Welex

5"=100'

COMPANY REICHHOLD ENERGY CORPORATION

WELL N.N.G.-MERRILL NO.1

FIELD SALEM HILLS PROS.

County MARION State OREGON

INDUCTION • ELECTRIC LOG

COMPANY REICHHOLD ENERGY CORPORATION

WELL N.N.G.-MERRILL NO.1

FIELD SALEM HILLS PROSPECT

COUNTY MARION STATE OREGON

Location
2280' NORTH & 2899' WEST FROM
THE SOUTHEAST CORNER OF:

Other Services:
DIP
C/AVL

Sec. 24 Twp. 8S Rge. 4W

Permanent Datum G.L. Elev. 892

Log Measured From K.B. OR 14 Ft. Above Perm. Datum

Drilling Measured From K.B.

Elev.: K.B. 906
D.F.
G.L. 892

Date	10-12-75		
Run No.	ONE		
Depth—Driller	5280		
Depth—Welex	5280		
Btm. Log Inter.	5275		
Top Log Inter.	609		
Casing—Driller	9 5/8 @ 608	@	@
Casing—Welex	609		
Bit Size	8 3/4		
Type Fluid in Hole	LIGNOSULF. CLAY BASE		
Dens. | Visc.	85.5 | 140	|	|
pH | Fluid Loss	10.4 | 5.7 ml	| ml	| ml
Source of Sample	CIRCULATED		
R_m @ Meas. Temp.	1.18 @ 112°F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.00 @ 76°F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.20 @ 60°F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|
R_m @ BHT	1.10 @ 120F	@ °F	@ °F
Time Since Circ.	3 HRS.		
Max. Rec. Temp.	120°F @ BHT.	°F @	°F @
Equip. | Location	8586 | WOODLAND	|	|
Recorded By	MR. FRANKLIN, MR. KENNEDY		
Witnessed By	MR. McBURNIE		

Fold Here

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	1.10 @ 120F	@ °F
R_{mf} BHT	0.63 @ 120F	@ °F
R_{mc} BHT	1.10 @ 120F	@ °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-13552		FREE	

Service Ticket No. 120282 Remarks:

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 ← +

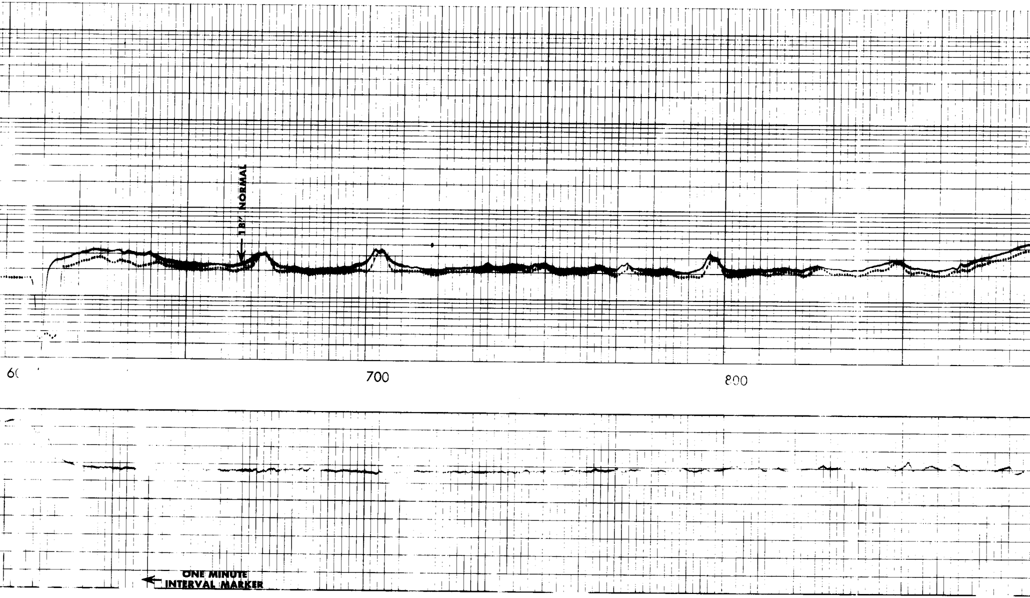
Rmf 1.00 at 76 °F.

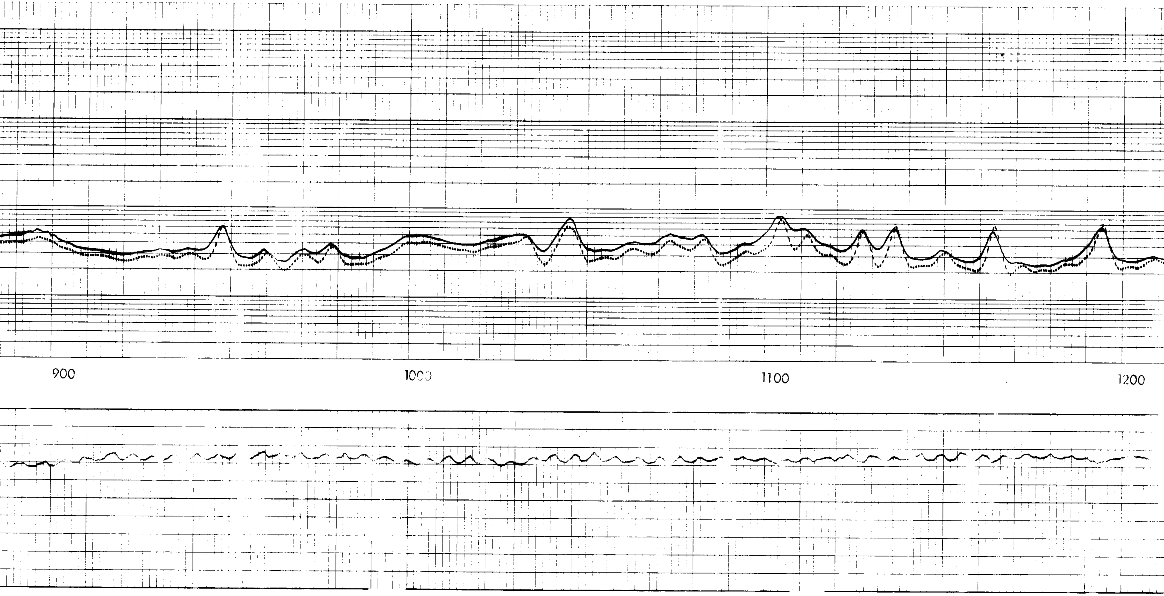
RESISTIVITY OHMS M²/M

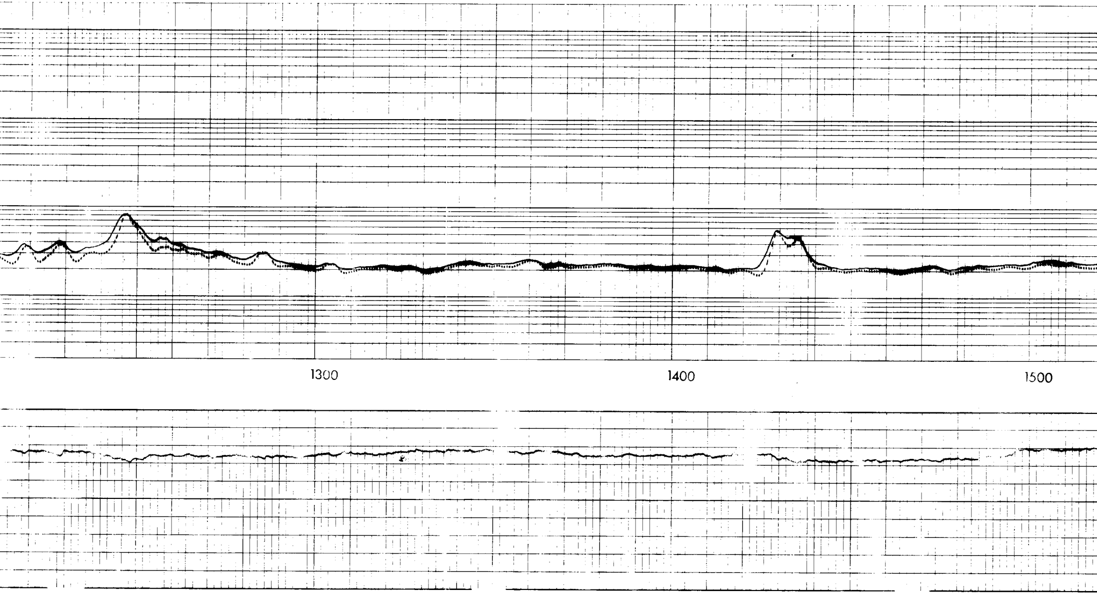
INDUCTION RESISTIVITY

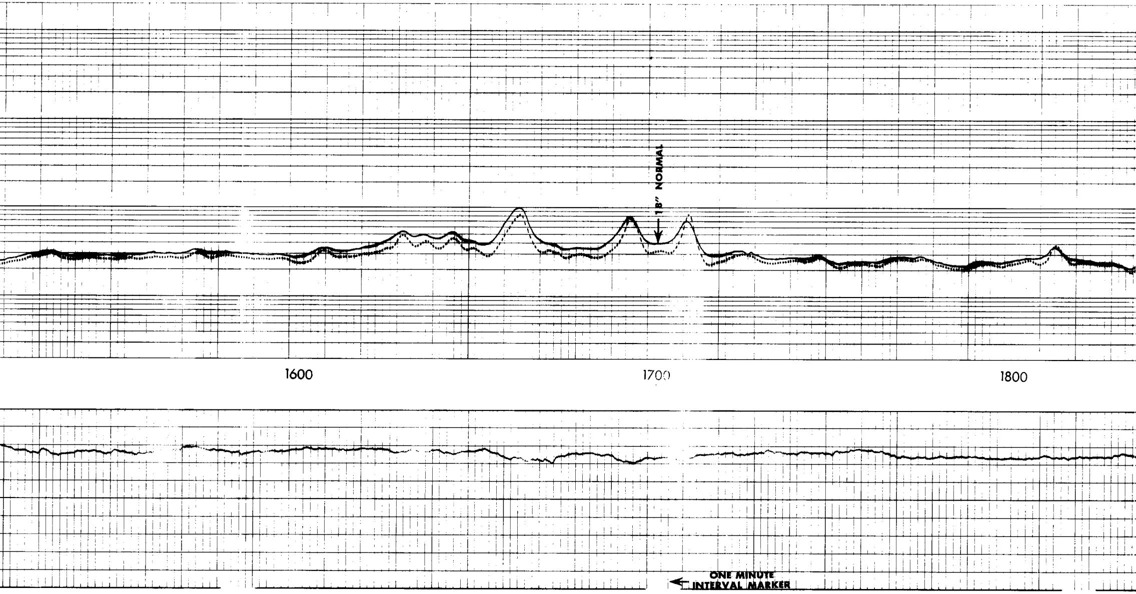
18" NORMAL

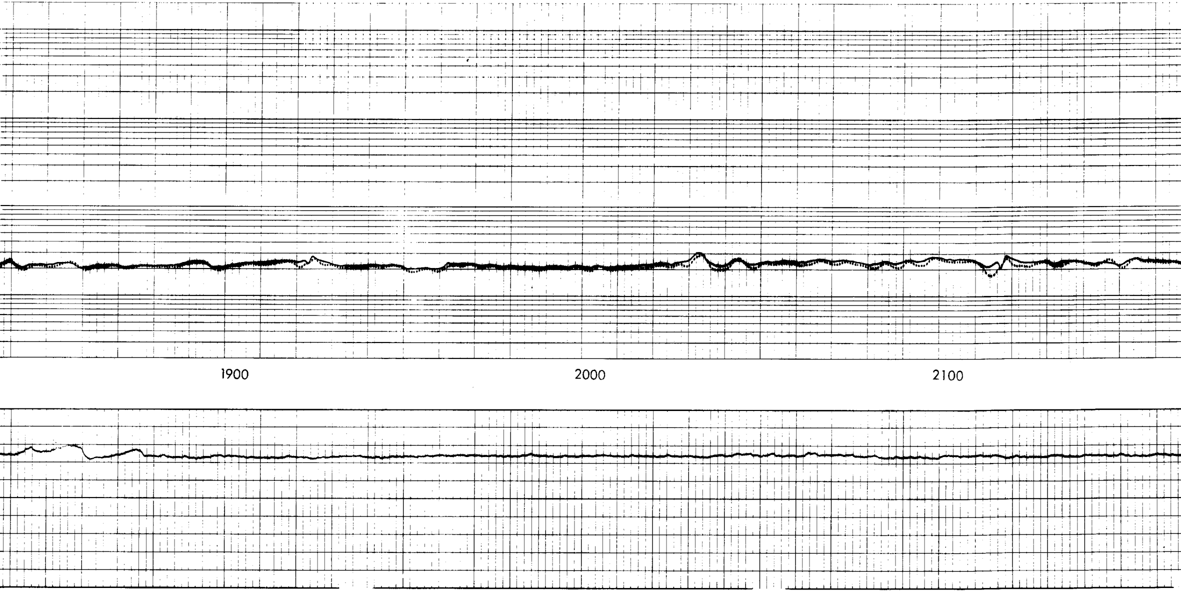
.2 .5 1 2 5 10 20 50 100 200 500 1000 2000

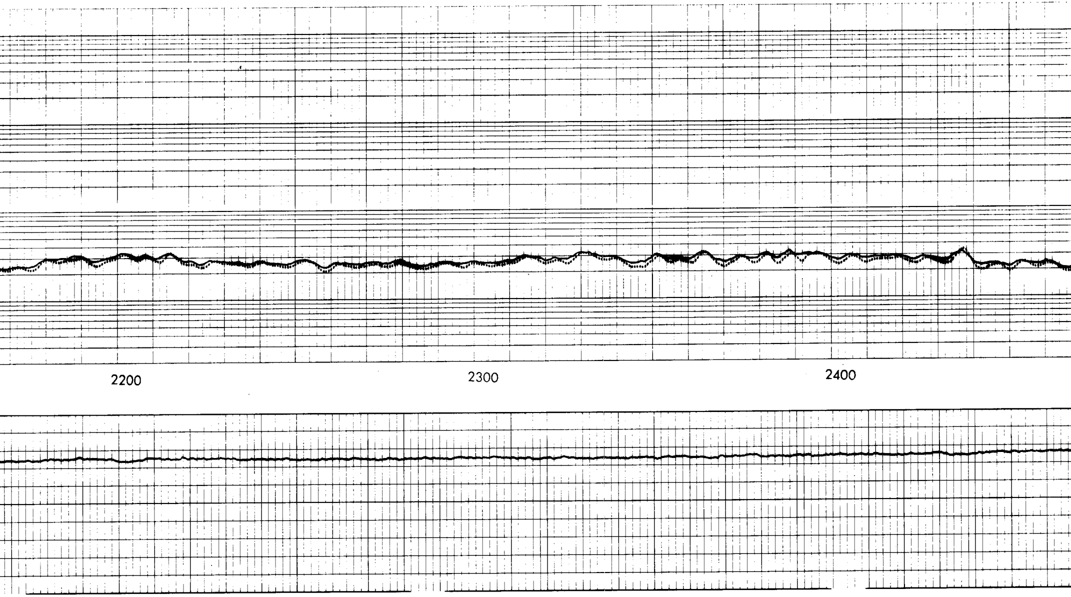


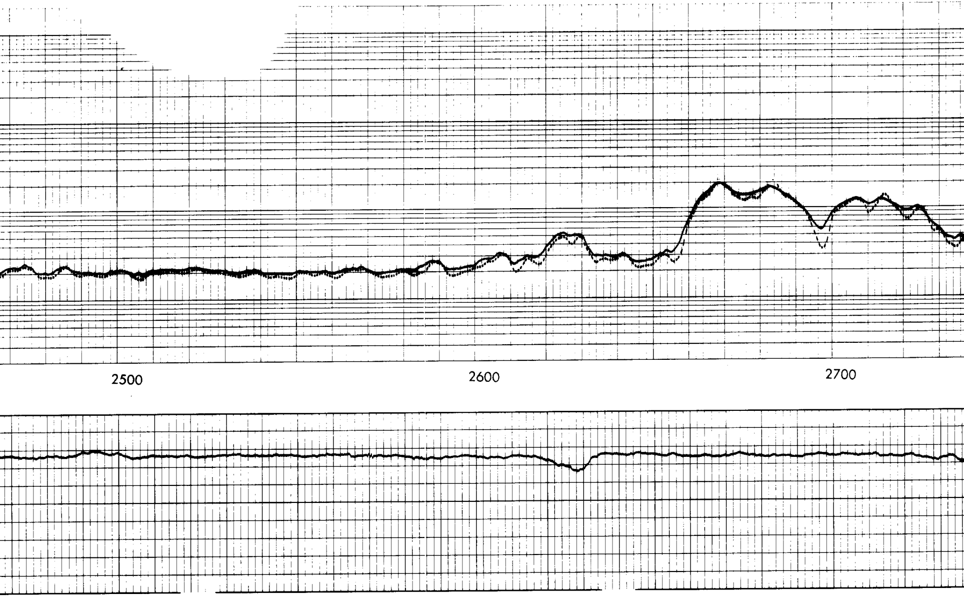


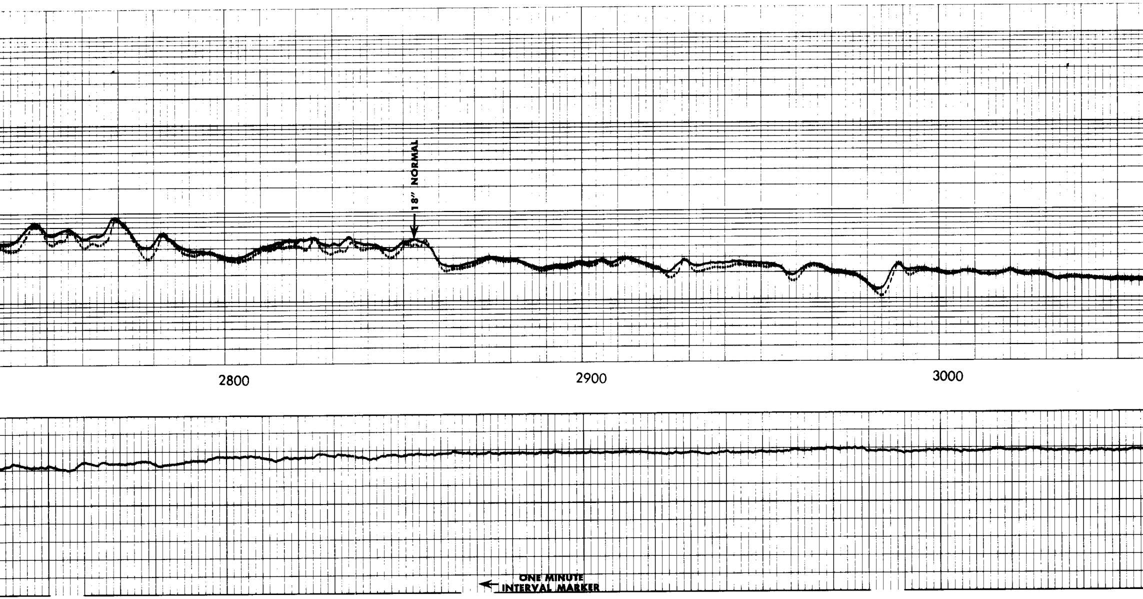


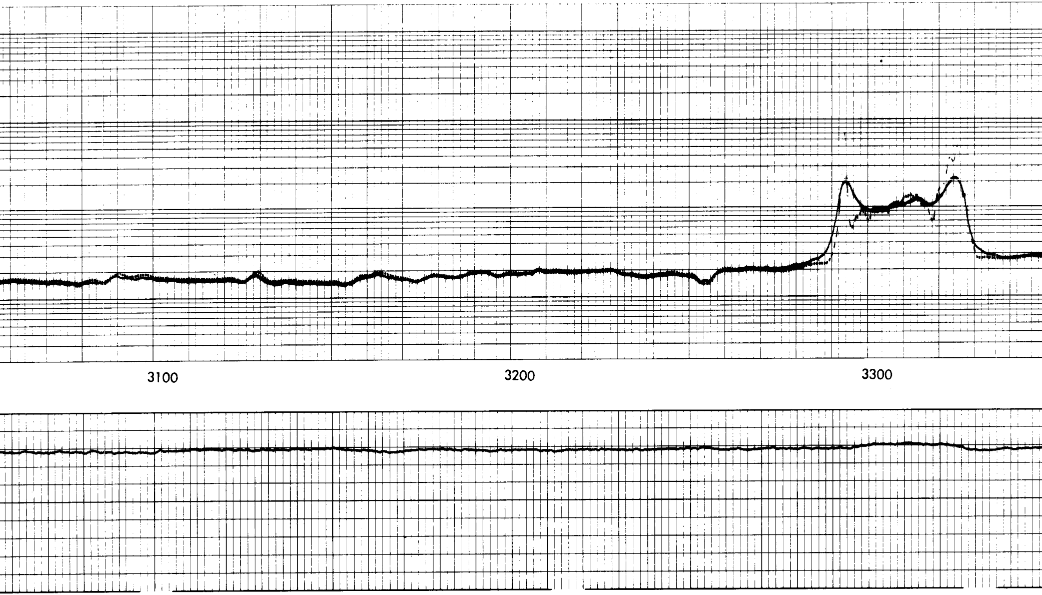


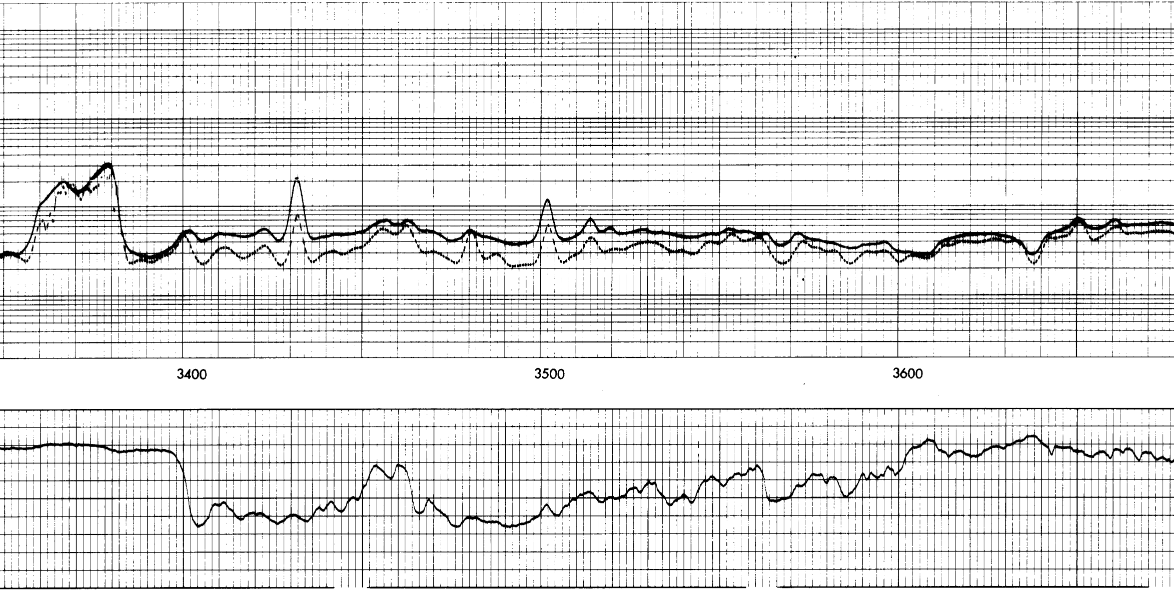


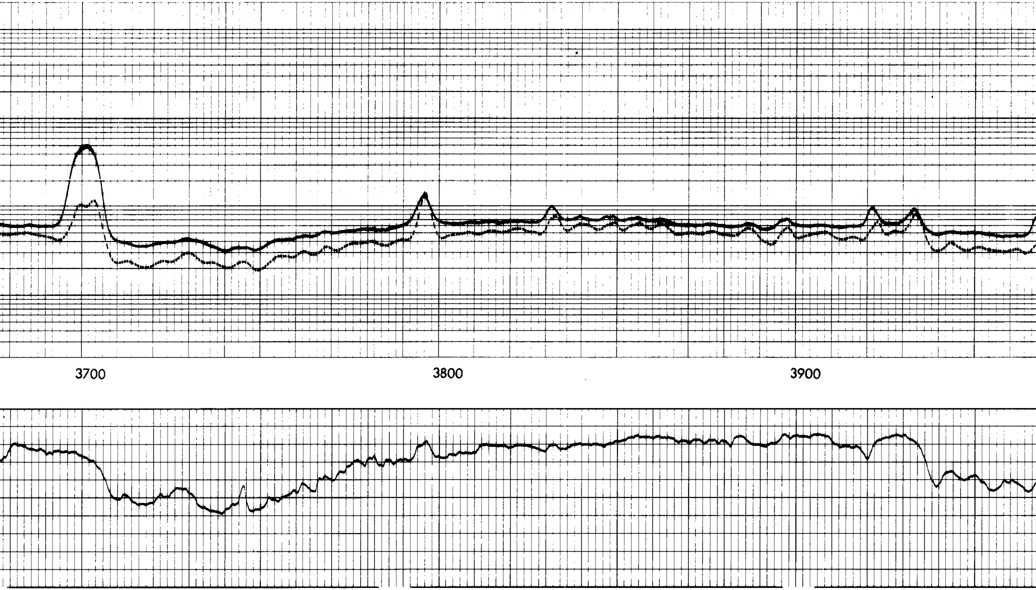


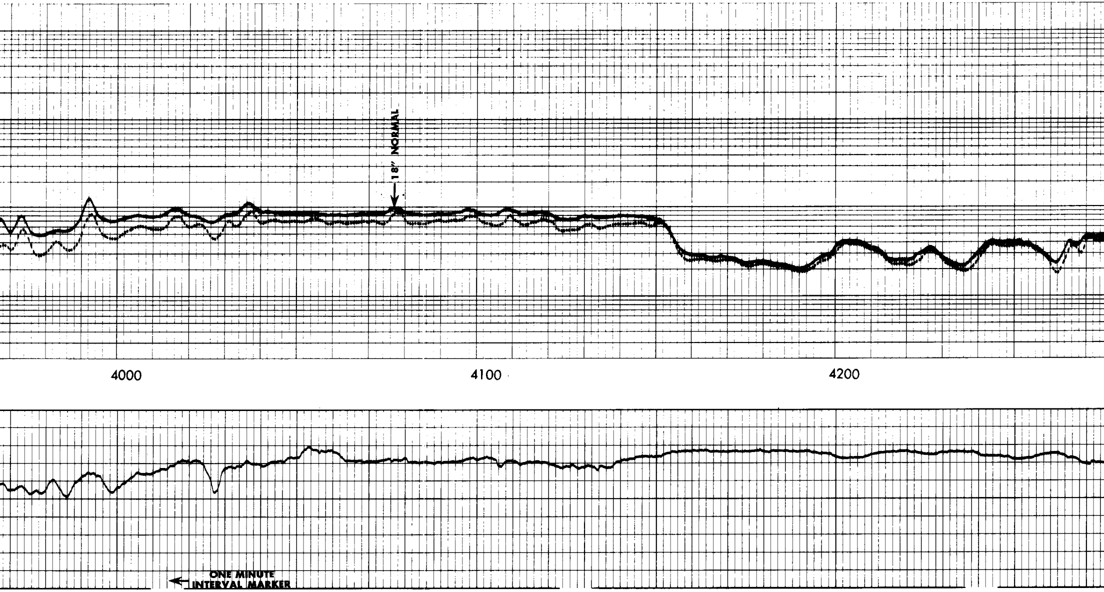


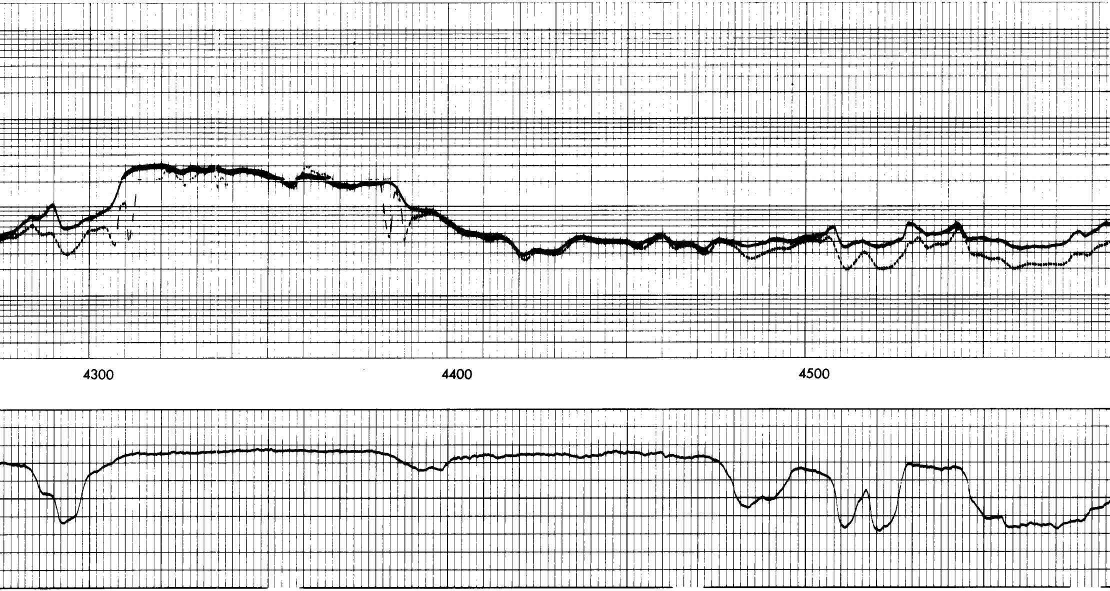


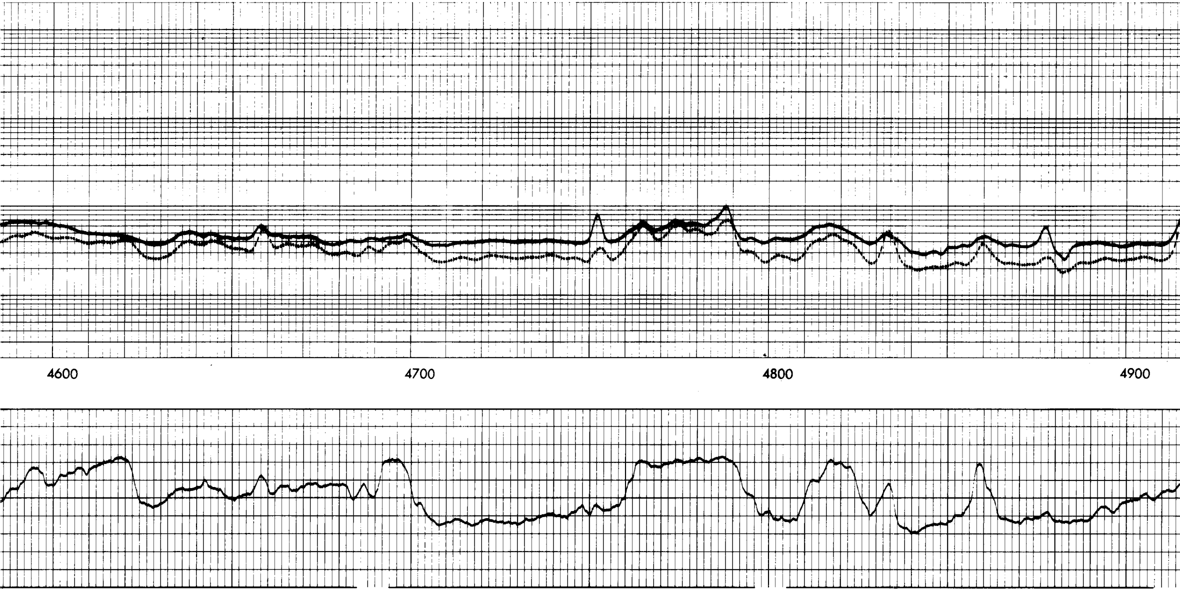


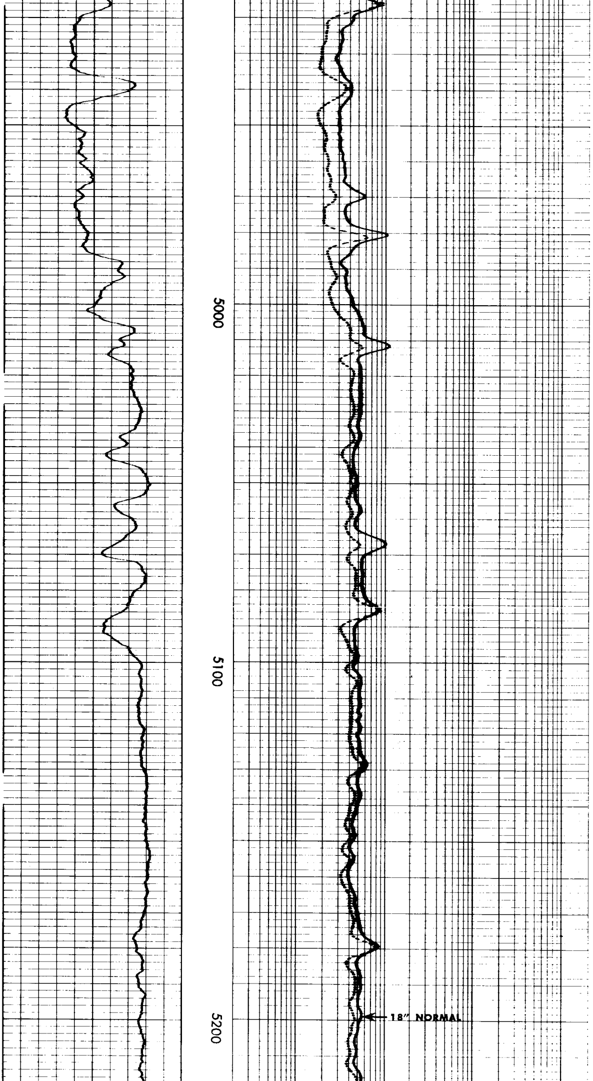


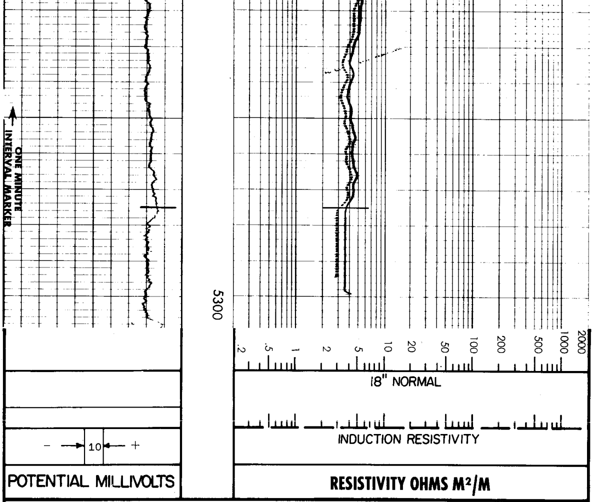






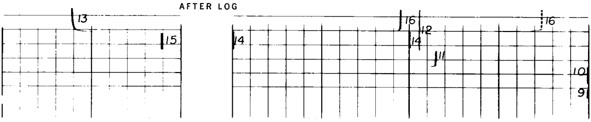


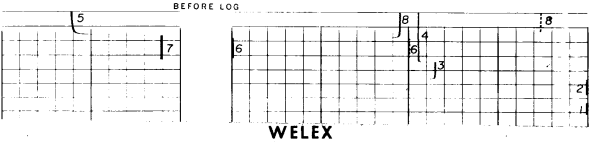




Rmf 1.00 at 76 °F.
REICHHOLD ENERGY CORPORATION
N.N.G.-MERRILL NO.1
SALEM HILLS PROSPECT
MARION COUNTY, OREGON

T.D. LOGGED 5275
T.D. DRILLER 5280
T.D. WELEX 5280





WELEX

A Halliburton Company

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.
8. NORMAL AND/OR LATERAL REFERENCE
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.
16. NORMAL AND/OR LATERAL REFERENCE

1 THRU 8 — BEFORE LOG
9 THRU 16 — AFTER LOG
ALL SENSITIVITIES AT LOG SCALES,
EXCEPT AS NOTED