							8
3000		Waterflow in MCA 367 (one loc. SE) 100+ BPH SIDPP 1300 psi.				17.23 ppg in MCA 367			9
	Queen 3223'	H2S Possible Install from 3400' to T.D.	H2S monitor @ 3300'						10
3500	Grayburg 3394'	Waterflow in MCA 354 (one loc. S) 2-3" stream						Salt gel - starch 10.1 ±	11
				7-7/8					12
4000	6th 3888' San Andres 4046'	Oil on pits from 4000' to T.D. in MCA 367	GR-DLL-MSFL-CAL GR-CNL-LDT-CAL from 4350'-2100'		5-1/2, 17#		18.52 to 21 ppg in MCA 367 & 368		13-15
4500	T.D. 4300'				K-55 @ 4300'				—