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DEPT OF GEOLOGY

Welex
5"=100'

DUAL INDUCTION GUARD LOG

WITH 2" LINEAR CORRELATION LOG

COMPANY REICHHOLD ENERGY CORP.
WELL COLUMBIA COUNTY NO. 10
FIELD MIST-NEHALEM
County COLUMBIA State OREG.

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY NO. 10
FIELD MIST - NEHALEM BASIN
COUNTY COLUMBIA STATE OREGON
Location 1976' NORTH & 1065' EAST OF SOUTHWEST CORNER OF:
Sec. 3 Twp. 6N Rge. 5W

Other Services:
C/AVL
C/DENS/N
DIP

Permanent Datum GL Elev. 1089.22
Log Measured From KB OR 10.5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 1099.72
D.F.
G.L. 1089.22

Date	10-5-79			
Run No.	ONE			
Depth—Driller	2983			
Depth—Welex	2981			
Btm. Log Inter.	2979			
Top Log Inter.	440			
Casing—Driller	7 @ 437	@	@	@
Casing—Welex	440			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNO SULF			
Dens. | Visc.	79 | 39	|	|	|
pH | Fluid Loss	9.0 | 7.0 ml	| ml	| ml	| ml
Source of Sample	PIT			
R_m @ Meas. Temp.	3.86 @ 60 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	3.57 @ 60 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	3.99 @ 60 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|	|
R_m @ BHT	2.12 @ 109°F	@ °F	@ °F	@ °F
Time Since Circ.	2 HOURS			
Max. Rec. Temp.	109°F @ BHT	°F @	°F @	°F @
Equip. | Location	8586 | WDLND	|	|	|
Recorded By	DOVE			
Witnessed By	McBURNIE, FRY			

Fold Here

Service Ticket No. 049048 Remarks

Change 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	2.12 @109 °F	@ °F
R_{mf} BHT	1.96 @109 °F	@ °F
R_{mc} BHT	2.20 @109 °F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	DIGL 21675		CENT	

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions or recommendations agrees that Welex is not responsible except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

5" 100

POTENTIAL MILLIVOLTS

→ 10 ←

Rmf at °F.

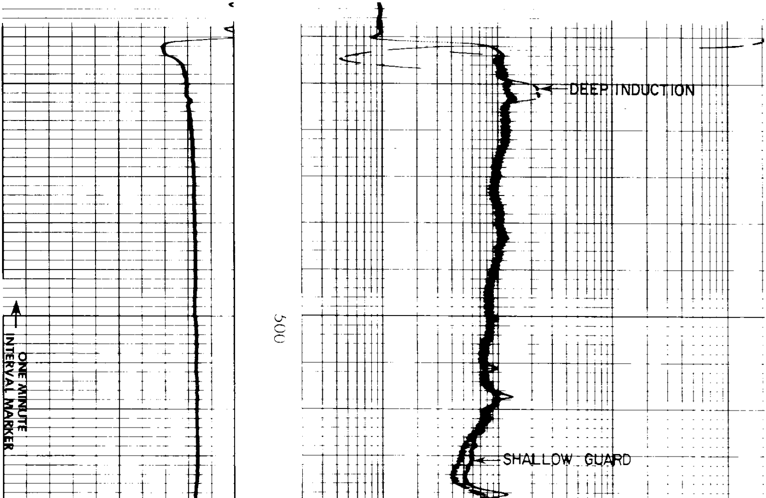
RESISTIVITY OHMS M²/M

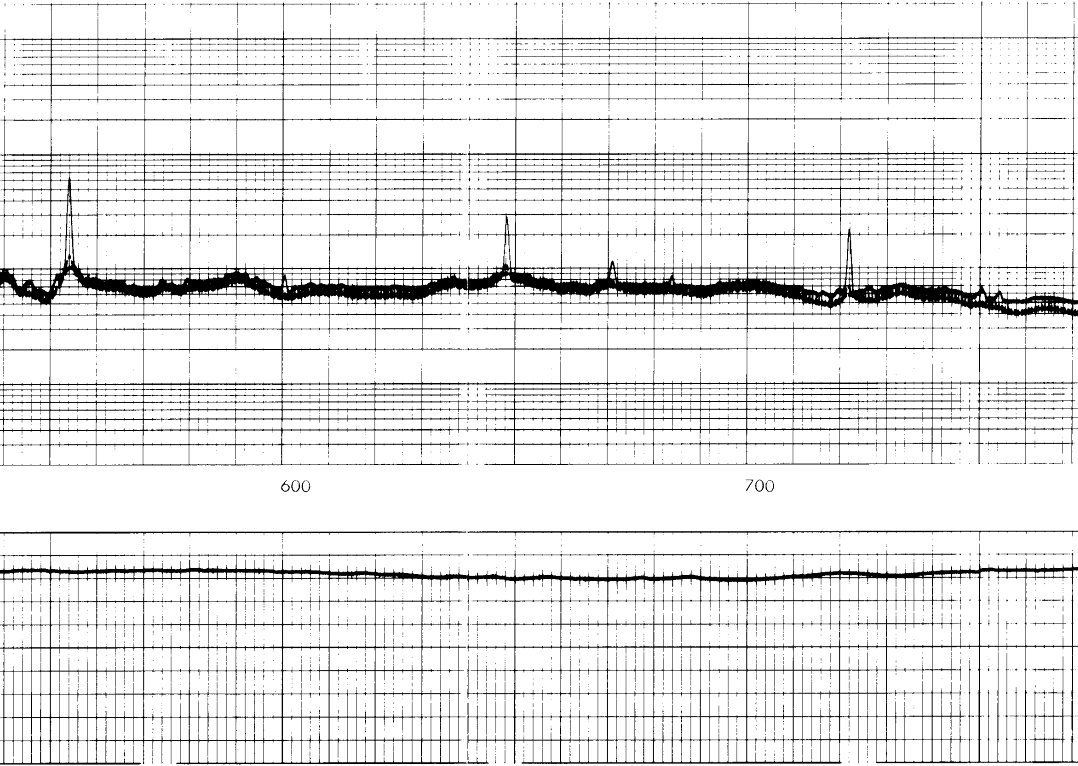
DEEP INDUCTION

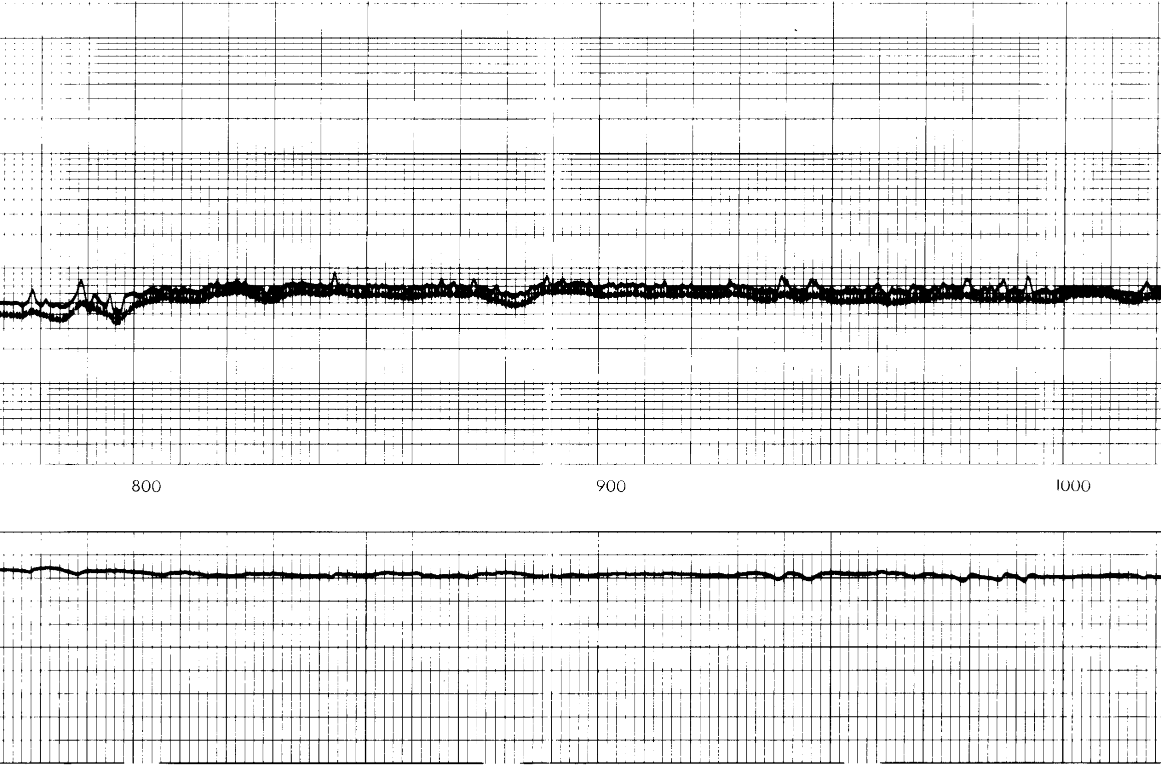
MEDIUM INDUCTION

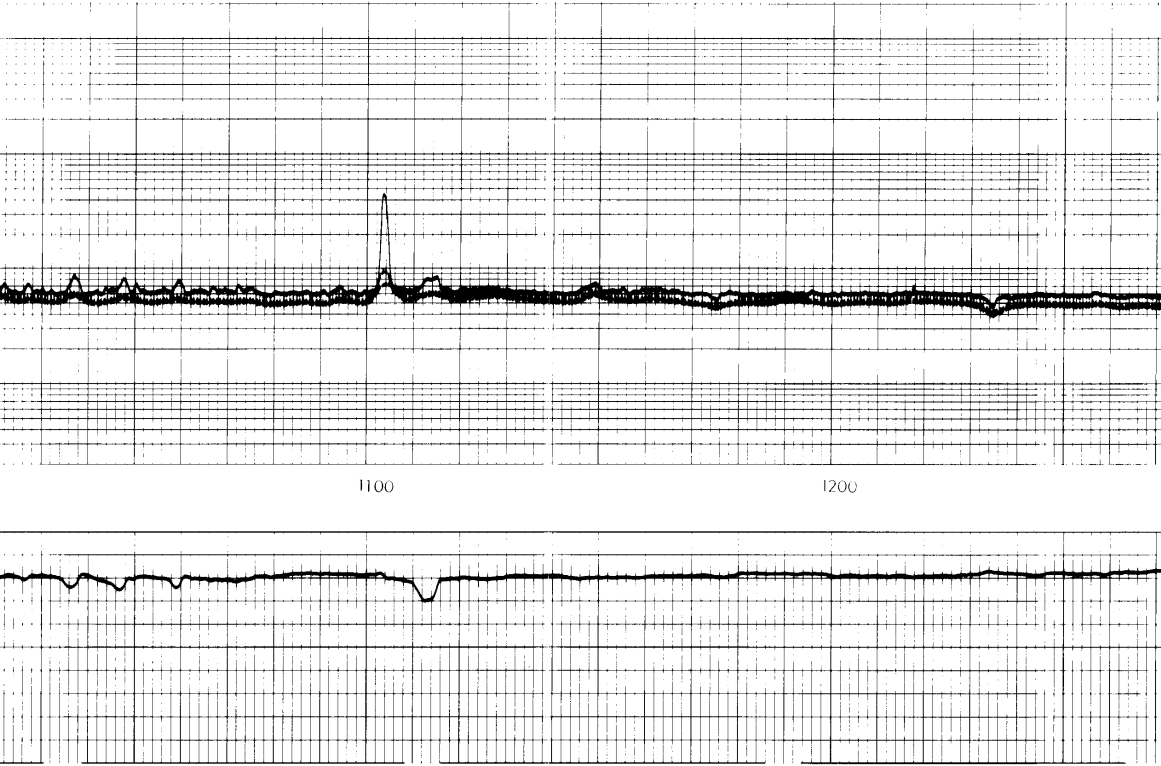
SHALLOW GUARD

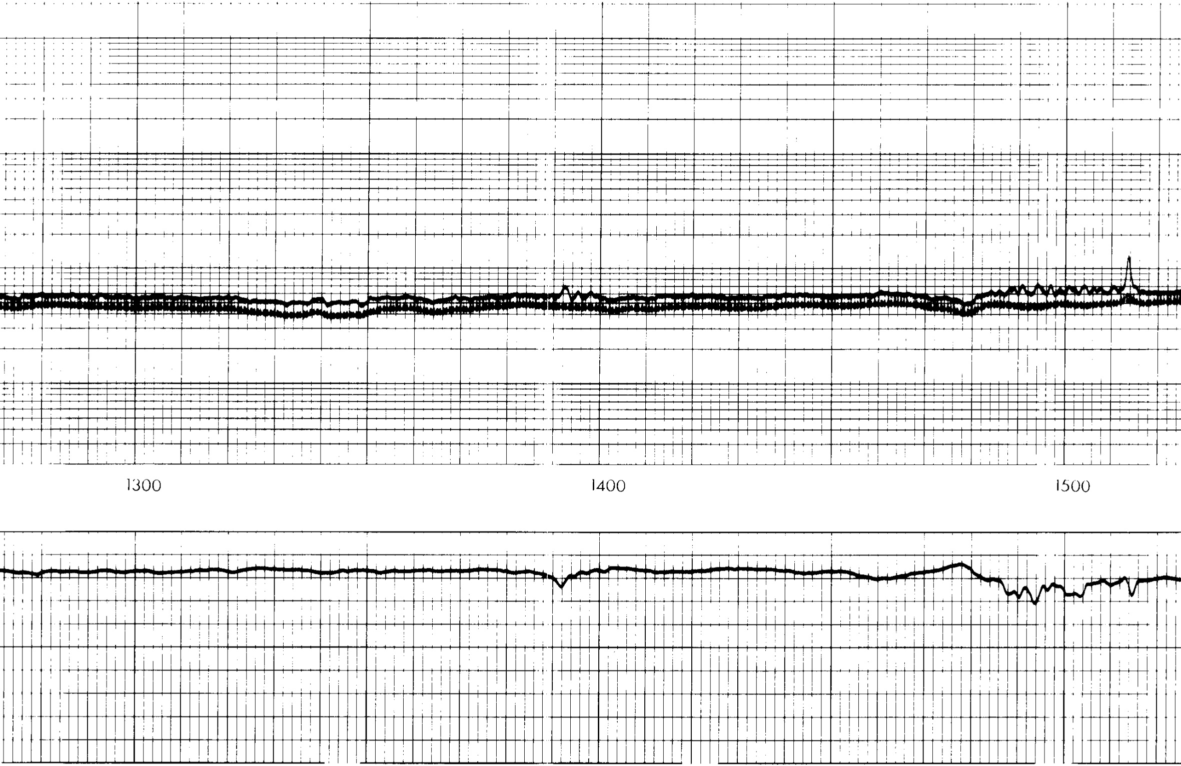
.2 .5 1 2 5 10 20 50 100 200 500 1000 2000

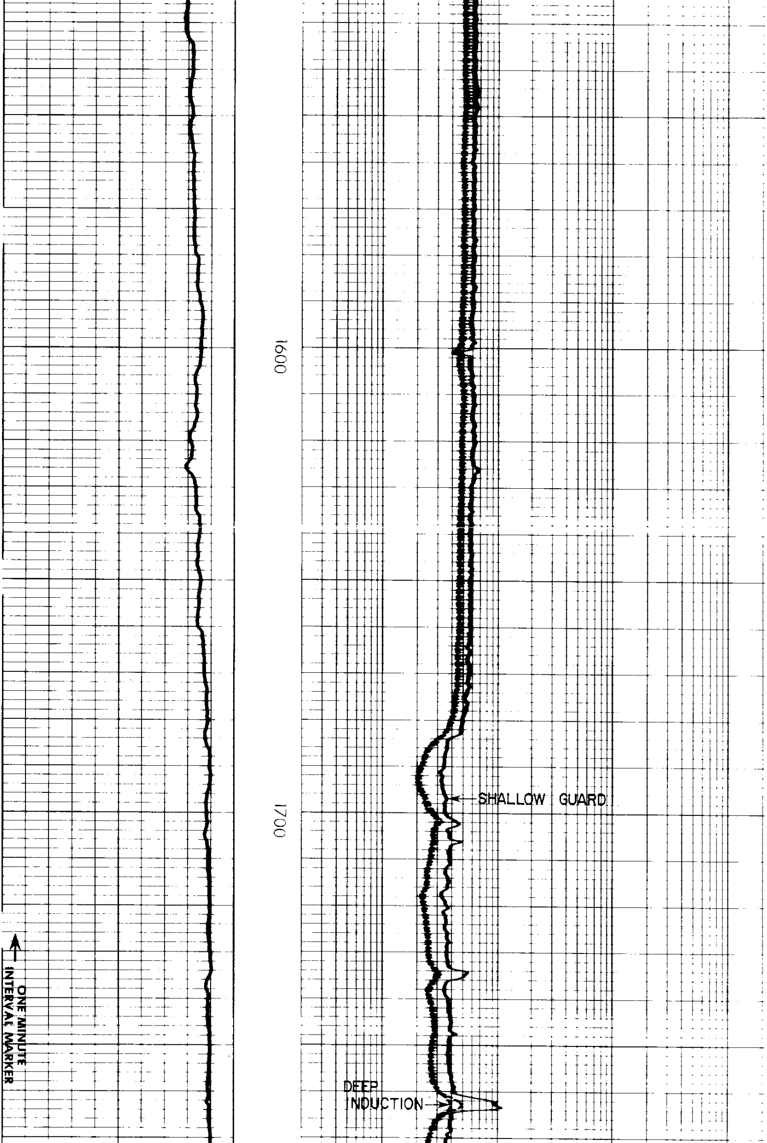


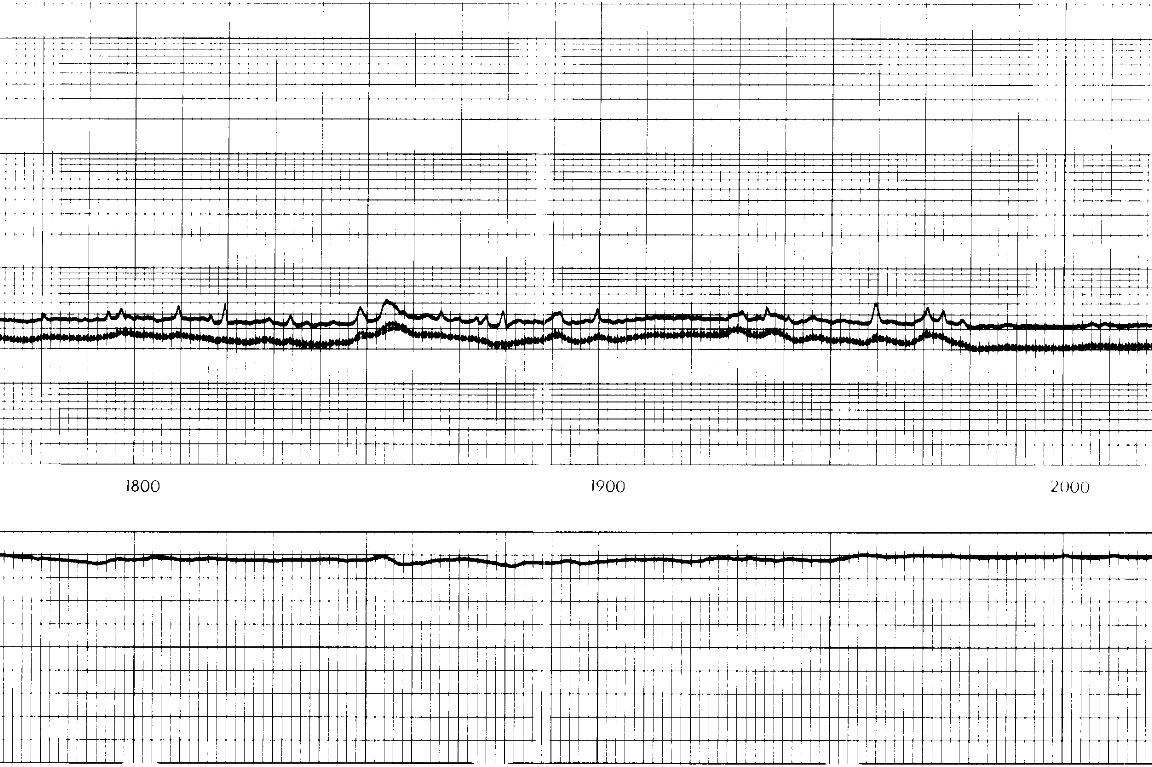


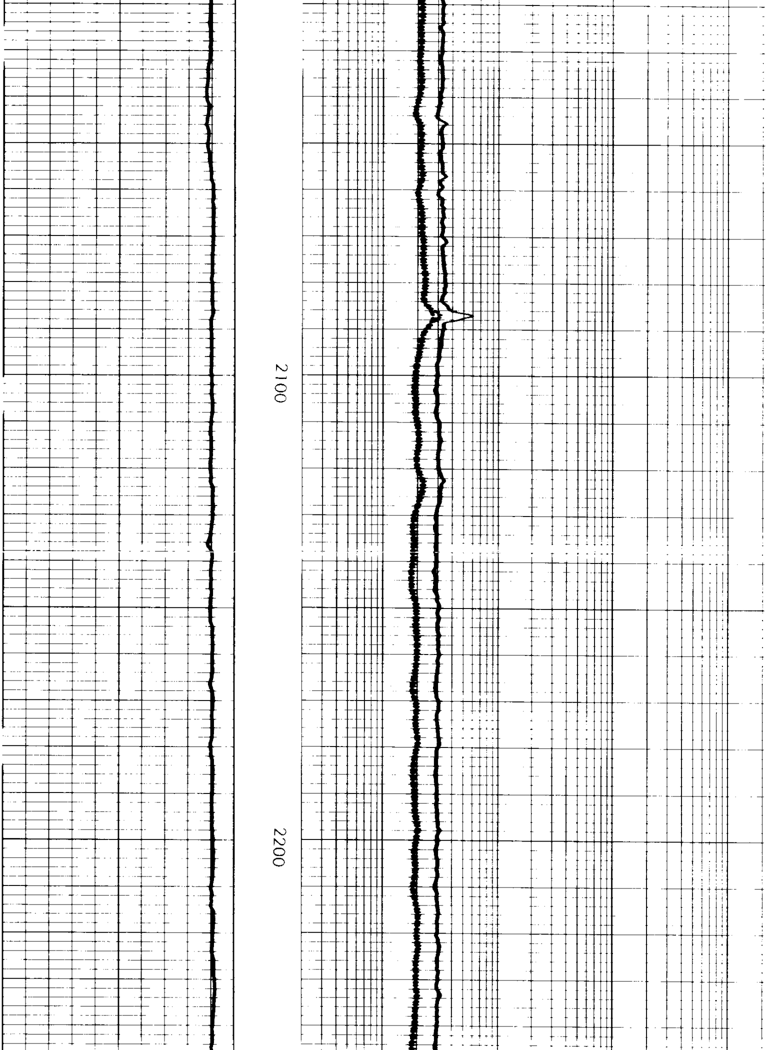


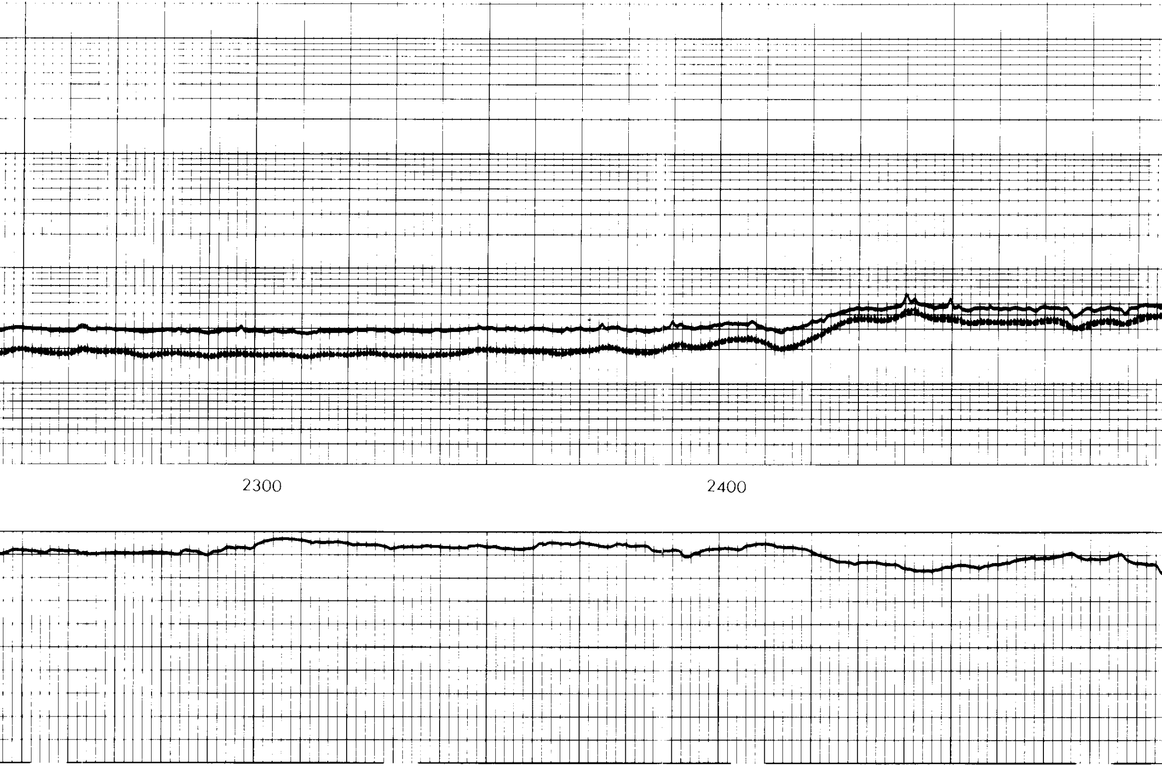


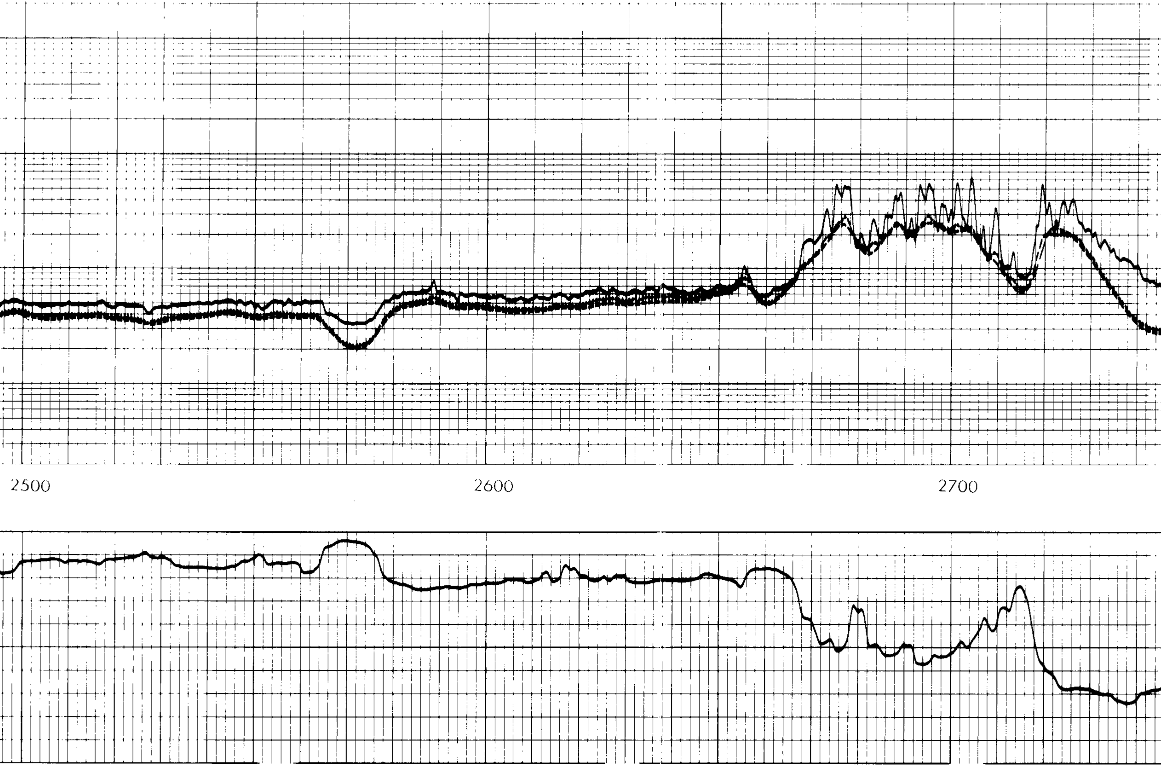


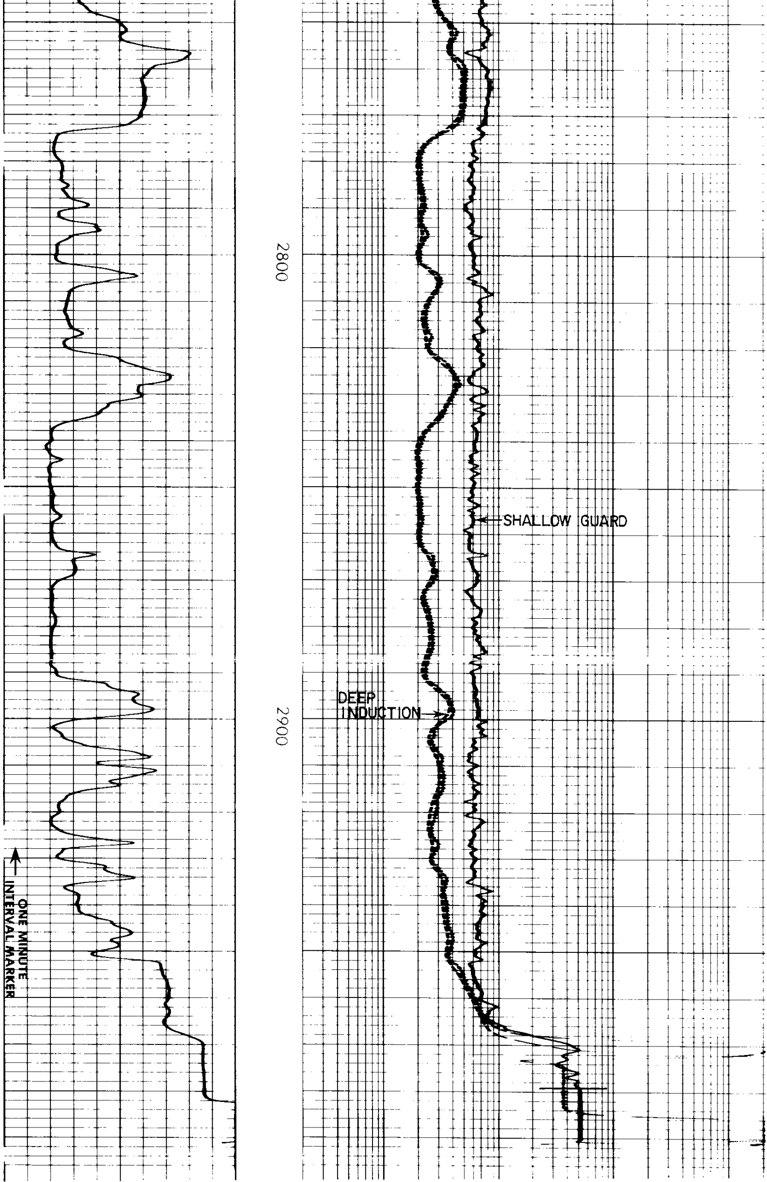


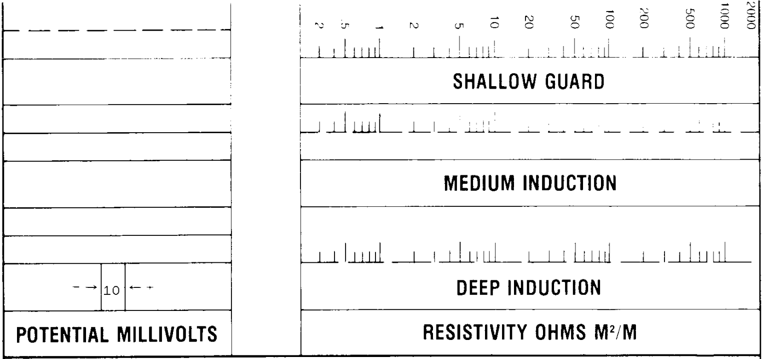










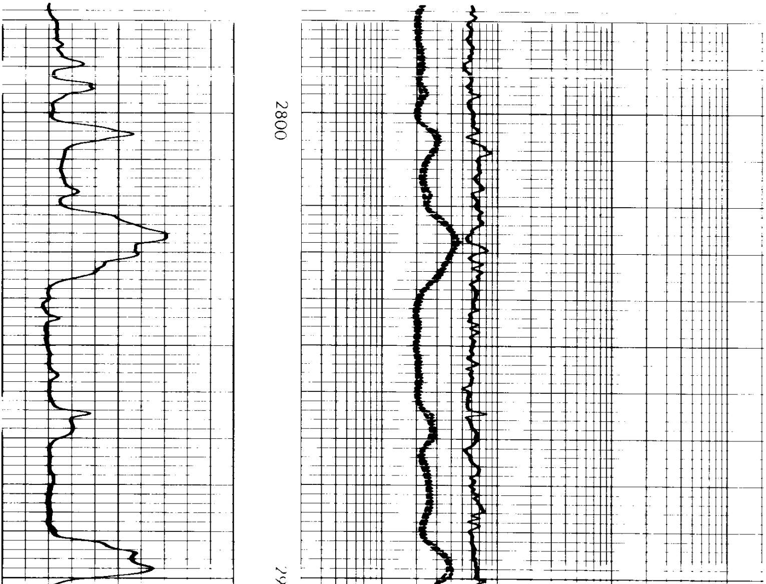


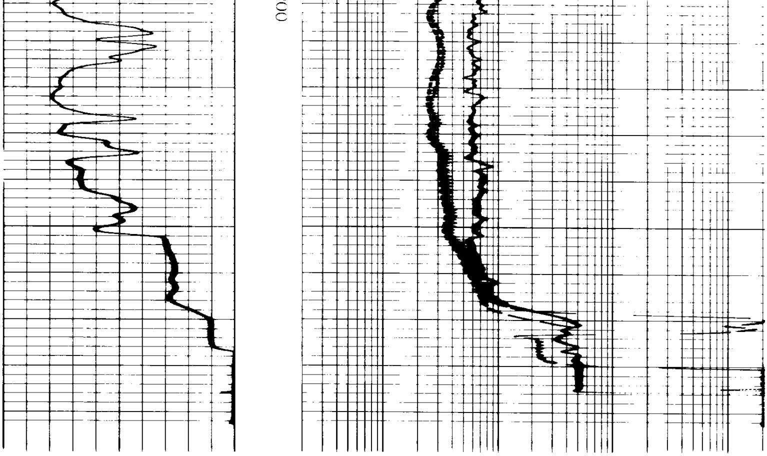
Rmf 1.96 at 109 °F.

REICHHOLD ENERGY CORPORATION
COLUMBIA COUNTY NO. 10
MIST - NEHALEM BASIN
COLUMBIA COUNTY, OREGON

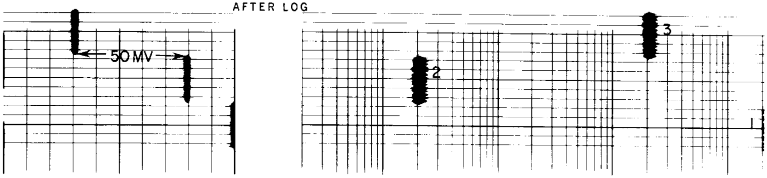
T.D. LOGGED 2979
T.D. DRILLER 2983
T.D. WELEX 2981
ELEV: KB 1099.72 GL 1089.22

REPEAT SECTION

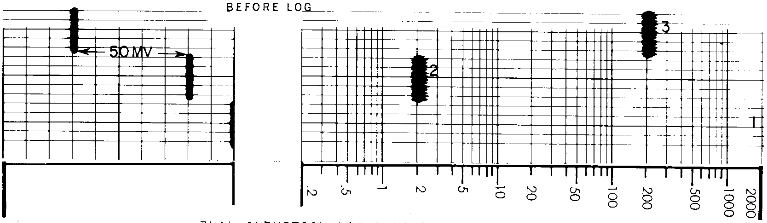




AFTER LOG



BEFORE LOG



DUAL INDUCTION LOG CALIBRATION DATA

BEFORE LOGGING:

1. RECORD ELECTRICAL ZEROS.
2. RECORD INTERNAL TOOL CALIBRATION SIGNALS EQUIVALENT TO 2.0 OHMMETERS RESISTIVITY. (GUARD, DEEP AND MEDIUM INDUCTION)
3. RECORD INTERNAL TOOL CALIBRATION SIGNALS EQUIVALENT TO 200 OHMMETERS RESISTIVITY. (GUARD, DEEP AND MEDIUM INDUCTION)

AFTER LOGGING:

REPEAT STEPS 1, 2 AND 3.