SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

Electrical Log

COUNTY CLATSOP
FIELD or LOCATION 11 - 7N - 10W ASTORIA
WELL HOAGLAND UNIT NO. 1
COMPANY STANDARD OIL CO.

COMPANY STANDARD OIL CO. OF CALIFORNIA
WELL HOAGLAND UNIT NO. 1
FIELD ASTORIA
LOCATION 11 - 7N - 10W WILLAMETTE MERIDIAN
COUNTY CLATSOP
STATE OREGON

Location of Well
311' N. 499' E FROM S¼ CORNER OF SECTION
11 - 7N - 10W
WILLAMETTE MERIDIAN
(ML-DM-CST-GR)
Elevation: D.F.: 81
K.B.:
or G.L.:

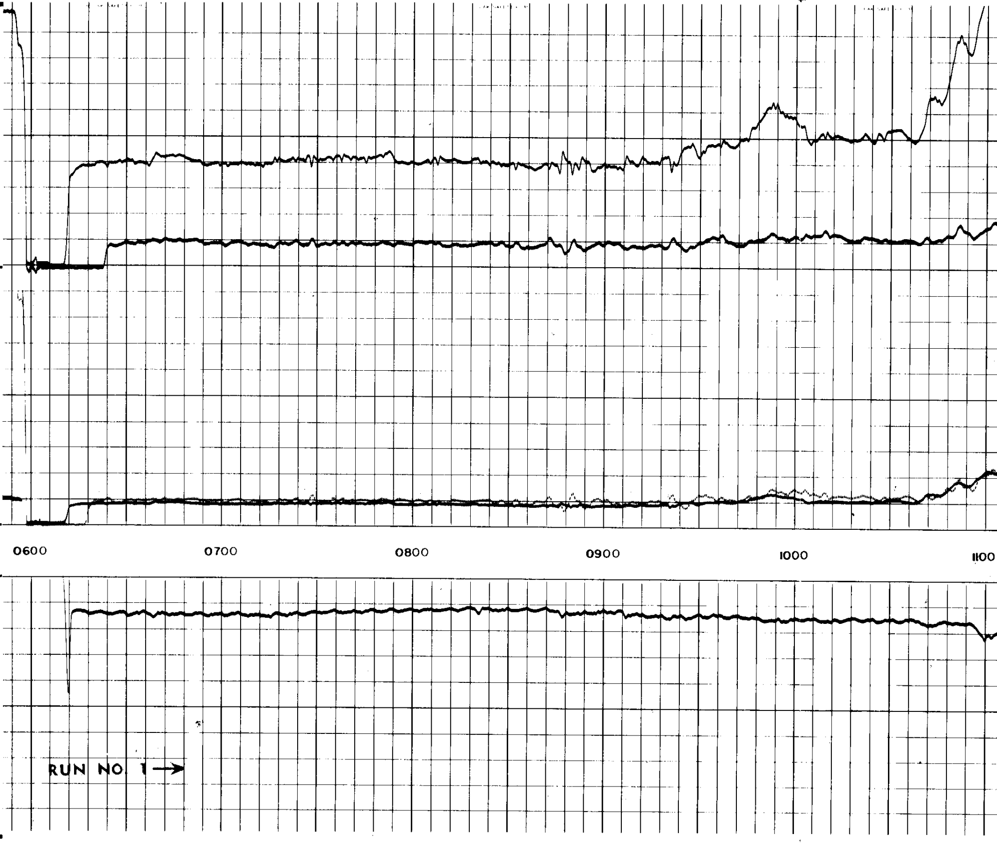
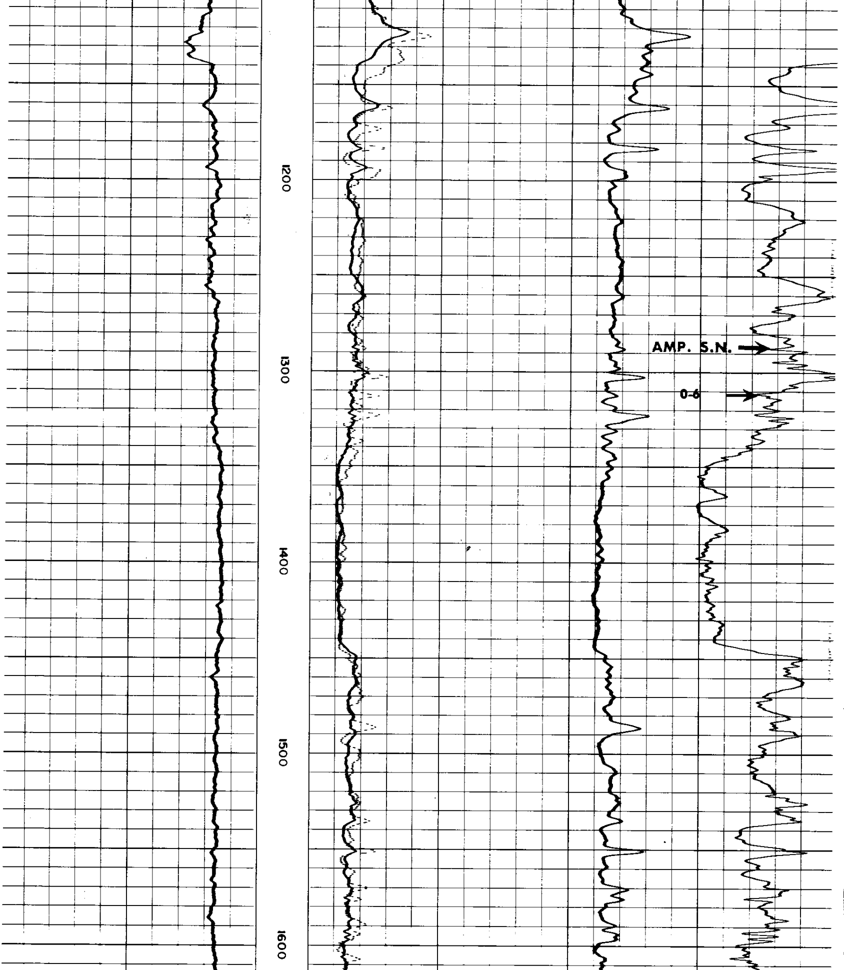
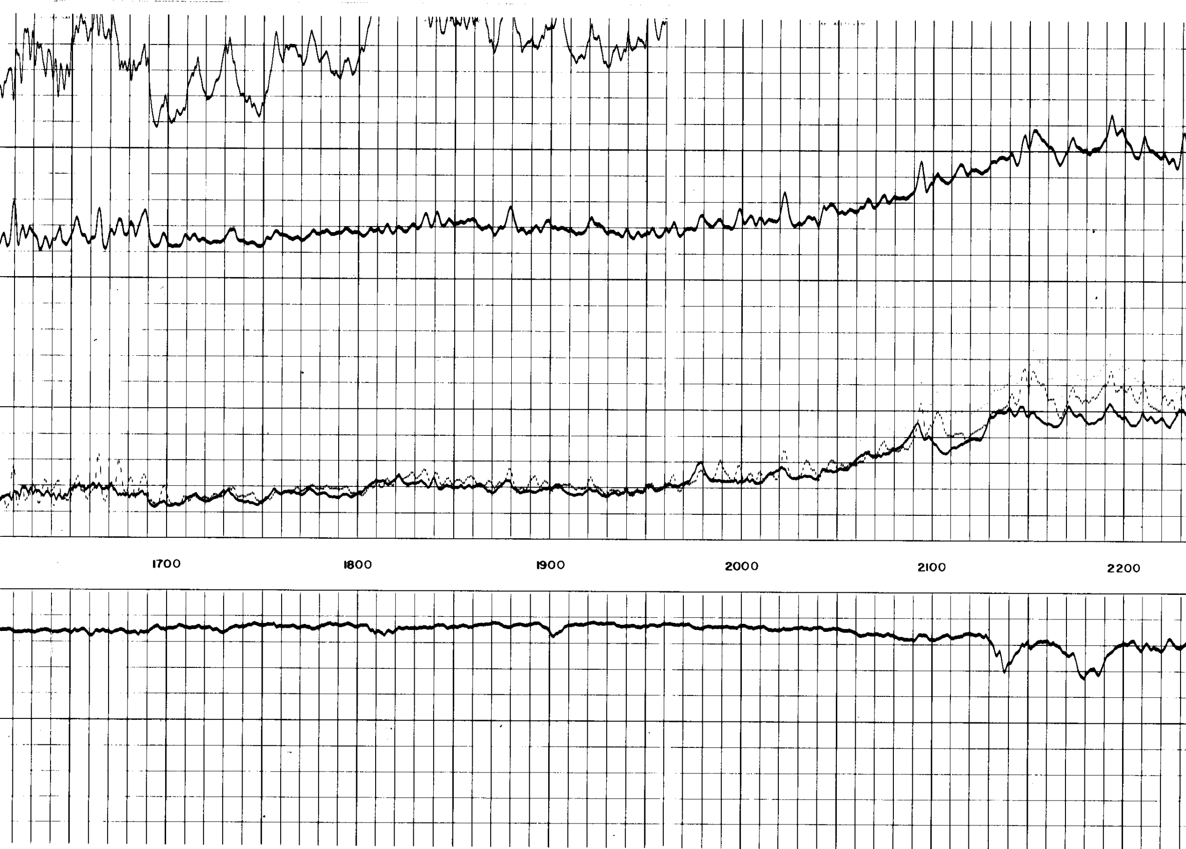
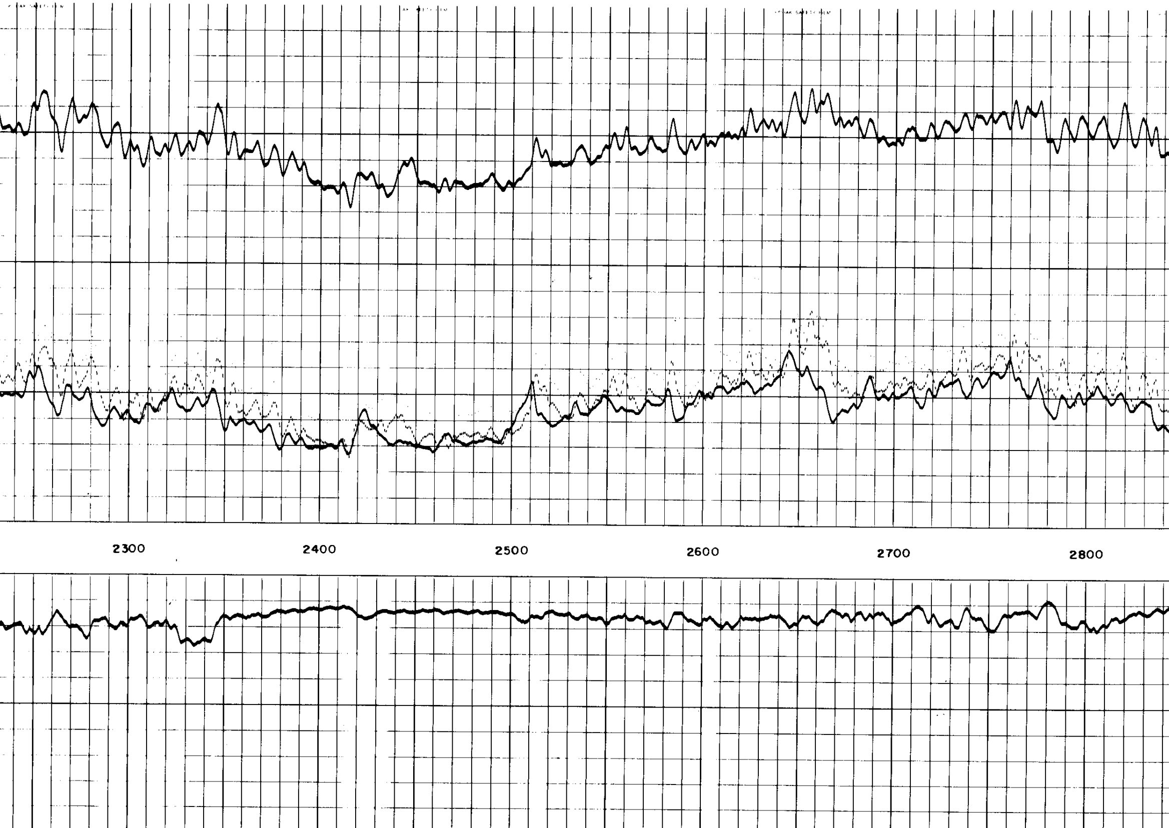
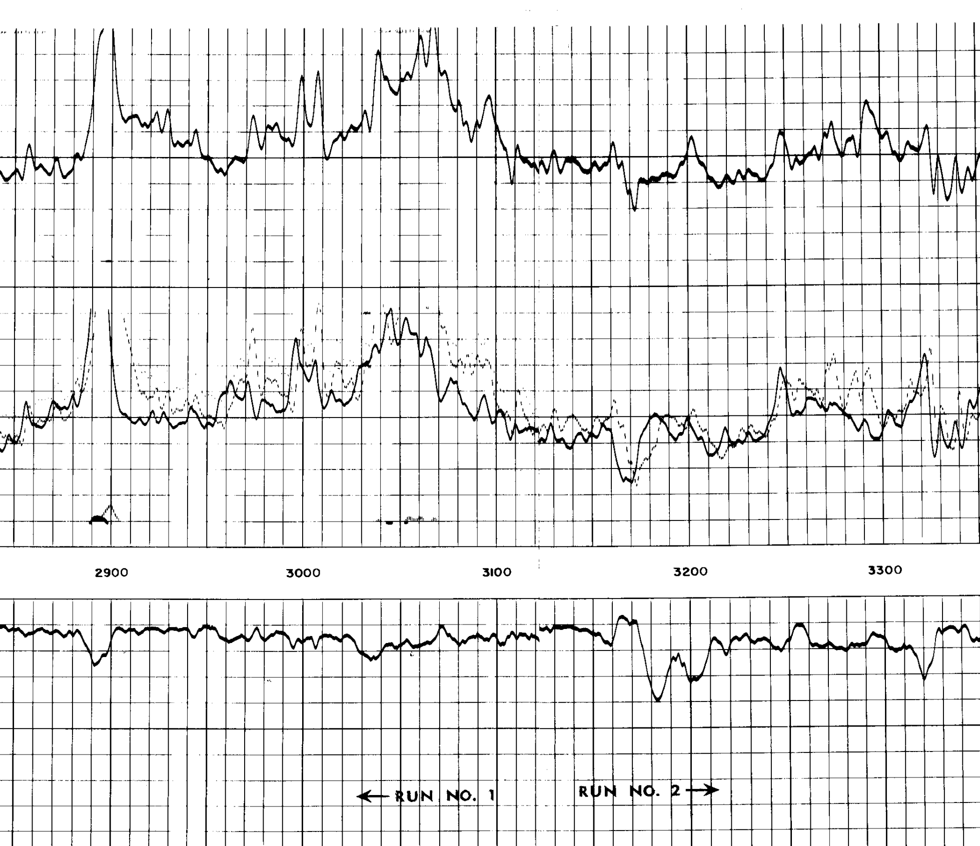
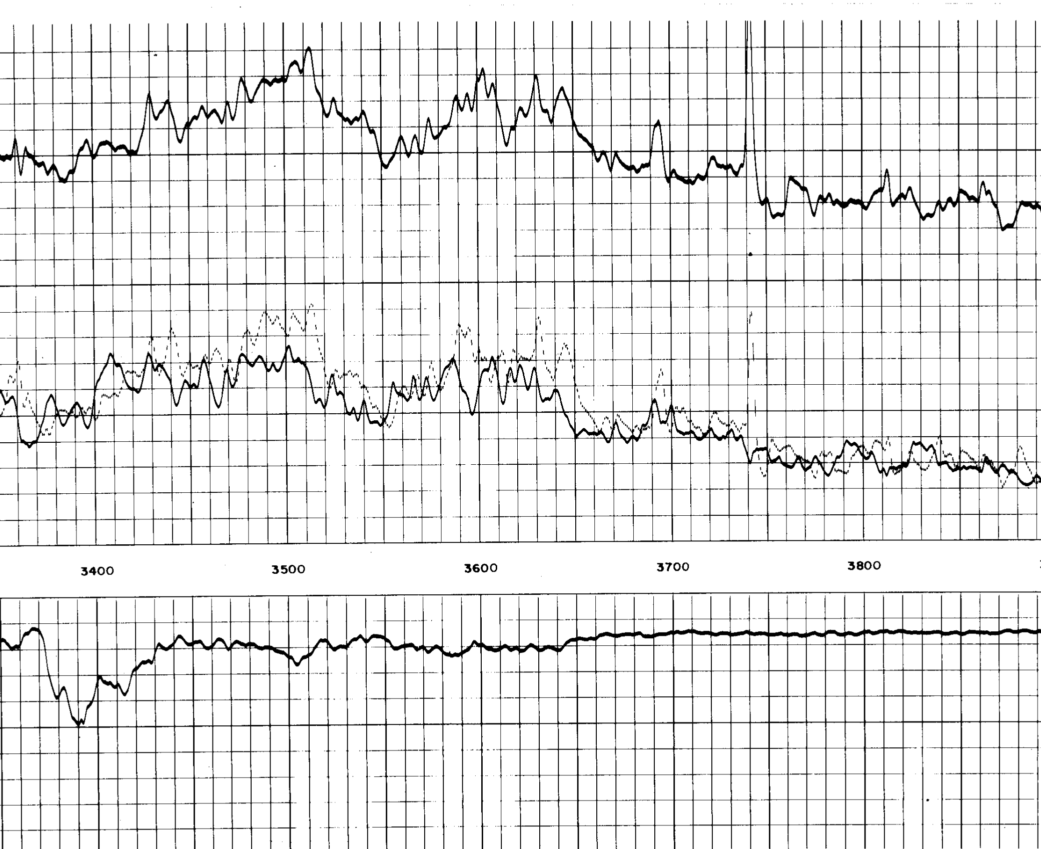
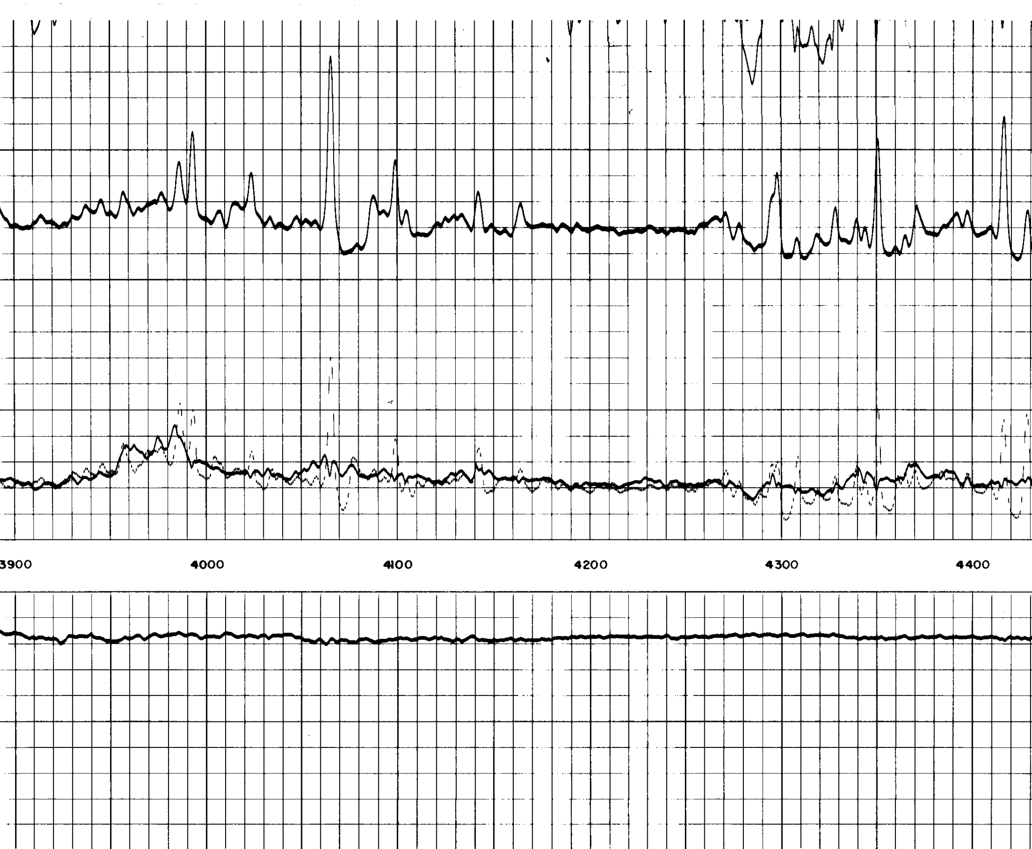
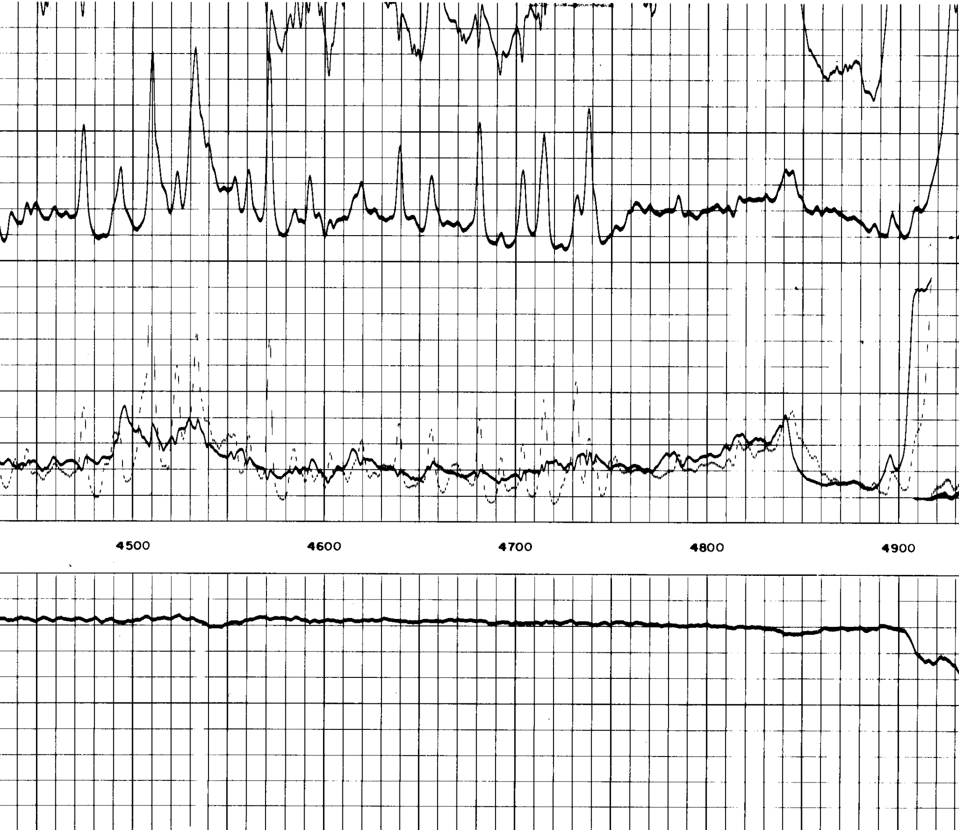
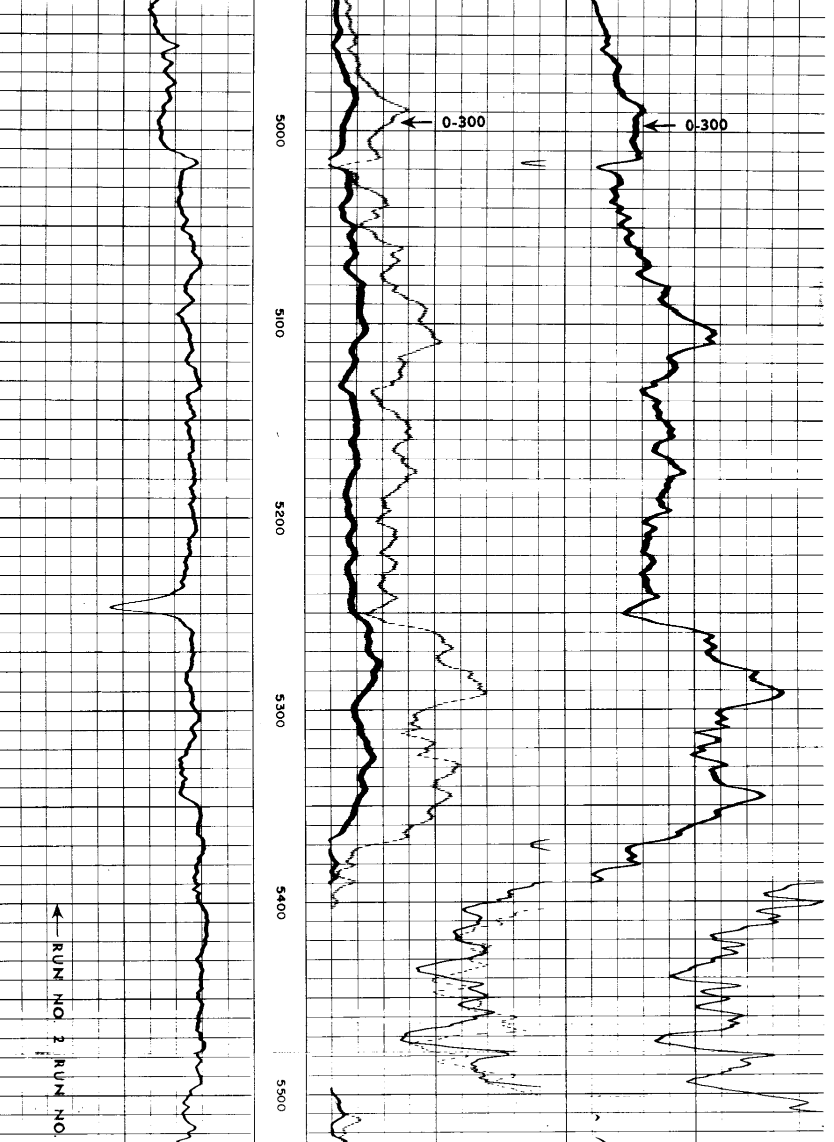
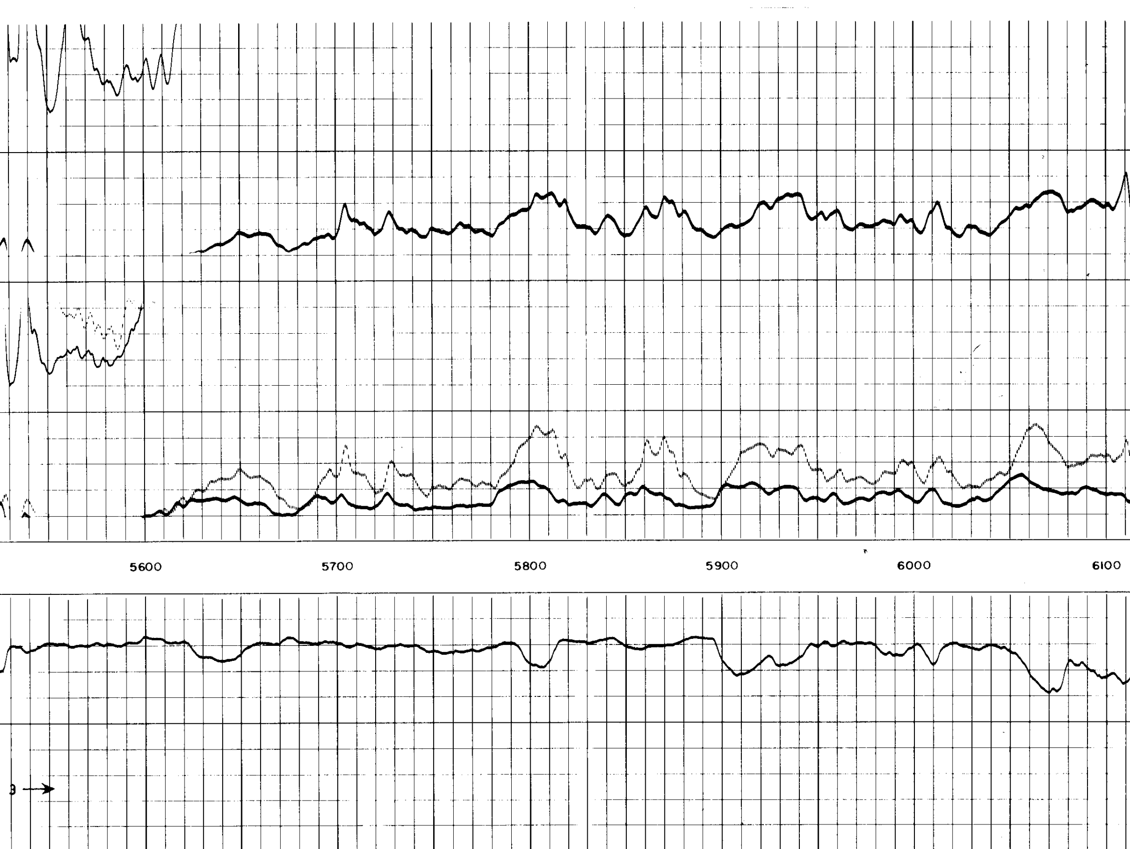
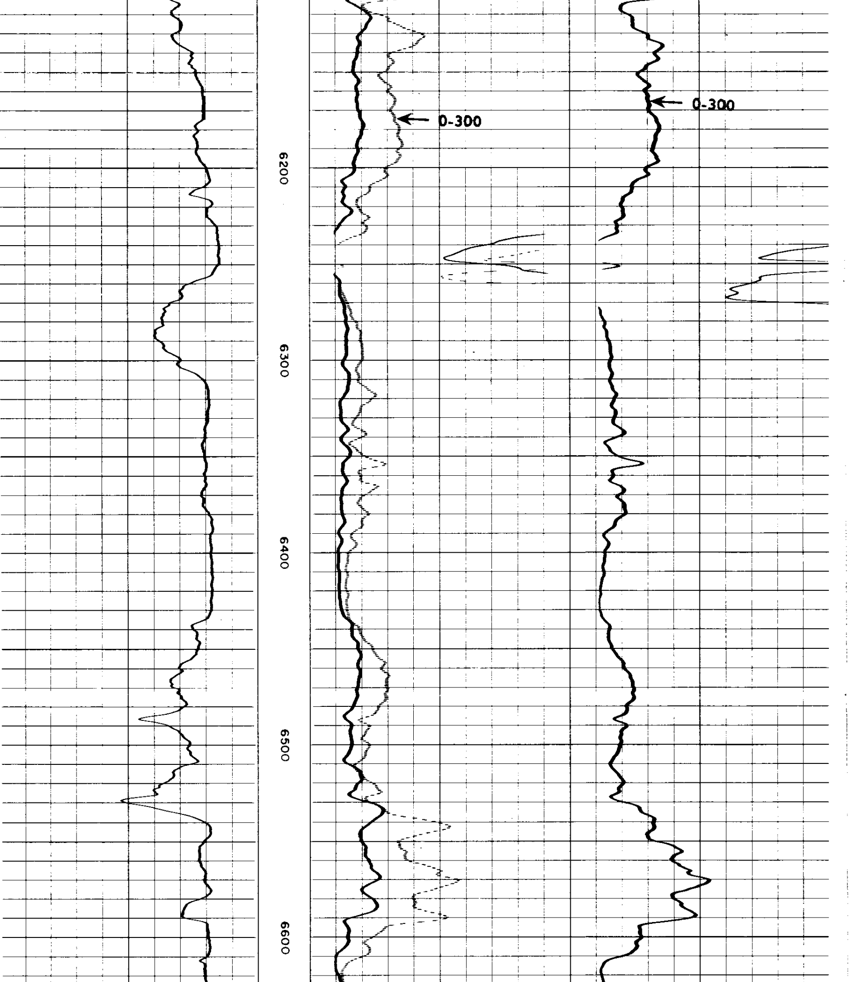
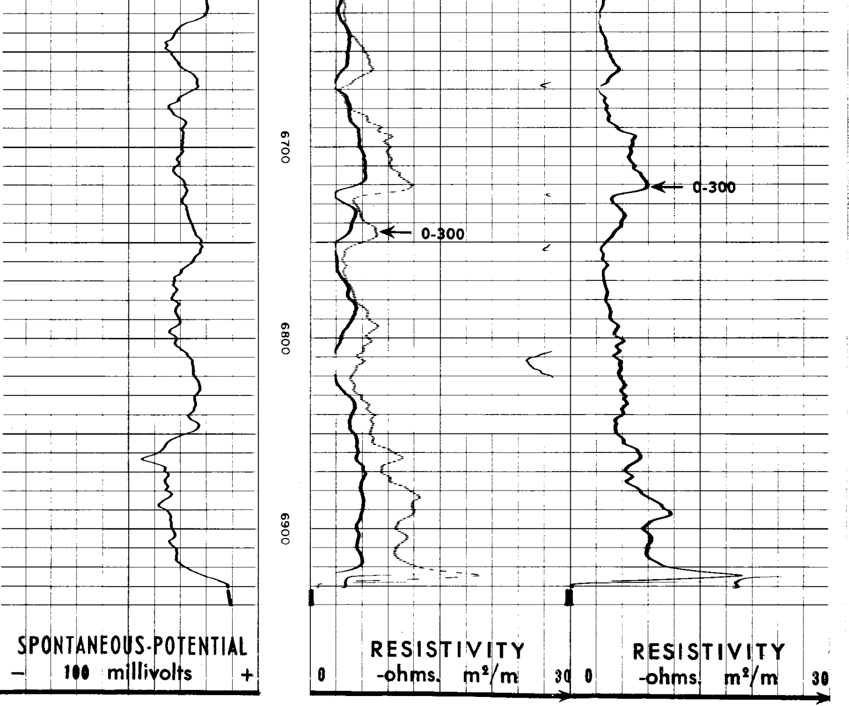
FILING No.

RUN No.	ONE	TWO	THREE		
Date	5-9-55	5-30-55	6-15-55		
First Reading	3140	5532	6929		
Last Reading	618	3140	5532		
Feet Measured	2522	2392	1397		
Csg. Schlum.	618	-	-		
Csg. Driller	618	618	618		
Depth Reached	3142	5534	6931		
Bottom Driller	3143	5538	6929		
Depth Datum	DF	DF	DF		
Mud Nat.	CLAY*	CLAY*	CLAY*		
" Density	81	80	75.5		
" Viscosity	49	50	53		
" Resist.	3.7 @ 70 °F	3.2 @ 62 °F	3.8 @ 78 °F	@ °F	@ °F
" Res. BHT	2.4 @ 112 °F	1.7 @ 122 °F	2.4 @ 123 °F	@ °F	@ °F
" pH	8 @ 70 °F	8 @ 62 °F	7 @ 78 °F	@ °F	@ °F
" Wtr. Loss	7 CC 30 min.	7.6 CC 30 min.	7.4 CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	112°	122°	123°		
Bit Size	10⅝"	REMARKS	REMARKS		
Spcgs.—AM	16"	16"	16"		
AO	10'	10'	10'		
AO	19'	19'	19'		
Opr. Rig Time	1:15	1:45	1:30		
Truck No.	1766 SAC	1766 SAC	1766 SAC		
Recorded By	WESTRUP	WESTRUP	LAGLER		
Witnessed By	WEBB	WEBB	WEBB		

FOLD HERE

REMARKS
*MUD SAMPLE TAKEN FROM FLOW LINE

BIT SIZE: RUN 1-10⅝"-TD
RUN 2-10⅝"-3260-9⅞"-5460-8½"-5538
RUN 3-10⅝"-3260-9⅞"-TD

SPONTANEOUS-POTENTIAL 100 millivolts	DEPTHS	RESISTIVITY -ohms. m²/m	RESISTIVITY -ohms. m²/m
10 ↔		0 AM 16" 30	0 AO 19' 30
		0 300	0 300
		0 AO 10' 30	0 AM 16" 6
		0 300	AMPLIFIED NORMAL