Welex
5"=100

INDUCTION • ELECTRIC LOG

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY NO.6
FIELD NEHALEM BASIN
County COLUMBIA State OREGON

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WELL COLUMBIA COUNTY NO.6
FIELD NEHALEM BASIN
COUNTY COLUMBIA STATE OREGON

Location
689' SOUTH & 66' WEST OF THE
CENTER OF SECTION:
(W.B.& M.)

Other Services:
DIP
C/AVL

Sec. 10 Twp 6N Rge 5W

Permanent Datum G.L. Elev. 742.41
Log Measured From K.B. OR 11.42 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 753.83
D.F.
G.L. 742.41

Date	7-26-79			
Run No.	ONE			
Depth—Driller	3466			
Depth—Welex	3462			
Btm. Log Inter.	3456			
Top Log Inter.	402			
Casing—Driller	7 @ 401	@	@	@
Casing—Welex	402			
Bit Size	6 1/4			
Type Fluid in Hole	CAUSTIC Q-BROXIN			
Dens. | Visc.	74 | 40	|	|	|
pH | Fluid Loss	9.5 | 5.1 ml	| ml	| ml	| ml
Source of Sample	PIT			
R_m @ Meas. Temp.	2.10 @ 71 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.00 @ 68 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.74 @ 66 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|	|
R_m @ BHT	1.26 @ 118 °F	@ °F	@ °F	@ °F
Time Since Circ.	3 HRS.			
Max. Rec. Temp.	118°F @ BHT.	°F @	°F @	°F @
Equip. | Location	9430 WOODLAND	|	|	|
Recorded By	KENNEDY			
Witnessed By	FRY, CLARE			

Fold Here

Service Ticket No 048889 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	1.26 @118 °F	@ °F
R_{mf} BHT	1.15 @118 °F	@ °F
R_{mc} BHT	1.53 @118 °F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

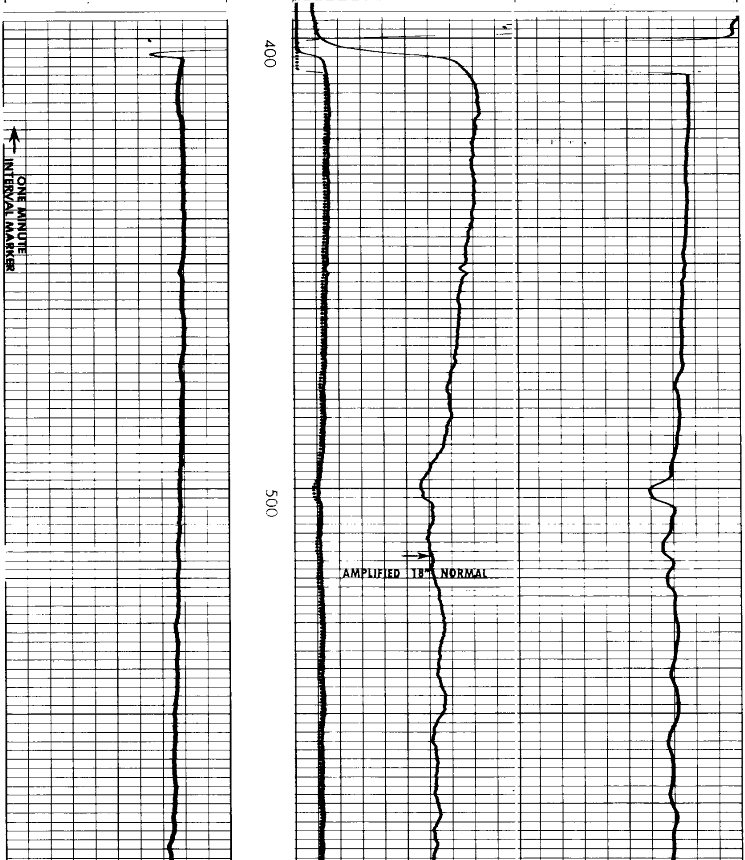
EQUIPMENT DATA

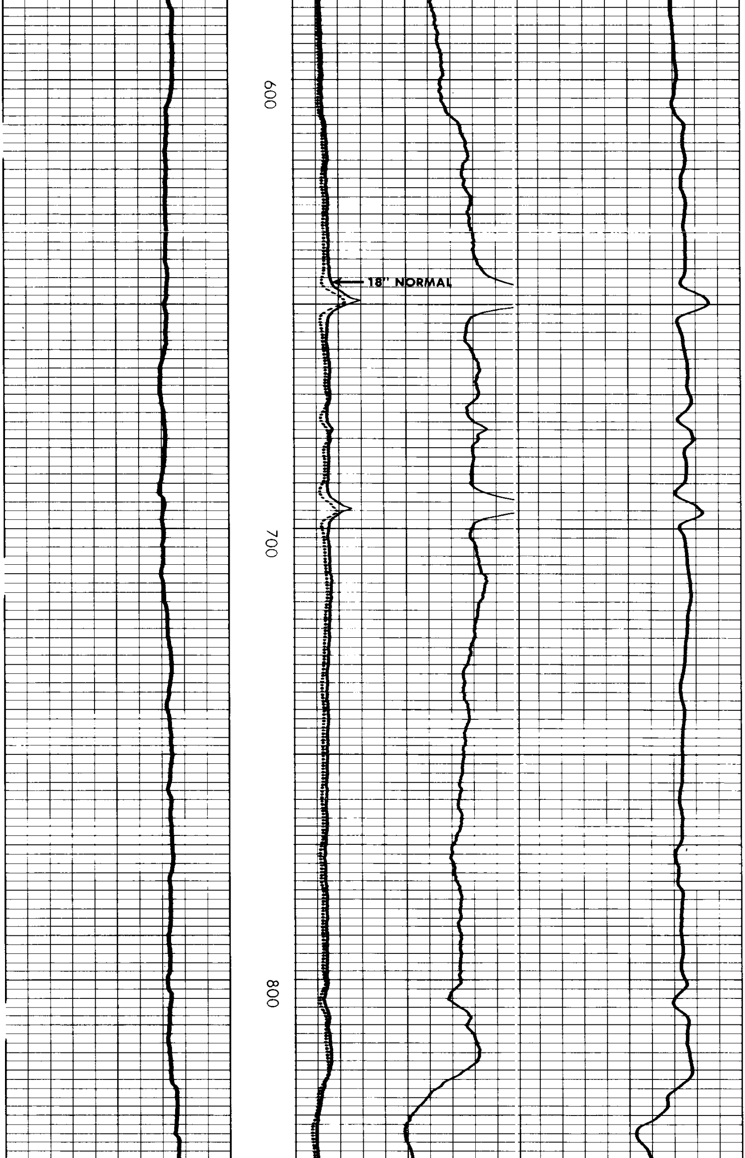
Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	IEL-11242		FREF	

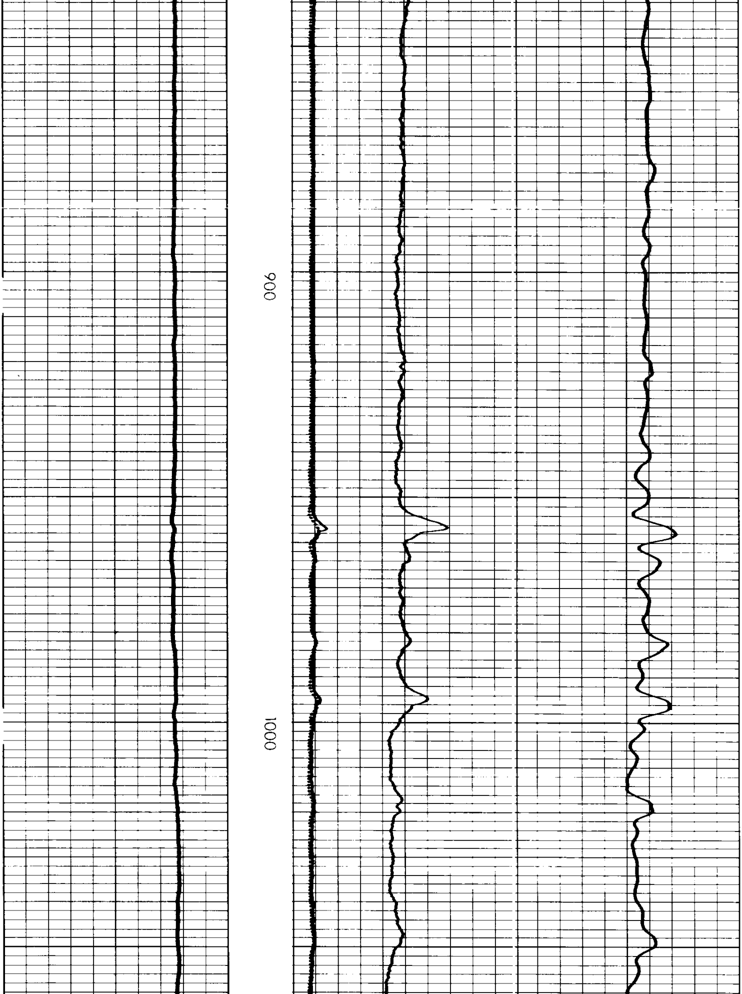
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations 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.

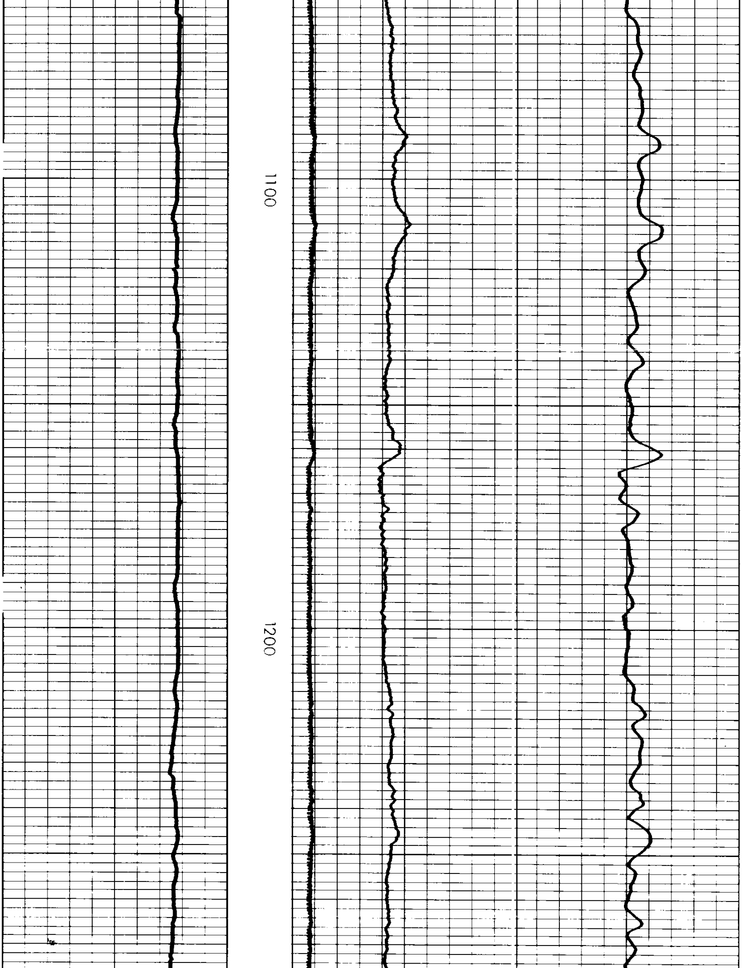
5" = 100'

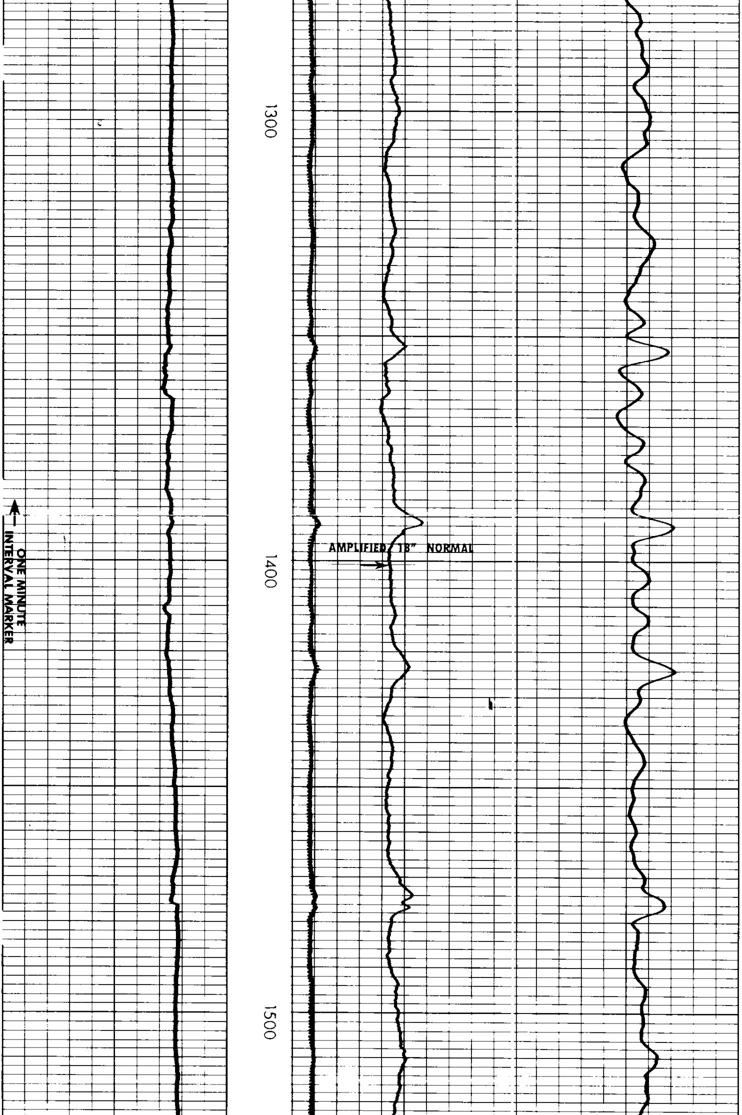
POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M^2/M	CONDUCTIVITY M MHOS/M
− → 10 ← +	0 18" Normal 30	1000 Induction 0
	0 O.S. 300	2000 O.S. 1000
Rmf ______ at ______ °F.	0 18" AMPL NORMAL 6	
	0 Induction 30	
	0 O.S. 300	

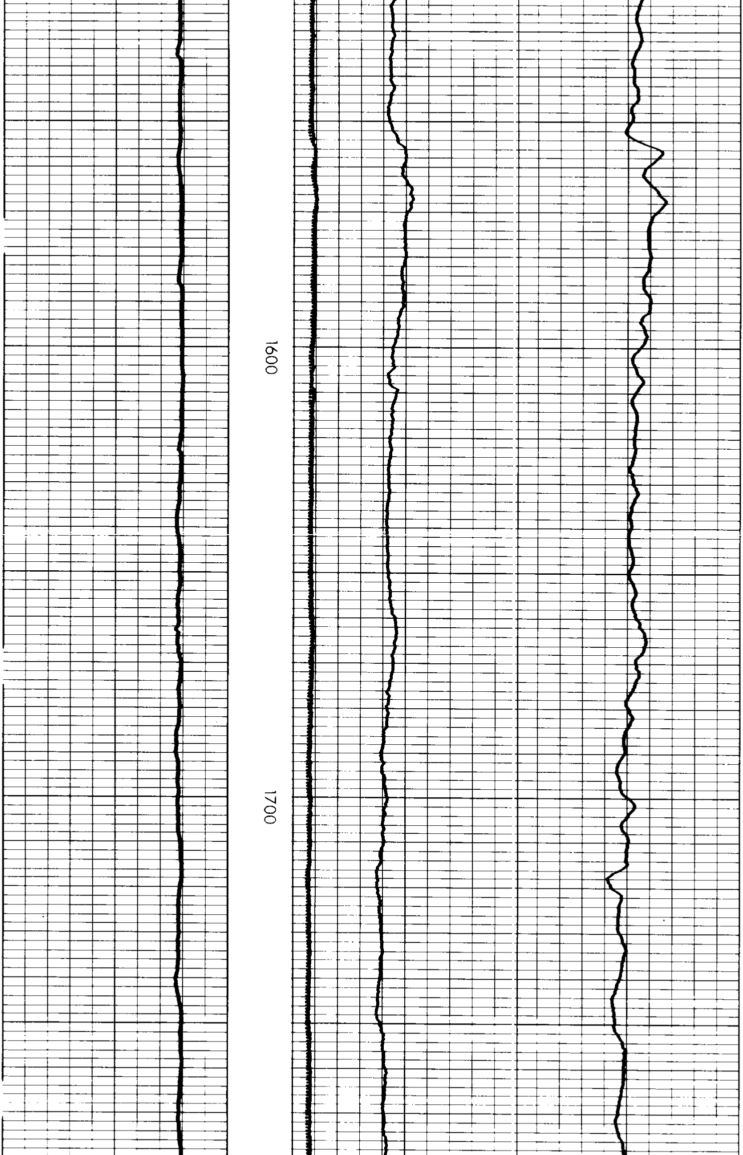


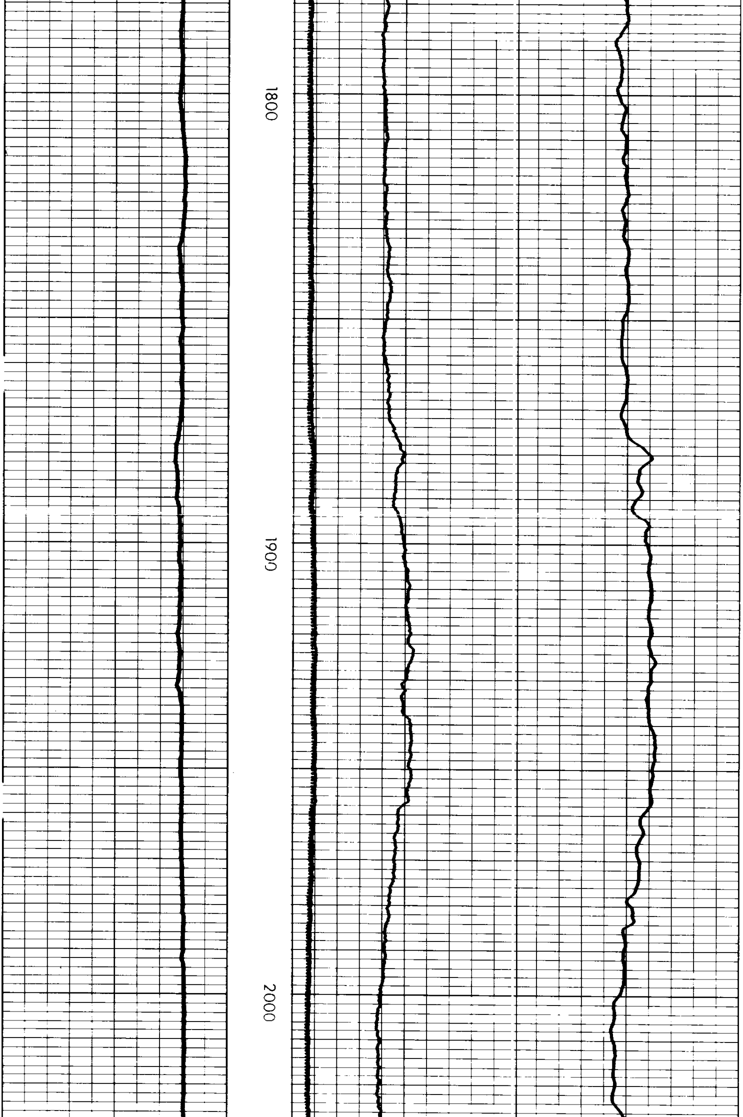


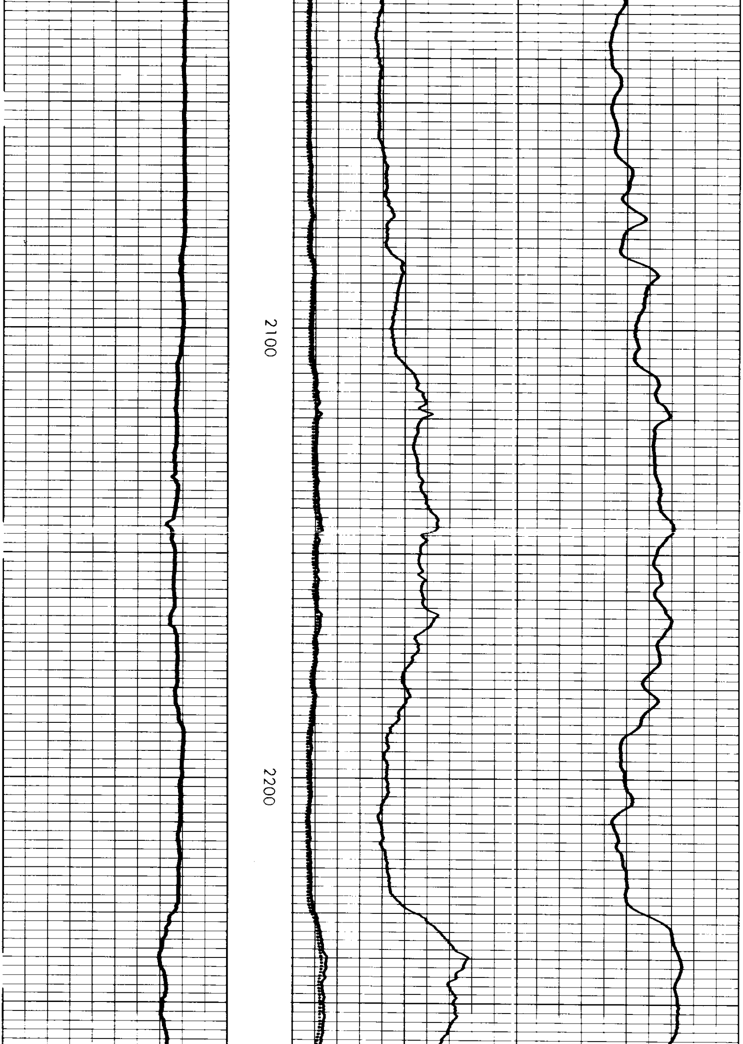


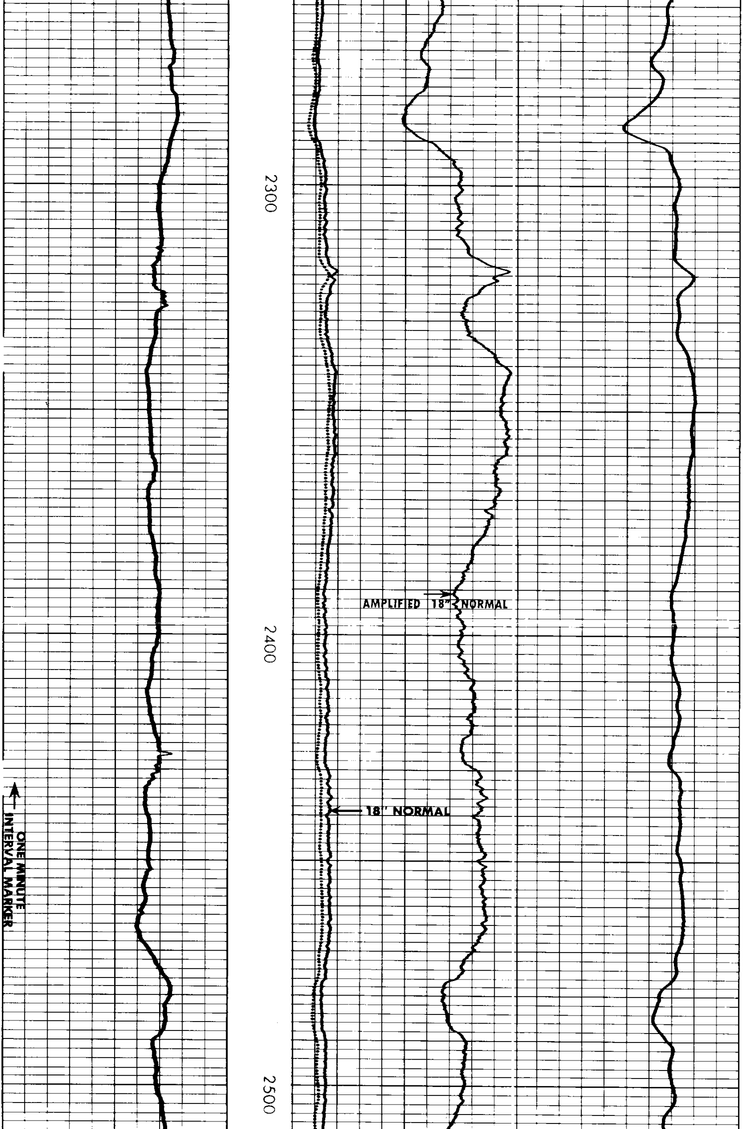


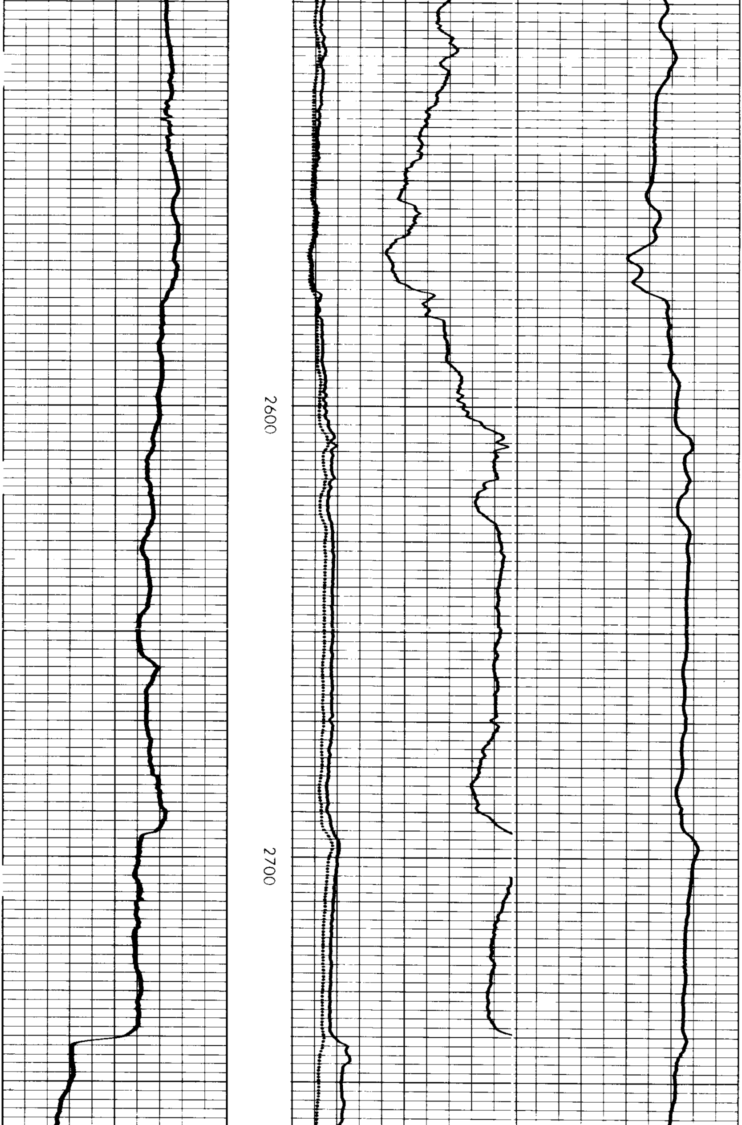


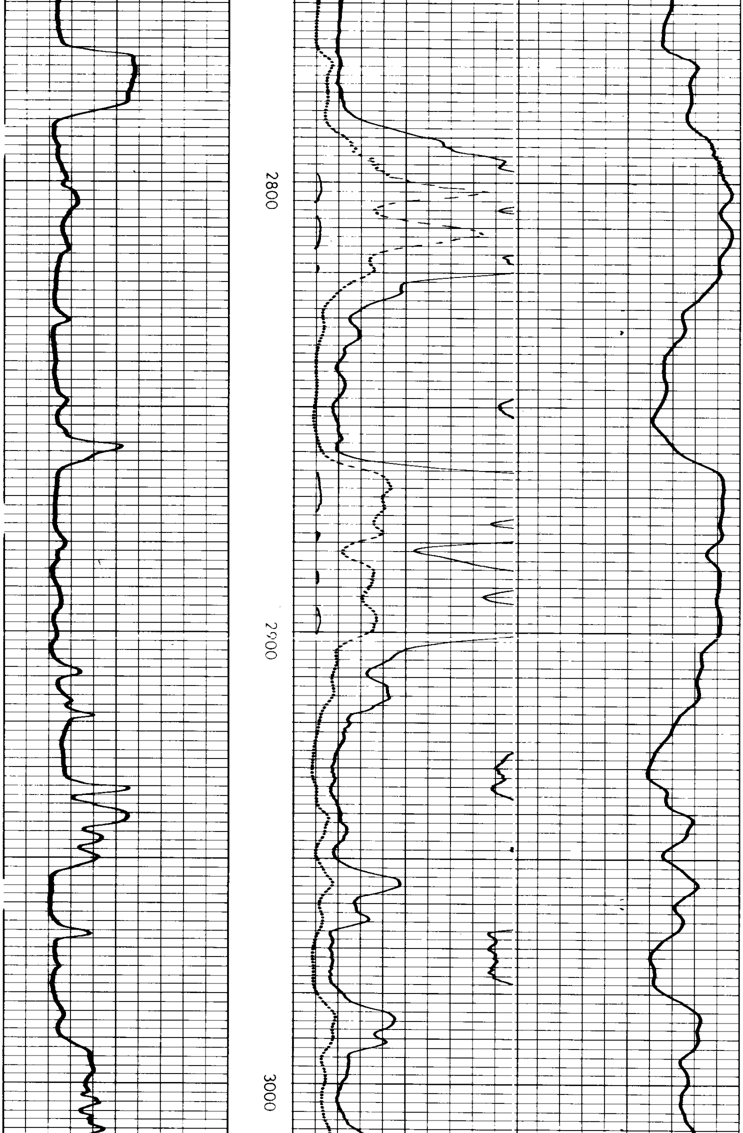


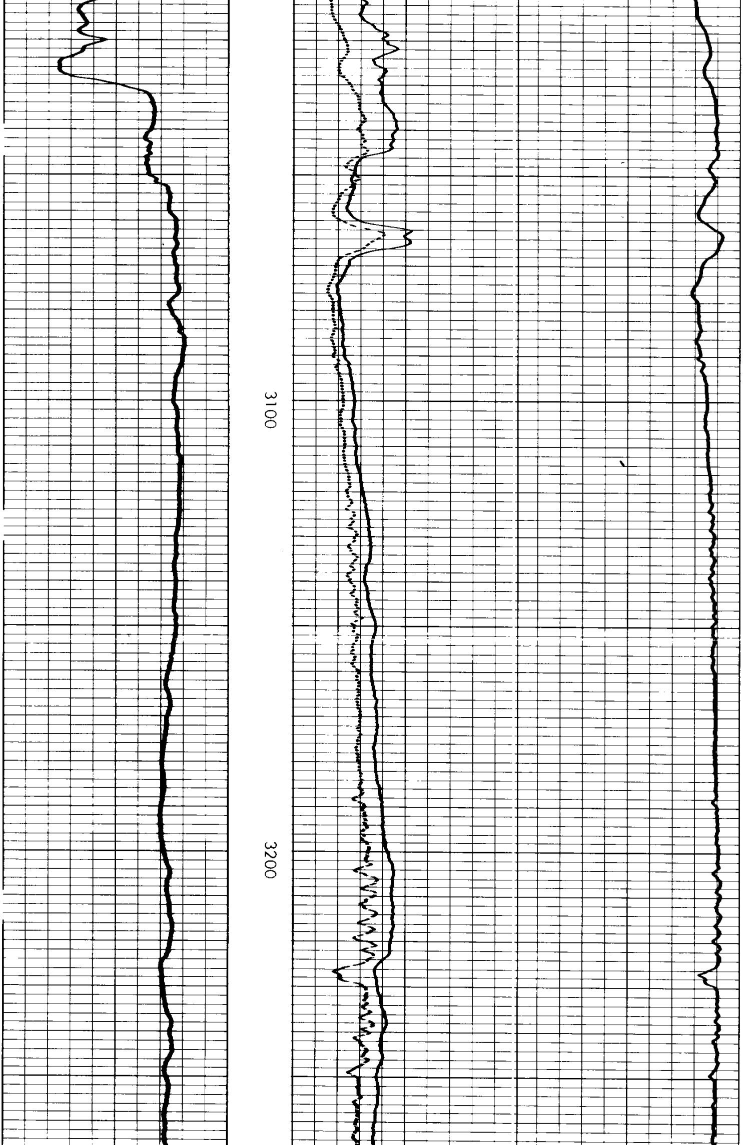


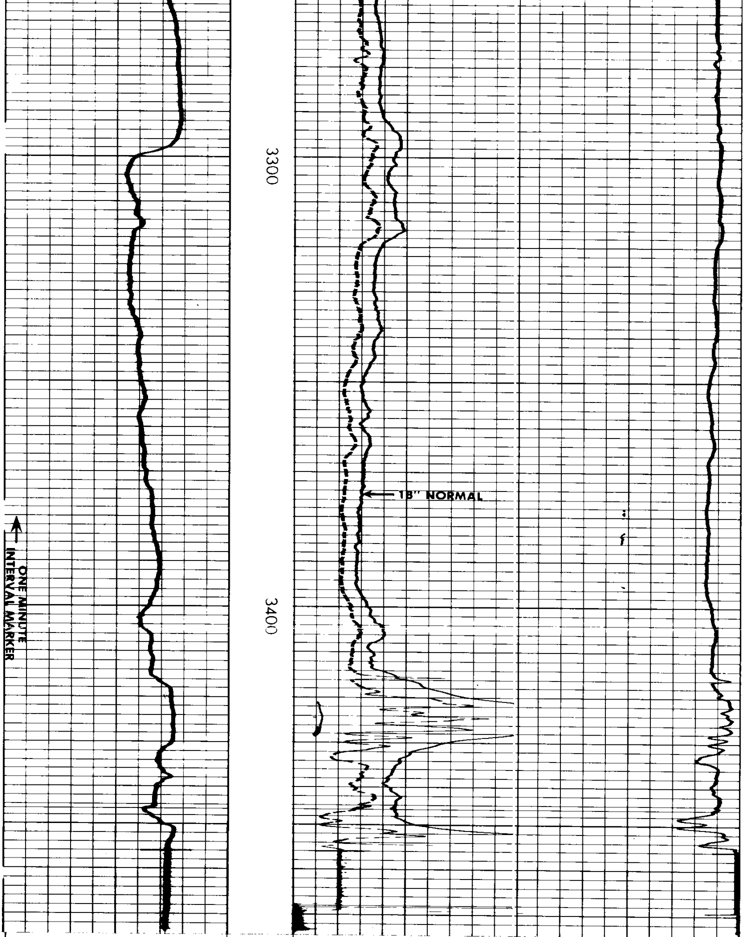












0 Induction 30

0 O.S. 300

0 18" Normal 30

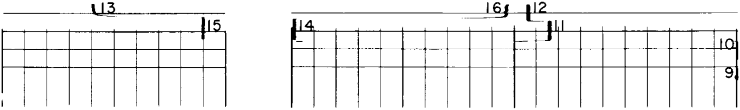
Rmf 1.15 at 118 °F.

	0 O.S. 300	1000 Induction 0
	0 18" AMPL NORMAL 6	2000 O.S. 1000
→ 10 ←		
POTENTIAL MILLIVOLTS	**RESISTIVITY OHMS M^2/M**	**CONDUCTIVITY M MHOS/M**

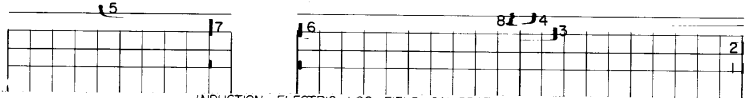
REICHHOLD ENERGY CORPORATION
COLUMBIA COUNTY NO.6
NEHALEM BASIN
COLUMBIA COUNTY, CALIFORNIA

T.D. LOGGED 3456
T.D. DRILLER 3466
T.D. WELEX 3462
ELEV: KB 753.83 GL 642.41

AFTER LOG



BEFORE LOG



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

9. RECORDER ZERO — COND.
10. LOW REF. — ZERO CALIB.
11. HIGH REF — INTERNAL CALIB. — BASE OUT
12. HIGH REF. + BASE - INTERNAL CAL. BASE IN
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14. RECORDER ZERO - NORMAL AND/OR LATERAL