

COMPANY: Arco Permian Company

WELL: Barclay Federal #4

FIELD: Livingston Ridge

COUNTY: Eddy

STATE: New Mexico

COUNTY: Eddy Field: Livingston Ridge Location: 1980' FSL & 660' FEL Well: Barclay Federal #4 Company: Arco Permian Company	Schlumberger		Platform Express Array Induction Micro-CFL / GR				
	LOCATION		1980' FSL & 660' FEL		Elev.: K.B. 3520 F G.L. 3504 F D.F. 3520.5 F		
	Permanent Datum:		Ground Level		Elev.: 3504 F		
	Log Measured From:		Kelly Bushing		16.0 F above Perm. Datum		
Drilling Measured From:		Kelly Bushing					
API Serial No. 30-015-29684		SECTION 12		TOWNSHIP 23S		RANGE 31E	
Logging Date		1 May 1998					
Run Number		One					
Depth Driller		8450 F					
Schlumberger Depth		8448 F					
Bottom Log Interval		8440 F					
Top Log Interval		4417 F					
Casing Driller Size @ Depth		8.625 IN @ 4420 F				@	
Casing Schlumberger		4417 F					
Bit Size		7.875 IN					
Type Fluid In Hole		S. Gel / Starch					
MUD	Density	Viscosity	9.3 LB/G	35 S			
	Fluid Loss	PH	10 C3	9.5			
	Source Of Sample		Circulation Tank				
	RM @ Measured Temperature		0.086 OHMM @ 82 DEGF				@
RMF @ Measured Temperature		0.064 OHMM @ 82 DEGF				@	
RMC @ Measured Temperature		@				@	
Source RMF		RMC	Calculated				
RM @ MRT		RMF @ MRT	0.059 @ 122	0.044 @ 122	@	@	
Maximum Recorded Temperatures		122 DEGF					
Circulation Stopped		Time	1 May 1998	6:00			
Logger On Bottom		Time	1 May 1998	12:30			
Unit Number		Location	3015	Roswell, NM			
Recorded By		Kevin Holub					
Witnessed By		Dewey Walker					