SCHLUMBERGER

SONIC LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY LINN 7-12S-1W
FIELD or LOCATION LEBANON
WELL ESMOND NO. 1

COMPANY RESERVE OIL AND GAS COMPANY

COMPANY RESERVE OIL AND GAS COMPANY
WELL ESMOND NO. 1
FIELD LEBANON
LOCATION 7 - 12S - 1W
W. B. & M.
COUNTY LINN
STATE OREGON

Other Surveys SL(I-ES,ML,CDMP)
5 INCH SCALE

Location of Well 1194 FT. NORTH AND 575 FT. WEST OF SOUTH 1/4 CORNER

Elevation: K.B.: 487
D.F.:
or G.L.: 475

Log Depths Measured From K.B. 12 **Ft. above** G.L.

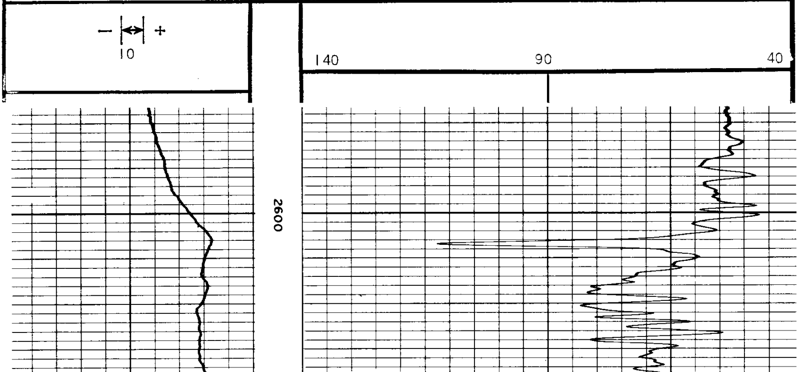
RUN No.	ONE	TWO	
Date	8-7-62	9-6-62	
First Reading	7105	8600	
Last Reading	2550	7105	
Feet Measured	REMARKS	495	
Csg. Schlum.	-	-	
Csg. Driller	891	891	
Depth Reached	7109	8604	
Bottom Driller	7106	8601	
Mud Nat.	CLAY	CLAY	
Dens. | Visc.	112 | 60	115 | 50	|
Mud Resist.	0.59 @ 77 °F	.8 @ 85 °F	@ °F
" Res. BHT	0.33 @ 141 °F	.42 @ 158 °F	@ °F
" pH	9 @ 77 °F	9 @ 85 °F	@ °F
" Wtr. Loss	10 CC 30 min	4.5 CC 30 min	CC 30 min
" Rmf (C)	0.2 @ 141 °F	.26 @ 158 °F	@ °F
Bit Size	9 7/8"	9 7/8"	
Spacing:	INTERVALS		
T3'R1 1'R2	7105 To 2550	8600 To 7105	To
T R1 R2	To	To	To
Opr. Rig Time	2 HOURS	2 HOURS	
Truck No.	1510 SAC	1510 SAC	
Recorded By	PARKS	ANDERSEN	
Witness	D'OLIER	D'OLIER	

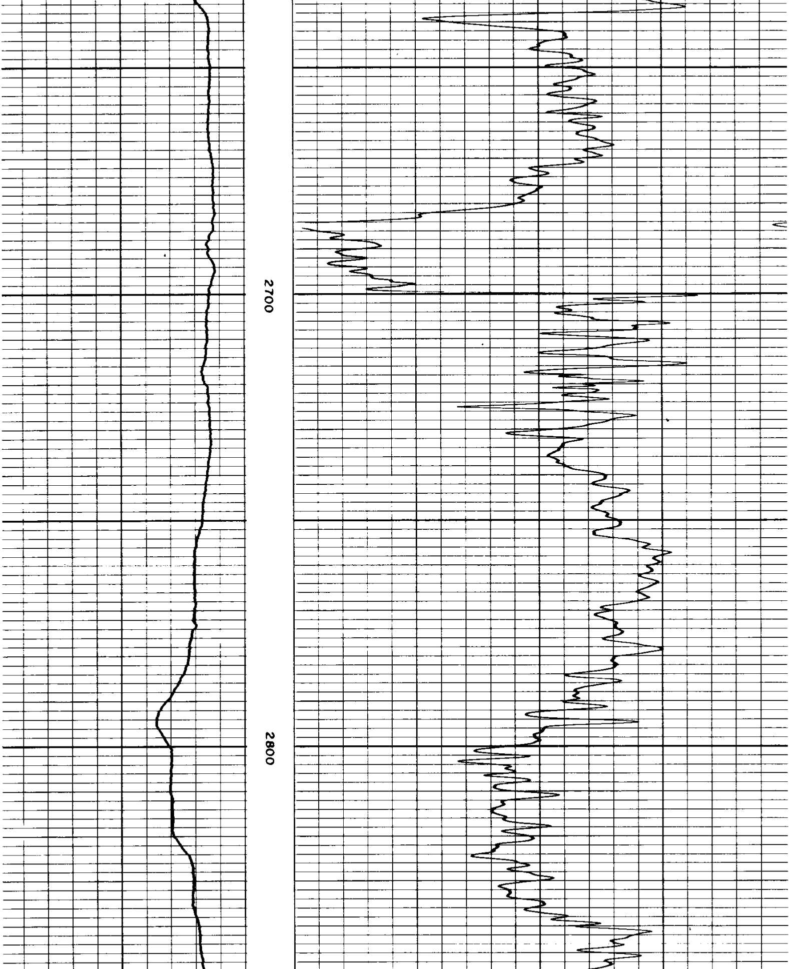
FOLD HERE

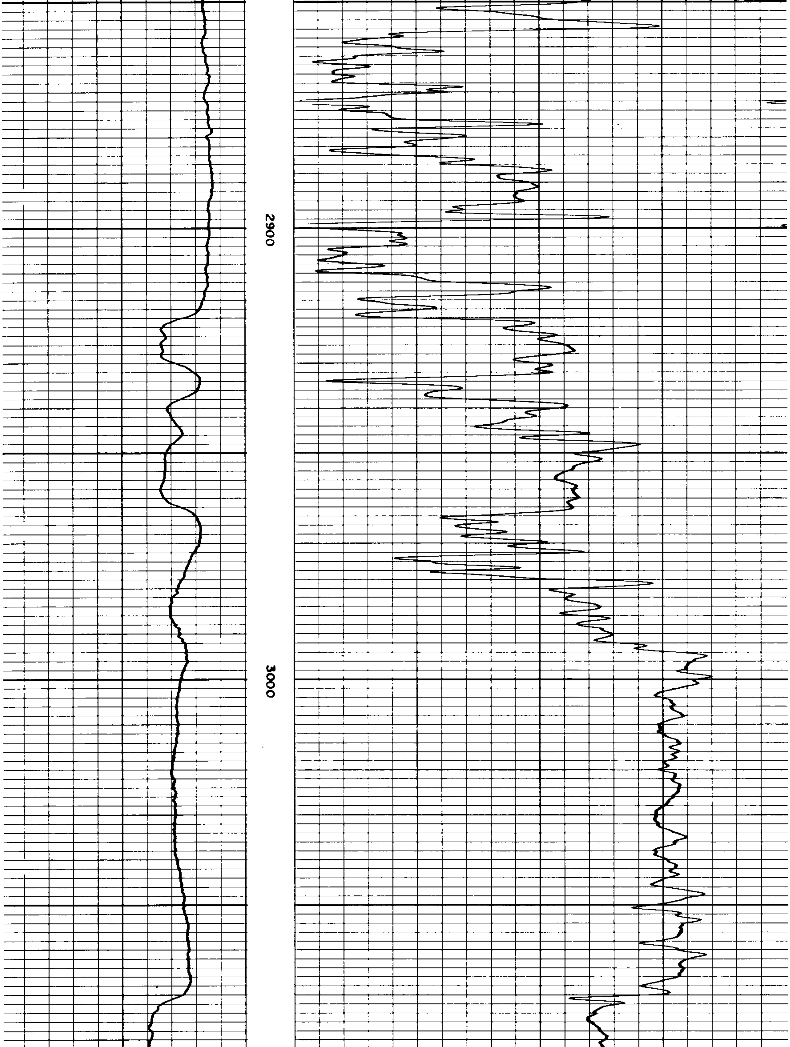
REMARKS VLC No.:	G 272	G 272	RUN 1 - INTERVALS LOGGED
VLS No.:	B 33	B 33	7105 - 6300 = 805 FT.
VLP No.:	B 195	B 78	4950 - 4750 = 200 FT.
RUN	ONE	TWO	4050 - 2550 = 1500 FT.
STANDARD CENTRALIZERS USED			TOTAL = 2505 FT.

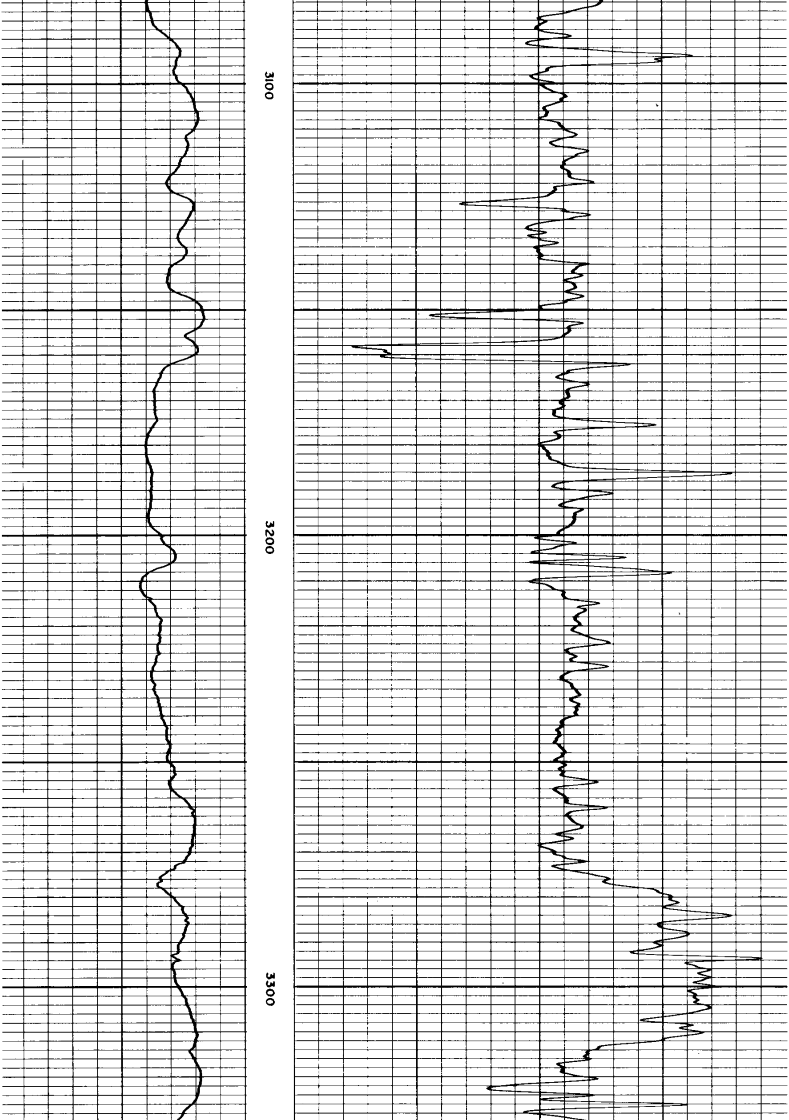
$$\text{Velocity (feet per second)} = \frac{1{,}000{,}000}{\text{Interval Transit Time (microseconds per foot)}}$$

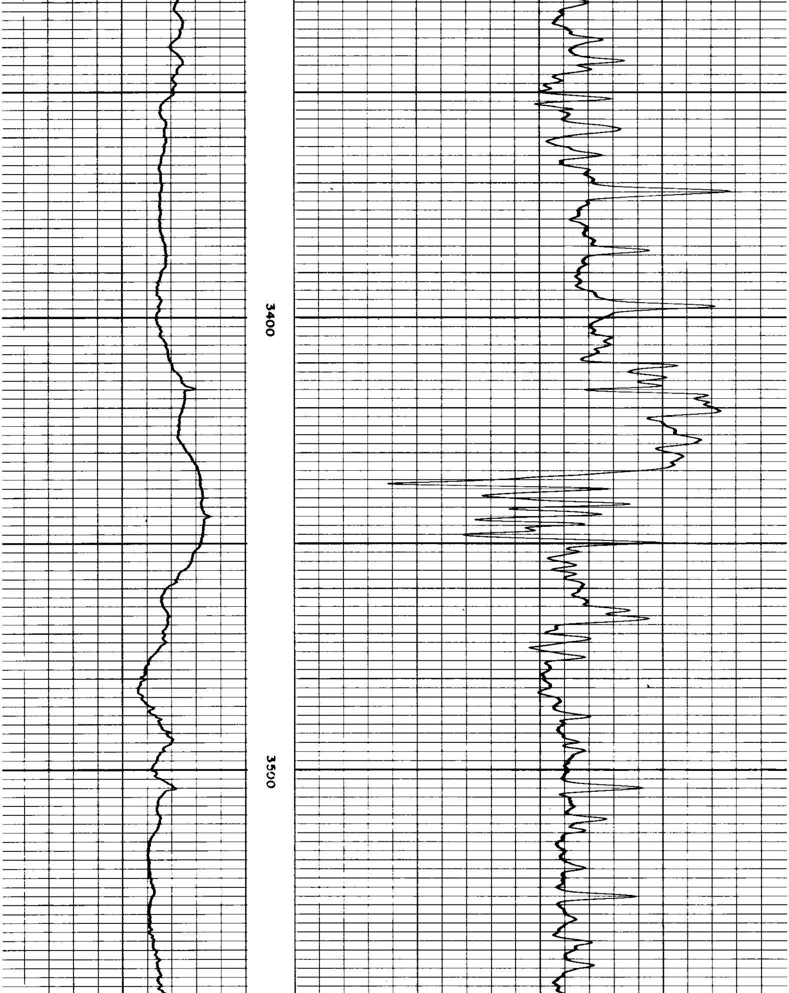
SPONTANEOUS-POTENTIAL millivolts	DEPTHS	INTERVAL TRANSIT TIME microseconds per foot ← Increases T 3'R1 1'R2

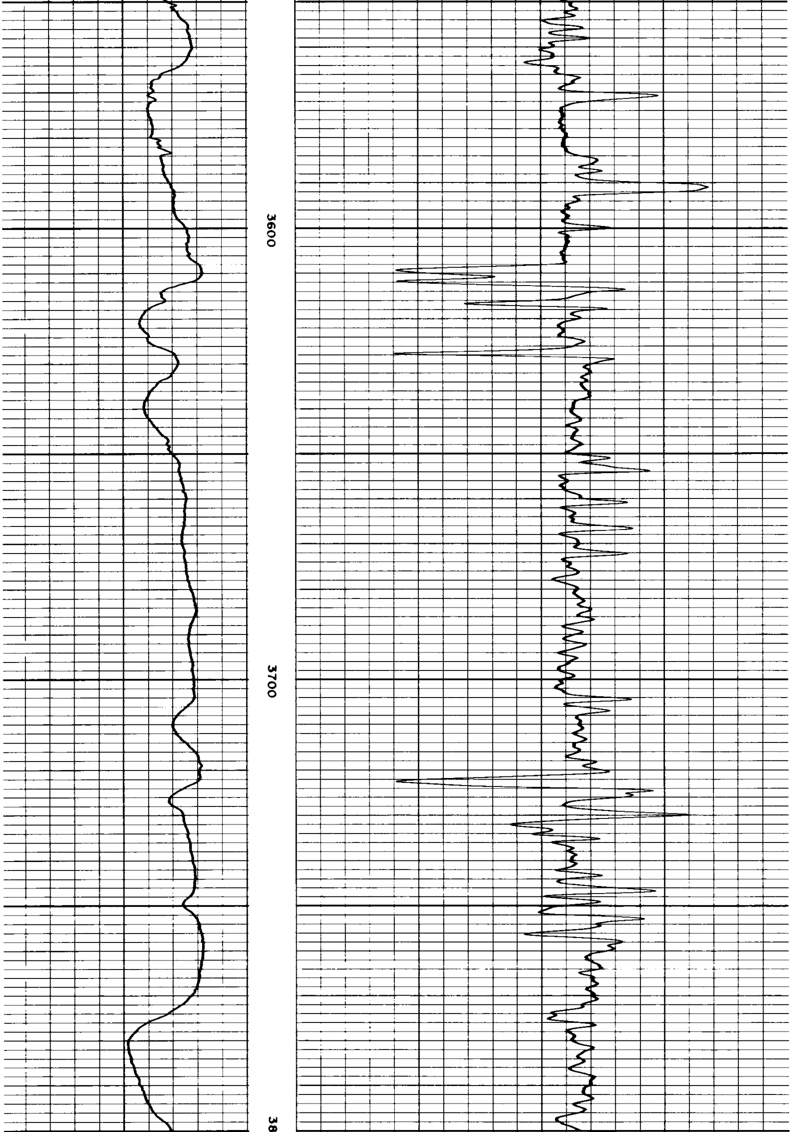


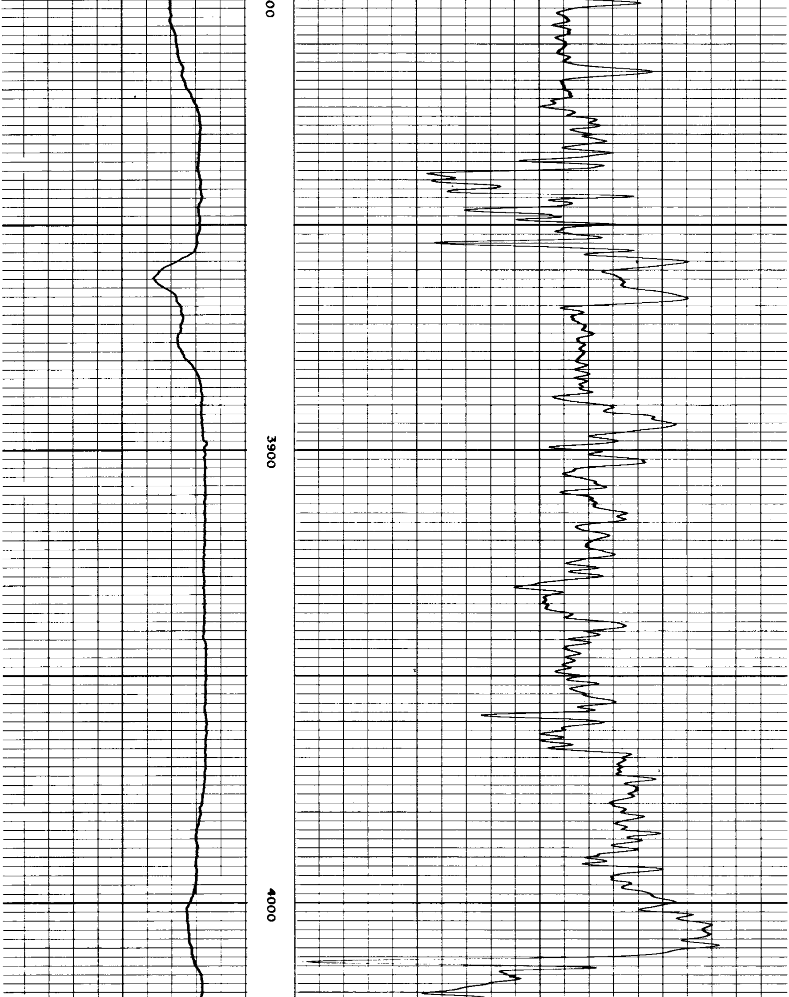


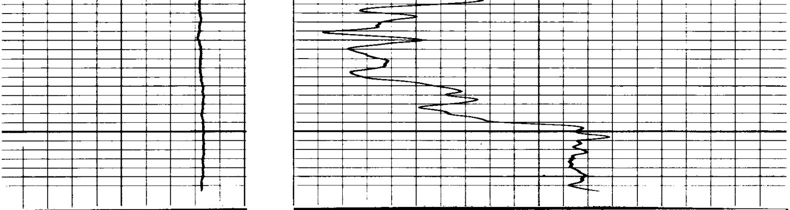












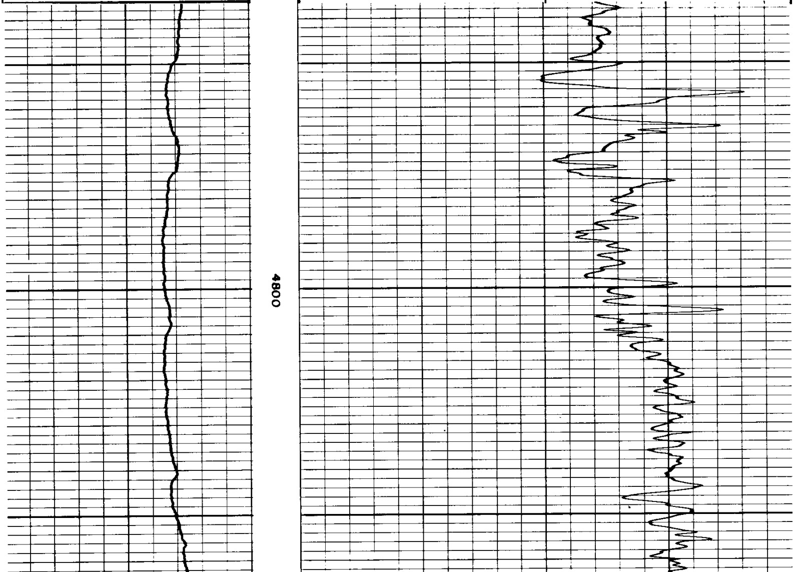
RUN NO. 1

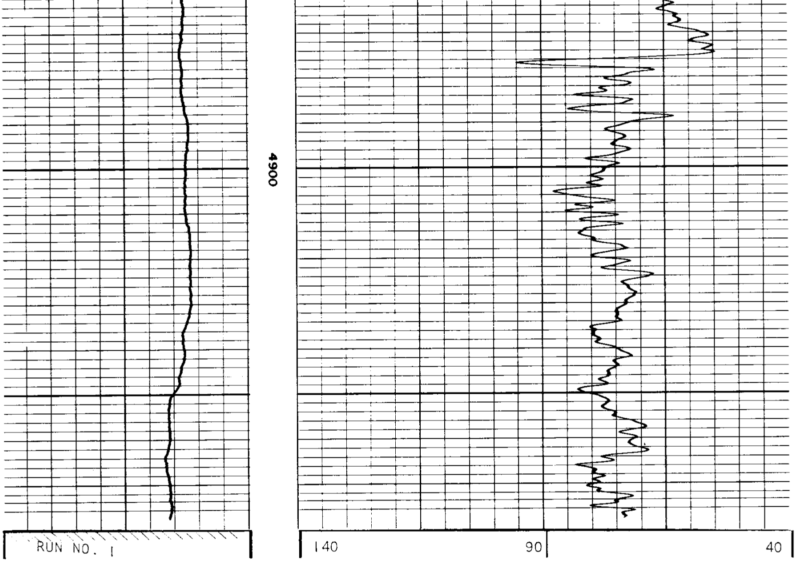
140 90 40

DETAIL LOG

5"=100'

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	INTERVAL TRANSIT TIME microseconds per foot ← Increases T 3' R_1 1' R_2
− 10 +		RUN NO. 1 140 90 40





DETAIL LOG

5″=100′

SPONTANEOUS-POTENTIAL
millivolts

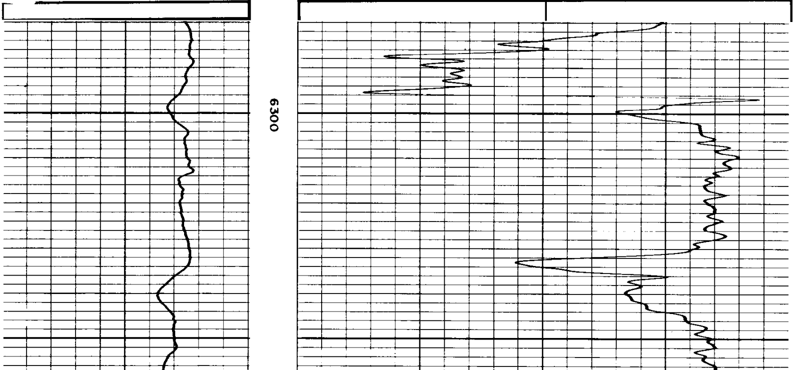
— |←→| +
10

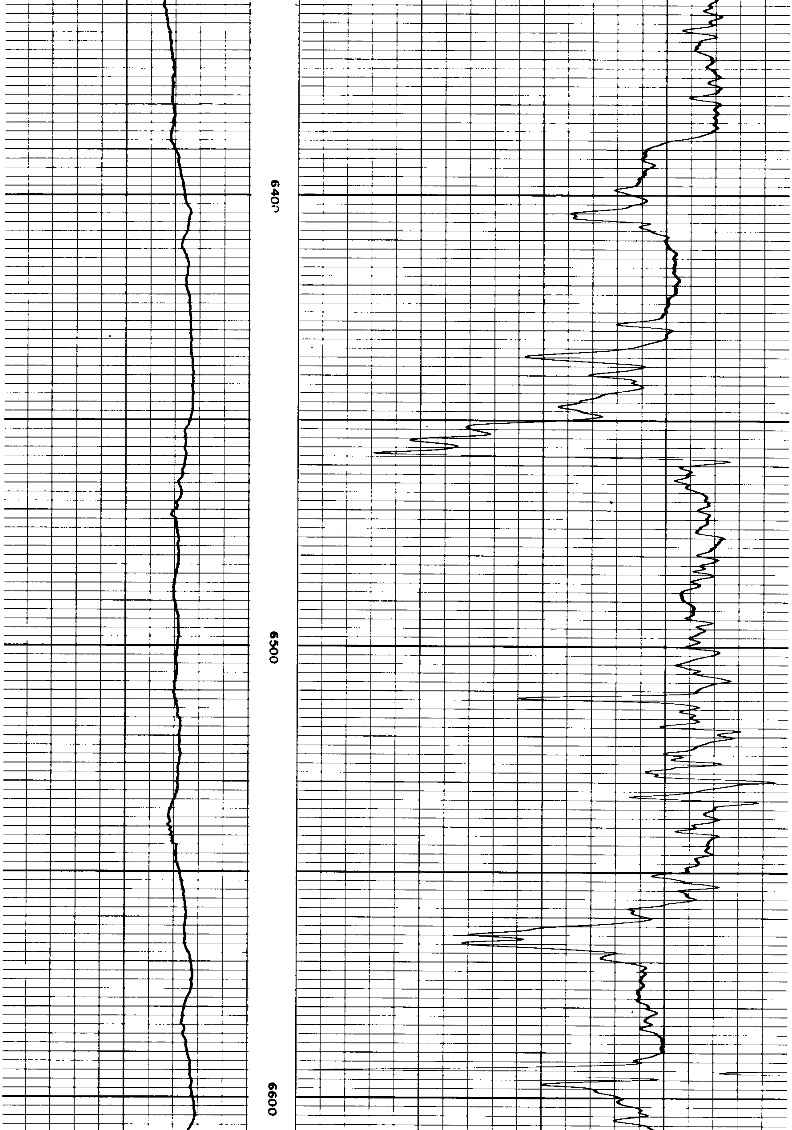
DEPTHS

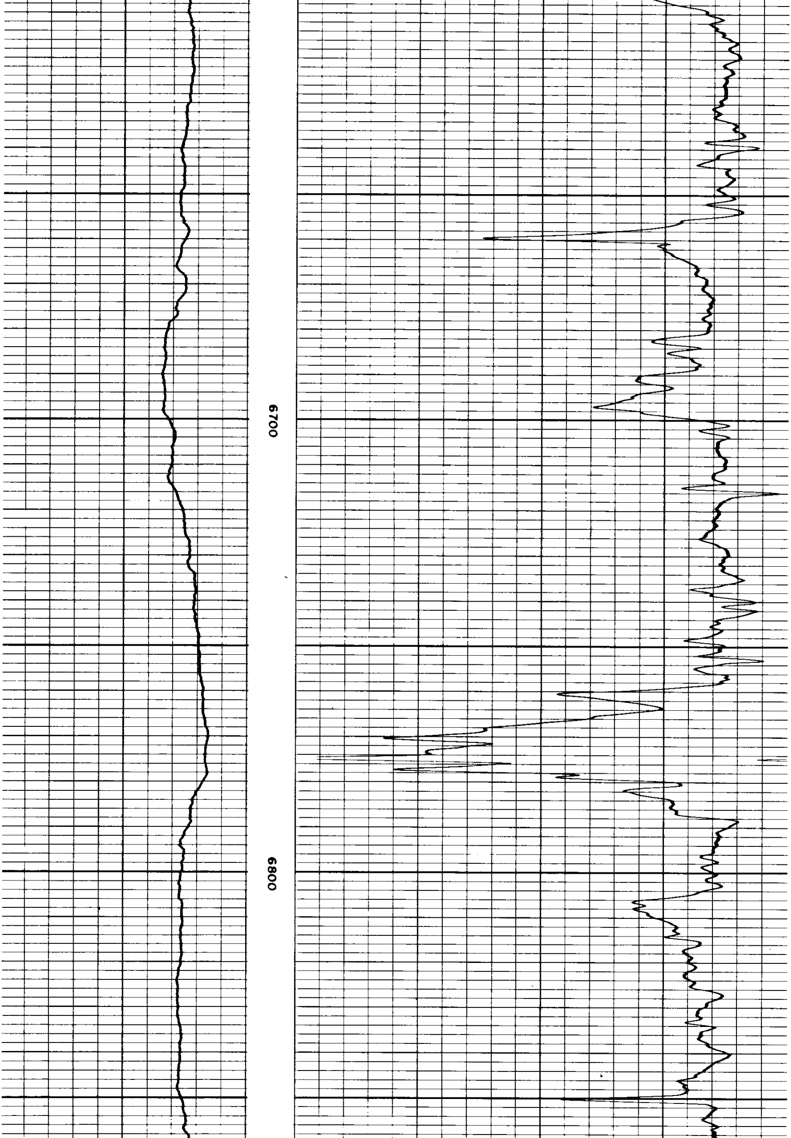
INTERVAL TRANSIT TIME
microseconds per foot
← Increases
T 3' R$_1$ 1' R$_2$

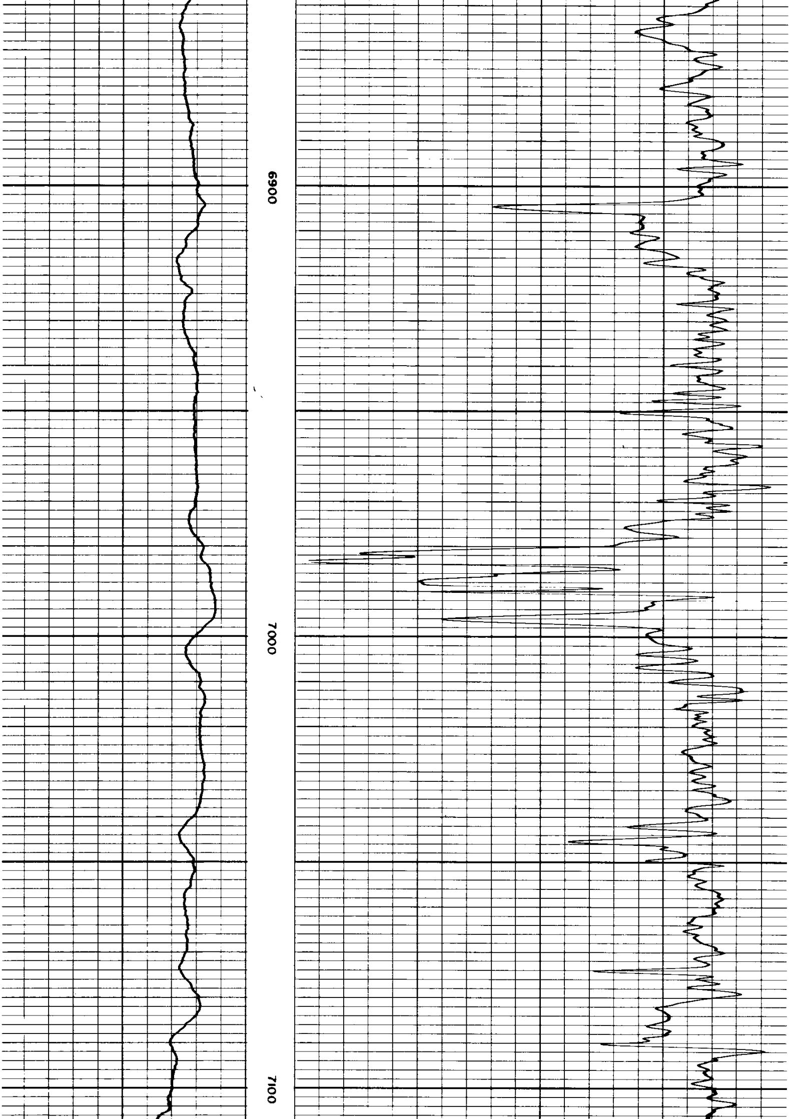
RUN NO. 1

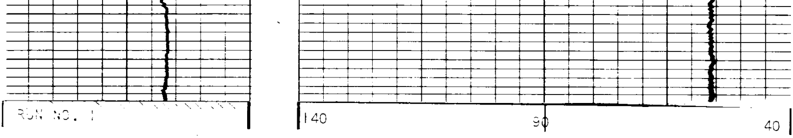
140 90 40











DETAIL LOG

5″=100′

SPONTANEOUS-POTENTIAL
millivolts

10
— ↔ +

CALIPER RECORDED 5.5 FEET SHALLOW

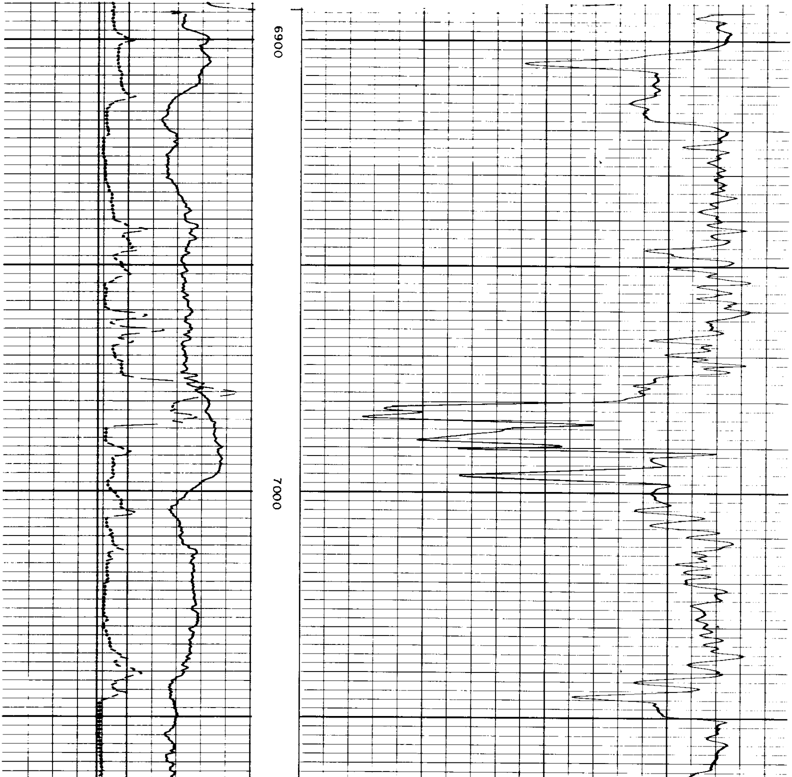
6 **CALIPER** 16

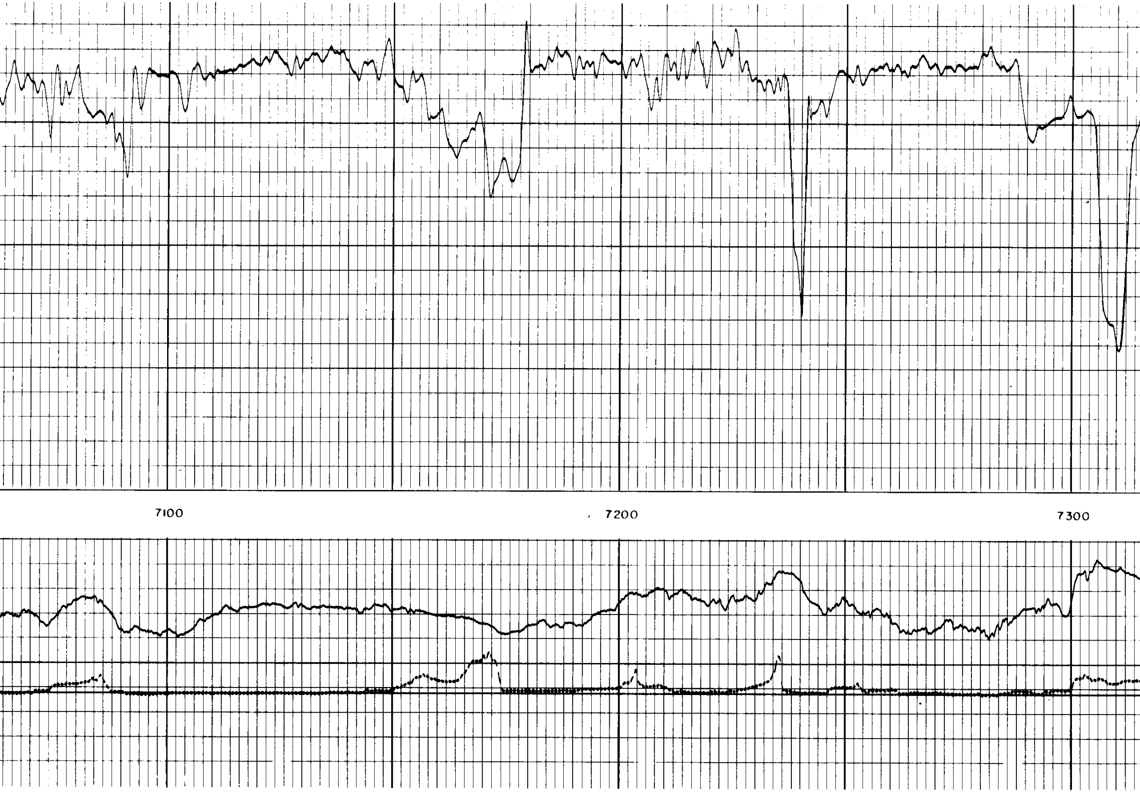
DEPTHS

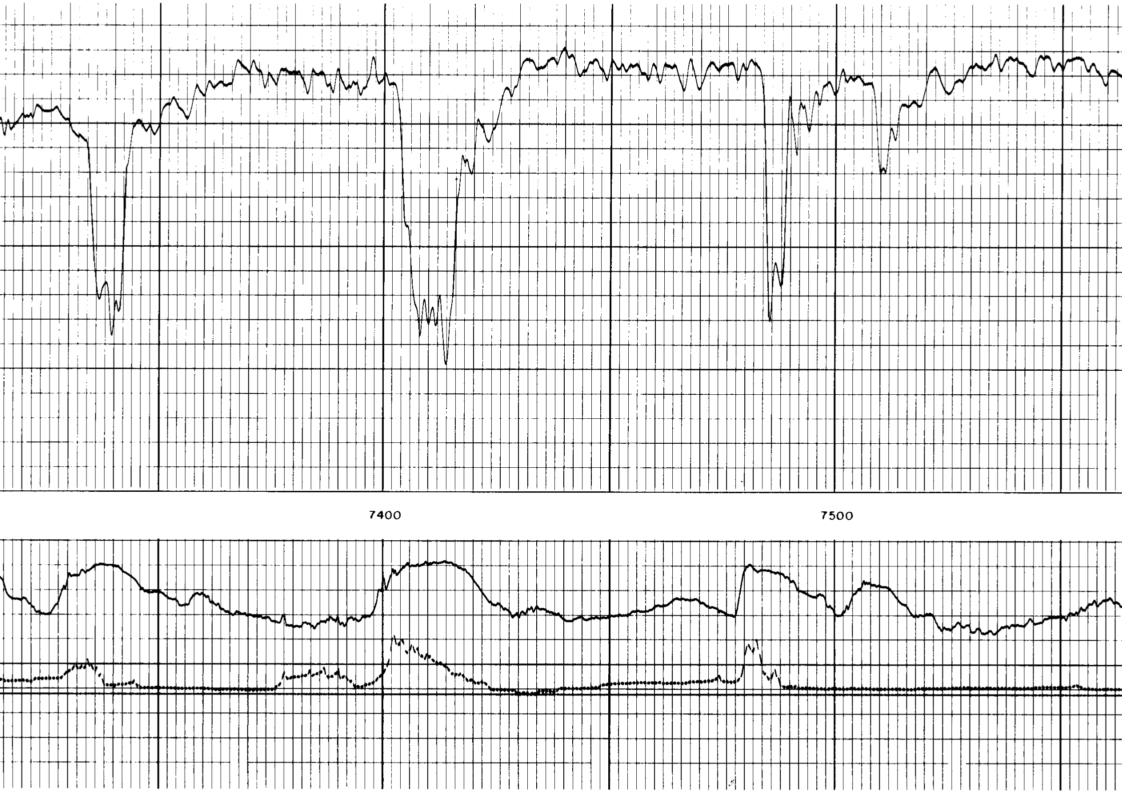
INTERVAL TRANSIT TIME
microseconds per foot
← Increases
T 3 R_1 1 R_2

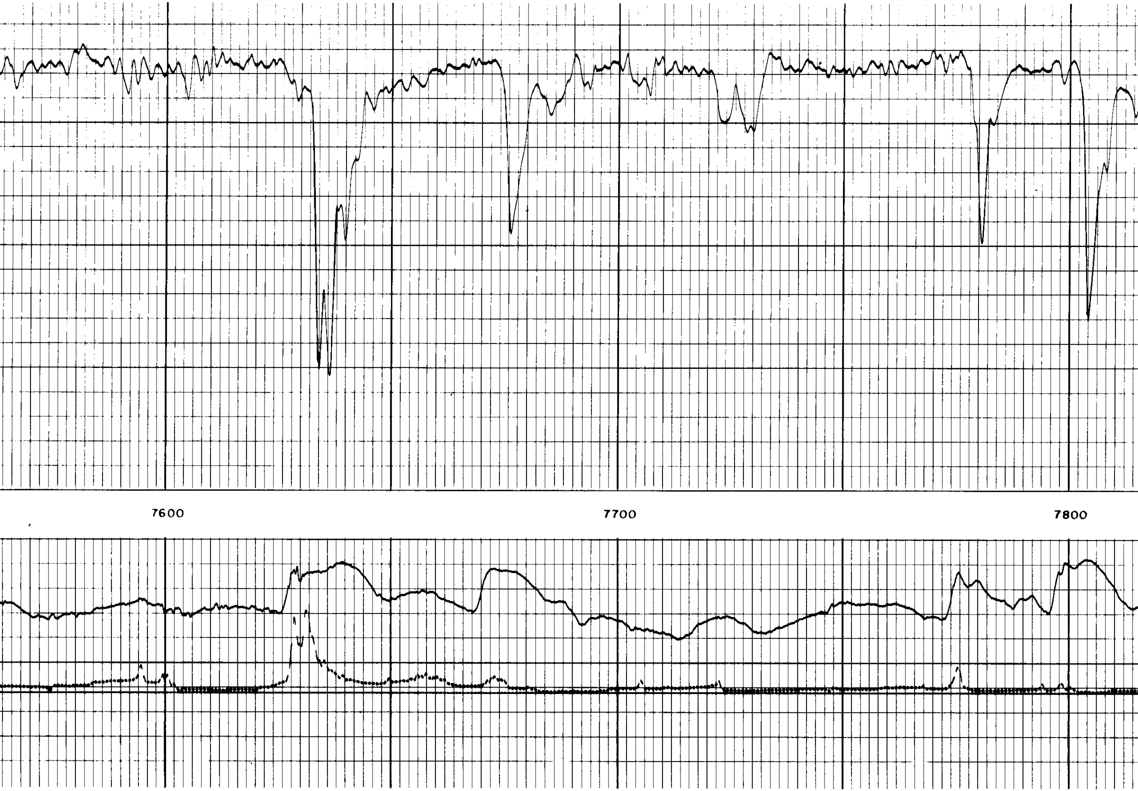
RUN NO. 2

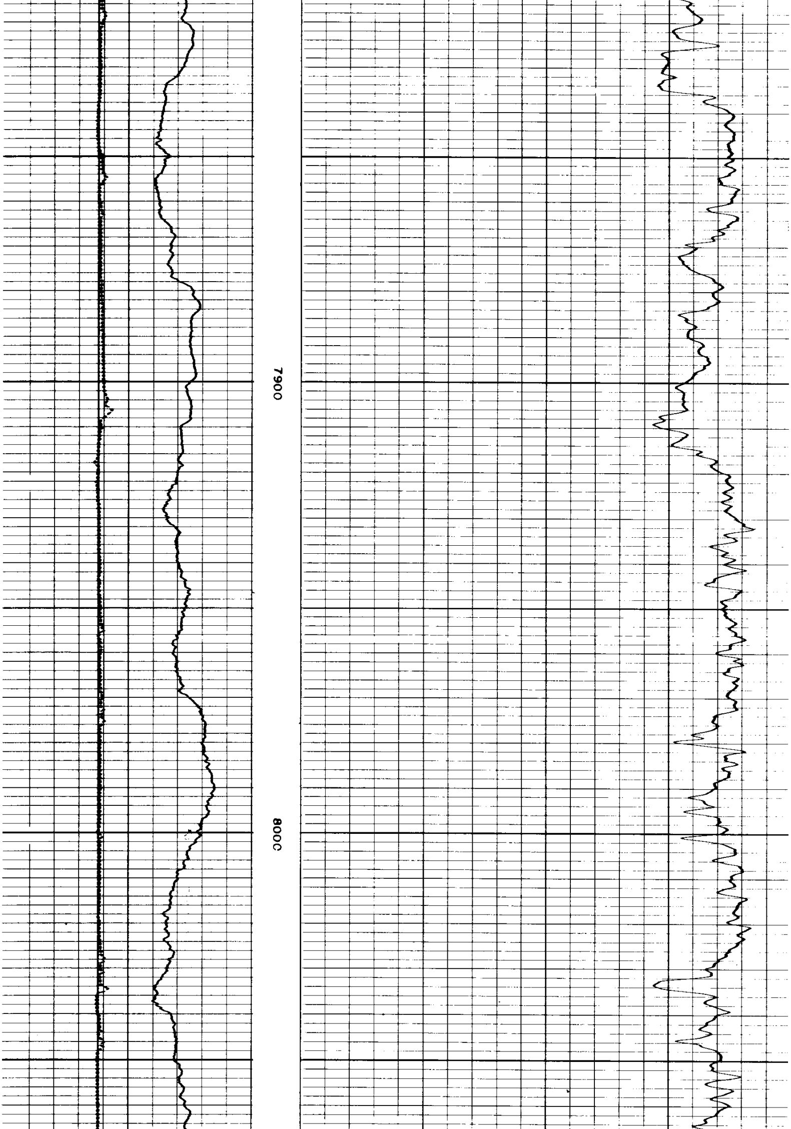
140 90 40

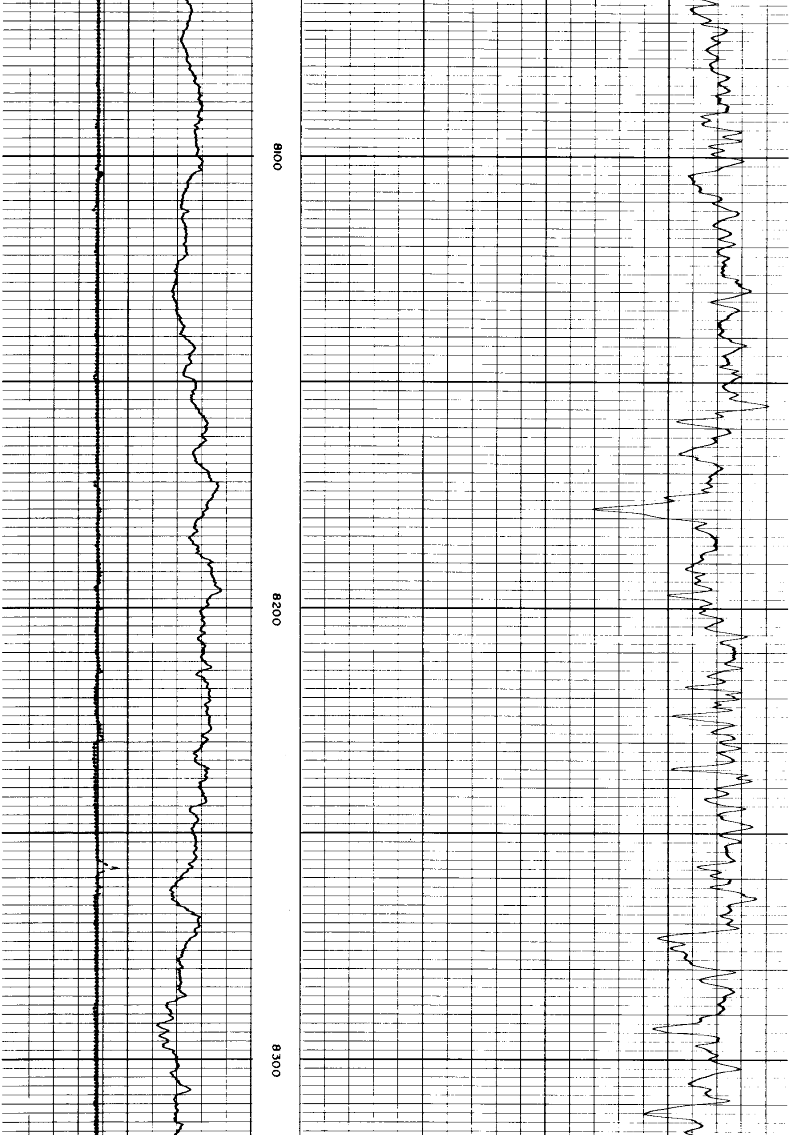


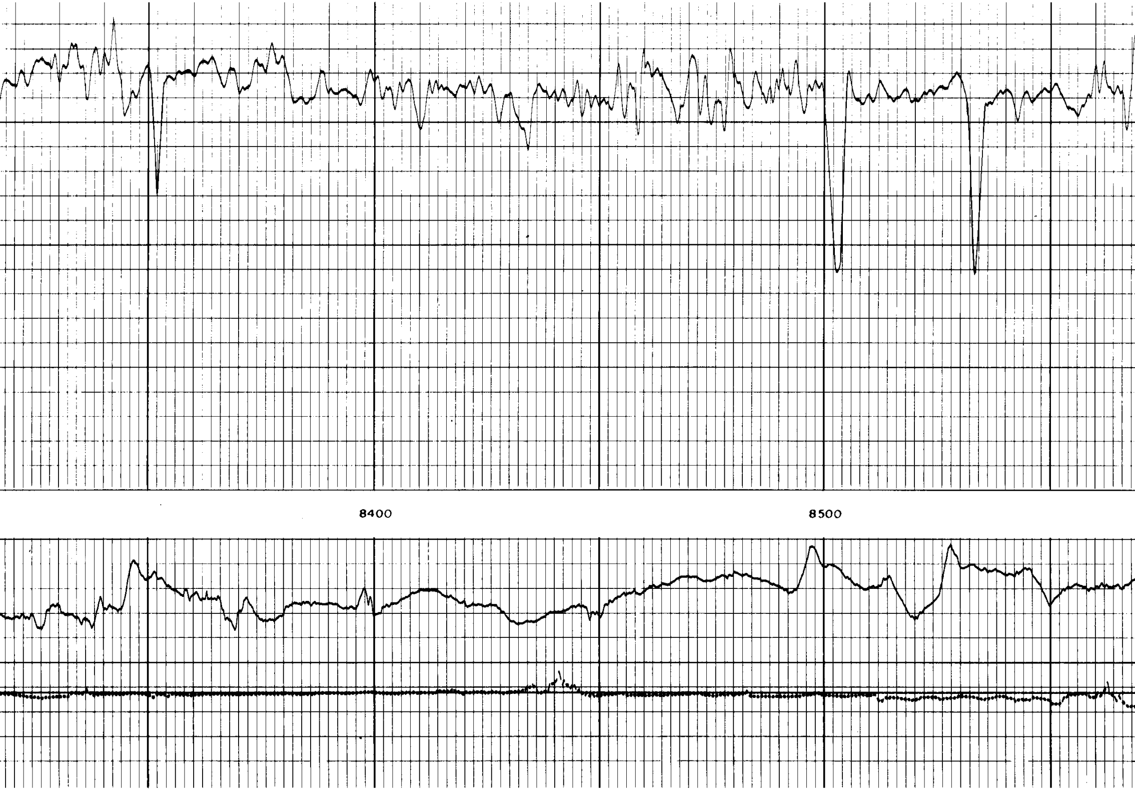


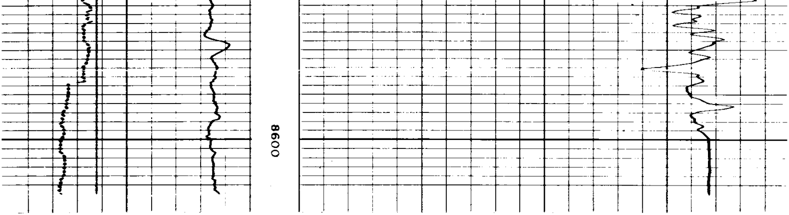












CALIPER

6 16

CALIPER RECORDED 5.5 FEET

− |↔| + SHALLOW

10

SPONTANEOUS-POTENTIAL

millivolts

140 90 40

INTERVAL TRANSIT TIME

microseconds per foot

← Increases

T 3' R_1 1' R_2

DEPTHS

COMPANY	RESERVE OIL AND GAS COMPANY	Rm .8 @ 85 °F	SWSC FR 8600
		Rmf .26 @ 158 °F	SWSC TD 8604
WELL	ESMOND NO. 1		DRLR TD 8601
		BHT 158 °F	Elev:
FIELD	LEBANON LOCATION 7 - 12S - 1W		KB 487
			DF
COUNTY	LINN STATE OREGON		GL 475