COMPANY REICHHOLD ENERGY CORP.
WELL COLUMBIA COUNTY NO. 3
FIELD NEHALEM BASIN
County COLUMBIA State OREG.

Welex

5"=100'

INDUCTION • ELECTRIC LOG

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY NO. 3

FIELD NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

Location 1561' SOUTH & 630' WEST OF
NORTHEAST CORNER OF:
(W.B.M.)

Sec. 10 Twp. 6N Rge. 5W

Other Services:
C/AVL
DIP

Permanent Datum GL Elev. 858.2
Log Measured From KB OR 11.2 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 869.4
D.F. -
G.L. 858.2

Date	5-29-79			
Run No.	ONE			
Depth—Driller	2932			
Depth—Welex	2932			
Btm. Log Inter.	2927			
Top Log Inter.	396			
Casing—Driller	7 @ 391	@	@	@
Casing—Welex	396			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNO-SULF			
Dens. | Visc.	75 | 38	|	|	|
pH | Fluid Loss	12.0 | 14.0 ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	2.94 @ 80 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.57 @ 70 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.92 @ 70 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|	|
R_m @ BHT	3.27 @ 116°F	@ °F	@ °F	@ °F
Time Since Circ.	3 1/2 HOURS			
Max. Rec. Temp.	116 °F @ BHT	°F @	°F @	°F @
Equip. | Location	9430 | WDLND	|	|	|
Recorded By	KENNEDY			
Witnessed By	McBURNIE, CLARE, BRUER			

Fold Here

Service Ticket No. 048877 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	2.27 @ 116 °F	@ °F
R_{mf} BHT	1.55 @ 116 °F	@ °F
R_{mc} BHT	1.77 @ 116 °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	IEL 11242		FREE	

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.

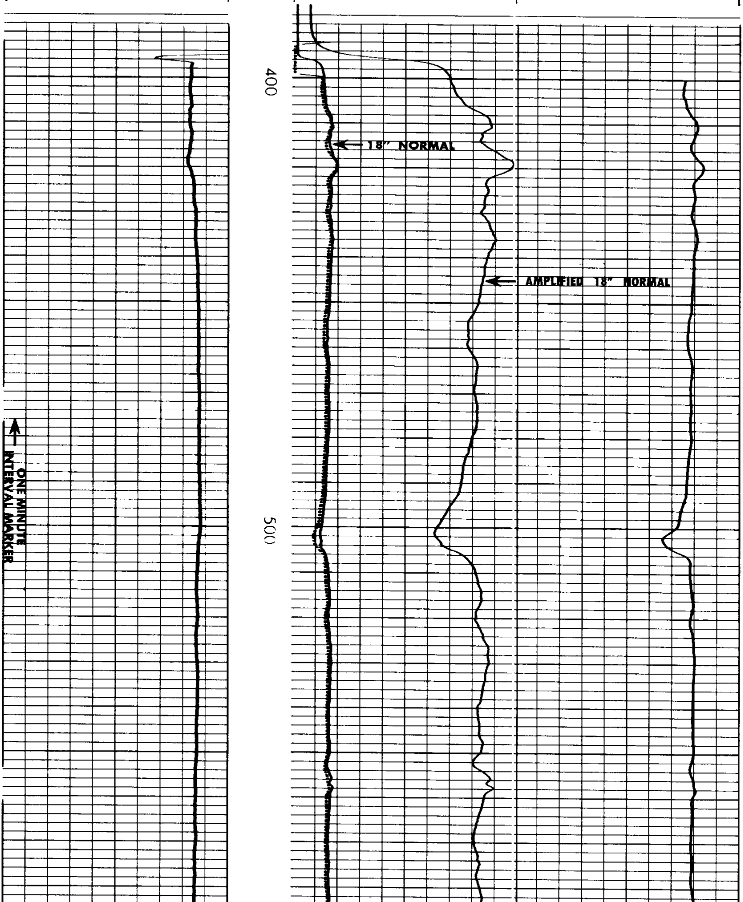
5" = 100'

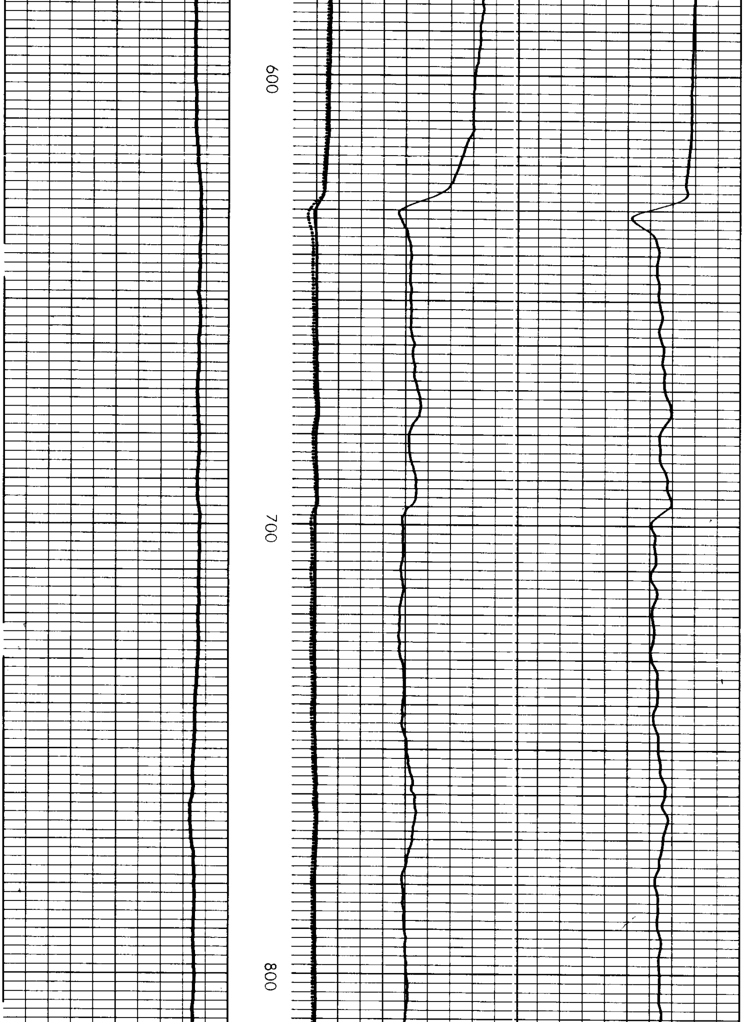
POTENTIAL MILLIVOLTS

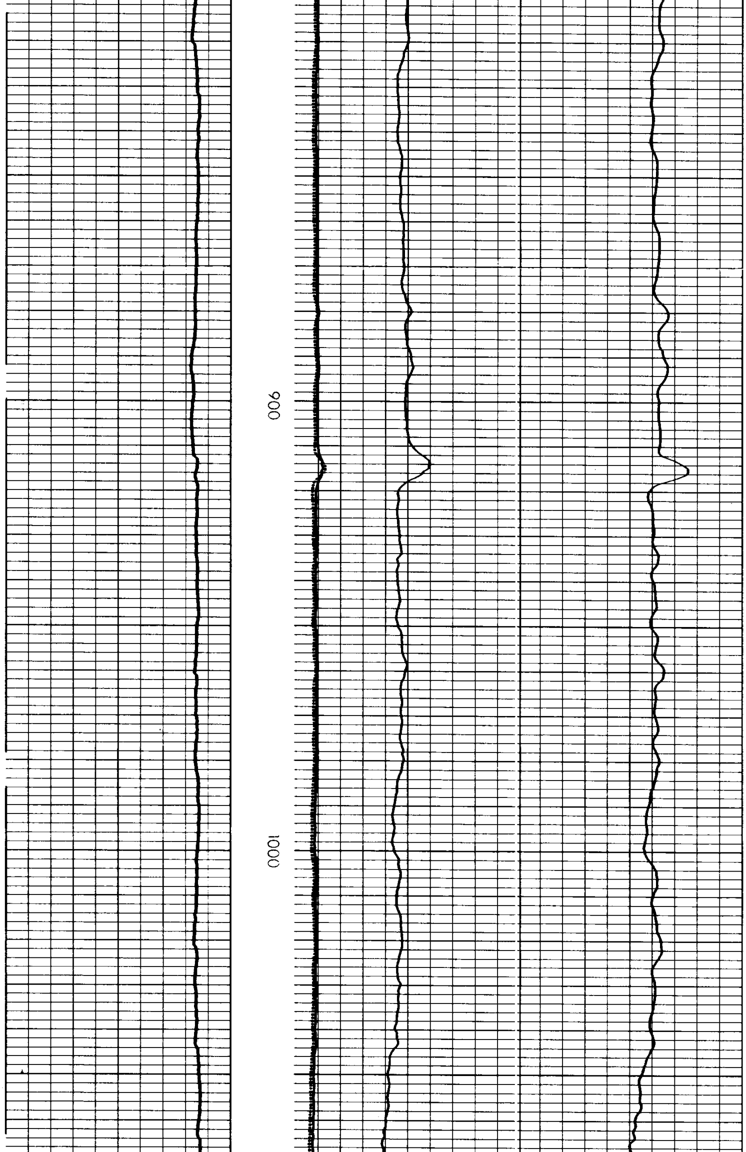
– → 10 ← +

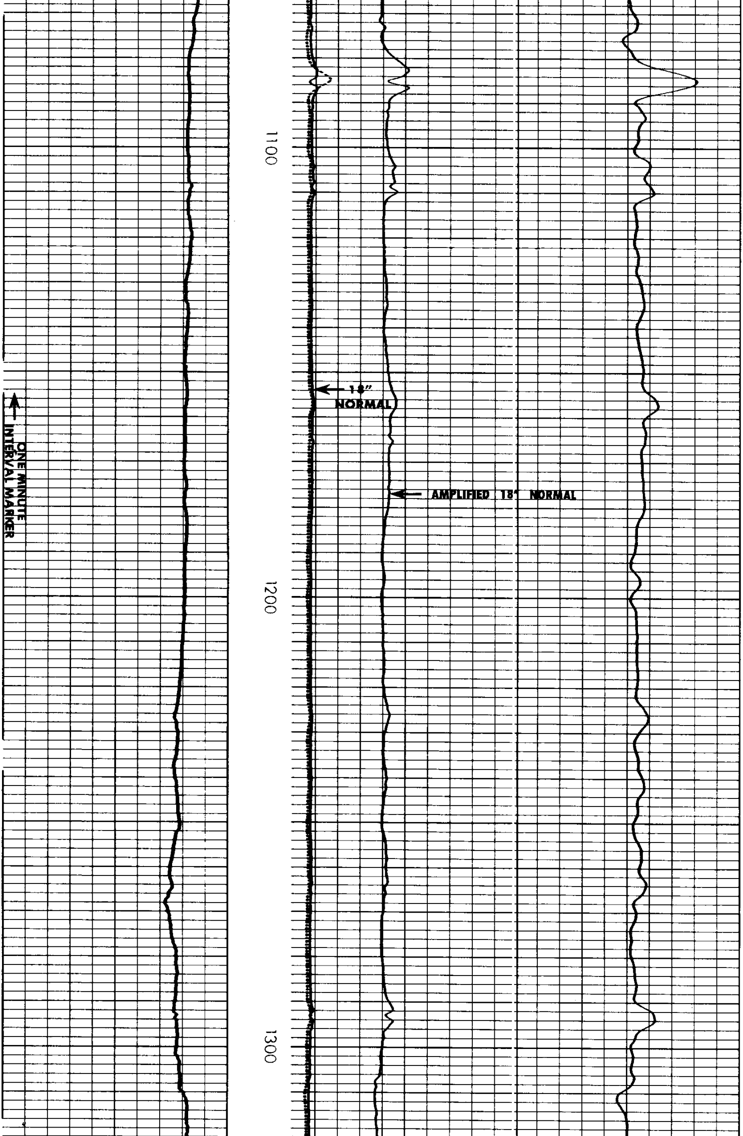
Rmf ________ at ________ °F.

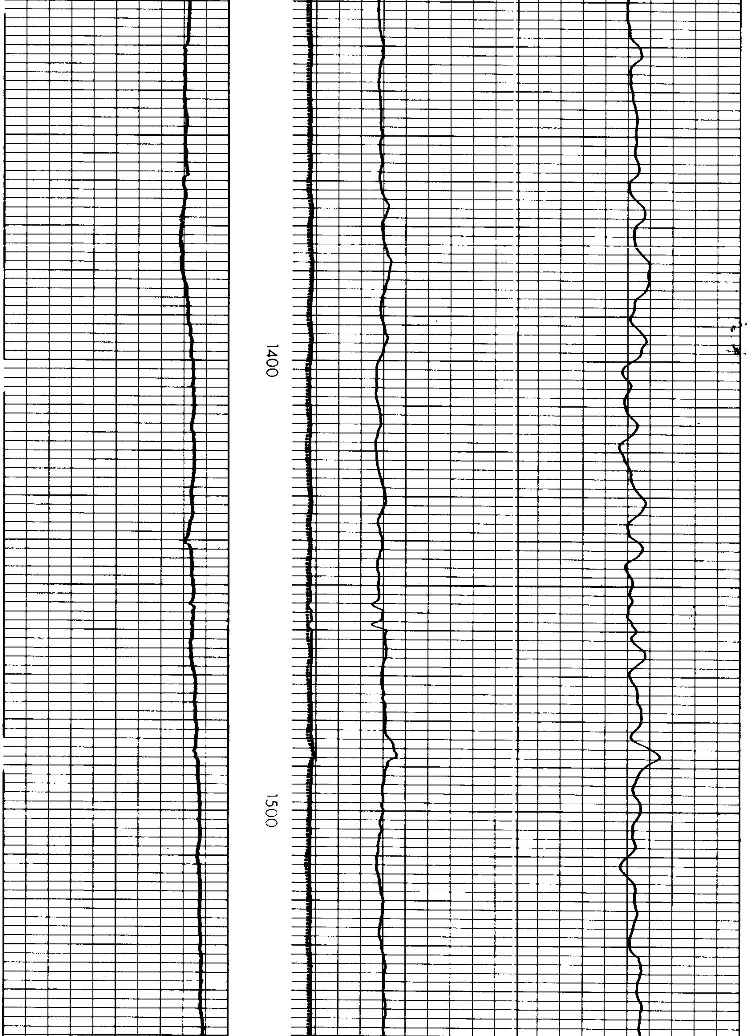
RESISTIVITY OHMS M^2/M			CONDUCTIVITY M MHOS/M		
0	18" Normal	30	1000	Induction	0
0	O.S.	300	2000	O.S.	1000
0	18'' AMP. NORMAL	6			
0	Induction	30			
0	O.S.	300			

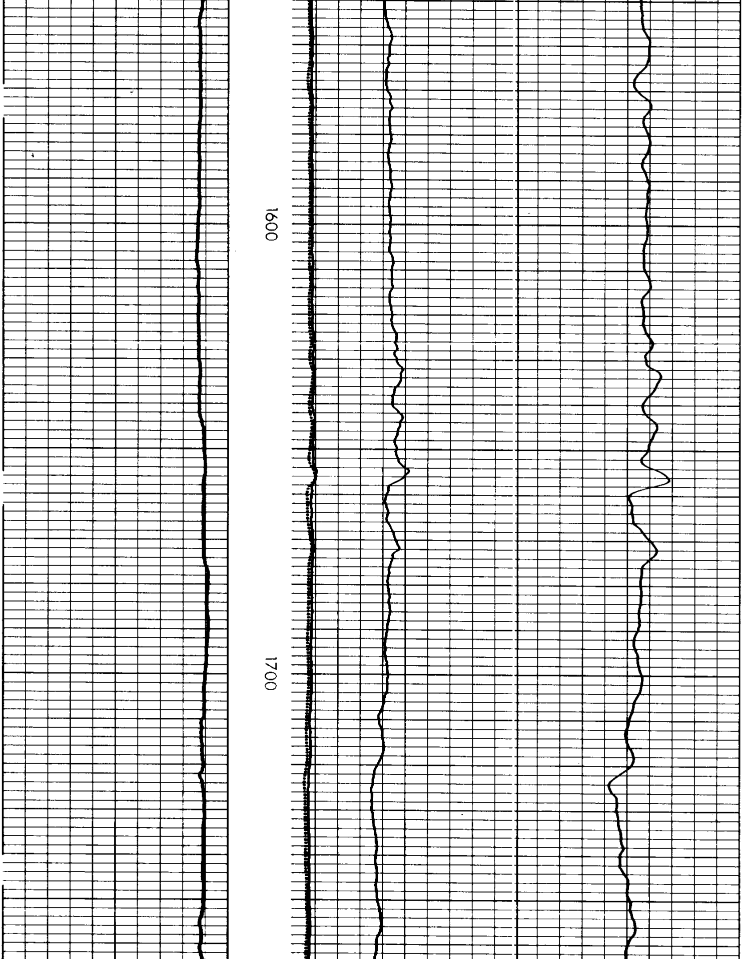


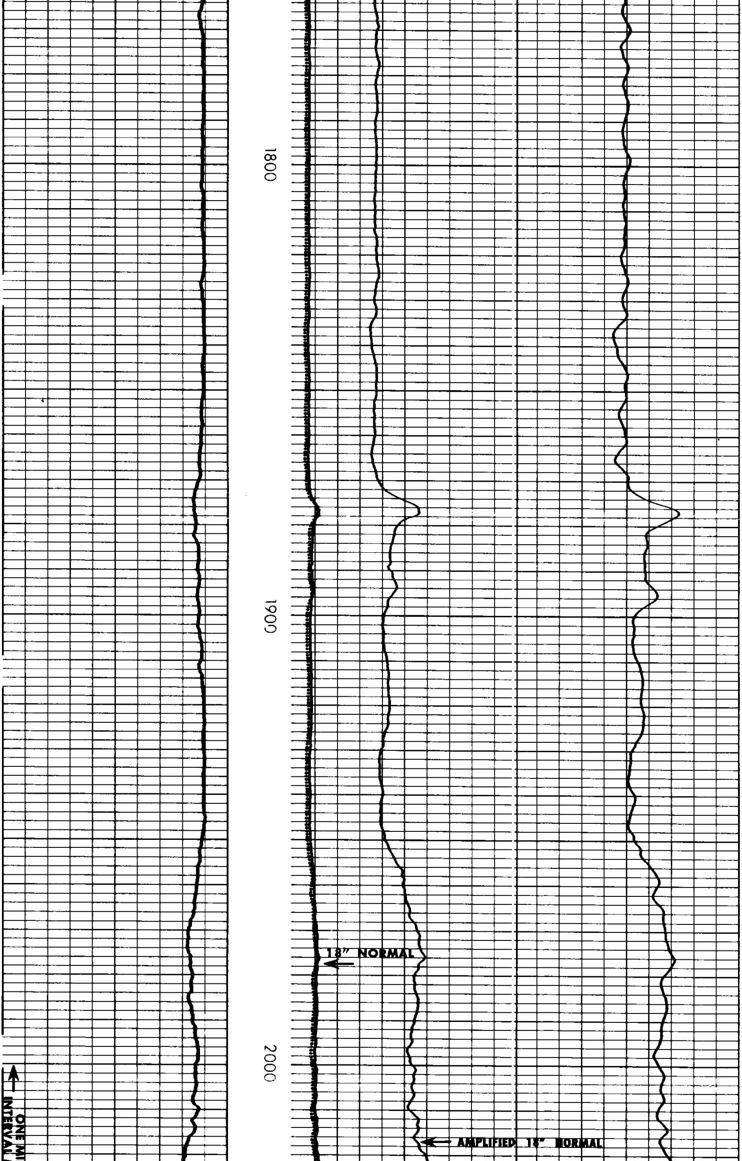


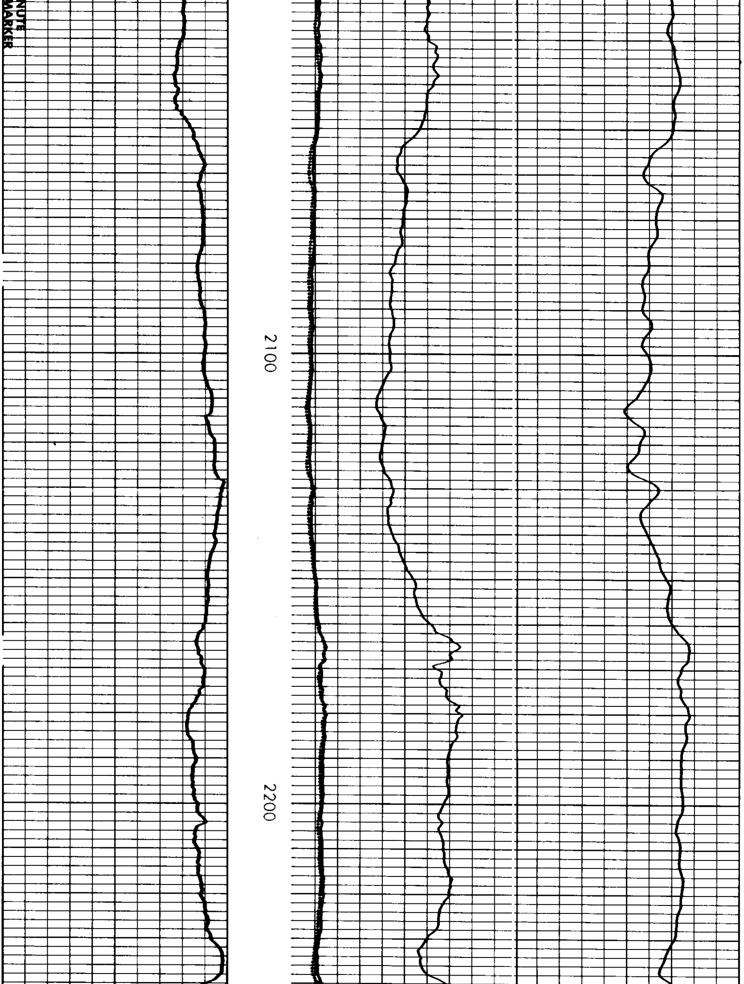


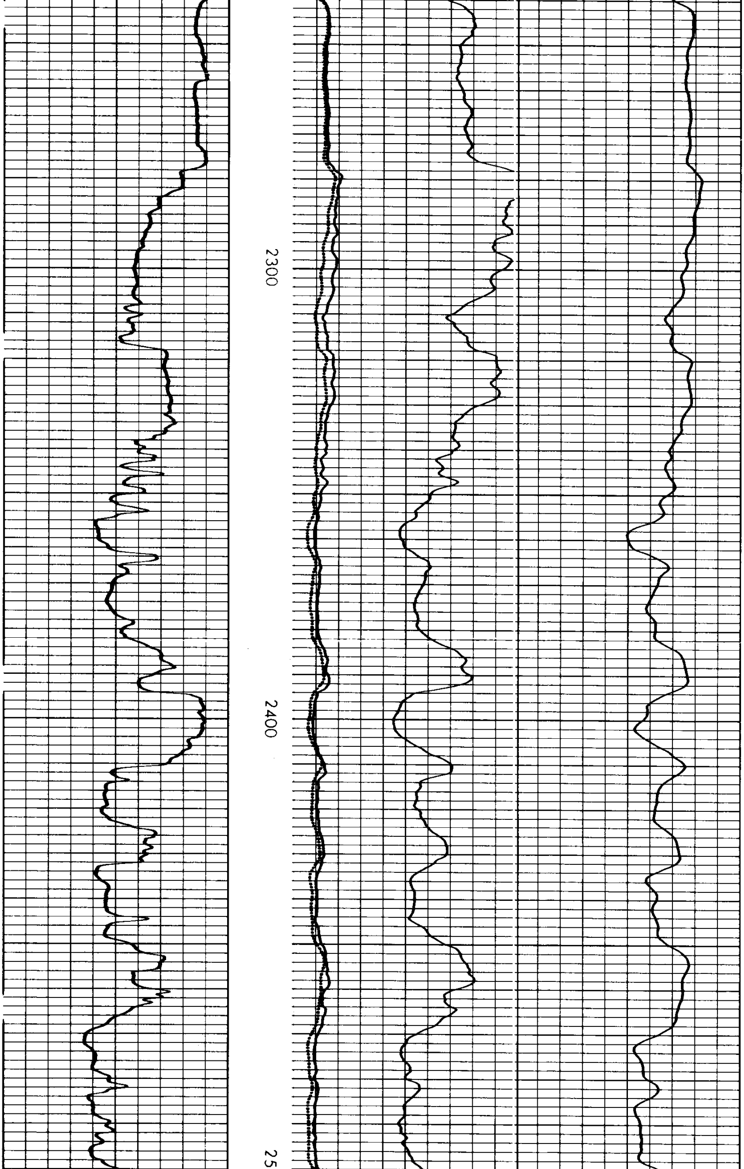


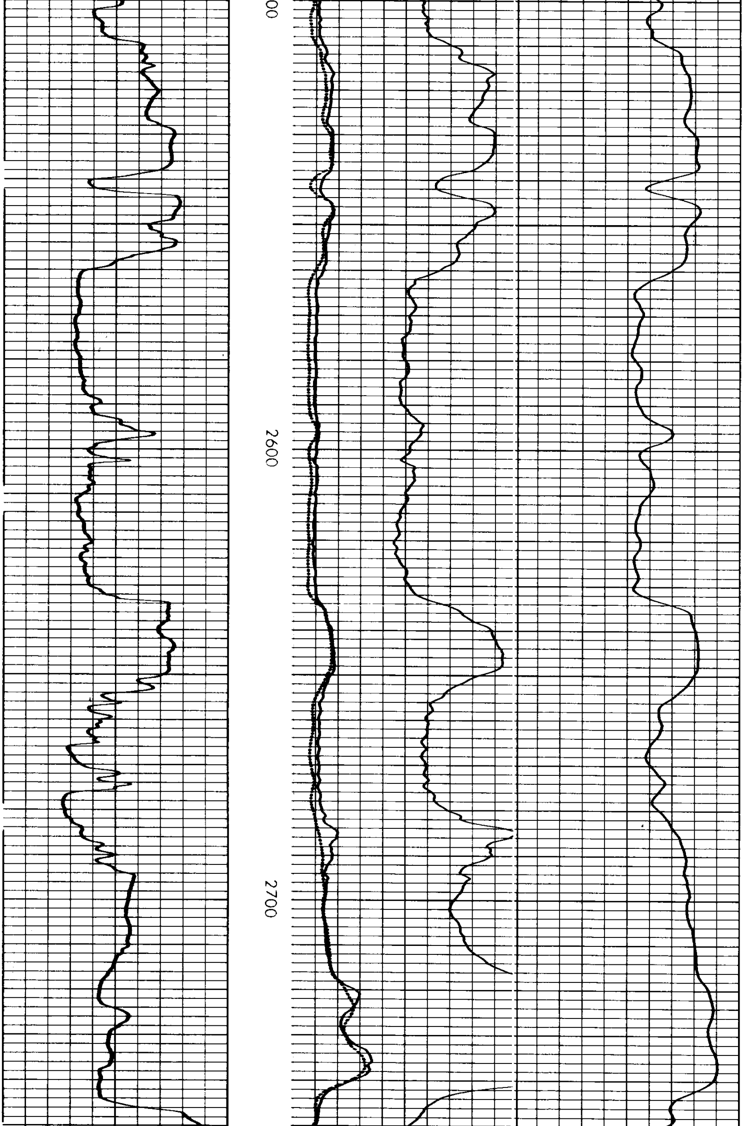


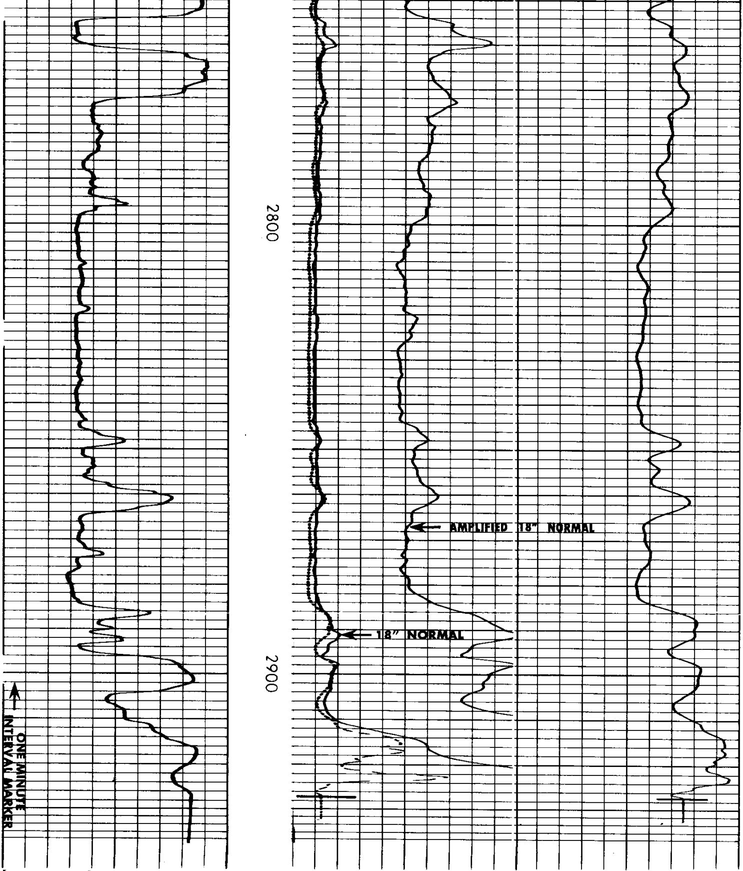












Rmf 1.55 at 116 °F.

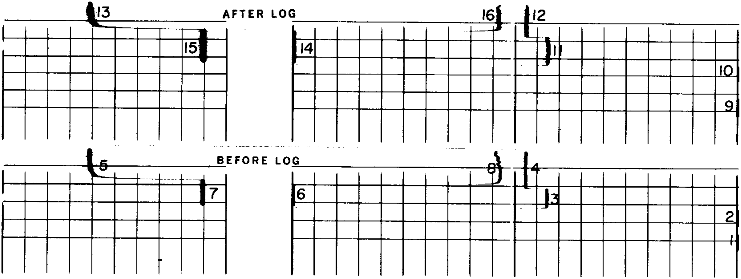
– → 10 ← +

POTENTIAL MILLIVOLTS

0 Induction 30	
0 O.S. 300	
0 18" Normal 30	
0 O.S. 300	1000 Induction 0
0 18" AMP. NORMAL 6	2000 O.S. 1000
RESISTIVITY OHMS M²/M	**CONDUCTIVITY M MHOS/M**

REICHHOLD ENERGY CORPORATION
COLUMBIA COUNTY NO. 3
NEHALEM BASIN
COLUMBIA COUNTY, OREGON

T.D. LOGGED 2927
T.D. DRILLER 2932
T.D. WELEX 2932
ELEV: KB 869.4 GL 858.2



INDUCTION ELECTRIC LOG FIELD CALIBRATIONS

1. RECORDER ZERO — COND
2. LOW REF. – ZERO CALIB.
3. HIGH REF. – INTERNAL CALIB. – BASE OUT
4. HIGH REF + BASE – INTERNAL CAL. BASE IN
5. S.P. BASE
6. RECORDER ZERO – NORMAL AND/OR LATERAL
7. S.P. + 50 M.V.
9. RECORDER ZERO — COND.
10. LOW REF. – ZERO CALIB.
11. HIGH REF. – INTERNAL CALIB. – BASE OUT
12. HIGH REF. + BASE – INTERNAL CAL. BASE IN
13. S.P. BASE
14. RECORDER ZERO – NORMAL AND/OR LATERAL
15. S.P. + 50 M.V.