## PHILLIPS PETROLEUM COMPANY

DRILLING PROGNOSIS	DRTI	1 ING	PROGNOS1	S
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	LEING THOUNDOID		
1.	Location of Proposed Well:	660' FNL and 2480' FWL,	Sec. 19, T-17-S,
	•	R-30-E, Eddy County, NM	
2.	Unprepared Ground Elevation:	3634.0	
3.	The geologic name of the sur	face formation is <u>Typic</u>	Torripsamment
4.	Type of drilling tools will	be Rotary	
5.	Proposed drilling depth is	11200	
			c follows:
6.	The estimated tops of import	ant geologic markers are a	S TOTIOWS:
	Rustler 200'	Abo	6375'
	Salt 500'	Wolfcamp	7615'
	Tansill 1000'	Cisco	8740'
	Yates 1130'	Canyon	9350
	Queen 2040'	Strawn	10215'
	San Andres 2725'	Atoka	10390'
	Paddock 4250'	Morrow	10640
		Misc. Unconf	ormity 11130'
7.	The estimated depths at which mineral bearing formations as		
	Water:	Fresh water - None  Salt water - 1989'  Grayburg - 2350'  San Andres - 2725'  Abo - 6375'	
В.	The proposed casing program	is as follows:	
	Surface String 13-3/8" 54.5#	K @ 400'	
	Intermediate Casing 8-5/8" 24	1-32# K @ 3500	
	Production String 5-1/2" 15.	5 K = 17# N @ 11200'	
	Floduction String 5 1/2 15.	, 3 K 1/11 K C 11200	
€.	Cement Program: Surface String = Circulate CaCL2. (Slurry weight 14.8 gal/sk.) WOC 18 hrs. Test		u ft/sk w/6.3
			<del>,</del>
	Intermediate String = Circ plus 20% excess lead w/1600 (Slurry weight 13.6 ppg, yi salt.) Tail w/200 sx Class Slurry yield 1.32 ft <sup>3</sup> /sk w/	) sx Class C w/4% Bentonite ield 1.7 ft <sup>3</sup> /sk, w/8.9 gal/ s C neat (slurry weight 14.	e and 5% salt. /sk, 3.7#/sk .8 ppq.
	to 1000 psi for 30 min.		
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