

**STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY,  
MINERALS AND NATURAL  
RESOURCES  
OIL CONSERVATION DIVISION**

**Case No. 14325**

**EXHIBIT**

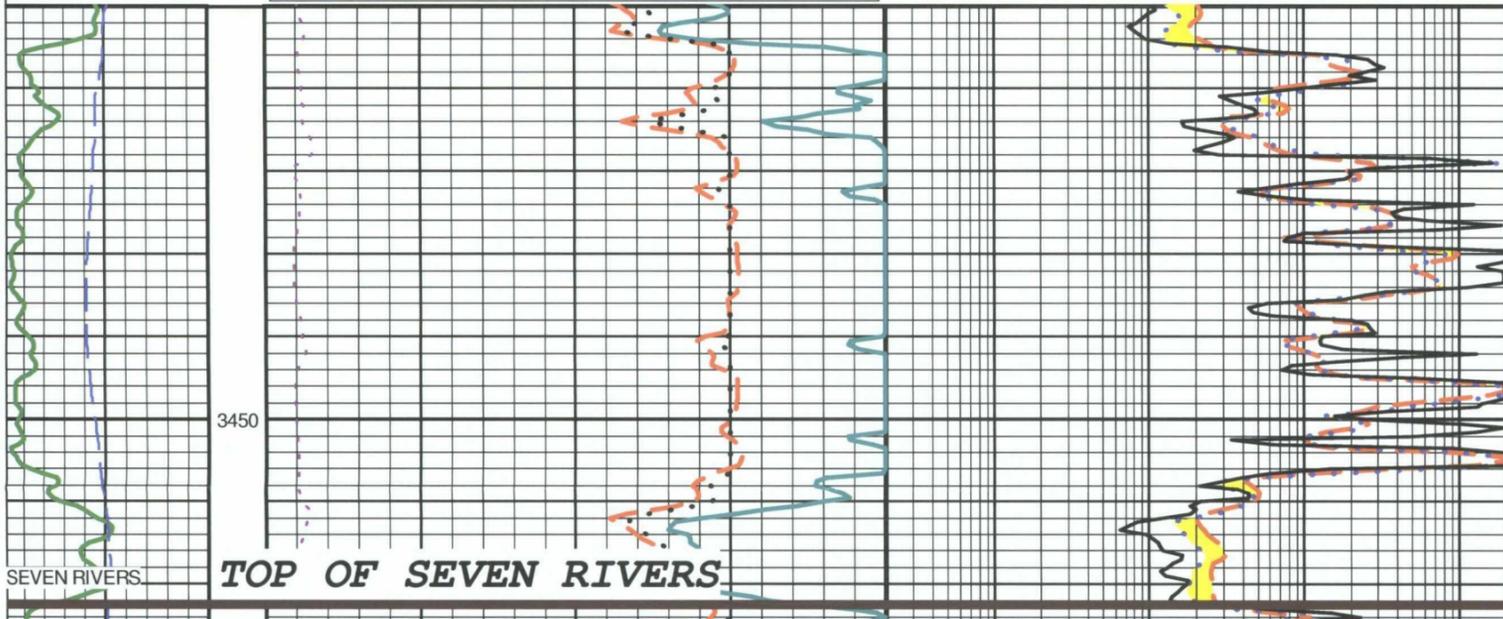
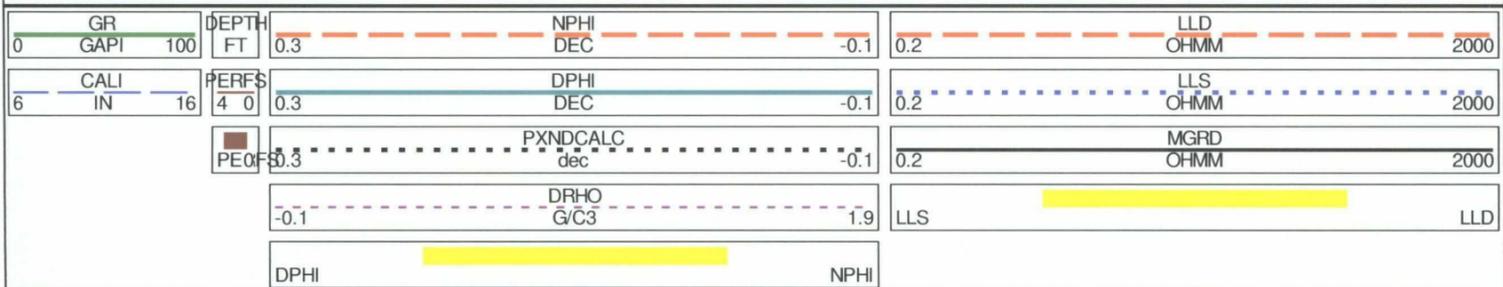
**4**



Company CHESAPEAKE (Originally drilled by TEXACO PRODUCING)  
 Well FEDERAL USA L #4  
 Field TONTO SEVEN RIVERS  
 County LEA State NEW MEXICO Country UNITED STATES  
 Location 2100' FSL & 2310' FWL

Section 14 Township 19S Range 33E API Num 30025306920000  
 Permanent Datum GL Elevation 3677 K.B. 3690  
 Log Measured From KB, 13' Above Perm Datum D.F. 3689  
 Drilling Meas From KB G.L. 3677

	Run 1	Run 2	Run 3
Date	19-JUN-1990		
Depth - Driller	4450		
Depth - Logger	4445		
Btm Log Interval	4442		
Top Log Interval	80		
Casing - Driller	8.625" @ 1500'		
Casing - Logger	1493		
Bitsize	7.875		
Type Fluid in Hole	BRINE		
Dens. /Visc.	10.0 / 95		
pH / Fluid Loss	9 /		
Source of Sample	PIT		
Rm @ Meas. Temp	0.08 @ 90		
Rmf @ Meas. Temp	0.082 @ 87		
Rmc @ Meas. Temp	0.093 @ 87		
Source: Rmf / Rmc	MEAS / MEAS		
Rm @ BHT	.05 @ 109		
Max. Rec. Temp.	109 deg F		



SEVEN RIVERS

TOP OF SEVEN RIVERS

