

PROPOSED WELL PLAN OUTLINE

WELL NAME: FEDERAL 34 NO. 2

COUNTY: EDDY

LOCATION: 2310' FNL & 1290' FEL
Sec. 34, T-20S, R-26E

STATE: NM

EST. KB: 3240'

EST. GL: 3226'

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE (IN)	CASING		FRACTURE PRESSURE (PPG)	FORMATION PRESSURE (PPG)	MUD	
					SIZE (IN)	DEPTH (FT)			WEIGHT (PPG)	TYPE
	Quaternary									
	Lost circ. zone	0-260'	Deviation Geolograph 0'-10,500'	17-1/2	13-3/8	300'	12-13	8.3-8.5	8.5-9.0	Fresh Water
	Queen SS.	267'			48#					
	San Andres Dol.	1305'			H-40					
	Base San Andres	1653'			STC					
2000	Delaware Sand	1840'								
	Bone Springs LS.	2400'		12-1/4	9-5/8	2800'	12-13	8.3-8.5	8.5-9.0	Fresh Water
4000					J-55					
	1st Bone Springs SS.	5010'			STC					
6000	2nd Bone Springs SS.	5780'	GR-CNL-FDC (2800'-TD) DLL (2800'-TD) Dipmeter (7900'-TD) RFTT (8015'; 8025'; 10,200'; 10,300')							
	3rd Bone Springs SS.	7110'								
8000	Wolfcamp LS.	7500'						8.4-8.8		
	Cisco Dolo.	8015'								
10,000	Morrow Clastics	10,065'			17#					
	Barnett SH.	10,390'			K-55					
	TD 10,500'			7-7/8	BTRC & 17# L-80 LTC	10,500	15.0-16.0	8.5-8.8	8.5-9.0	Fresh Water Low Solids Polymer
12,000					5-1/2					