

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 Quaternary	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE (IN)	CASING		STRUCTURE GRADIENT (PPG)	FORMATION PRESSURE GRADIENT (PPG)	MUD	
					SIZE (IN)	DEPTH (FT)			WEIGHT (PPG)	TYPE
	Lost circ. zone Queen SS.	0-260' 267'	Deviation Geolograph 0'-10,500'	17-1/2	13-3/8 48# H-40 STC	300'	12-13	8.3-8.5	8.5-9.0	Fresh Water
2000	San Andres Dol. Base San Andres Delaware Sand	1305' 1653' 1840'								
	Bone Springs LS.	2400'		12-1/4	9-5/8 36#	2800'	12-13	8.3-8.5	8.5-9.0	Fresh Water
4000					J-55 STC					
	1st Bone Springs SS.	5010'	GR-CNL-FDC (2800'-TD) DLL (2800'-TD) Dipmeter (7900'-TD) RFTT (8015'; 8025'; 10,200'; 10,300')							
6000	2nd Bone Springs SS.	5780'								
	3rd Bone Springs SS.	7110'								
8000	Wolfcamp LS. Cisco Dolo.	7500' 8015'						8.4-8.8		
					17# K-55 BTRC & 17# L-80 LTC					Fresh Water Low Solids
10,000	Morrow Clastics Barnett SH. TD 10,500'	10,065' 10,390'		7-7/8	5-1/2	10,500	15.0-16.0	8.5-8.8	8.5-9.0	Polymer
12,000										

RECEIVED
MAR 20 1980
U.S. GEOLOGICAL SURVEY
ARTESIA NEW MEXICO