Reservoir Visualization Inc
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Source: Kansas Geological Survey

Schlumberger

DUAL INDUCTION - LATEROLOG
WITH LINEAR CORRELATION LOG

COUNTY FINNEY
FIELD or WILDCAT
LOCATION SEC. 4-21S-32W
WELL HULLMAN "A" NO.1
COMPANY CITIES SERVICE OIL

State Geological Survey
WICH

15-[illegible]-20170

COMPANY CITIES SERVICE OIL COMPANY

WELL HULLMAN "A" NO.1

FIELD WILDCAT

COUNTY FINNEY STATE KANSAS

Location. API Serial No. 15-055-20170
C-NE-NW
Sec. 4 Twp. 21S Rge. 32W 3W

Other Services:
CNL/FDC-GR
BHC-GR

Permanent Datum: GROUND LEVEL ; Elev.: 2945
Log Measured From K.B. , 14 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 2959
D.F. ---
G.L. 2945

Date	12-30-74			
Run No.	ONE			
Depth—Driller	5190			
Depth—Logger	5189			
Btm. Log Interval	5183			
Top Log Interval	1448			
Casing—Driller	8 5/8 @ 1447	@	@	@
Casing—Logger	1448			
Bit Size	7 7/8			
Type Fluid in Hole	STARCH			
Fluid Level	FULL			
Dens. | Visc.	9.4 | 48			
pH | Fluid Loss	7.0 | 8.0 ml	ml	ml	ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	0.45 @ 69 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	0.29 @ 60 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	--- @ --- °F	@ °F	@ °F	@ °F
Source: R_{mf} | R_{mc}	M | ---			
R_m @ BHT	0.27 @ 115 °F	@ °F	@ °F	@ °F
Time Since Circ.	8 HOURS			
Max. Rec. Temp.	115 °F	°F	°F	°F
Equip. | Location	7734 | LIBERAL			
Recorded By	PATTERSON			
Witnessed By	BARNHART, CARPENTER			

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES

Date | Sample No.		
Depth - Driller		
Type Fluid in Hole		
Dens. | Visc.		
ph | Fluid Loss	ml	ml
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}		
R_m @ BHT	@ °F	@ °F
R_{mf} @ BHT	@ °F	@ °F
R_{mc} @ BHT	@ °F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	ONE			
Panel No.	C-186			
Cart. No.	B-202			
Sonde No.	DB-139			
Mem. Panel No.	B-290			
G.R. Cart No.	---			
G.R. Panel No.	---			
TTR No.	---			
Cent. Device	USED			
Stand off - Inches	1.5"			
Time Const. - Sec.	---			
Speed - F.P.M.	70			

REMARKS

Service Order No. - 31481

☒ Surface determined sonde errors used for 6FF40.

☒ 6FF40 sonde error corrected for 7 7/8 inch borehole signal at R_m = 0.3 OHMS.

☐ 6FF40 zero set in hole at depth of feet.

CALIBRATION DATA

CALIBRATION:	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISION	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.
GAMMA RAY:						

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

SPONTANEOUS-POTENTIAL

MILLIVOLTS

10

− |←→| +

RXO/RT

CONDUCTIVITY

MILLIMHOS/M = $\frac{1000}{\text{OHMS. M}^2\text{/M}}$

DEEP INDUCTION LOG

1000 500 0

RESISTIVITY

OHMS. M^2/M

DEEP INDUCTION LOG

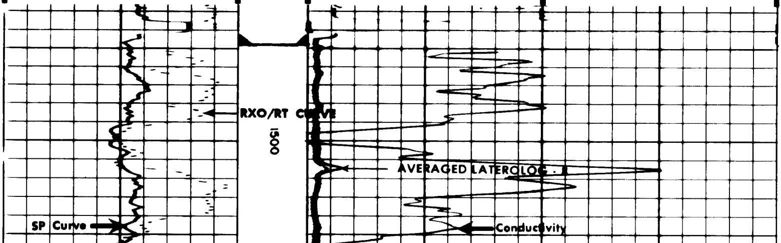
0 50

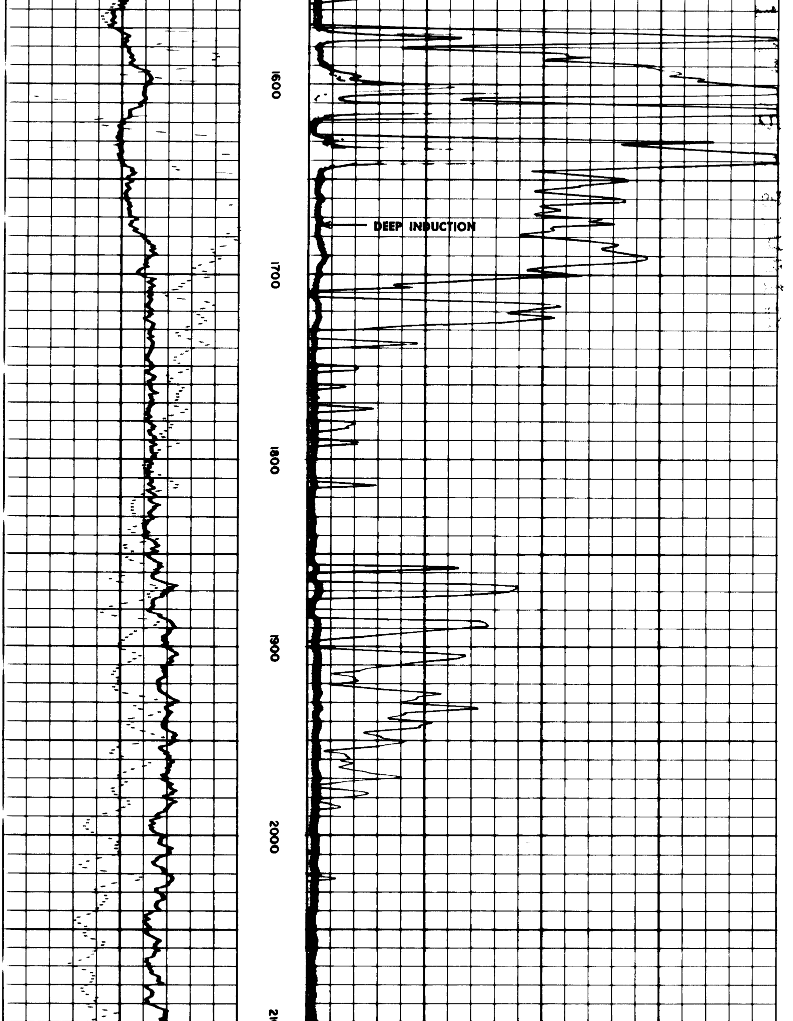
0 500

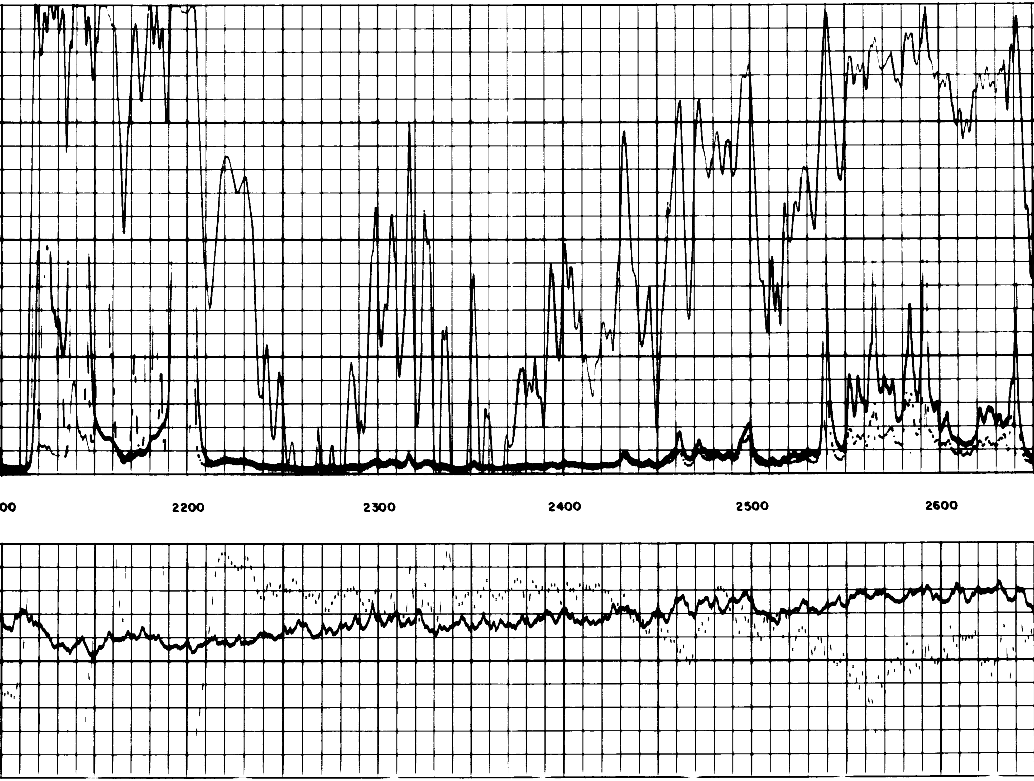
AVERAGED LATEROLOG - 8

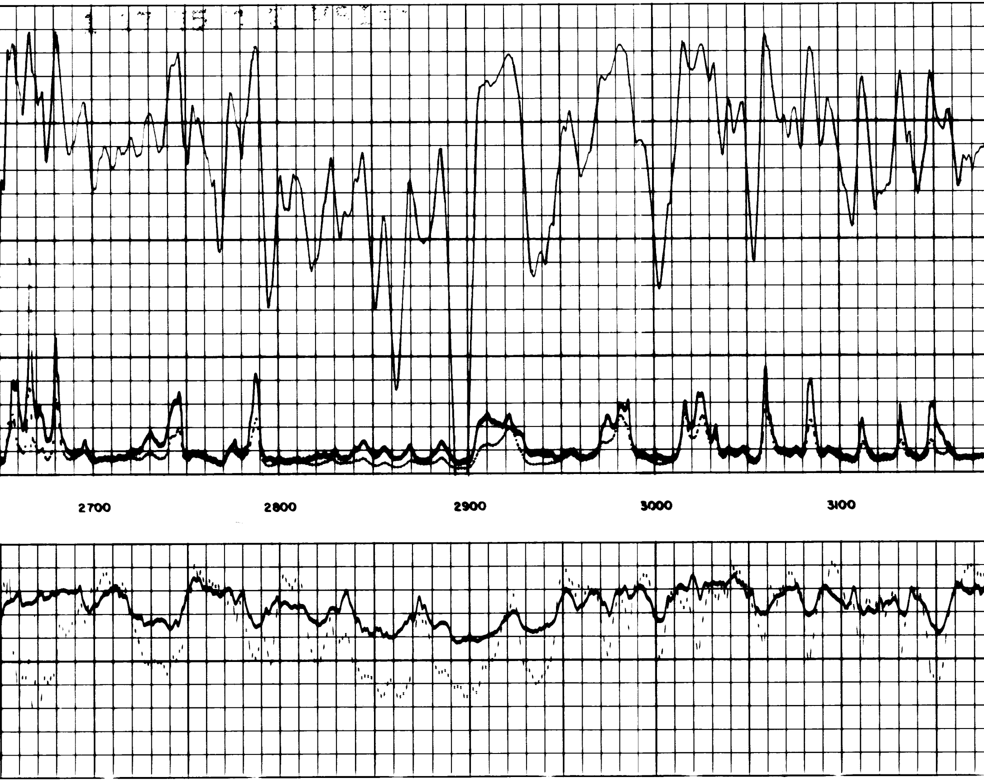
0 50

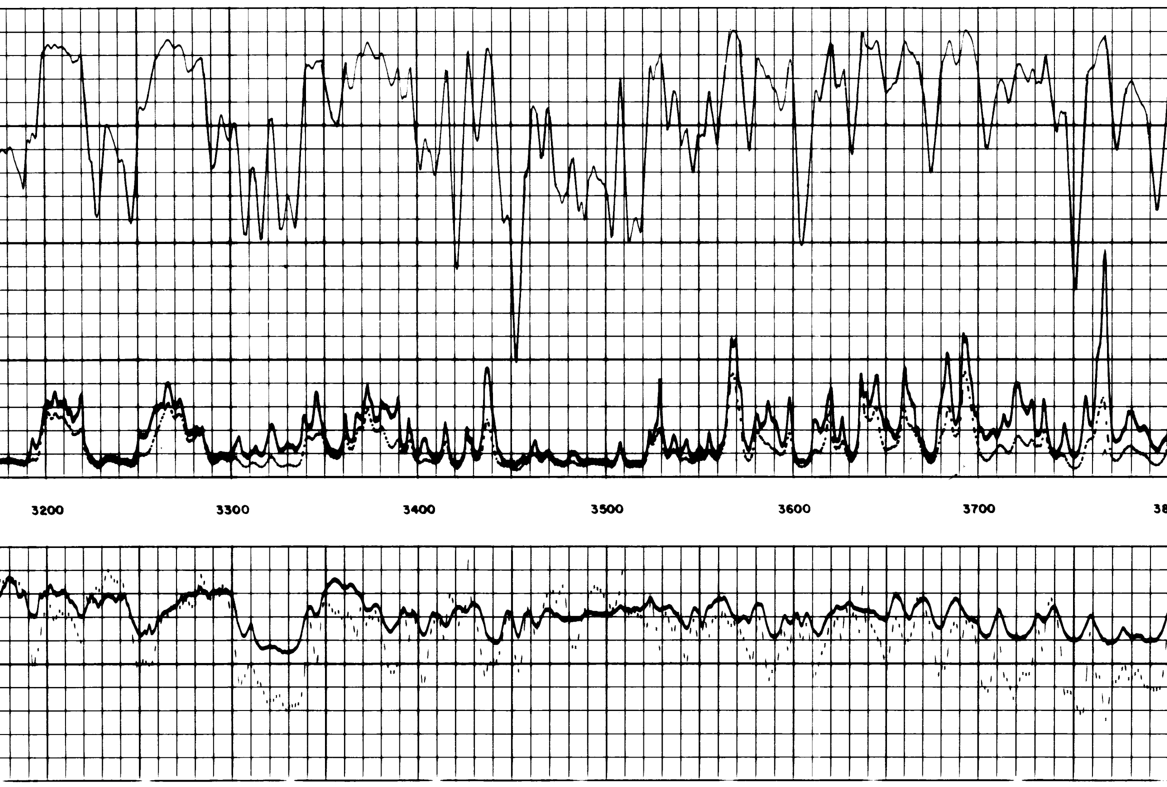
0 500

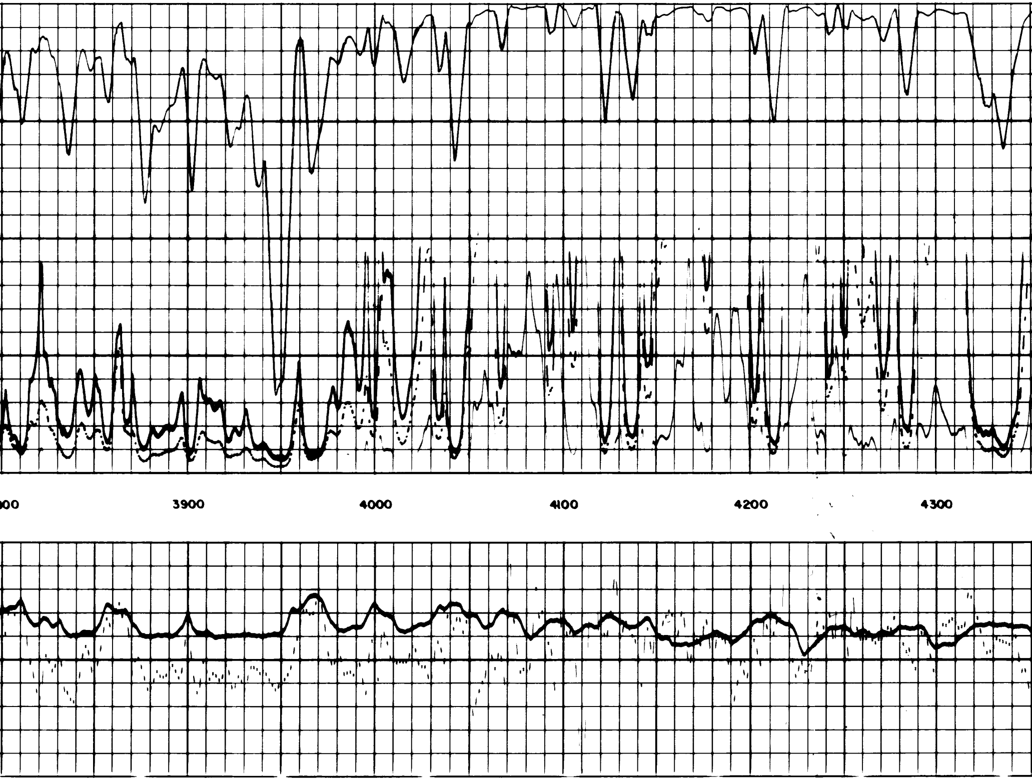


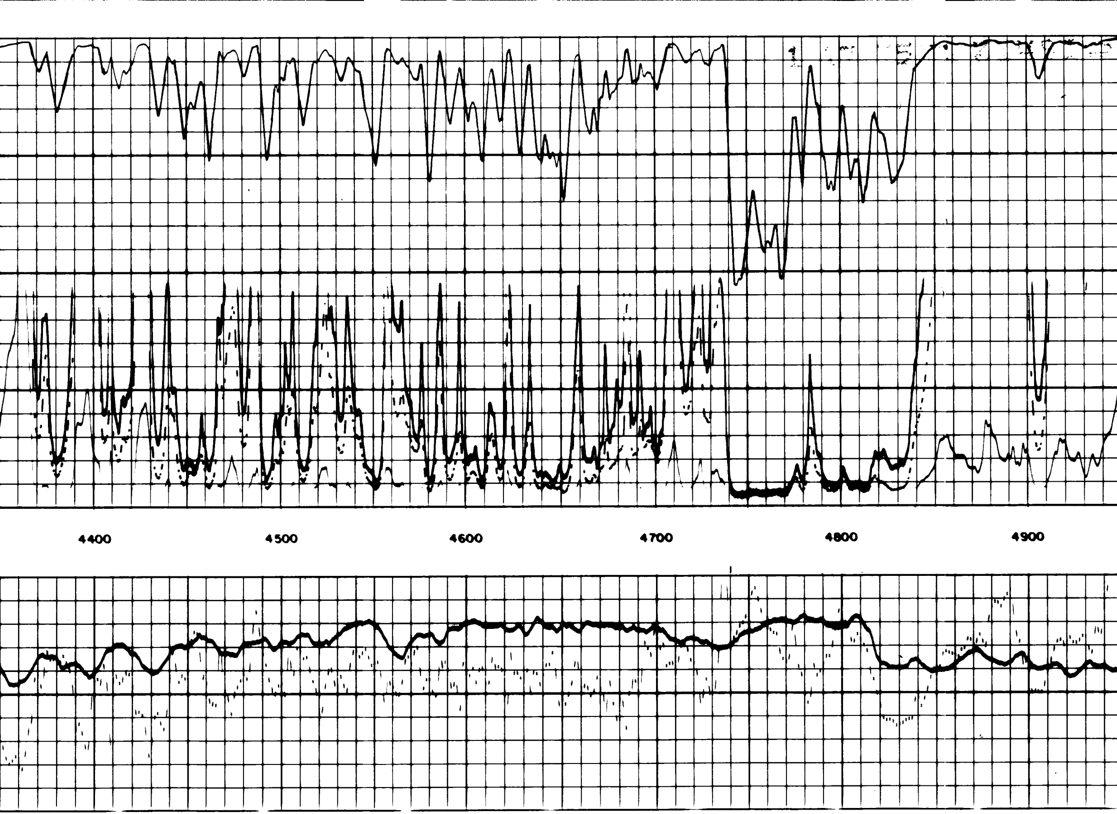


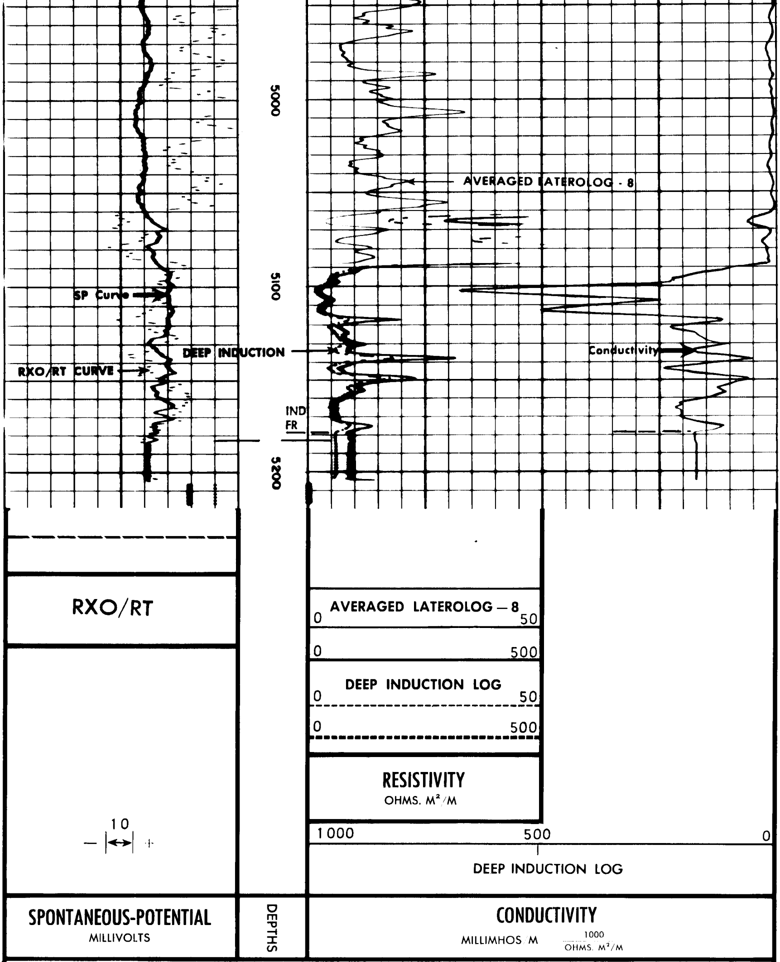




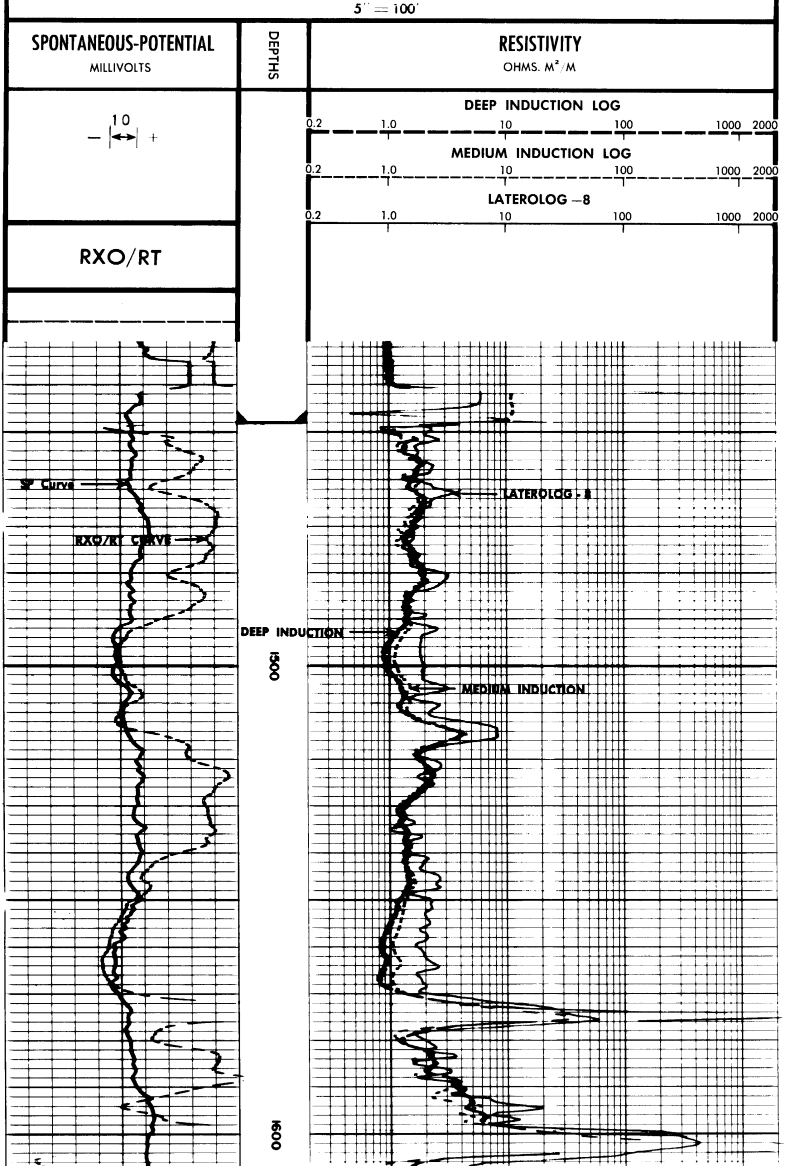


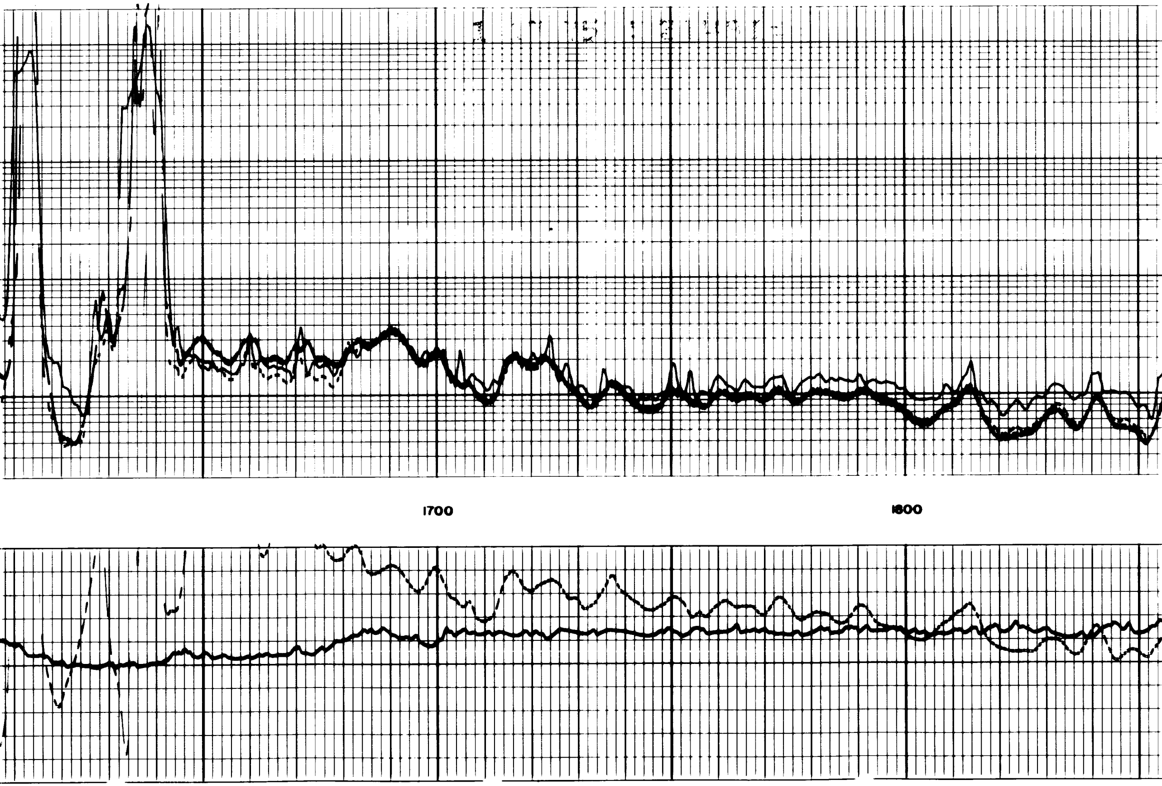


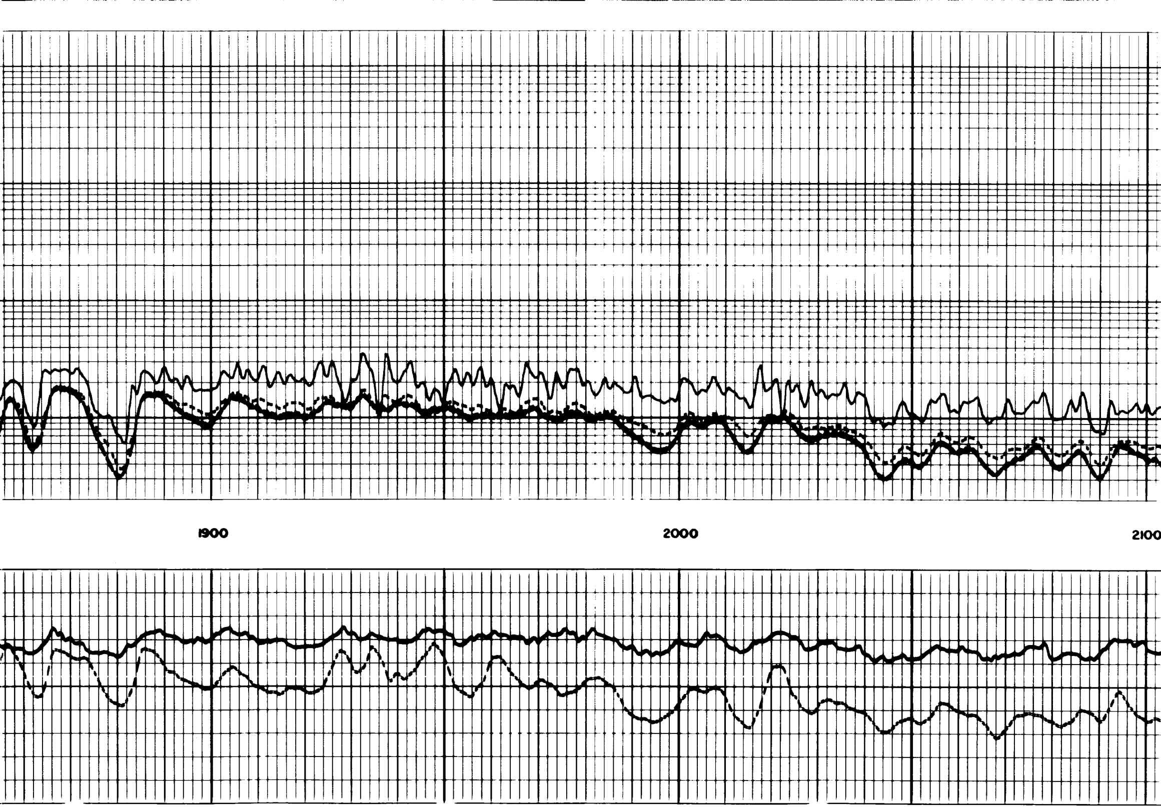


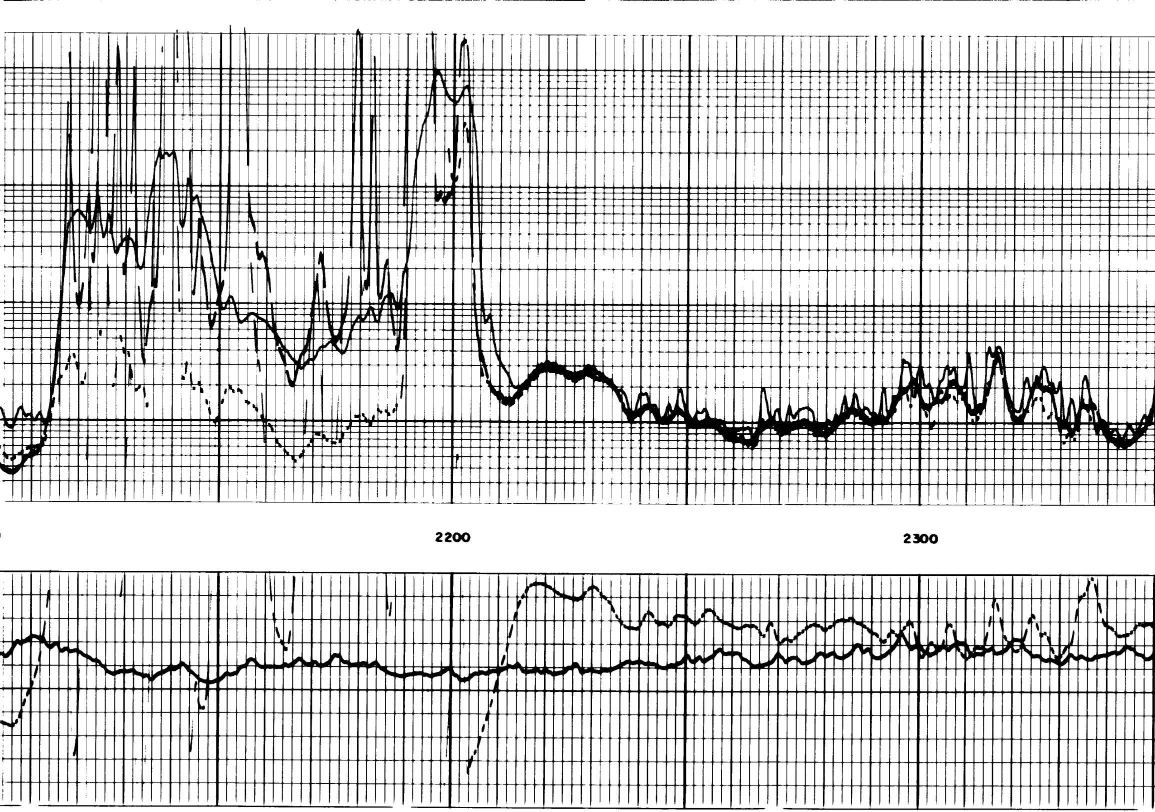


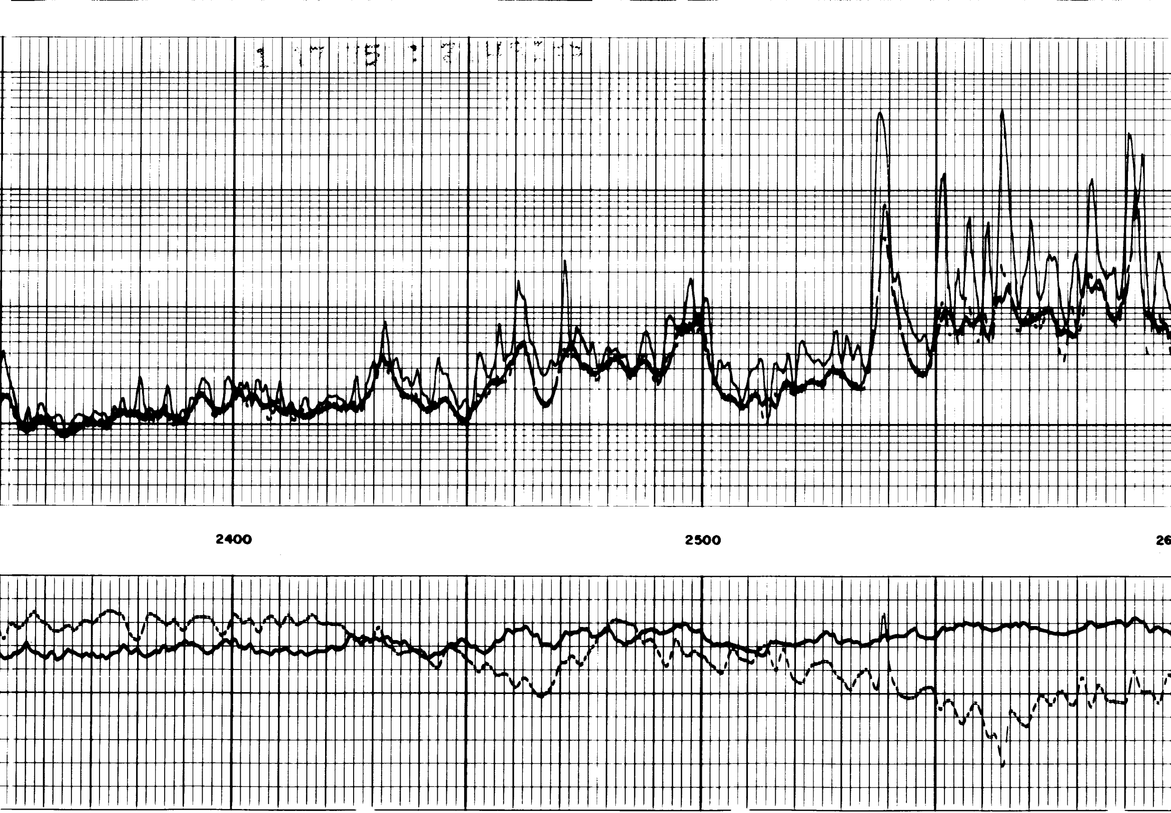
DETAIL LOG

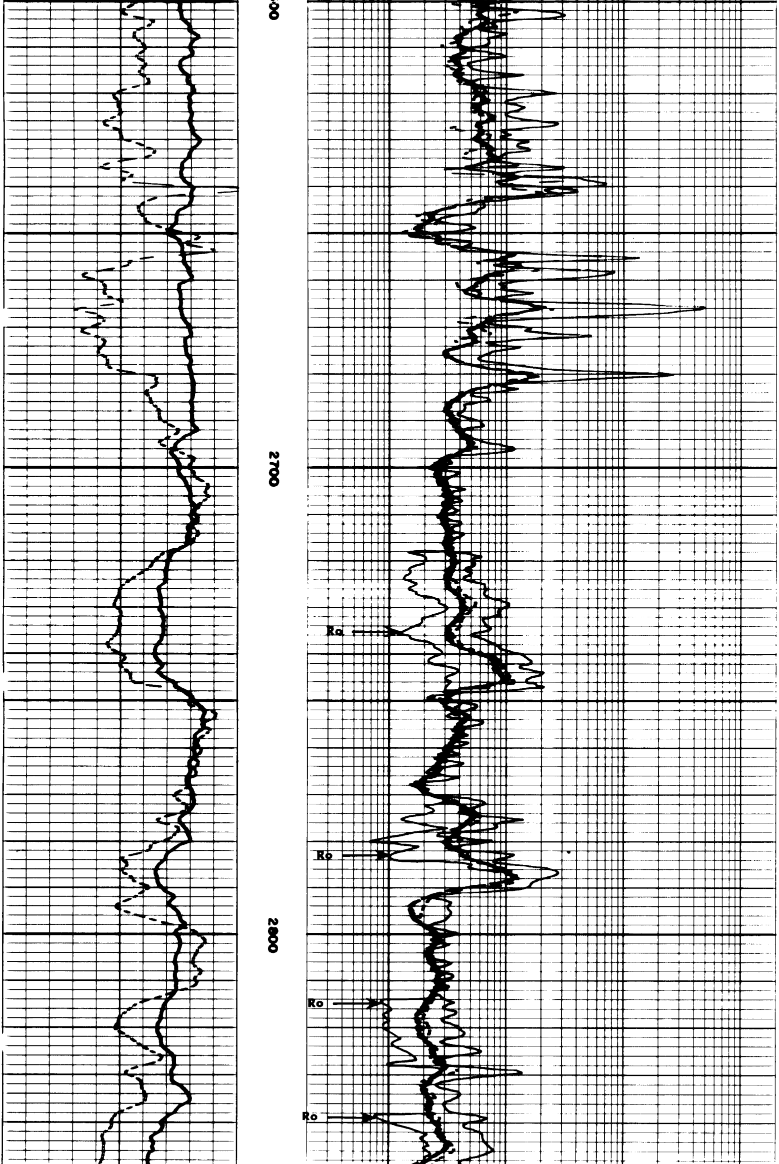


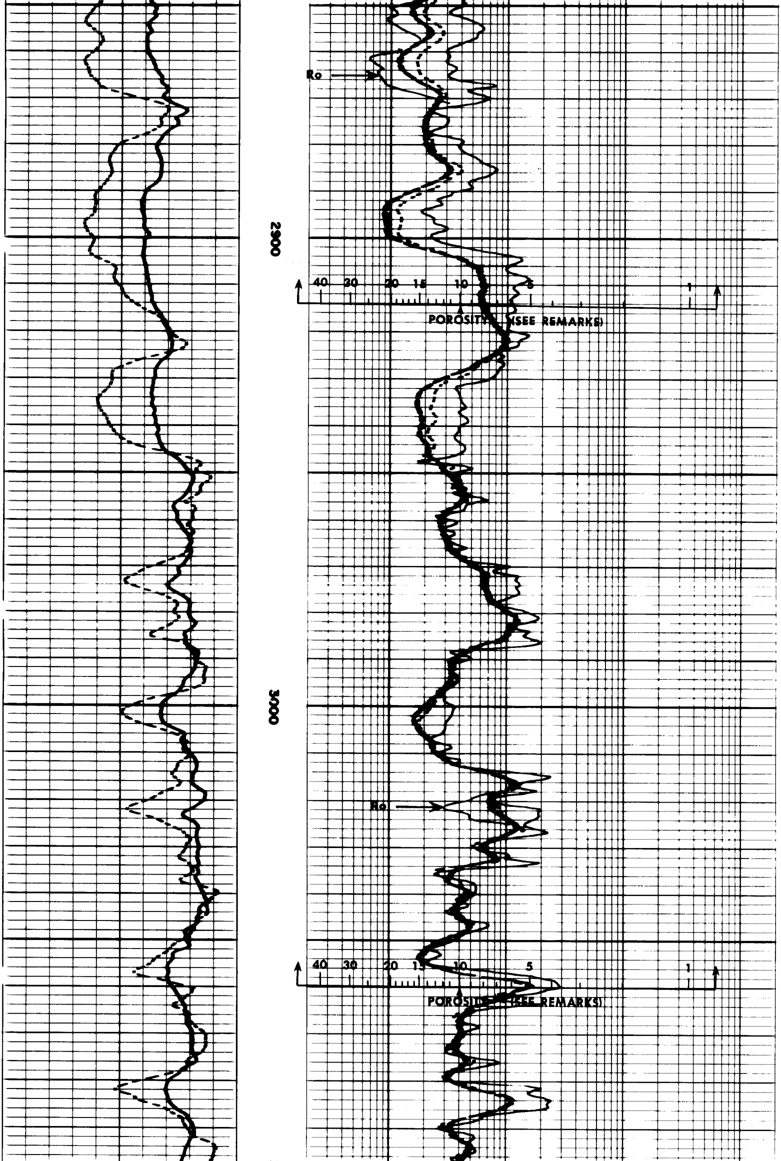


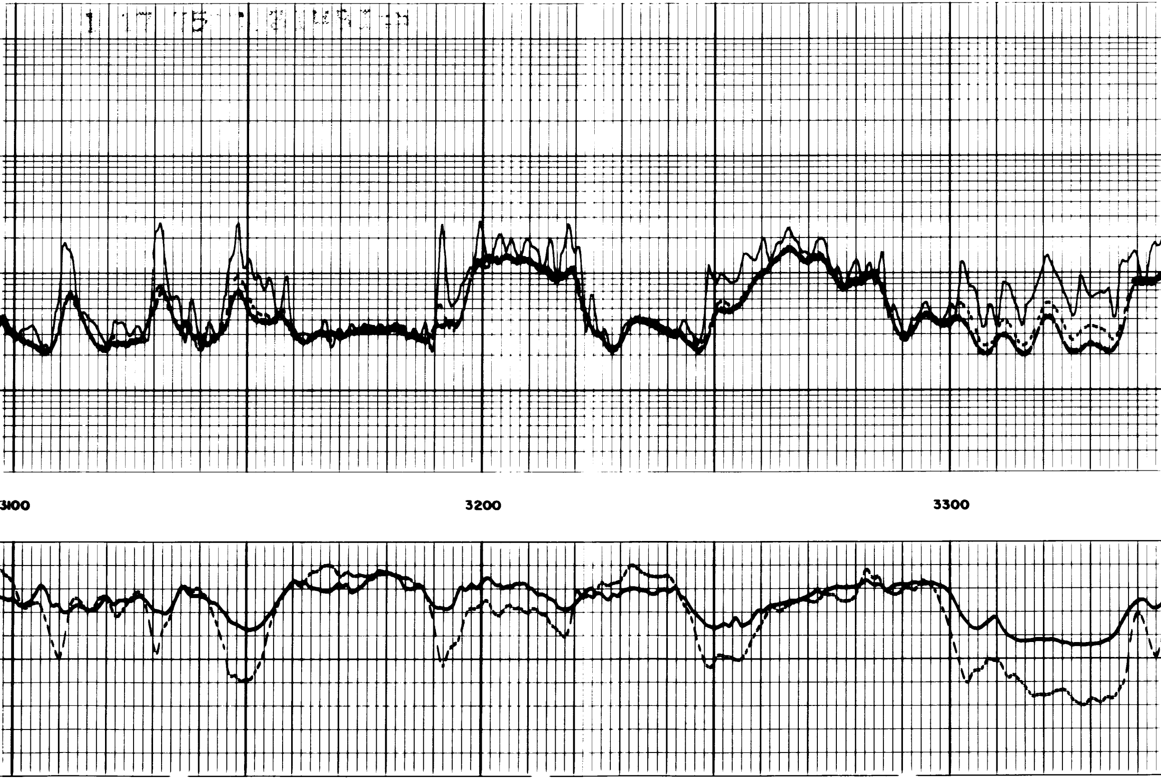


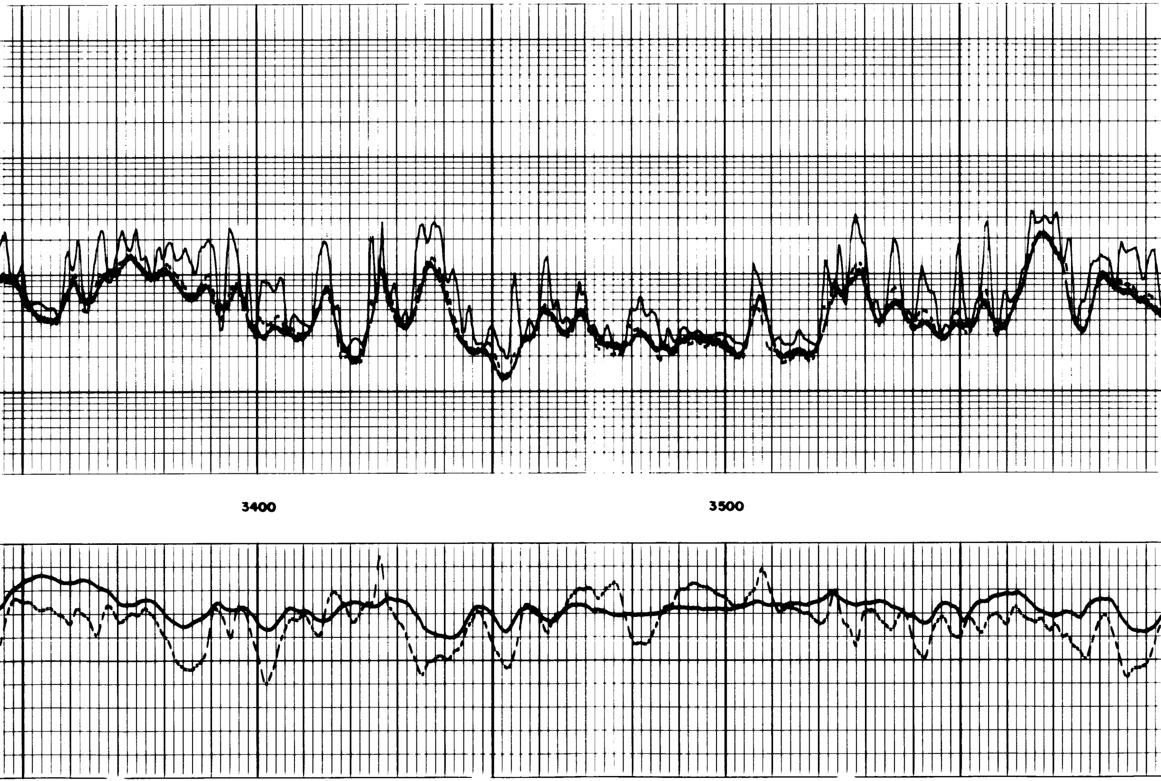


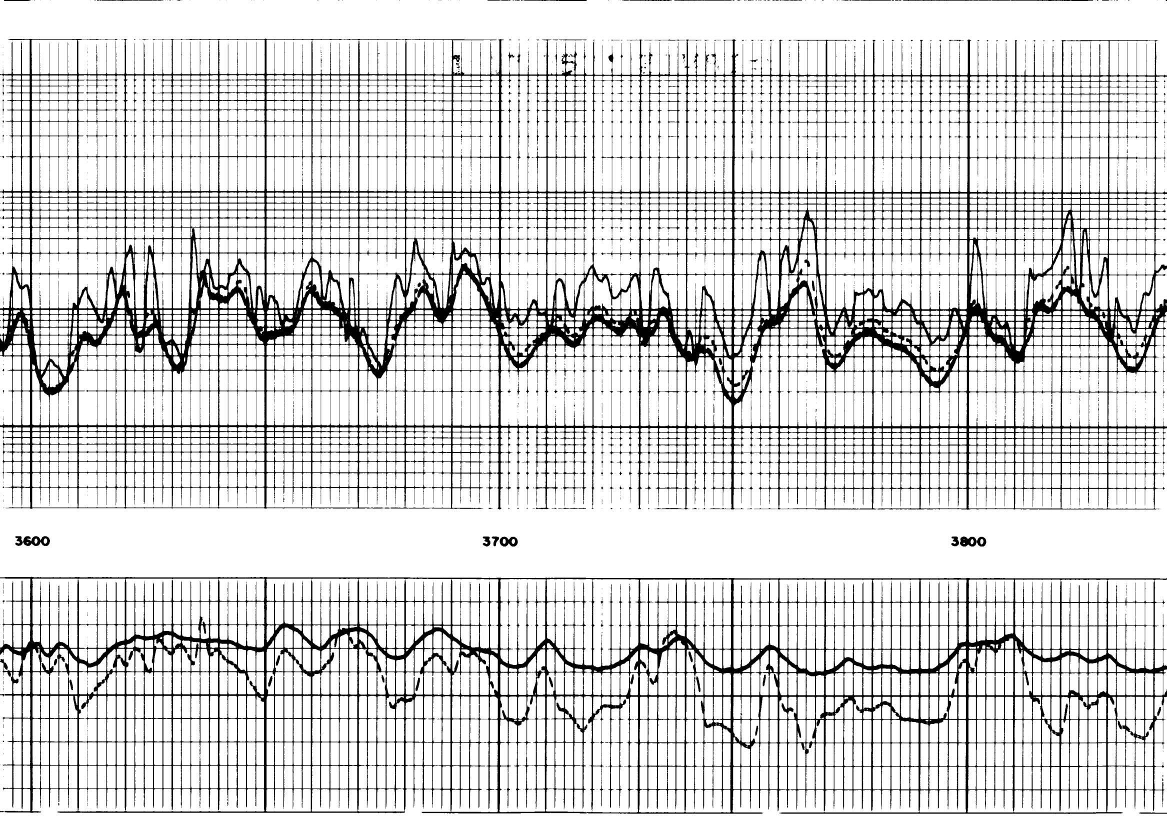


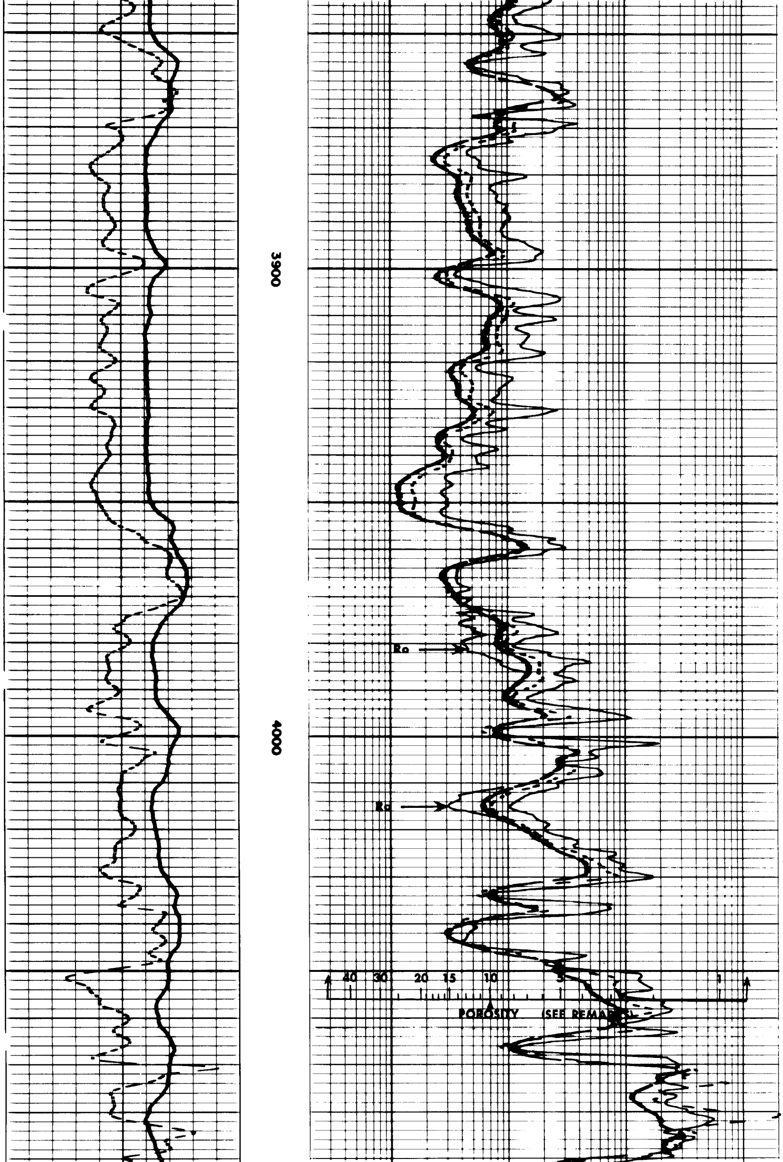


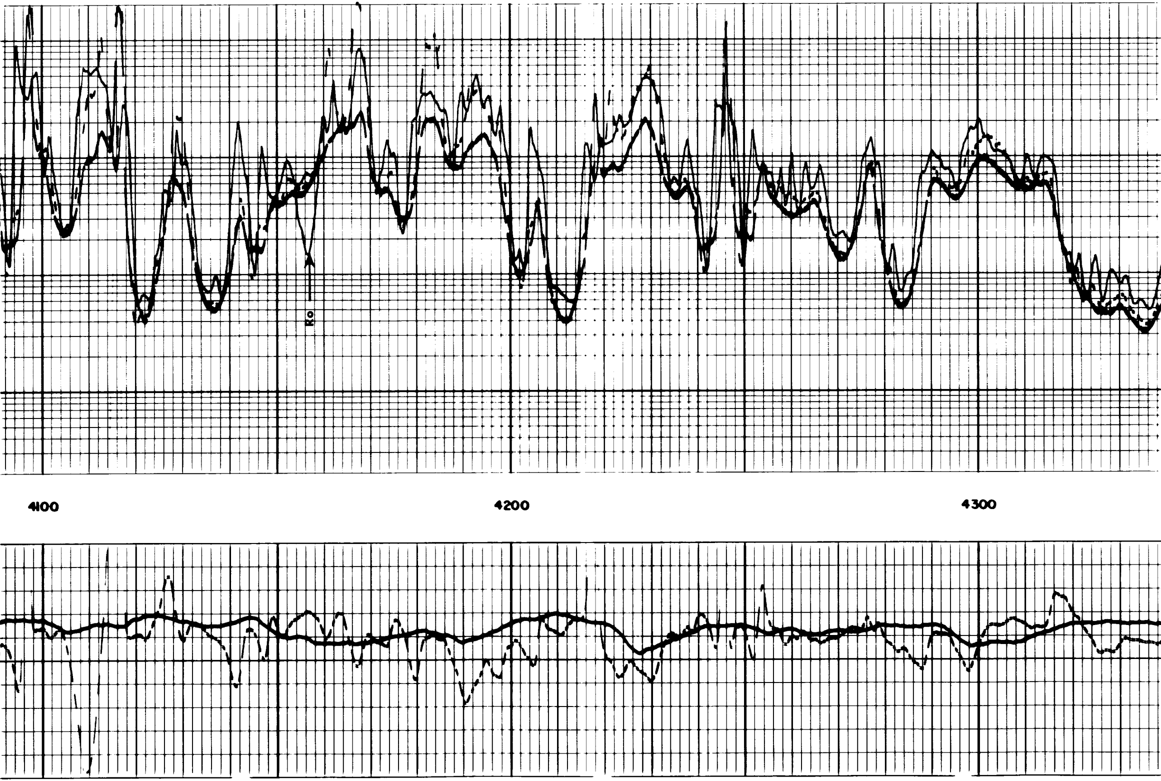


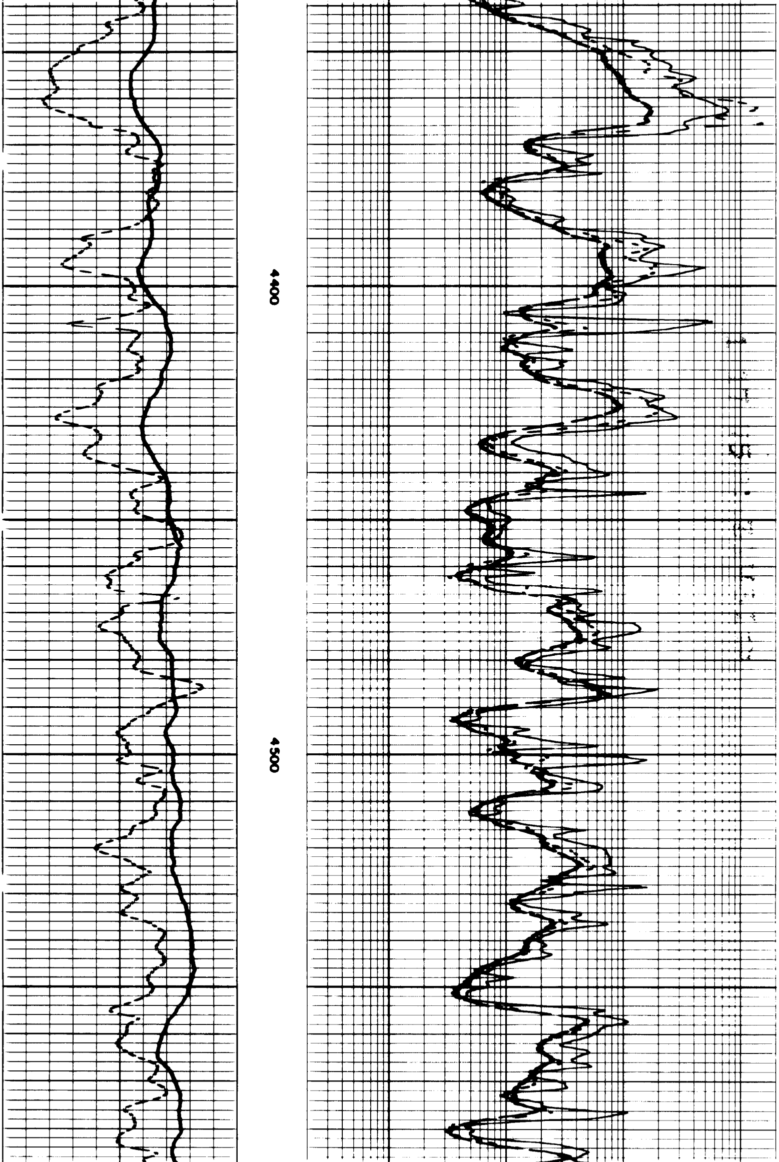


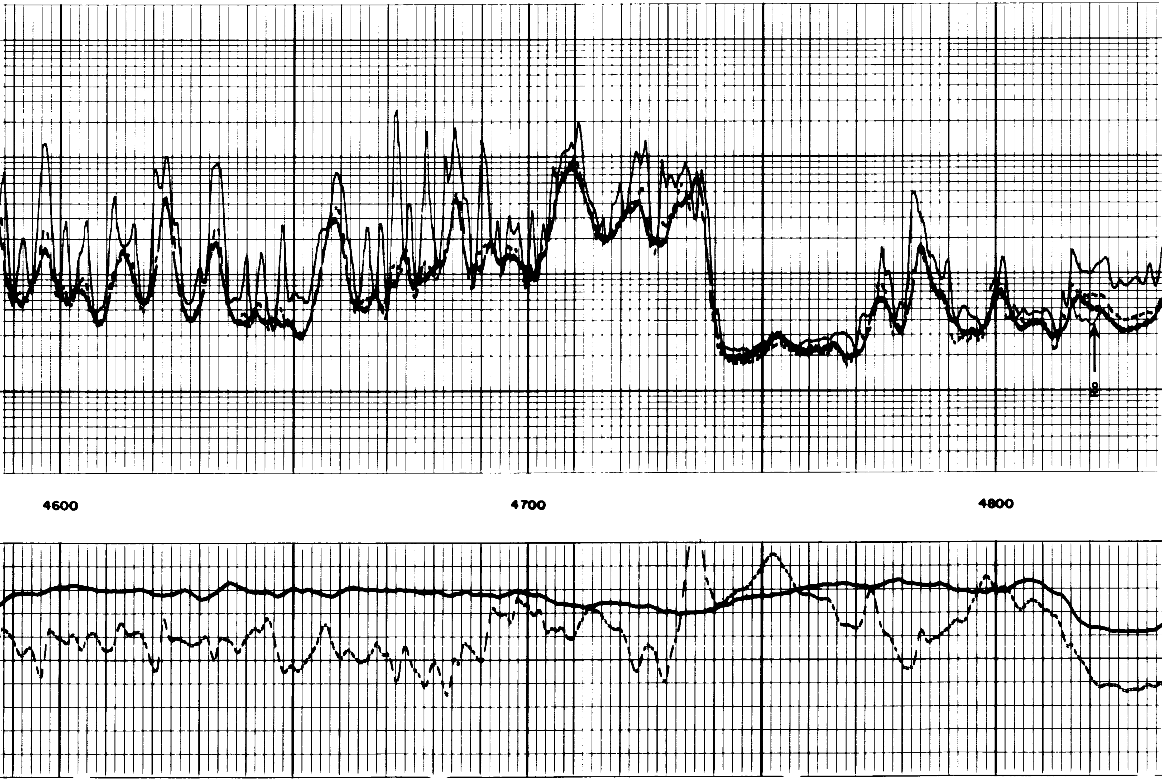


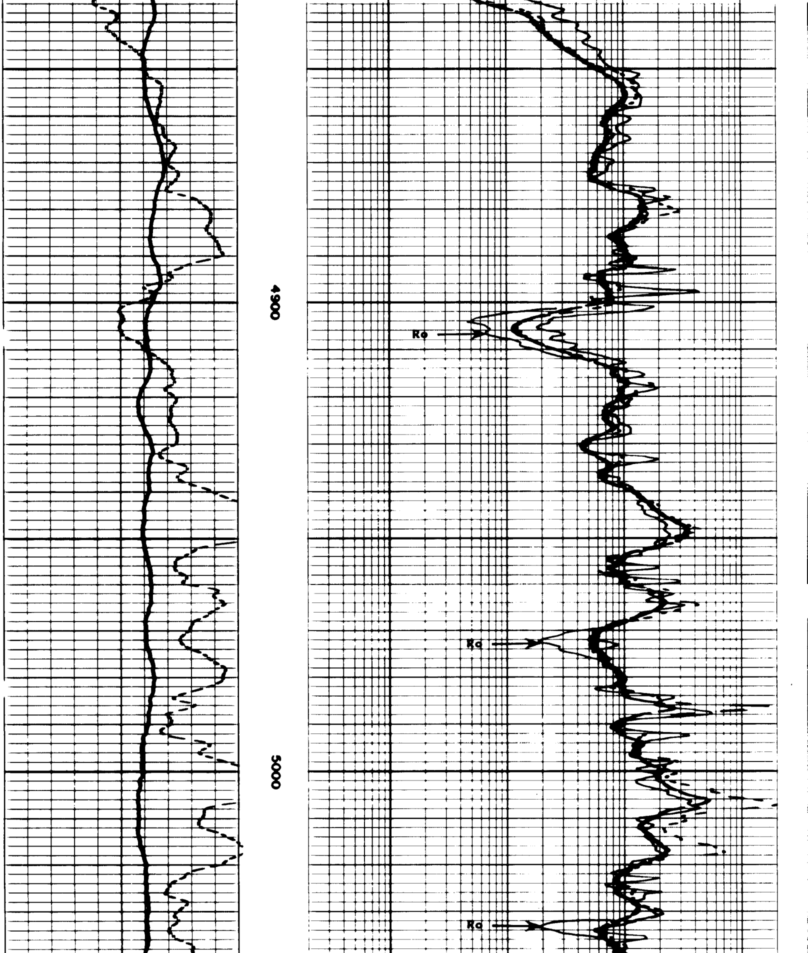


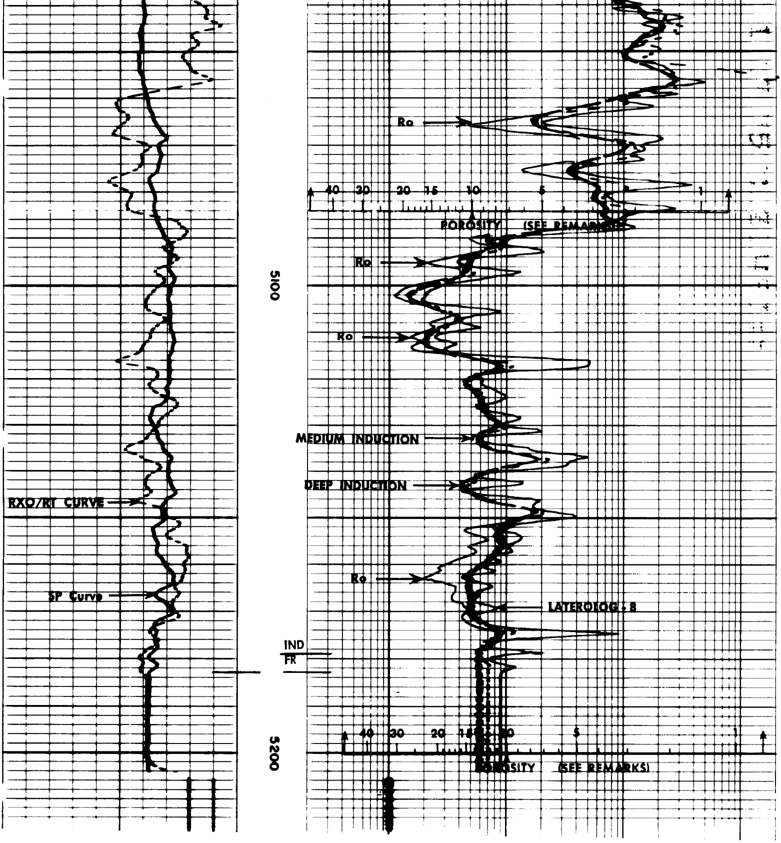




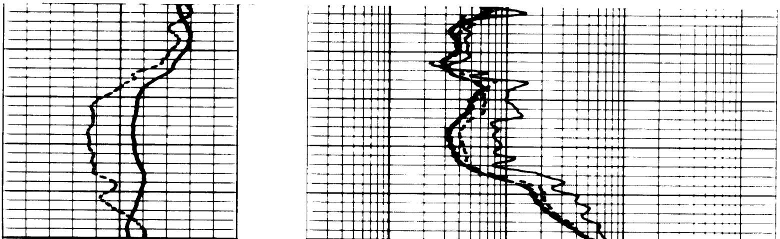


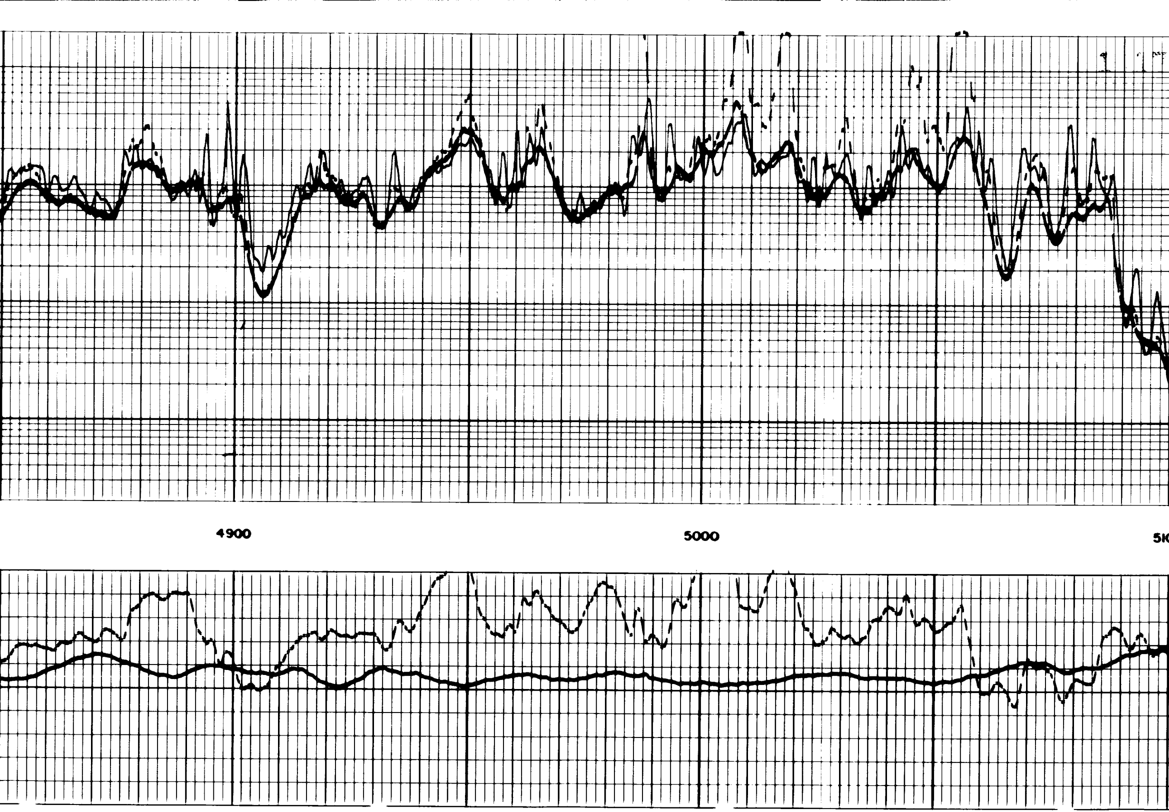


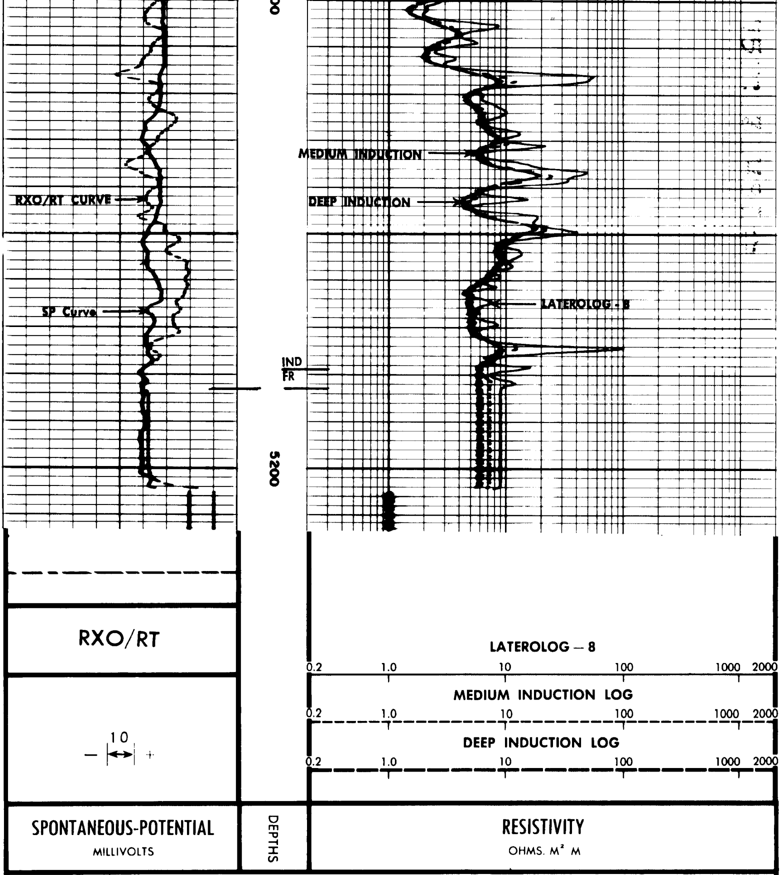




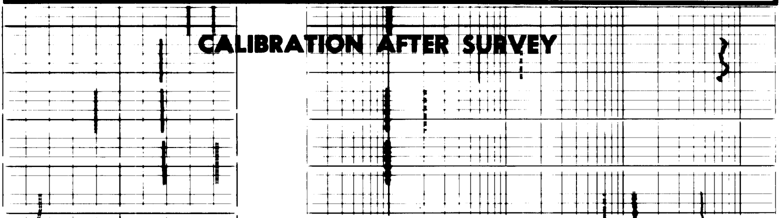
REPEAT SECTION

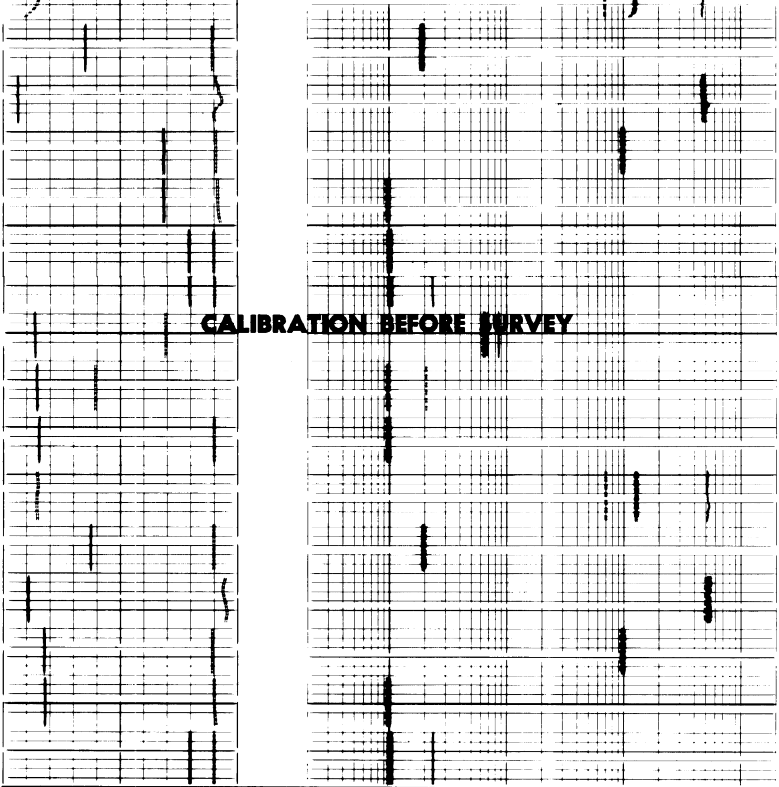






CALIBRATION RECORD





DUAL INDUCTION CALIBRATION FILM CODING

1. MECHANICAL ZERO
2. 1 OHM-M
3. 100 OHM-M
4. ELECTRICAL ZERO (500 OHM-M)
5. 2 OHM-M
6. SONDE ERRORS (+2 MMHO)
7. ZERO SIGNAL IN AIR
8. ILd TEST LOOP (2 OHM SIGNAL)
9. ILm TEST LOOP (2 OHM SIGNAL)
10. Rxo Rt UNITY
11. Rxo/Rt CALIBRATE

RECEIVED
1975
STATE GEOLOGICAL SURVEY OF KANSAS

CALIBRATION RECORD

COMPANY CITIES SERVICE OIL COMPANY

WELL HULLMAN "A" NO.1

FIELD WILDCAT

COUNTY FINNEY STATE KANSAS

SCHL. FR 5183

SCHL. TD 5189

DRLR TD 5190

Elev:

KB 2959

DF ---

GL 2945