

Drilling Prognosis



Well name		Date	
Seven Rivers Queen Unit #74		9/10/87	
Authorization numbers			
District or province			
Central District - North Area			
Location			
1310' FNL and 2520' FEL			
Section 3, T23S, R36E, Lea County, New Mexico			
Objectives			
Seven Rivers/Queen			
Total vertical depth		Total measured depth	
3880'		3880'	
Elevation			
The RKB and GL elevations will be recorded on first daily drlg report ($\pm 3505'$)			
Estimated formation tops			
Top of Salt		- 1520'	Queen - 3720'
Base of Salt		- 2980'	
Yates		- 3155'	
Seven Rivers		- 3340'	
Well design			
Conductor 0 - $\pm 40'$ 16" Conductor grouted to surface with redi-mix.			
Surface casing			
0 - 300'		8-5/8", 24#, K-55, STC csg. Cemented to surface with 215 sx Class "H" + 2% CaCl ₂ (100% excess).	
Protective casings and liners			
NA			
Production casing			
0 - 3880'		5-1/2", 15.5#, K-55, LTC csg. Cemented to surface with 550 sx Class "H" 65:35:6, followed by 300 sx Class "H" + WL additive (Assumes 100% excess).	
Production liner			
NA			
Casinghead			
8-5/8" x 11", 3000 psi WP SOW casinghead 11" 3000 psi x 7-1/16" 3000 psi WP tubinghead			
Mud program			
0 - 300'		Fresh water spud mud	
300' - 3880'		Salt water, 10 ppg. Reduce FL to 10 - 15cc from 3300' to TD	
Logging program			
Open Hole:		FDC/CNL/GR-CaI (2800 - 3880')	
		CNL/GR-CaI (2800 - 300')	
		10 RFTS	