

PROPOSED WELL PLAN OUTLINE

WELL NAME: Buffalo Federal No. 2COUNTY: LeaSTATE: NMLOCATION: 330' FSL & 1650' FWL of

EST. KB: _____

Section 18, T-18S, R-32E

EST. GL: _____

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
		Possible hole en- largement sloughing & swelling clays	Geolograph 0'-TD' Deviation 0'-TD'	12 1/4"		-	<9.0	Fresh water gel/ lime 8.8- 9.2	-
500	Surf Wtr 750/ 2991'				8-5/8", K-55 24#, ST&C @ ± 950'				-
	Rustler Anhy								
	889/2852'								
	Salado Salt								
1000	1009/2732'								2
									-
				7 7/8" to TD					
								Brine 9.8- 10.2	-
1500									-
2000			10' Samples ± 3400' to TD						5
	Tansill 2211/ 1530'		Mudloggers ± 3400' to TD						-
	Yates 2361/ 1380'								-
2500	7 Rivers 2791/950'								-
3000									7
									-
3500	Queen 3483/258'	Water flows possible from 3700-4100'							-
								Salt gel/ starch 10.0- 10.2	-
	Grayburg 3881/-140'	H2S possible from 3880 to 4710'				14-16	9.0		8
4000									-
	San Andres 4441/-700'								-
4500									-
	Delaware 4711--970'								
			GR-CNL-FDC-CAL GR-DLL-MSFL-CAL 3400' - TD		5 1/2", K-55 14#, ST&C 0' - TD				10
5000	2 Fan 5106/-1365'						9.0		-
5500	TD - 5500'								