



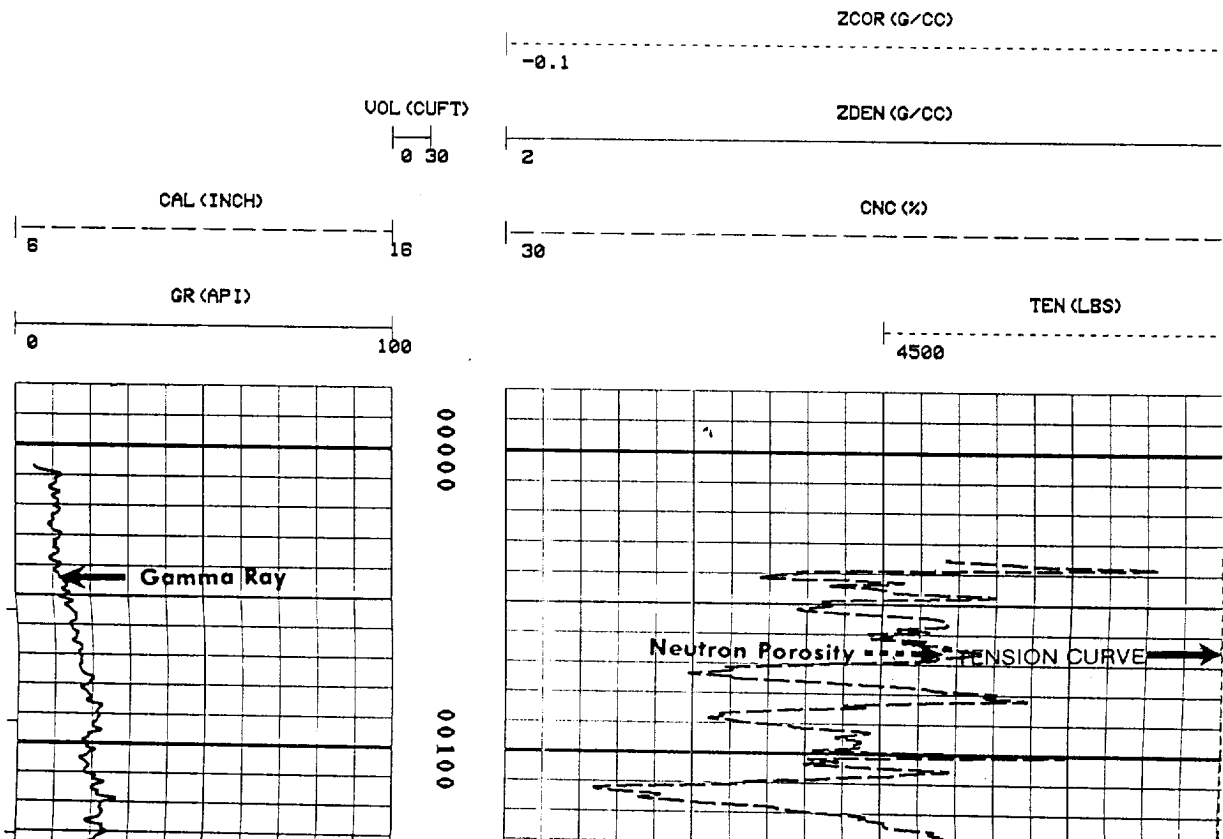
WIRELINE SERVICES

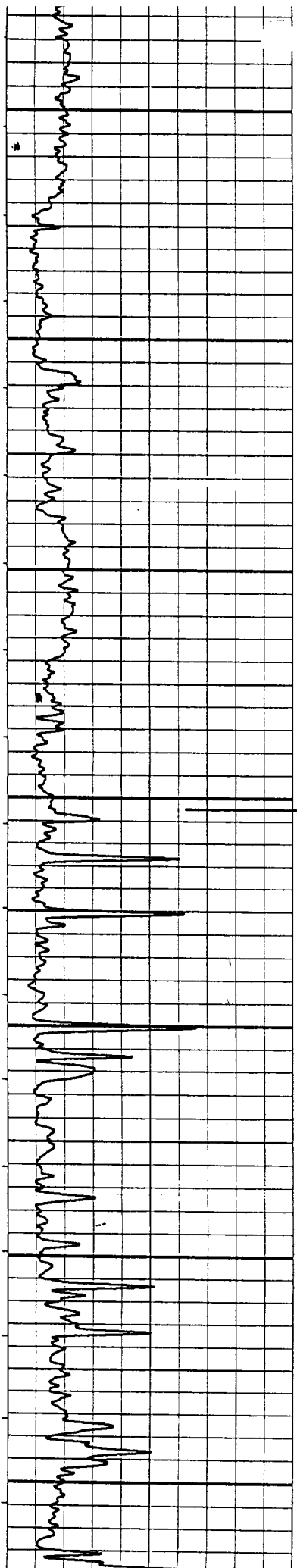
COMPENSATED NEUTRON
GAMMA RAY CALIPER

NO.	COMPANY	SPENCE ENERGY
1	WELL	UNOCAL FEDERAL #23-1
	FIELD	HACKBERRY
	COUNTY	EDDY
	STATE	NEW MEXICO
IN PRINT	LOCATION:	1650' FSL & 2305' FWL
	SEC 23	TWP 19-S RGE 30-E
	GROUND LEVEL	ELEVATION 3290' FT.
	MEASURED FROM KELLY BUSHING	6 FT. ABOVE PERMANENT DATUM
	L. MEAS. FROM KELLY BUSHING	ELEVATIONS KB 3296' DF 3295' GL 3290'
	DATE	28 JUNE, 1993
JICE ORDER	ONE	
TH DRILLER	124201	
TH LOGGER	2000'	
TH LOGGED INTERVAL	1997'	
LOGGED INTERVAL	SURFACE	
LOG - DRILLER	8 5/8" @ 1700'	
LOG - LOGGER	1697'	
SIZE	7 7/8"	
FLUID IN HOLE	BRINE	
WISCONSITY	9.7 PPG	35
FLUID LOSS	9.5	10
ICE OF SAMPLE	FLOW LINE	
AT MEAS. TEMP.	0.051 OHM @ 75 DEG. F	@
AT MEAS. TEMP.	0.051 OHM @ 75 DEG. F	@
AT MEAS. TEMP.	---	@
ICE OF RMF / RMC	MEASURED	---
IT BHT	0.045 OHM @ 85 DEG. F	@
SINCE CIRCULATION	2.5 HOURS	
REC. TEMP. DEG. F	85 DEG. F	
P. NO. / LOCATION	HL-6433	HOBBBS, N.M.
DRILLED BY	J. HEIDLER	
TESTED BY	J. DAVIS	

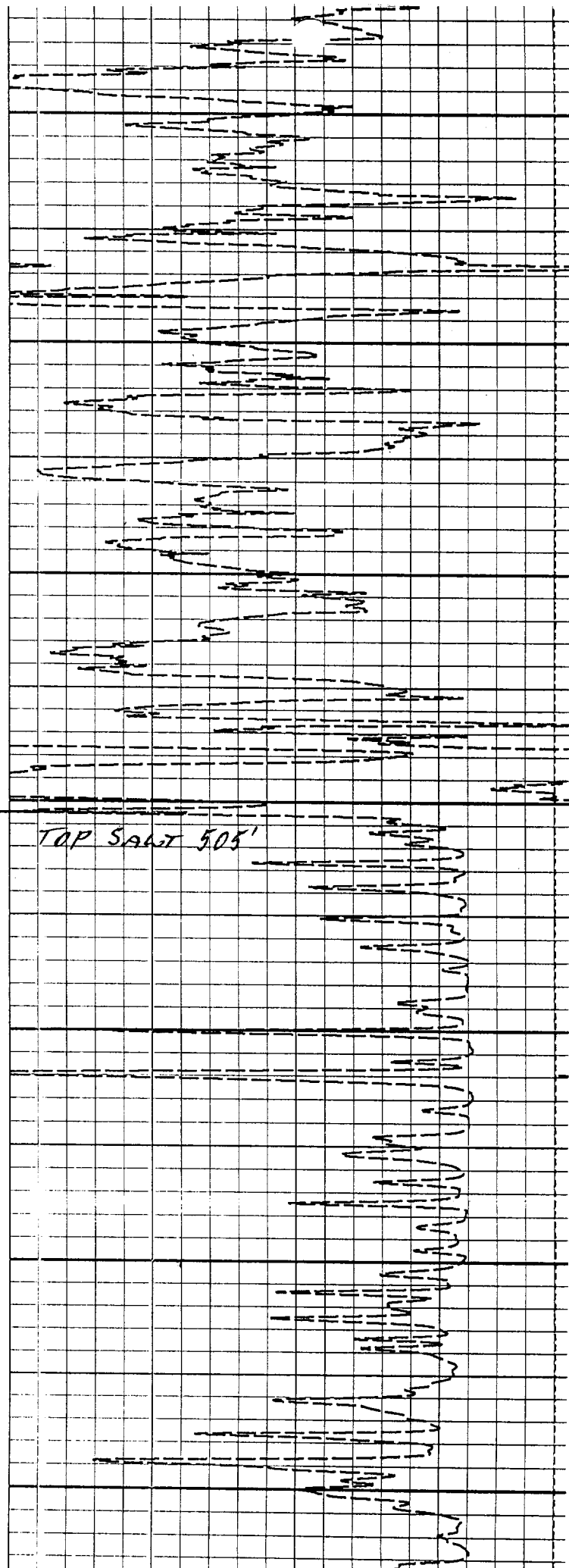
*** NONE ***

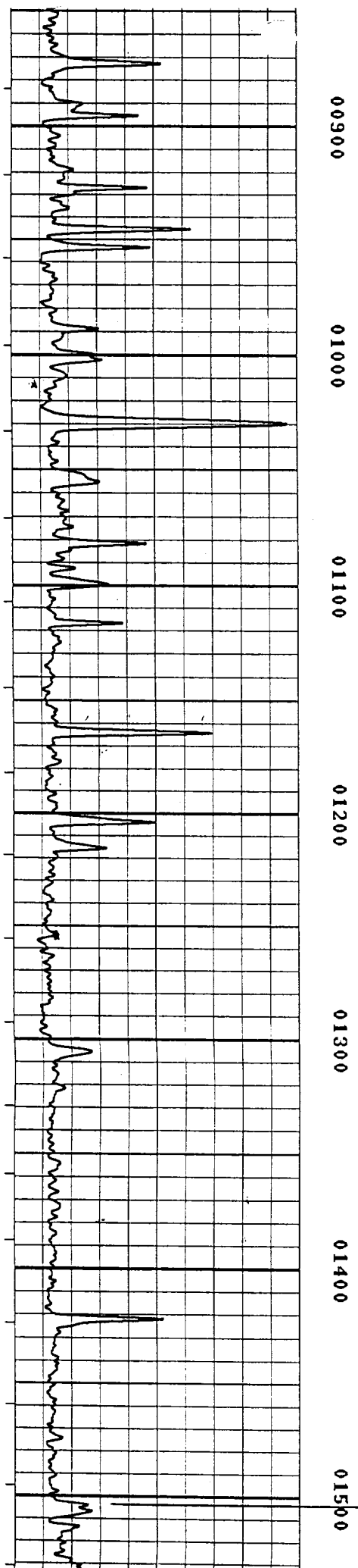
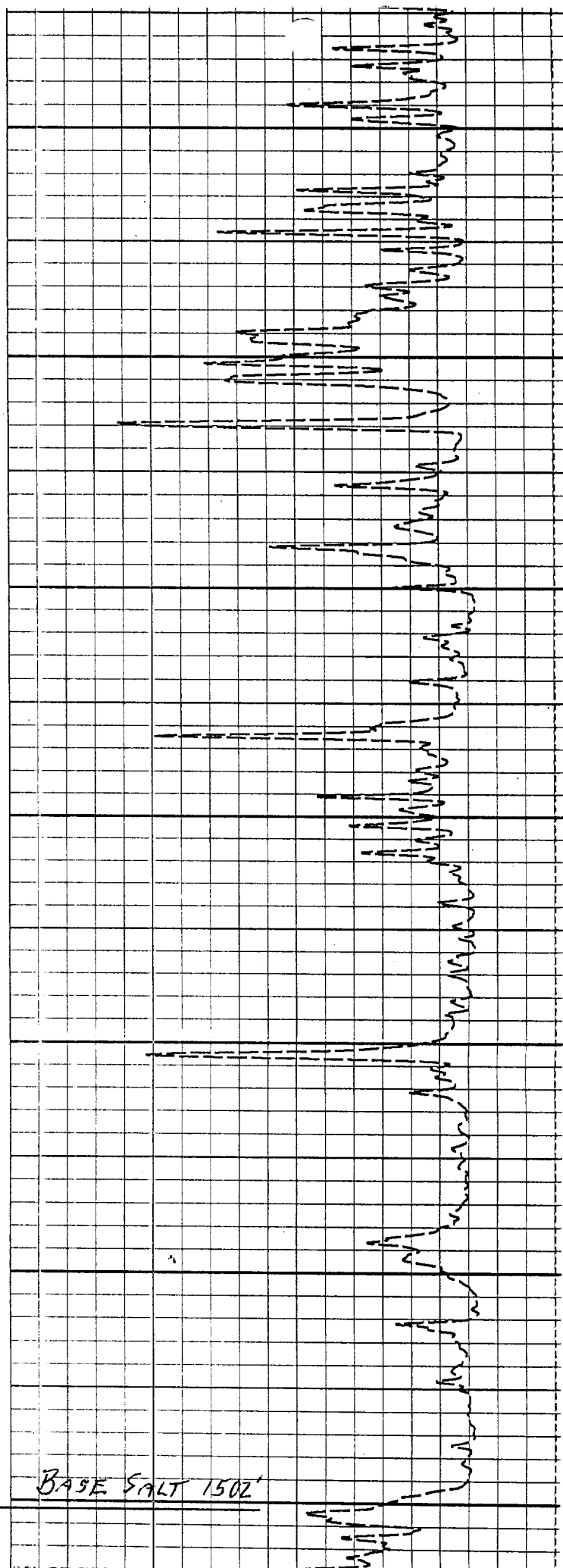
COMPANY: SPENCE ENERGY
WELL NAME: UNICAL FEDERAL NO. 23-1
SERVICE: X 287B FILE: 2 DATE: 06/28/93
REVISION: FSYS256 REV:Q002 VER:2.0
RUN: 1
TRIP: 1
TIME: 05:59:07
MODE: RECORD

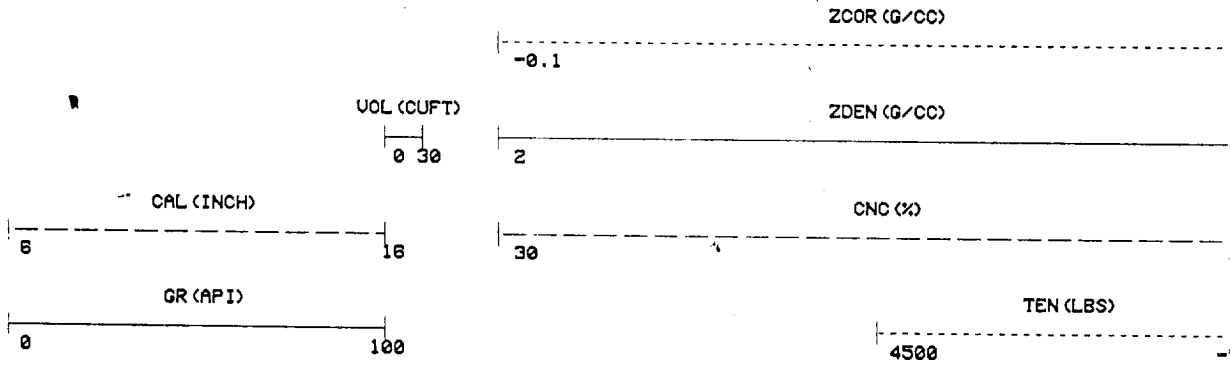
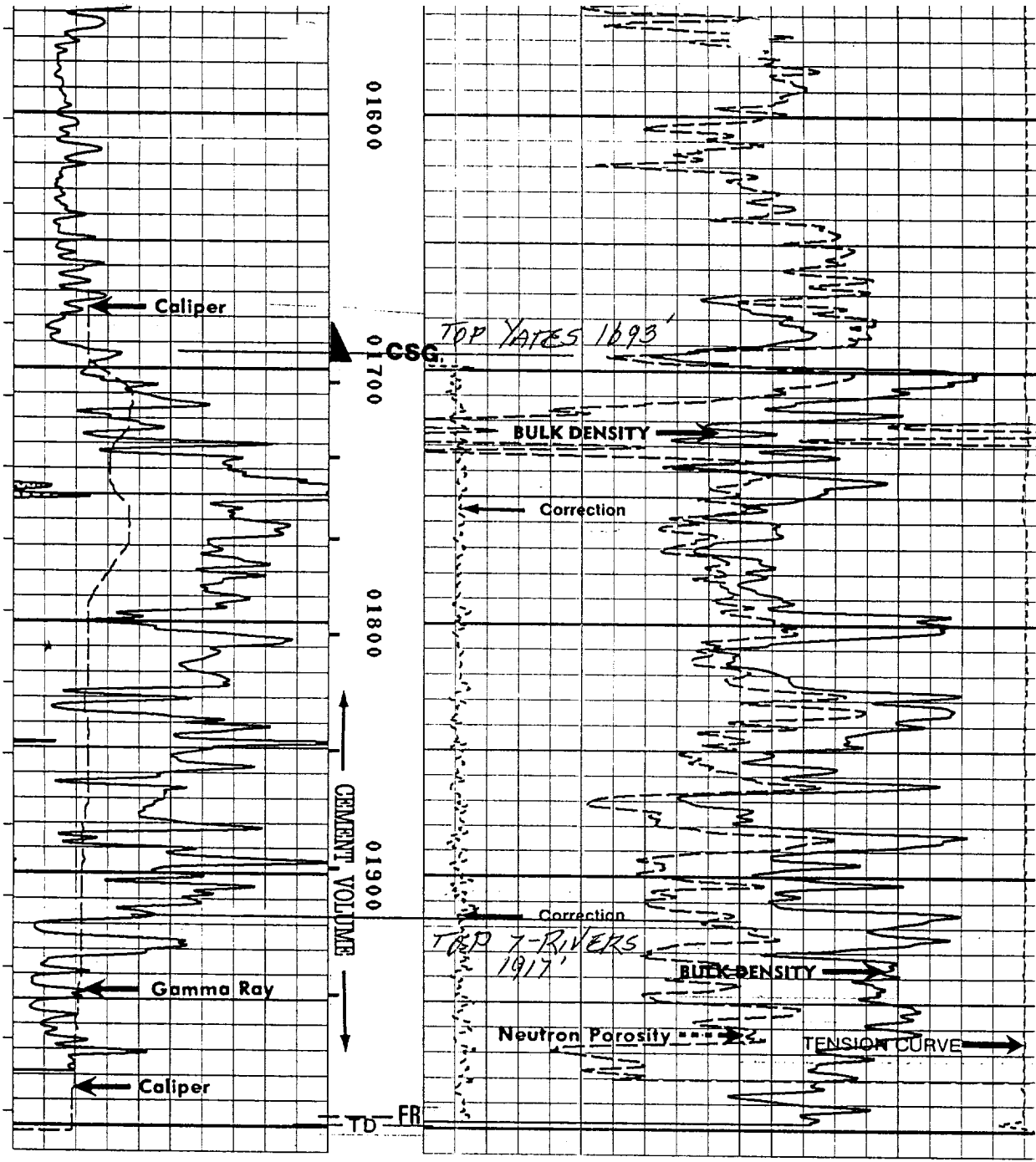




00200
00300
00400
00500
00600
00700
00800







FILE: 2
