NAUT-
ILUS #1

SCHLUMBERGER

INDUCTION ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY ____
FIELD or LOCATION ____
WELL ____
COMPANY ____

COMPANY STANDARD - UNION TERMINATED
WELL NAUTILUS #1
FIELD OFFSHORE NEWPORT
COUNTY LINCOLN STATE OREGON

LOCATION OCS-PO-103
Sec. ____ Twp. ____ Rge. ____

Other Services:

USGS

GEOLOGICAL SURVEY
RECEIVED
1965
LOS ANGELES

Permanent Datum: SEA LEVEL, Elev. 0
Log Measured From D.F., 33 Ft. Above Perm. Datum
Drilling Measured From D.F.

Elev.: K.B. ____
D.F. 33'
G.L. ____

Date	S-27-65	8-1-65		
Run No.	1	2		
Depth—Driller	8043	12,628		
Depth—Logger	8000	11,116		
Btm. Log Interval	7999	11,115		
Top Log Interval	3237	7800		
Casing—Driller	10¾ @3235	10¾ @3235	@	@
Casing—Logger	3237	—		
Bit Size	9⅞"	9⅝		
Type Fluid in Hole	Fresh	Fresh		
Dens. | Visc.	81 | 45	80 | 61		
pH | Fluid Loss	9.5 | 3.5 ml	9.0 | 4.2 ml	ml	ml
Source of Sample	CIRC	Flowline		
R_m @ Meas. Temp.	1.83 @ 57 °F	0.91 @ 85 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	0.47 @ 158 °F	0.30 @ 171 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	0.95 @ 158 °F	0.80 @ 171 °F	@ °F	@ °F
Source: R_{mf} | R_{mc}	C | C	C | C		
R_m @ BHT	0.68 @ 158 °F	0.46 @ 171 °F	@ °F	@ °F
Time Since Circ.	3	9hrs		
Max. Rec. Temp.	158 °F	171 °F	°F	°F
Equip. | Location	C-103 | SAC	C103 | SAC		
Recorded By	Andersen	Collins		

NOTED - SOLANAS

NOTED
SEP 14 1965
FACKLER

NOTED
SEP 14 1965
CYPHER

FOLD HERE

REMARKS Run #2 - Used down hole ground

Changes in Mud Type or Additional Samples		
Date | Sample No.		
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.		
ph | Fluid Loss	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

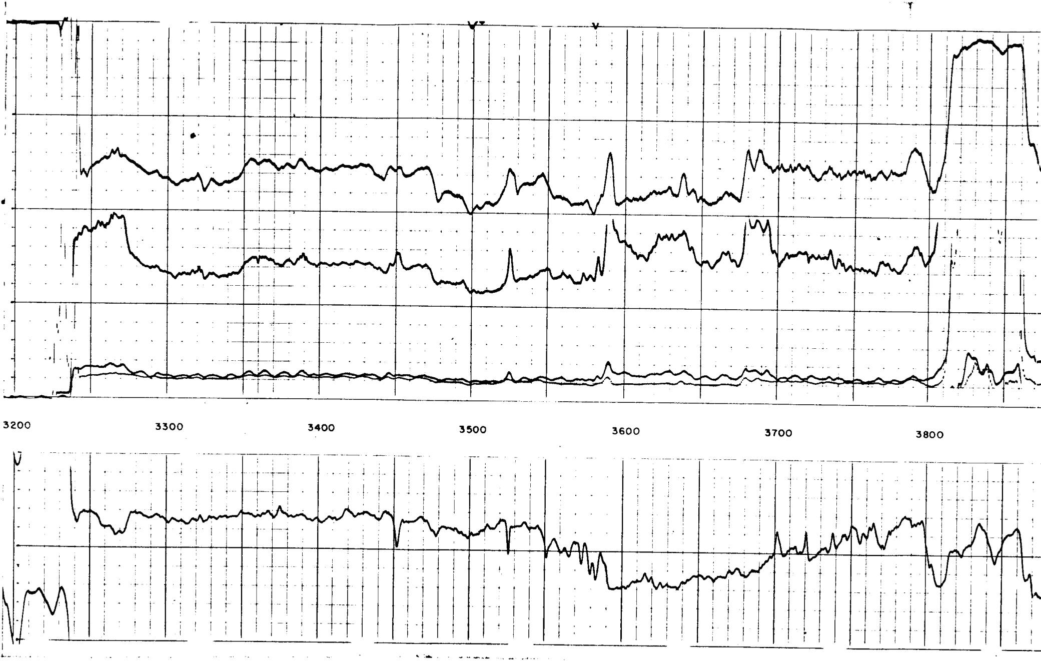
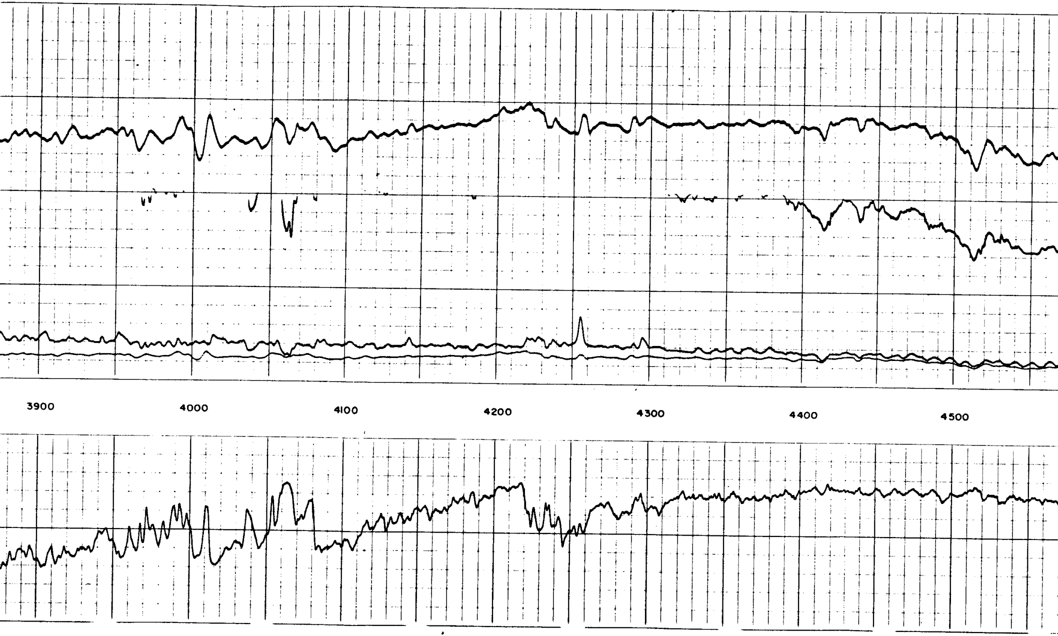
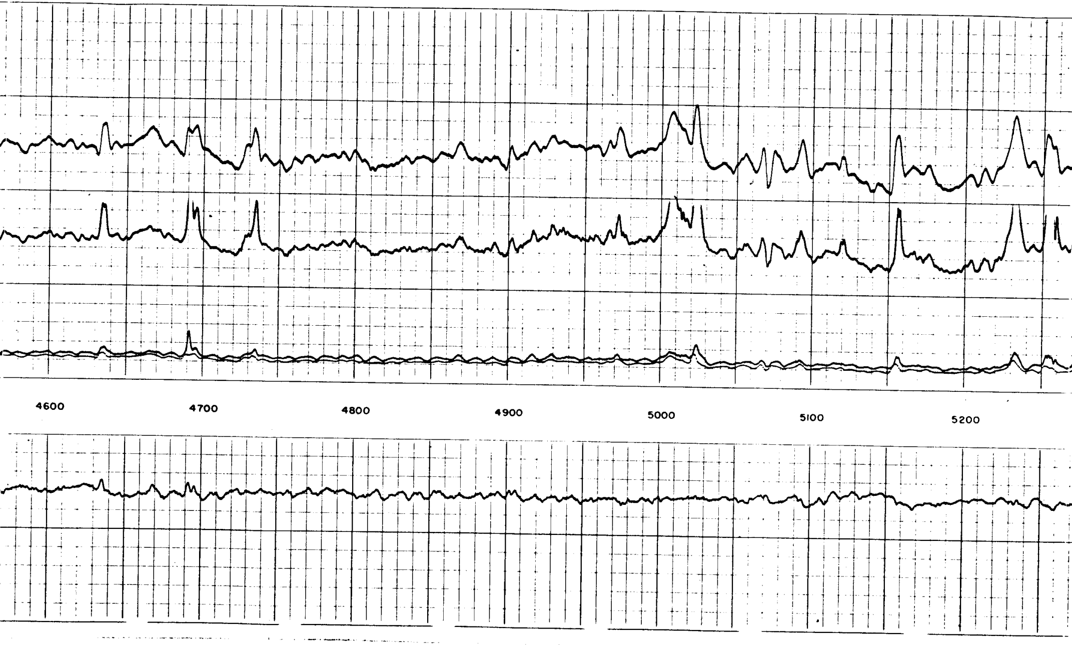
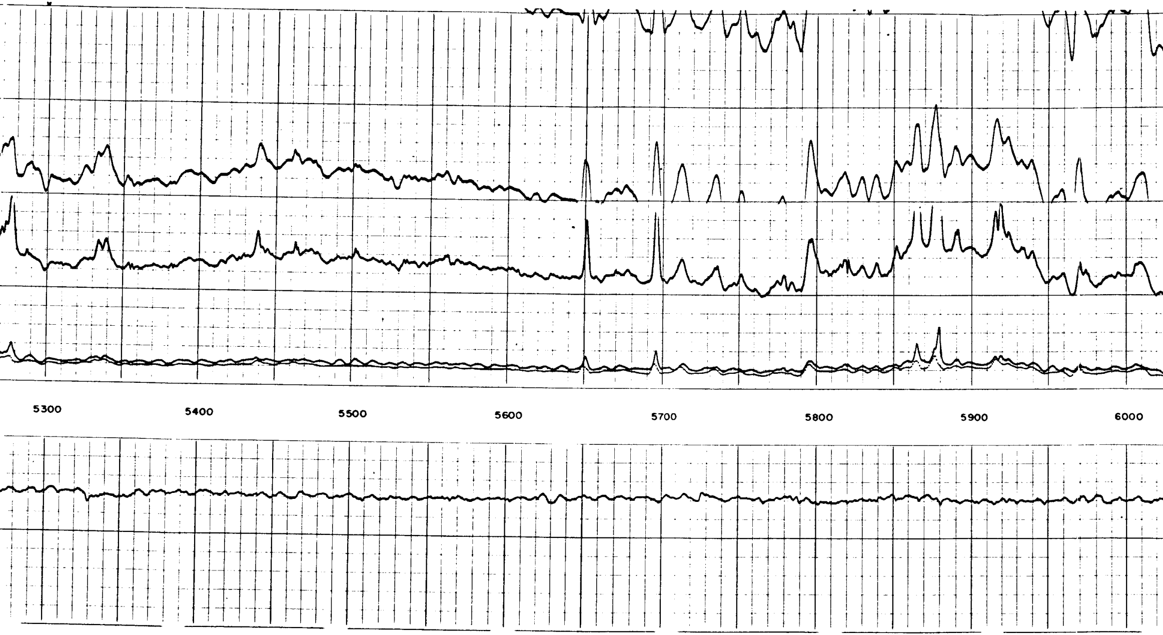
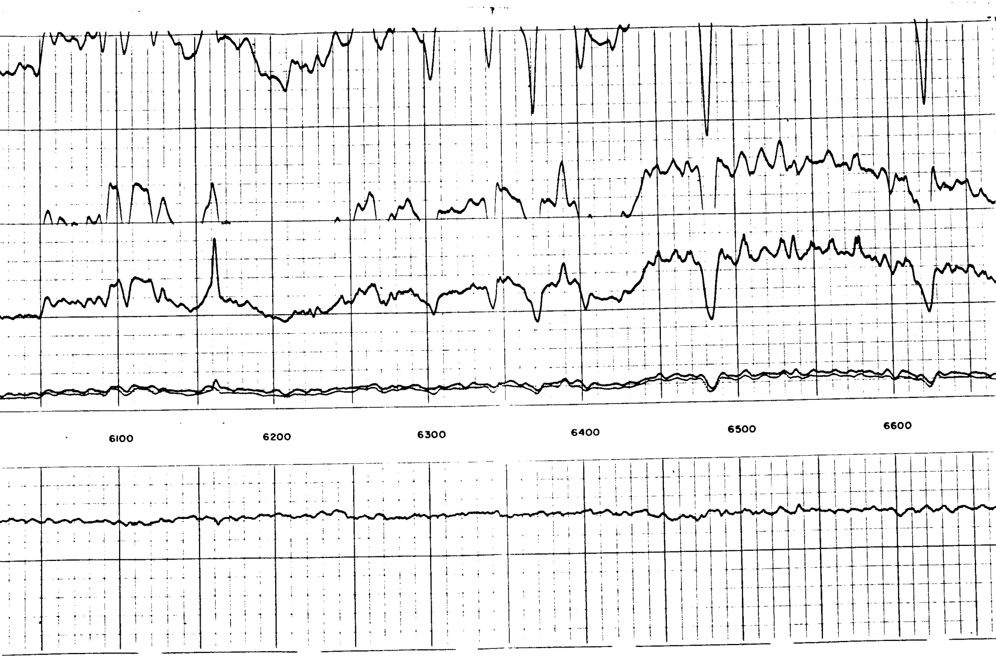
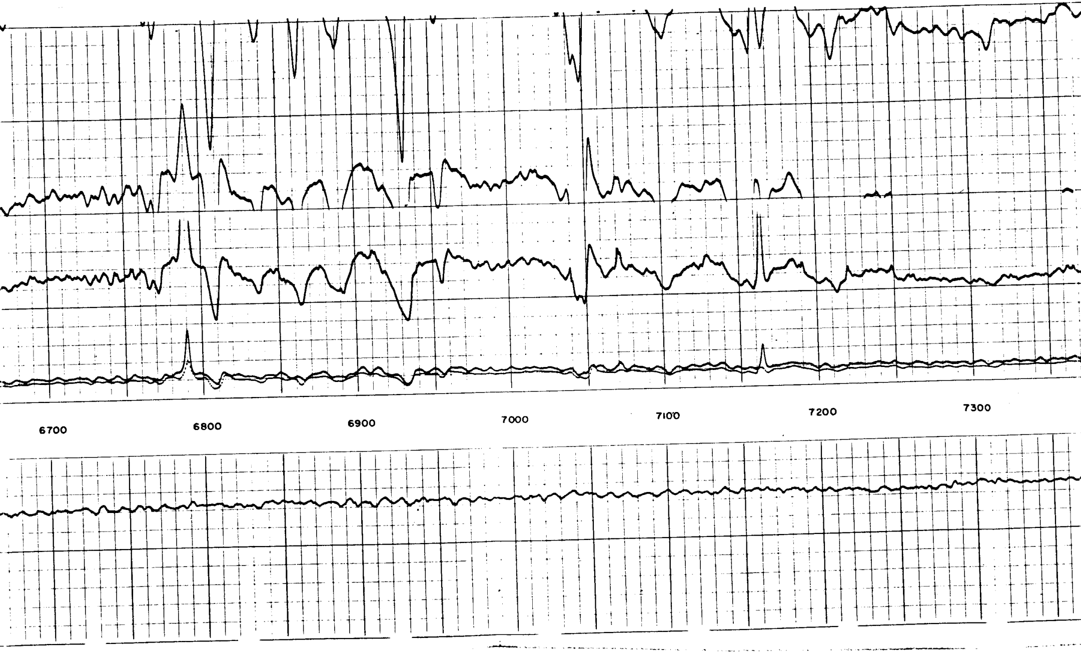
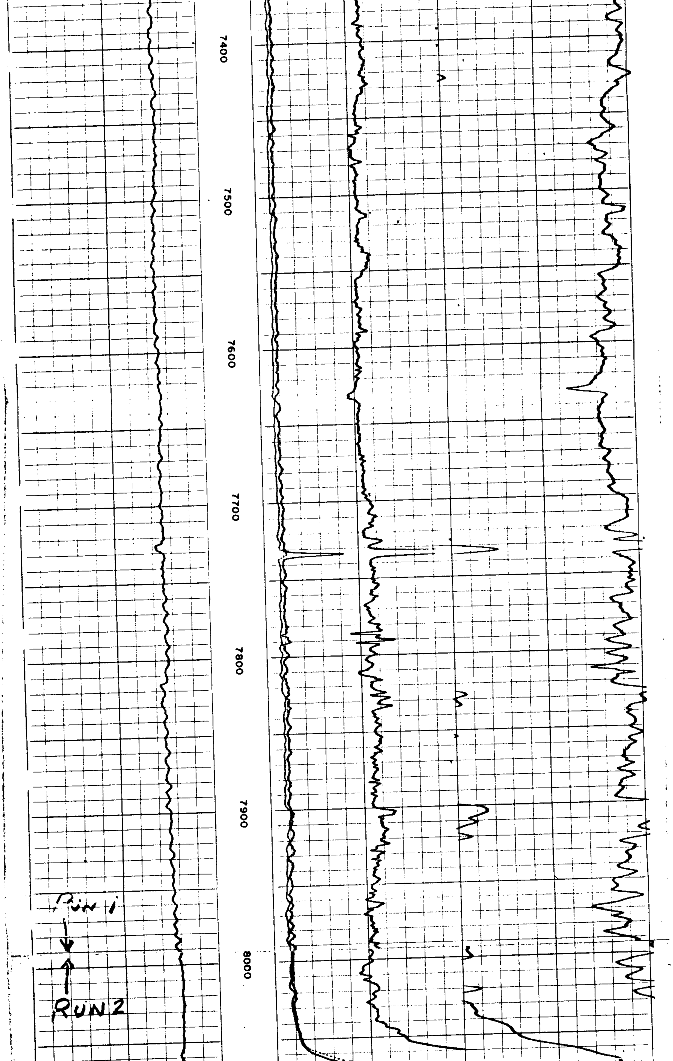
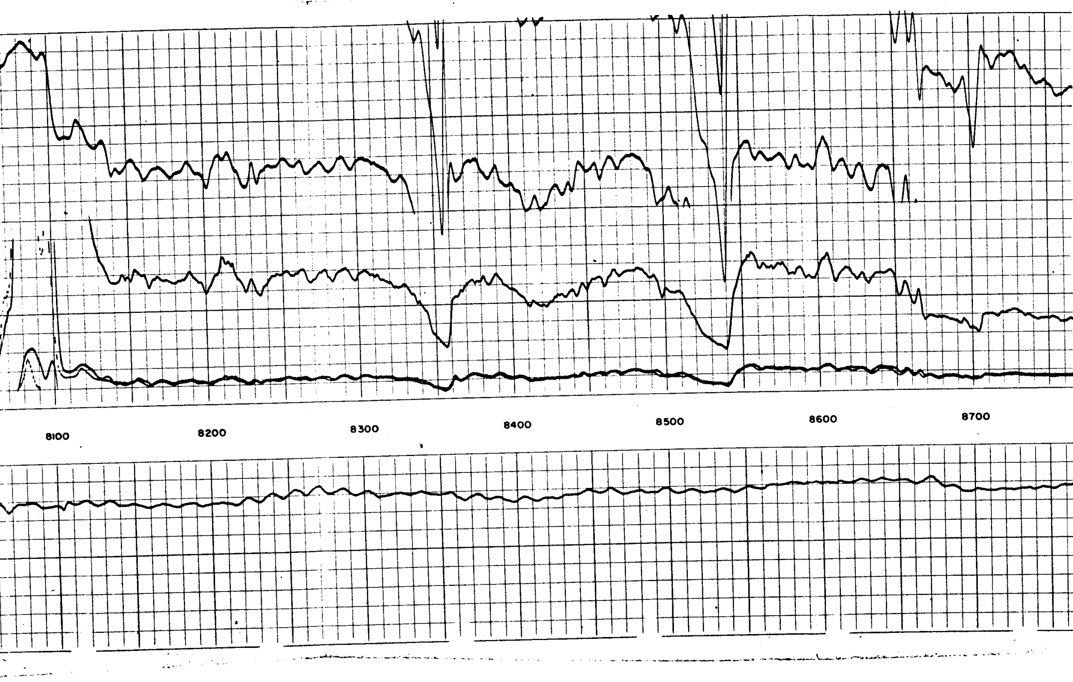
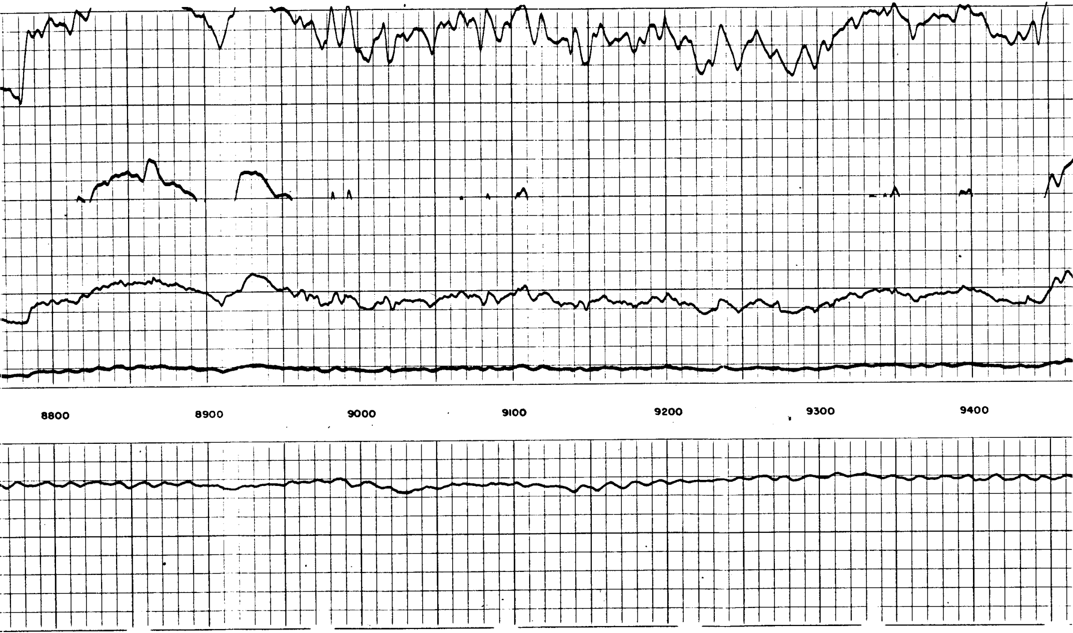
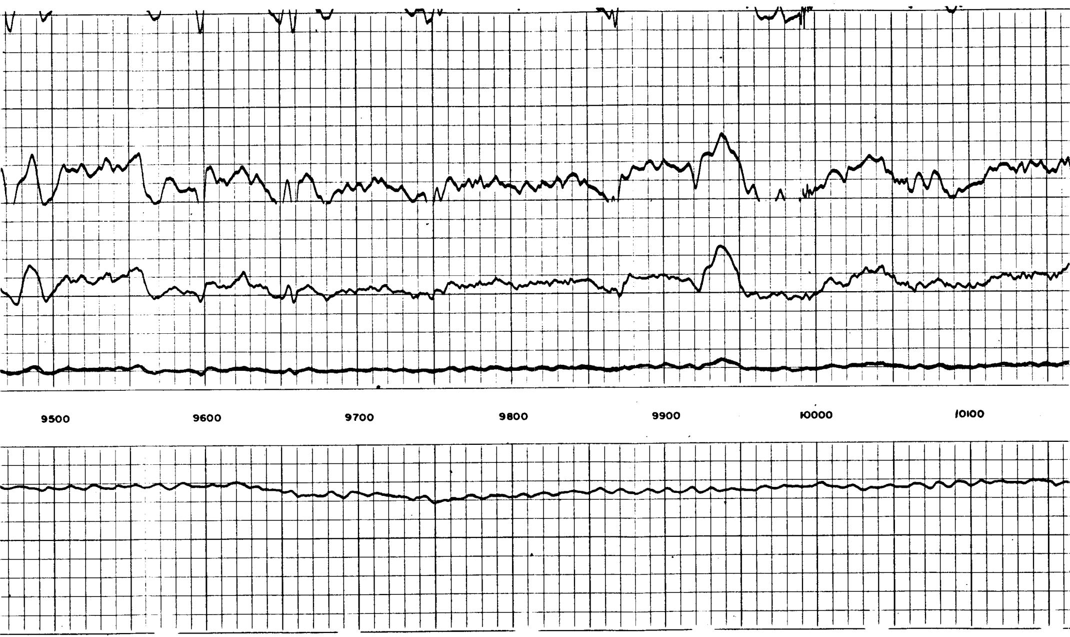
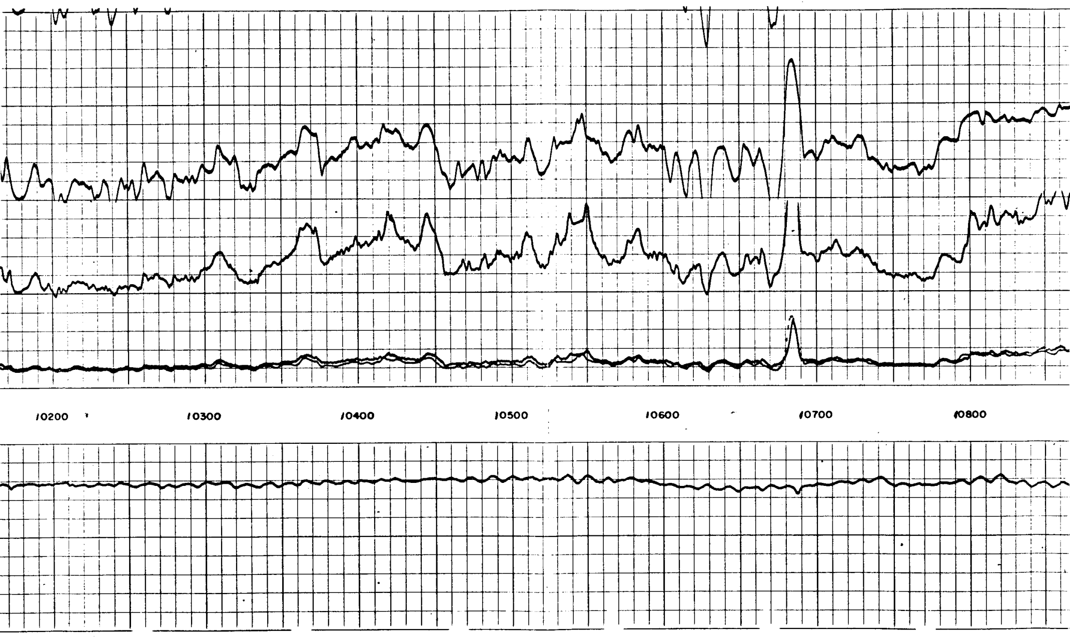
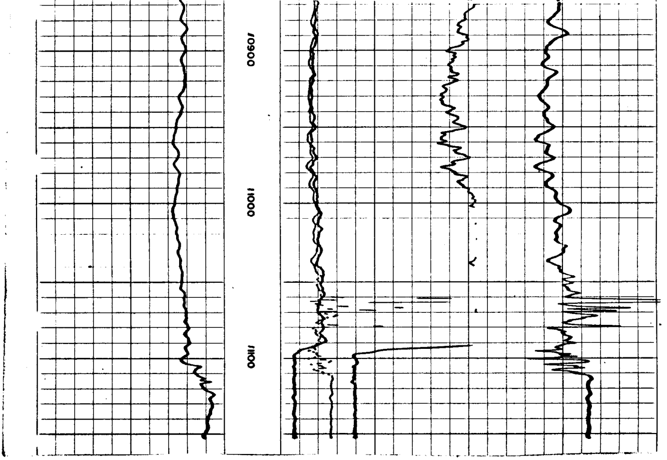
Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	6FF40	Standoff	
2	6FF40	Standoff	

Run No.:	1	2
C.D.:		used
S.O.:	1½"	1½"
Equip. Used: CART. No.:	F255	F255
PANEL No.:	F65	F133
SONDE No.:	M335	M335
S.B.R.:	5	11APC 133

SPONTANEOUS POTENTIAL 100 millivolts	DEPTHS	RESISTIVITY ohms - m²/m	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms-m}^2/\text{m}}$
− |←10→| +		A - 16" - M SHORT NORMAL 0 — 10 0 — 100	CFF40 INDUCTION 1000 — 0 2000 — 1000
		INDUCTION 0 — 10 0 — 100