

DRILLING PROGNOSIS

WELL NAME		DATE	
Devonian State Com #2		March 6, 1996	
AUTHORIZATION NUMBERS		PERMIT #	
AFE #			
LOCATION			
660' FEL & 710' FSL of Sec 20, T-21S, R-36E, Lea County, NM			
OBJECTIVES			
Yates @ +/- 3,002'			
Seven Rivers @ +/- 3,262'			
Queens @ +/- 3,634'			
TOTAL VERTICAL DEPTH		TOTAL MEASURED DEPTH	
3,800'		3,800'	
ELEVATION			
GL Elev Is Estimated @ +/- 3,612'			
ESTIMATED FORMATION TOPS			
Base Salt	2,862'	Queen	3,634'
Yates	3,002'	Penrose	3,755'
Seven Rivers	3,262'		
WELL DESIGN			
CONDUCTOR			
None			
SURFACE CASING			
12 1/4" Hole 8 5/8" 24# J-55 Seamless 8rd ST&C f/ 0' - 1460' (1460')			
Cemented to surface to protect FW			
TPS, Shoe JT, FC & (9) Centralizers SET @ Shoe JT + (1) Every 2 JTS F/BTM			
PROTECTIVE CASINGS AND LINERS			
PRODUCTION CASING			
7 7/8" Hole 5 1/2" 15.5# J-55 Seamless 8rd LT&C f/ 0' - 3,800' (3,800')			
Cemented to surface - Single Stage			
FS, Shoe JT, FC using (10) Centralizers			
PRODUCTION LINER			
CASINGHEAD			
Csg Hd.	8 5/8" Larkin Fig. 92, 8 5/8" S.O. x 5 1/2" 2M#		
Tbg Hd.	Larkin Type "R", 5 1/2" 8rd Female x 2 3/8" 2M#		
MUD PROGRAM			
0' - 1,460' FW SPUD MUD			
1,460' - 3,300' SBW			
3,300' - 3,800' BW (ADD STARCH FOR 15 WL)			
NOTE: FOR LOGGING, ADD SALT GEL FOR 34-38 VIS, 10 CC WL			
LOGGING PROGRAM			
Dual Lateral/GR/SP 2,900' - TD			
LDT/CNL/GR/CAL 2,900' - TD			
(*Neutron will be the primary log pulled to surface)			