Scanned

COUNTY LINN 7-12S-1W
FIELD or LOCATION LEBANON
WELL ESMOND NO. 1
COMPANY RESERVE OIL AND GAS COMPANY

SCHLUMBERGER

MICROLOG
(WITH CALIPER)

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

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
ML(1-ES,SL,CDM)
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	6-22-62	8-7-62	
First Reading	2946	7107	
Last Reading	2500	2946	
Feet Measured	446	REMARKS	
Depth Reached	2946	7108	
Bottom Driller	2941	7106	
Mud Nat.	CLAY	CLAY	
Dens. | Visc.	81 | 55	112 | 60	|
Mud Resist.	2.2 @ 88 °F	0.59 @ 77 °F	@ °F
" Res. BHT	1.8 @ 108 °F	0.33 @ 141 °F	@ °F
" pH	7.8 @ 88 °F	9 @ 77 °F	@ °F
" Wtr. Loss	6.3 CC 30 min	10 CC 30 min	CC 30 min
" Rmf (C)	1.5 @ 108 °F	0.2 @ 141 °F	@ °F
" Rmc (C)	1.7 @ 108 °F	0.85 @ 141 °F	@ °F
Mud Log: Rm	2.0	0.3	
Depth	2500	6800	
Bit Size	9 7/8"	9 7/8"	
Sonde Type	PMSD	PMSD	
Pad Type	1	1	
Opr. Rig Time	1 HOUR	2 1/2 HOURS	
Truck No.	1510 SAC	1510 SAC	
Recorded By	WIESE	PARKS	
Witness	LEROY	D'OLIER	

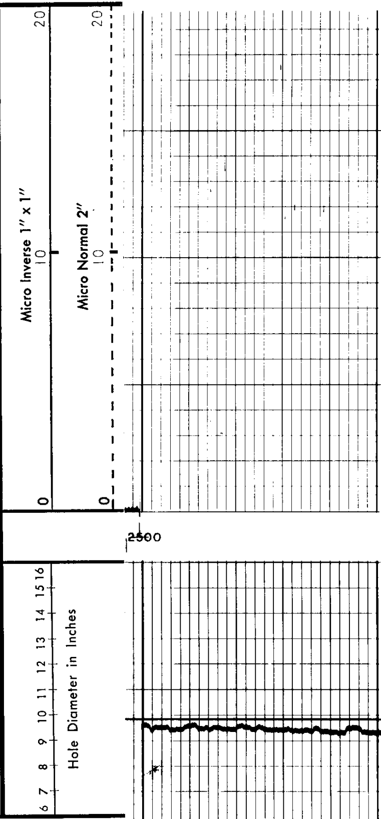
FOLD HERE

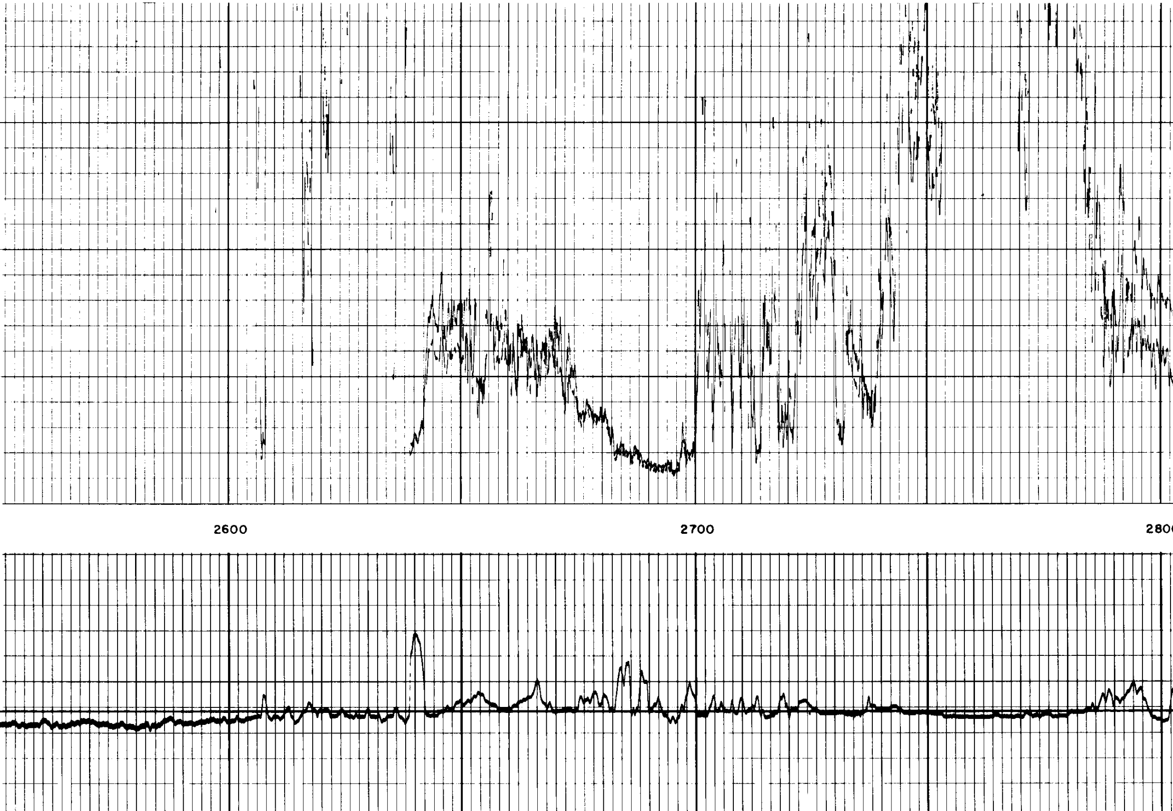
REMARKS RUN NO. 2 - INTERVALS LOGGED: 7107 - 6300 = 807 FT.
4960 - 4740 = 220 FT.
4055 - 2946 = 1109 FT.
TOTAL = 2136 FT.

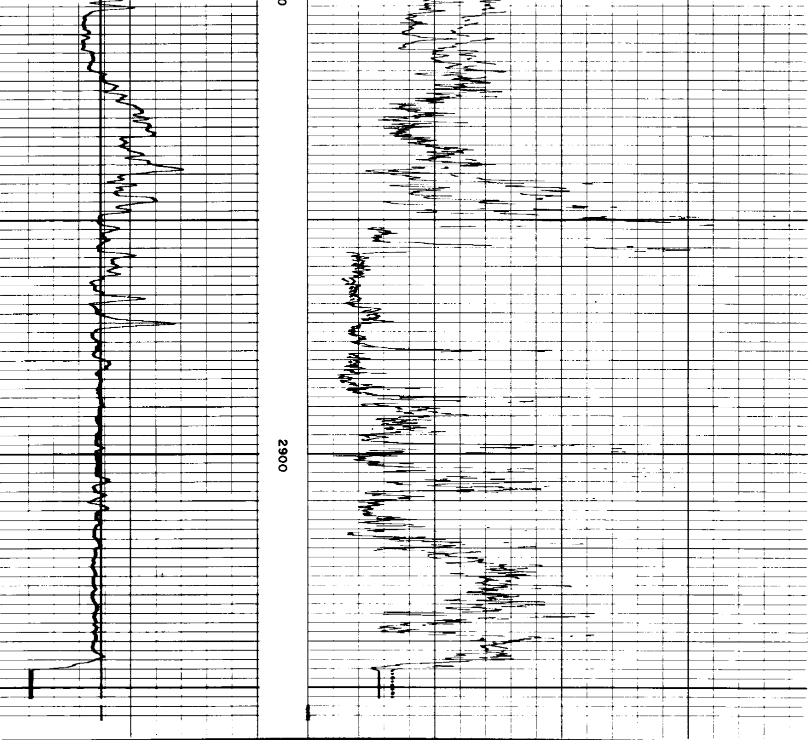
MICROCALIPER

DEPTHS

RESISTIVITY
ohms. m²/m







6 7 8 9 10 11 12 13 14 15 16

Hole Diameter in Inches

RUN NO. 1

Micro Inverse 1″ x 1″

0 10 20

Micro Normal 2″

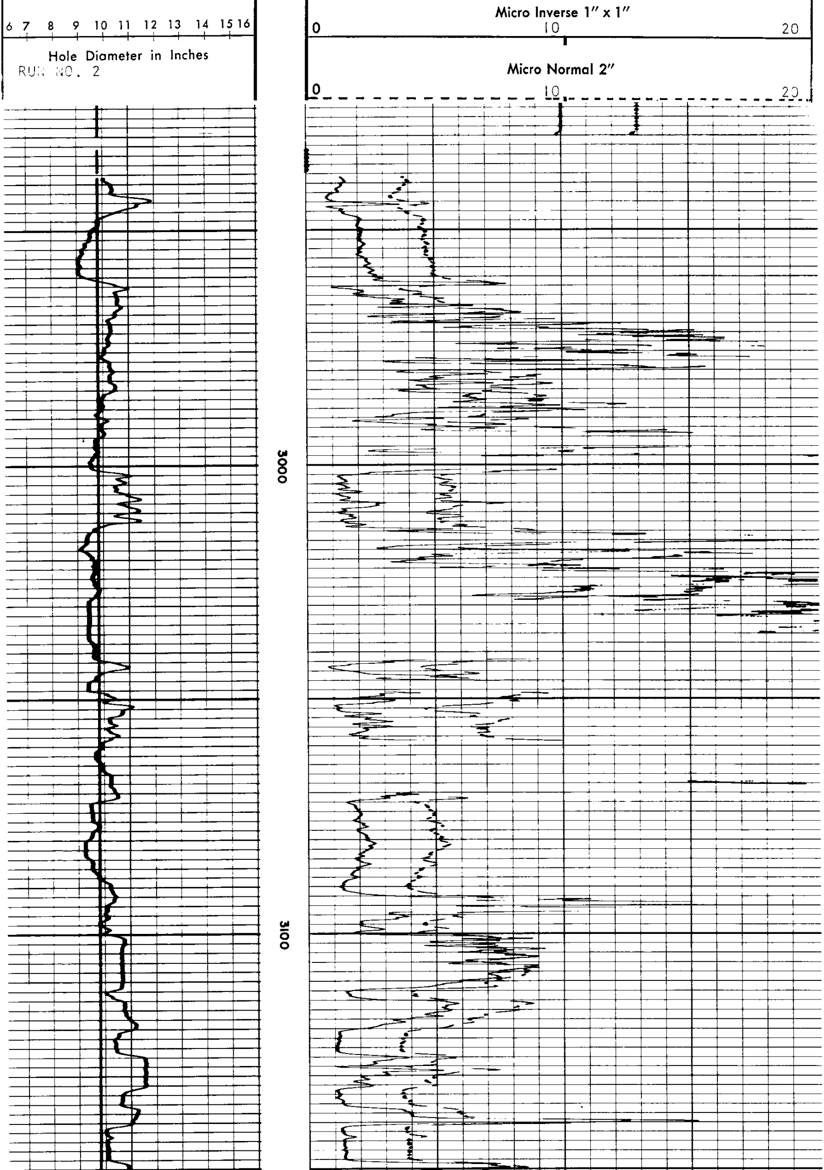
0 10 20

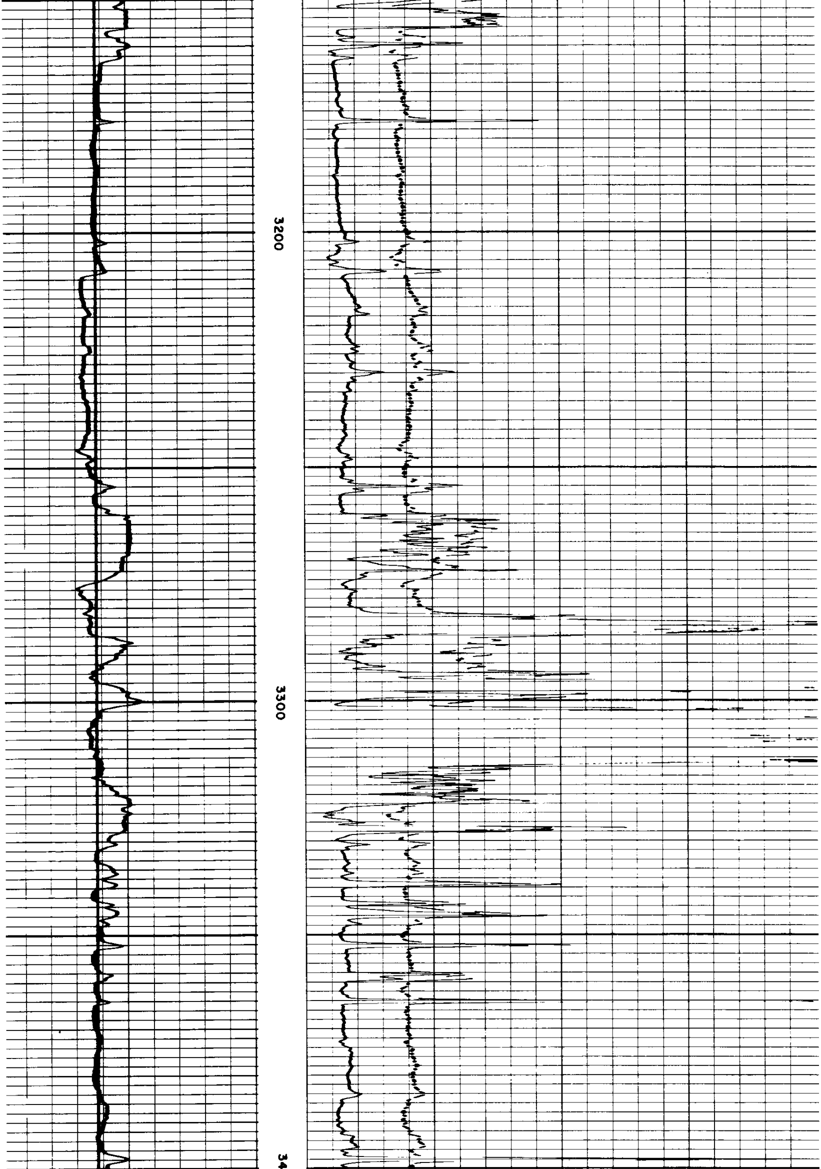
MICROCALIPER

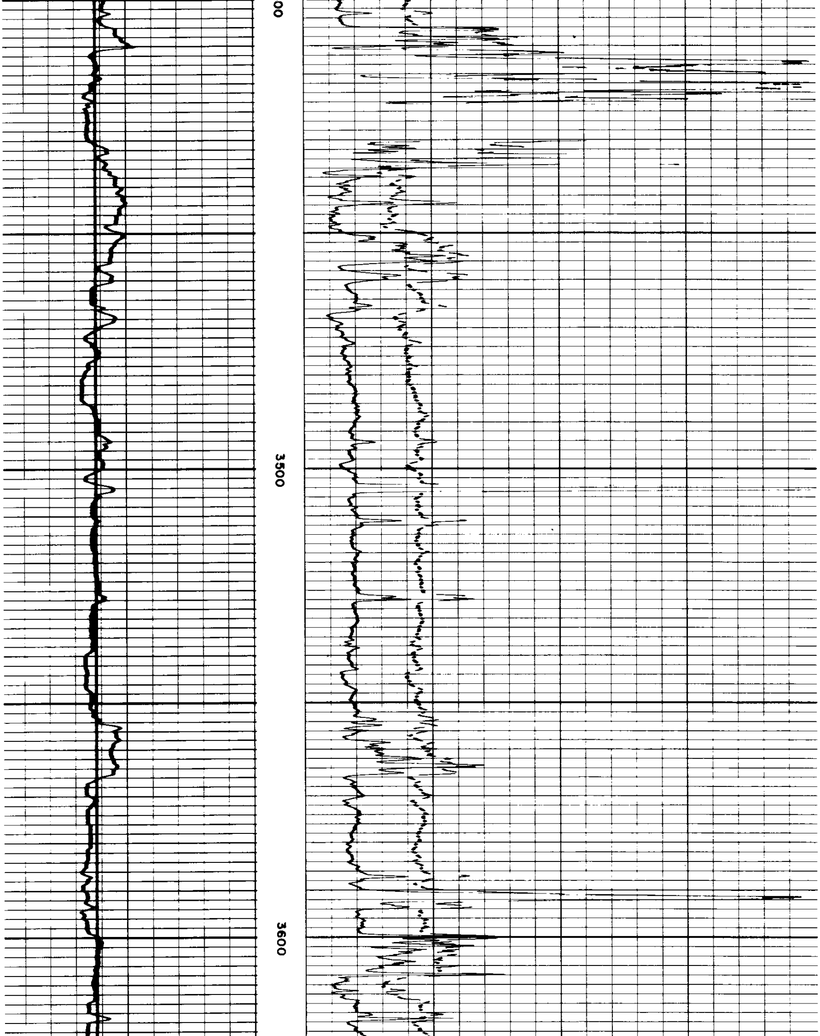
DEPTHS

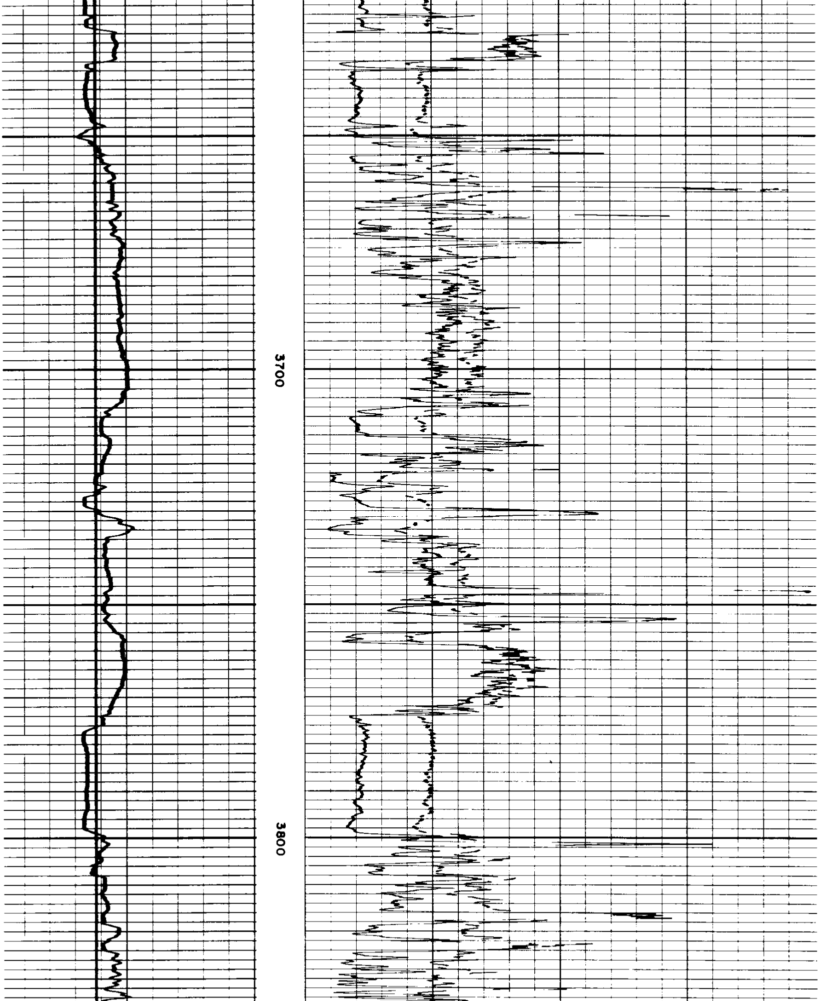
RESISTIVITY

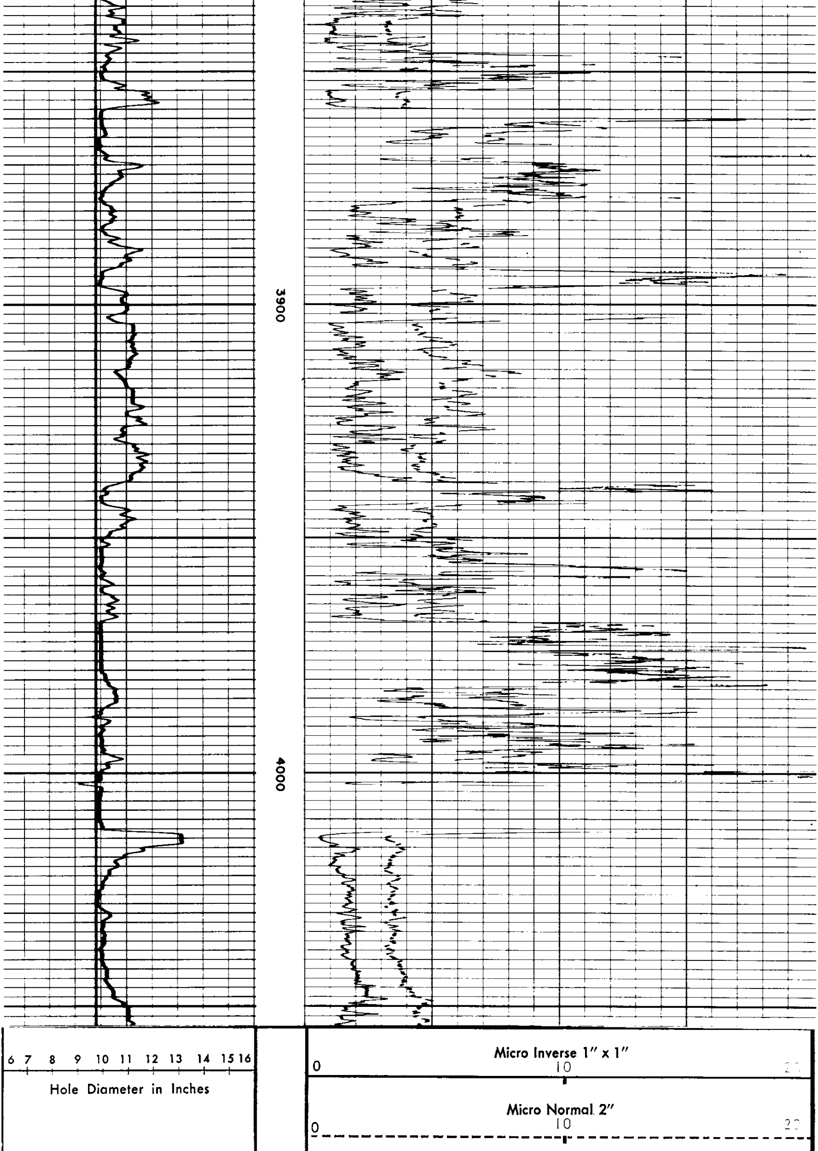
ohms. m²/m

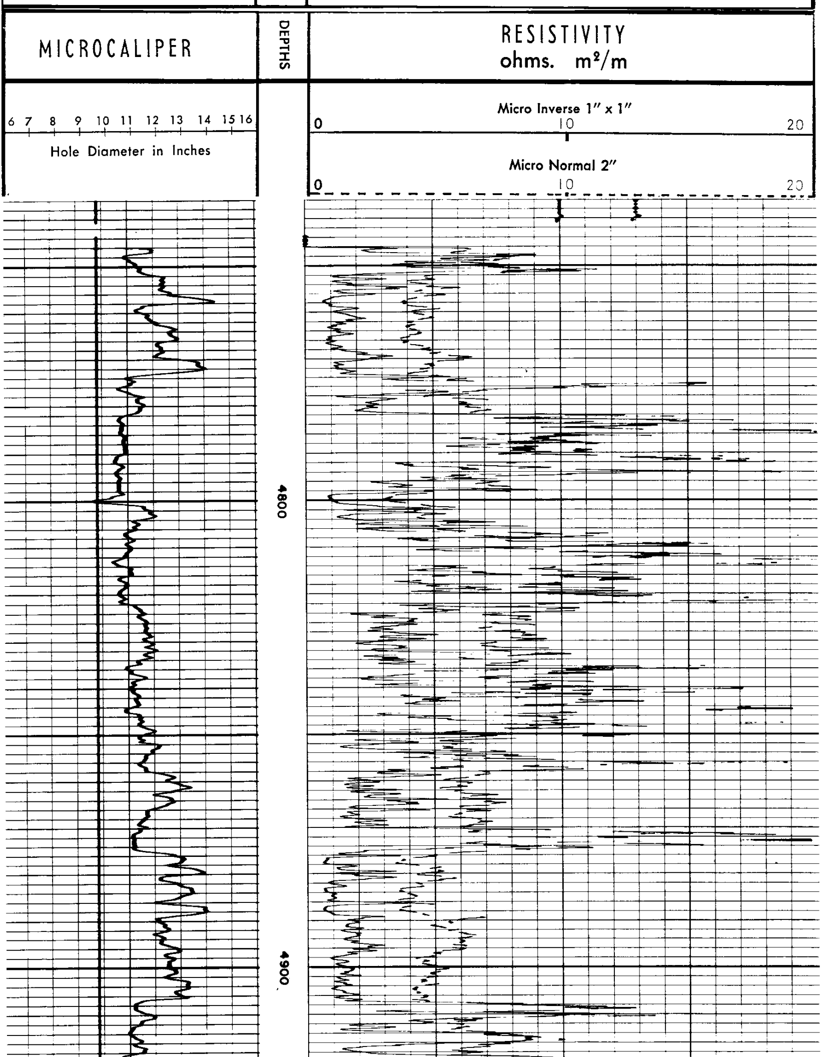


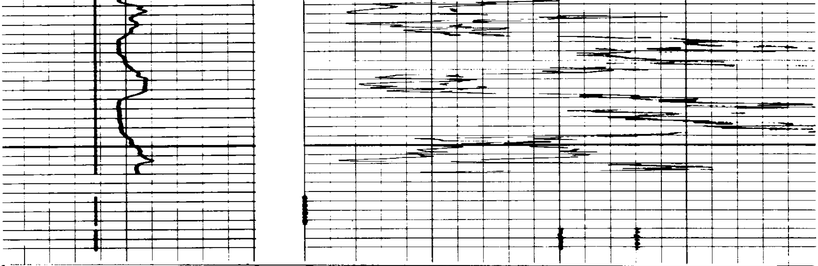












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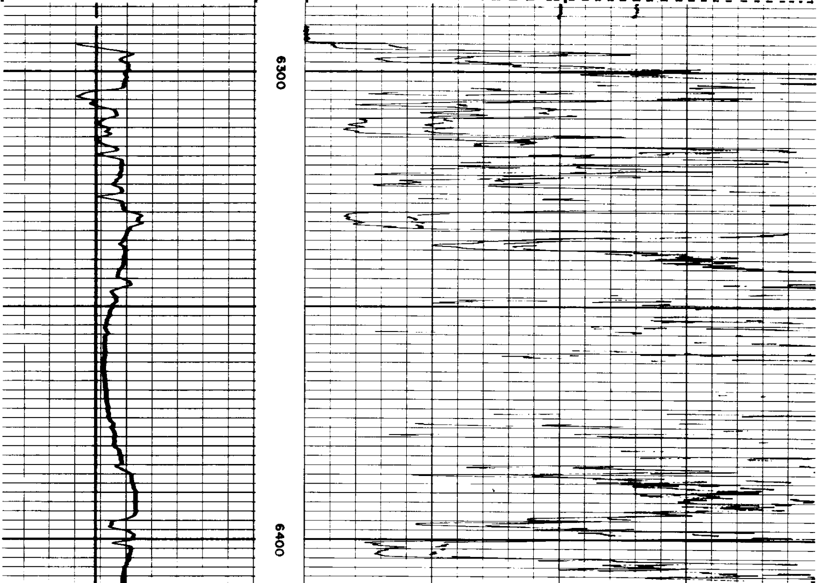

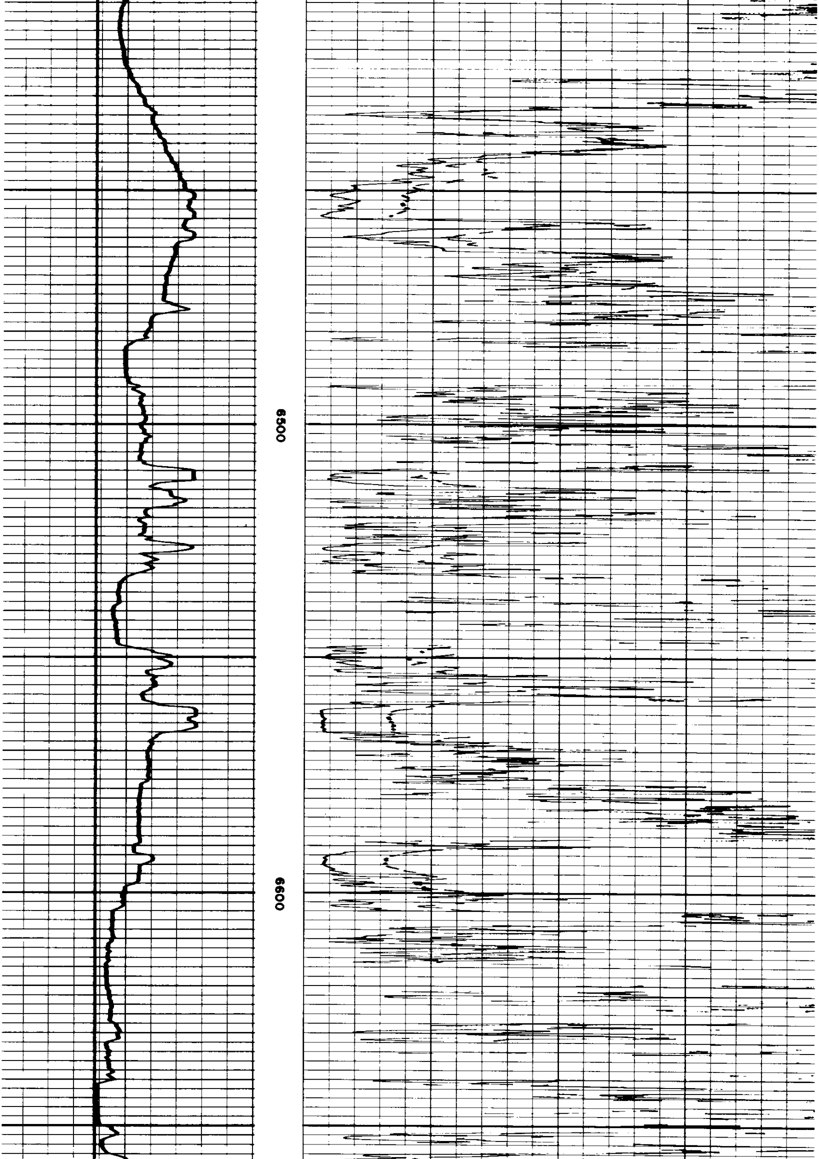

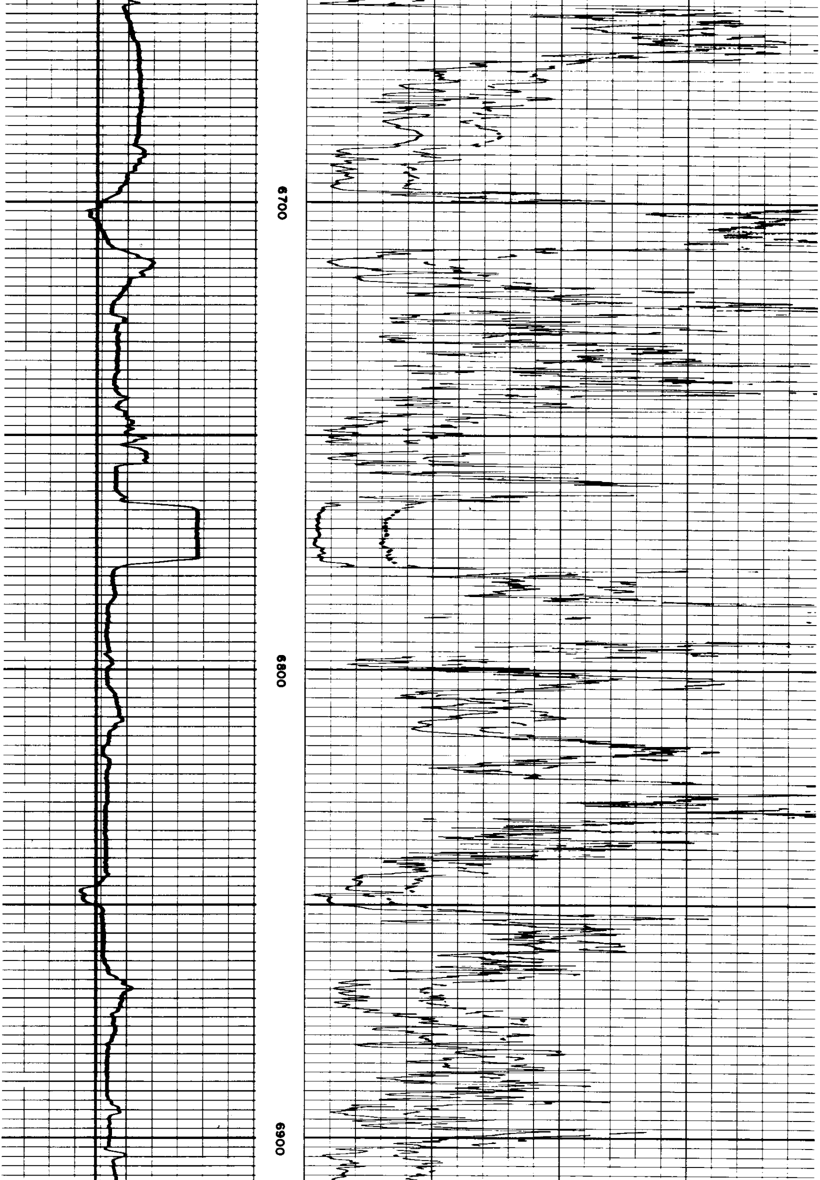

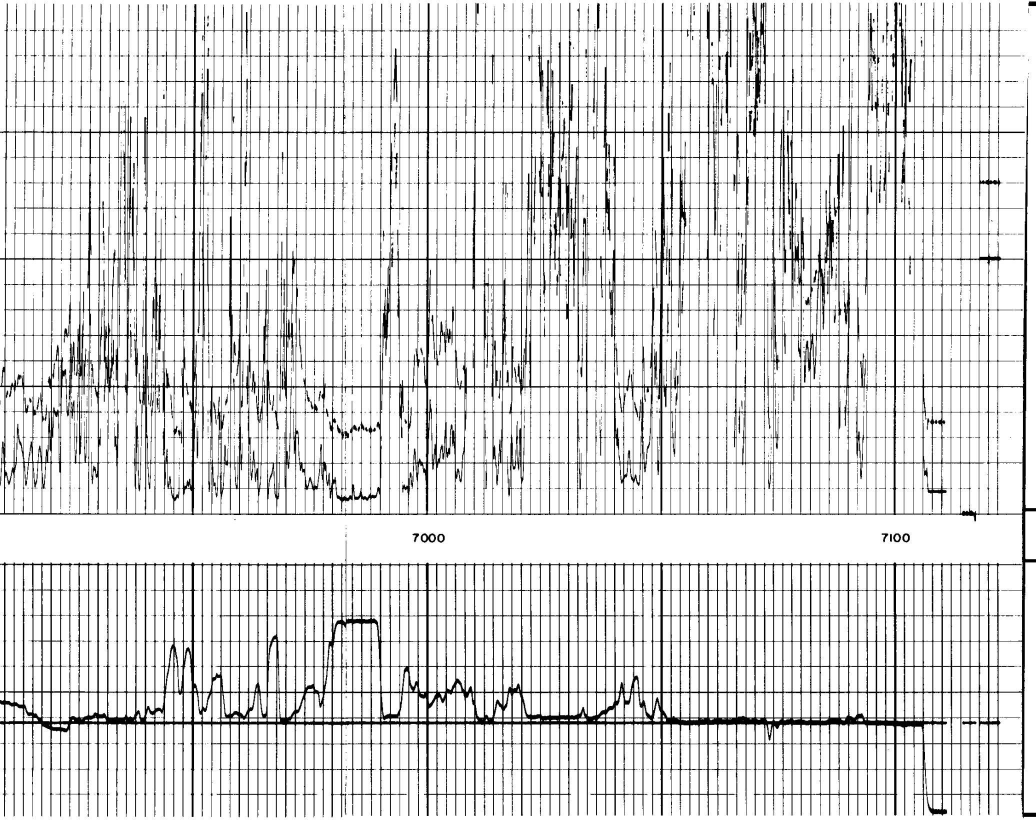

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0 10 20

Micro Normal 2"

0 10 20

MICROCALIPER

RESISTIVITY
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COMPANY RESERVE OIL AND GAS COMPANY

WELL ESMOND NO. 1

FIELD LEBANON 7 - 12S - 1W

COUNTY LINN STATE OREGON

Rm 0.59 @ 77 °F

Rmf 0.2 @ 141 °F

Rmc 0.85 @ 141 °F

BHT 141 °F

SWSC FR 7107

SWSC TD 7108

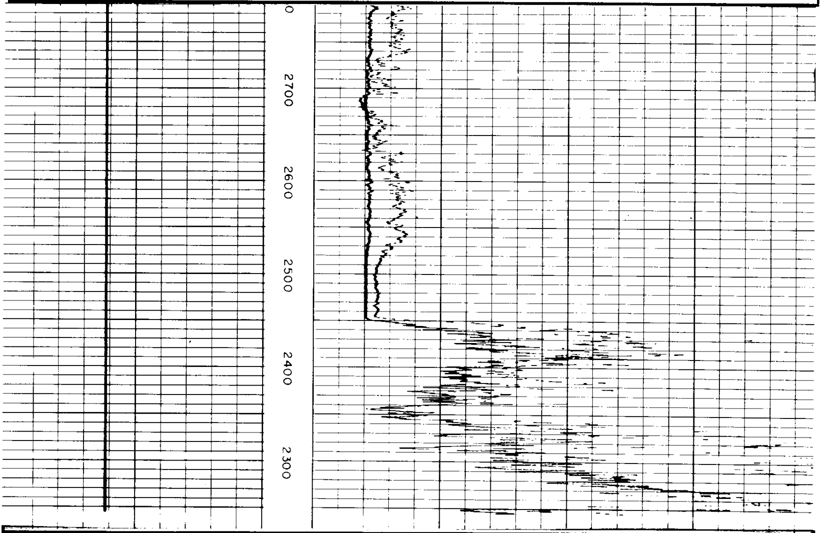
DRLR TD 7106

Elev:

KB 487

DF

GL 475



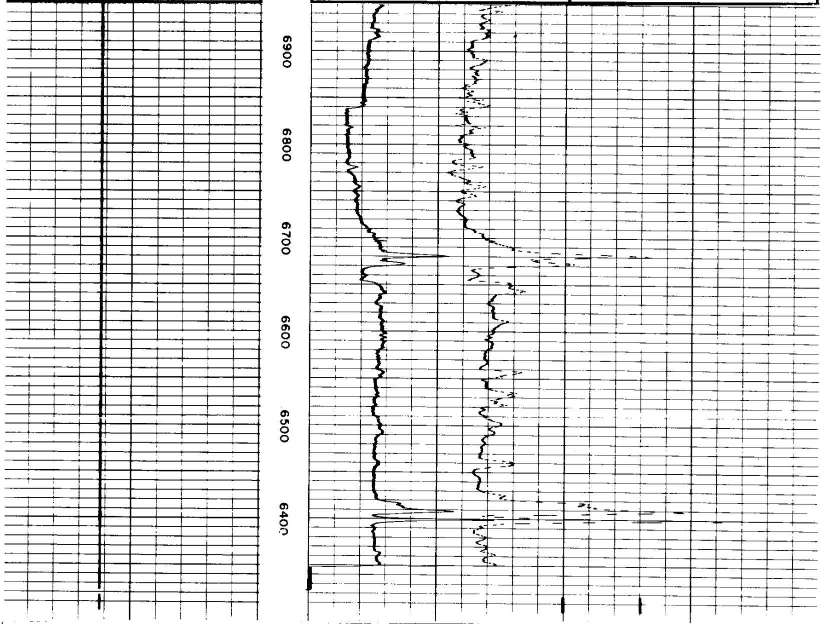
SURVEY WITH SONDE COLLAPSED

RUN NO. 1

Apparent Rm 2.0 Ω m²/m

Depth 2500 ft.

0 10 20



RUN NO. 2

SURVEY WITH SONDE COLLAPSED

Apparent Rm 0.3 Ω m²/m

Depth 6800 ft.

0 2 4