

COMPANY: Arco Permian Company

WELL: Barclay Federal No. 14

FIELD: South Livingston Ridge

COUNTY: Eddy

STATE: New Mexico

COUNTY: Eddy Field: South Livingston Ridge Location: 1980' FNL & 660' FWL Well: Barclay Federal No. 14 Company: Arco Permian Company	<b>Schlumberger</b>		<b>Platform Express</b> <b>Three Detector Lithodensity</b> <b>Compensated Neutron / GR</b>	
	1980' FNL & 660' FWL		Elev.: K.B. 3522.5 F G.L. 3505 F D.F. 3521.5 F	
	Permanent Datum: Ground Level		Elev.: 3505 F	
	Log Measured From: Kelly Bushing		17.5 F above Perm. Datum	
Drilling Measured From: Kelly Bushing				
API Serial No. 30-015-30065		SECTION 1	TOWNSHIP 23S	RANGE 31E
Logging Date		10 April 1998		
Run Number		One		
Depth Driller		8450 F		
Schlumberger Depth		8446 F		
Bottom Log Interval		8428 F		
Top Log Interval		200 F		
Casing Driller Size @ Depth		8.625 IN @ 4411 F @		
Casing Schlumberger		4402 F		
Bit Size		7.875 IN		
Type Fluid In Hole		Cut Brine / Prod. H2O		
MUD	Density	Viscosity	9.6 LB/G	36 S
	Fluid Loss	PH	12 C3	9
	Source Of Sample Circulation Tank			
RM @ Measured Temperature		0.078 OHMM @ 78 DEGF @		
RMF @ Measured Temperature		0.058 OHMM @ 78 DEGF @		
RMC @ Measured Temperature		@ @		
Source RMF		RMC	Calculated	
RM @ MRT		RMF @ MRT	0.052 @ 120	0.039 @ 120 @ @
Maximum Recorded Temperatures		120 DEGF		
Circulation Stopped		Time	10 April 1998	03:00
Logger On Bottom		Time	10 April 1998	08:30
Unit Number		Location	3015	Roswell, NM
Recorded By		Brooke A. Werner		
Witnessed By		Tony McClain		