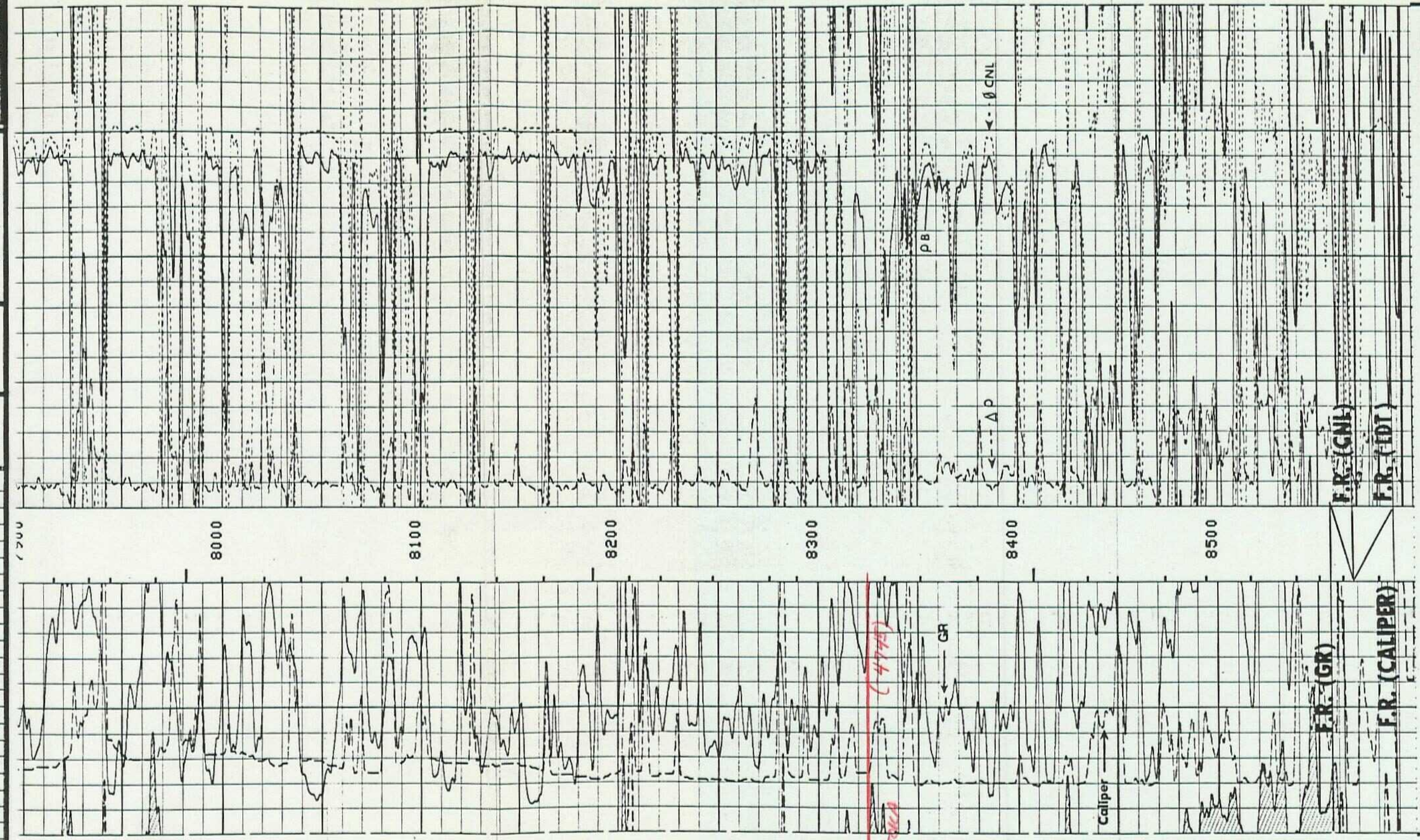


SIMULTANEOUS
COMPENSATED NEUTRON-
LITHO DENSITY

COUNTY	EDDY N.M.	COMPANY	SOUTHLAND ROYALTY CO.		
FIELD	DIAMOND MOUND	WELL	DUFFIELD STATE "16" COM. NO. 1		
LOCATION		FIELD	DIAMOND MOUND		
WELL		COUNTY	EDDY	STATE	NEW MEXICO
COMPANY		LOCATION	990' FSL & 2180' FWL		
		API SERIAL NO.	SEC.	TWP.	RANGE
			16	16-S	27-E
Permanent Datum: G.L.		Elev.: 3566.3		Elev.: K.B. 3580.3	
Log Measured From K.B.		14 Ft. Above Perm. Datum		D.F.	
Drilling Measured From K.B.				G.L. 3566.3	
Date	9-28-85				
Run No.	ONE				
Depth-Driller	8800				
Depth-Logger	8591				
Btm. Log Interval	8588				
Top Log Interval	SURFACE				
Casing-Driller	8 5/8@ 1500	@	@	@	@
Casing-Logger	1499				
Bit Size	7 7/8				
Type Fluid in Hole	SALT GEL/XC/STARCH				
Dens.	9.8	78			
pH	9	4 ml		ml	ml
Source of Sample	MUD TANK				
Rm @ Meas. Temp.	.082 @ 70F	@	"F	@	"F
Rmf @ Meas. Temp.	.072 @ 65F	@	"F	@	"F
Rmc @ Meas. Temp.	@ "F	@	"F	@	"F
Source: Rmf	Rmc				
Rm @ BHT	.044 @ 135F	@	"F	@	"F
Circulation Stopped	2330 9-27				
Logger on Bottom	0531 9-28				
Max. Rec. Temp.	135	"F	"F	"F	"F
Equip.	Location	8185	RSWL		
Recorded By	RUSHING				
Witnessed By	ROBERTS				



FILE	3	28-SEP-85 05:49
GR (GAPI)	100.00	200.00
CALI (IN)	6.0000	16.0000
GR (GAPI)	0.0	100.00
DRHO (G/C3)	-.0500	.45000
RHOB (G/C3)	2.0000	3.0000
NPHI	.70000	.30000
NPHI	.30000	-.1000