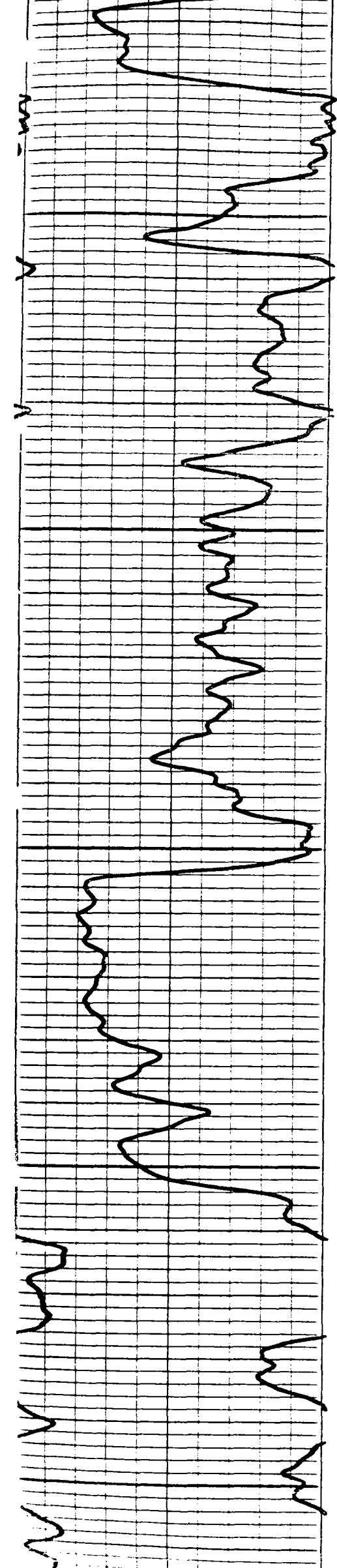
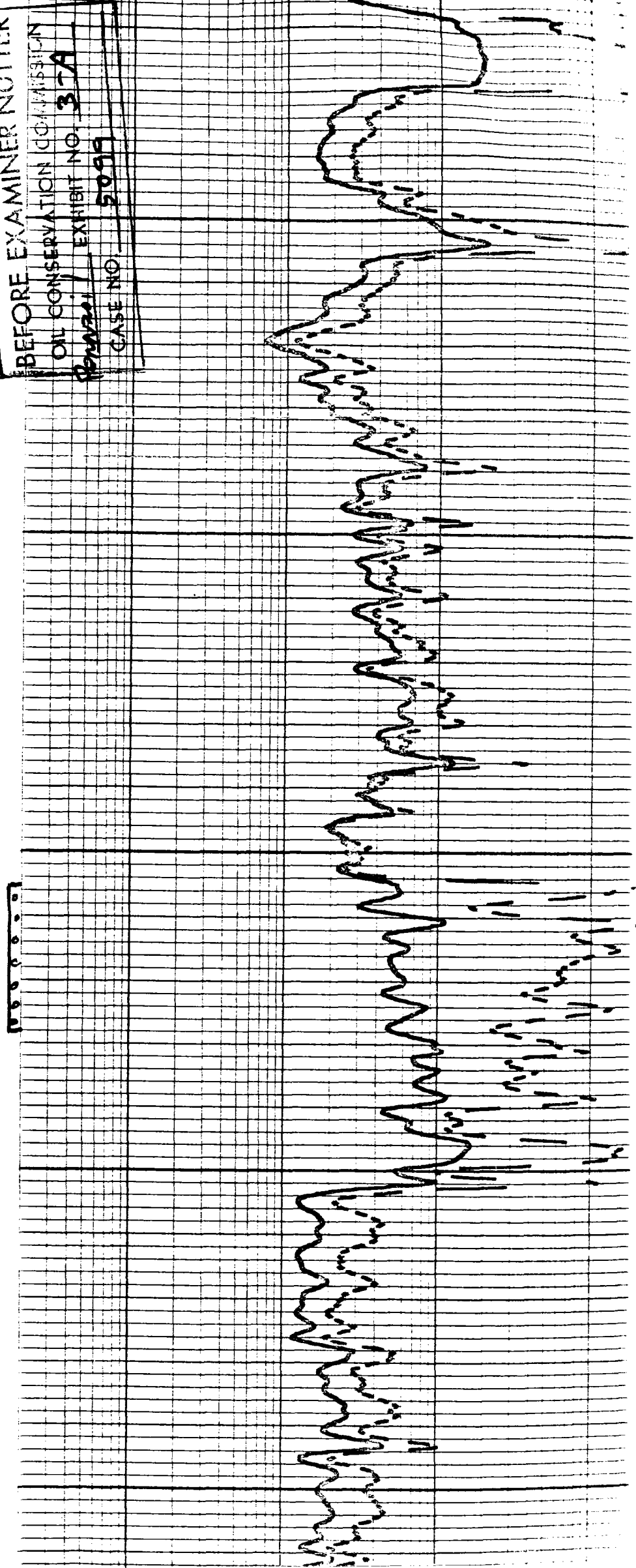




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BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 37A
CASE NO. 5099



Schumbege
DUAL WATERLOG

COMPANY PENNZOIL COMPANY		COMPANY PENNZOIL COMPANY	
WELL MOORE COM. #1		WELL MOORE COM. #1	
FIELD SOUTH CARLSBAD		FIELD SOUTH CARLSBAD	
COUNTY EDDY		COUNTY EDDY	
STATE NEW MEXICO		STATE NEW MEXICO	
LOCATION 2310' FSL & 660' FEL		LOCATION 2310' FSL & 660' FEL	
Sec. 23 Twp. 22-S Rge. 26-E		Sec. 23 Twp. 22-S Rge. 26-E	
Permanent Datum: G.L.		Permanent Datum: G.L.	
Log Measured From K.B.		Log Measured From K.B.	
Drilling Measured From K.B.		Drilling Measured From K.B.	
Elev.: K.B. 3191.8		Elev.: K.B. 3191.8	
D.F. G.L. 3177.8		D.F. G.L. 3177.8	
Other Services: BHC-CNL/FDC, MLL		Other Services: BHC-CNL/FDC, MLL	
Date 7-19-73		Date 7-19-73	
Run No. ONE		Run No. TWO	
Depth - Driller 5400		Depth - Driller 11775	
Depth - Logger 5407		Depth - Logger 11779	
Btm. Log Interval 5392		Btm. Log Interval 11765	
Top Log Interval 1923		Top Log Interval 5400	
Casing - Driller 13 3/8 1924		Casing - Driller 9 5/8 5400	
Casing - Logger 1923		Casing - Logger 1923	
Bit Size 12 1/4		Bit Size 8 3/4	
Type Fluid in Hole SALT MUD		Type Fluid in Hole BRINE	
Dens. Visc. 9.9 36		Dens. Visc. 10.7 36	
pH Fluid Loss 10 ml		pH Fluid Loss 8 ml	
Source of Sample PIT		Source of Sample PIT	
Rm Meas. Temp. .047 76 °F		Rm Meas. Temp. .064 71 °F	
Rmf Meas. Temp. .042 76 °F		Rmf Meas. Temp. .038 71 °F	
Rmc Meas. Temp. °F		Rmc Meas. Temp. °F	
Source: Rmf Rmc M		Source: Rmf Rmc M	
Rm BHT .031 114 °F		Rm BHT .027 181 °F	
Time Since Circ. 6 HOURS		Time Since Circ. 16 HOURS	
Max. Rec. Temp. 114 °F		Max. Rec. Temp. 181 °F	
Equip. Location 7645 HOBBS		Equip. Location 7646 HOBBS	
Recorded By KEMPER		Recorded By COATES	
Witnessed By BROWN		Witnessed By PACE	