CC 15-02-65 RD1

Welex

5"=100'

DUAL INDUCTION GUARD LOG

WITH 2" LINEAR CORRELATION LOG

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY 13-2 RD 1
FIELD MIST NEHALEM BASIN
County COLUMBIA State OR.

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY 13-2 RD.1
FIELD MIST NEHALEM BASIN
COUNTY COLUMBIA STATE OREGON

Location
1626' NORTH & 629' EAST OF
SOUTHWEST CORNER:
Sec. 2 Twp. 6N Rge. 5W

Other Services:
DIP

Permanent Datum G.L. Elev. 1020.83
Log Measured From K.B. 10.5 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 1031.33
D.F.
G.L. 1020.83

RECEIVED PTLD
OCT 5 1980
DEPT OF GEOLOGY & MINERAL

Date	8-9-80			
Run No.	ONE			
Depth—Driller	3823			
Depth—Welex	3820			
Btm. Log Inter.	3818			
Top Log Inter.	407			
Casing—Driller	7 @ 403	@	@	@
Casing—Welex	407			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNO-SULF MUD			
Dens. I Visc.	73 I 40	I	I	I
pH I Fluid Loss	10.0 I 5.4 ml	I ml	I ml	I ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	1.58 @ 74 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.65 @ 94 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.65 @ 90 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	I	I	I
R_m @ BHT	@BHT °F	@ °F	@ °F	@ °F
Time Since Circ.	1 1/2 HRS.			
Max. Rec. Temp.	132 °F @BHT	°F @	°F @	°F @
Equip. I Location	2876 I WDLD	I	I	I
Recorded By	J. PARMELEE			
Witnessed By	MR. BRUER			

Fold Here

Service Ticket No. 055076 Remarks:

Change in Mud Type or Additional Samples

Date | Sample No.	I	I
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.	I	I
ph | Fluid Loss	I ml	I
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}	I	I
R_m @ BHT	0.88 @ 132 °F	@ °F
R_{mf} BHT	1.80 @ 132 °F	@ °F
R_{mc} BHT	1.82 @ 132 °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 21674		1 1/2 O.S.	

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 ← +

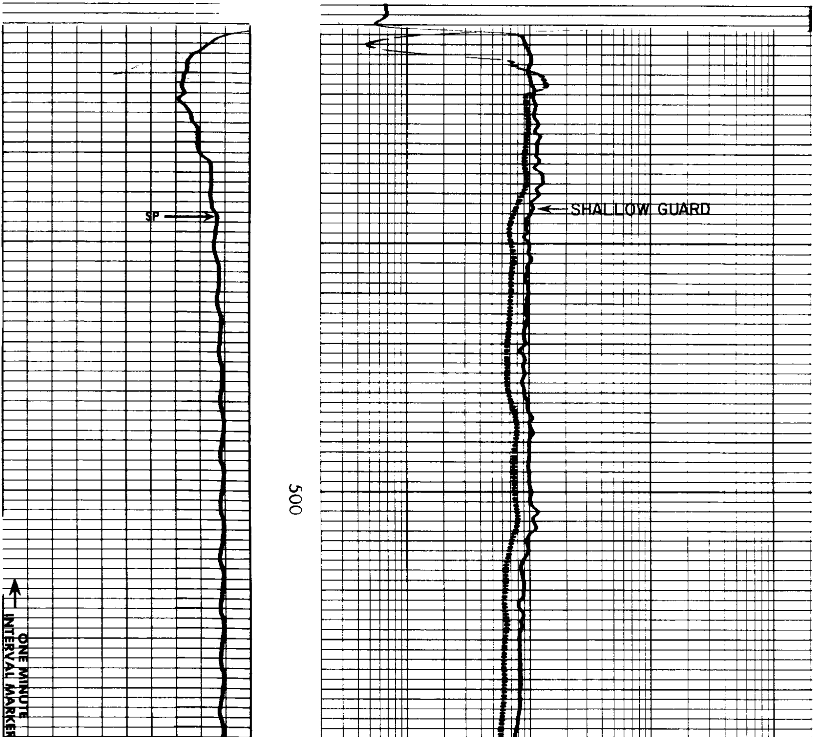
RESISTIVITY OHMS M²/M

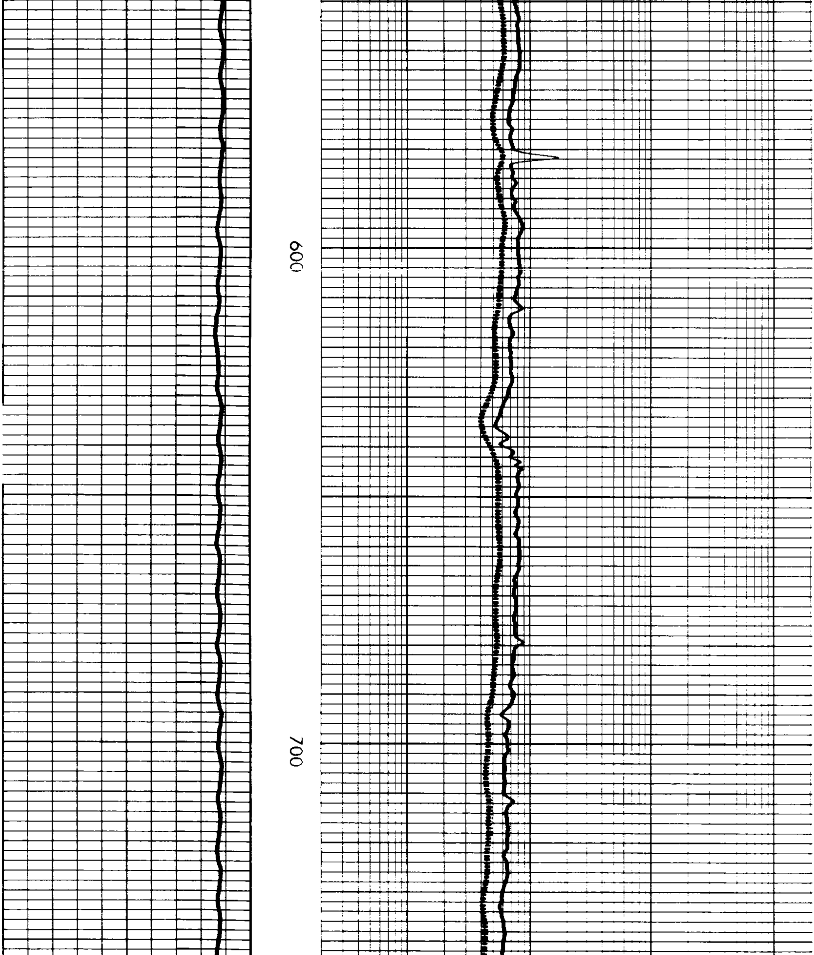
DEEP INDUCTION

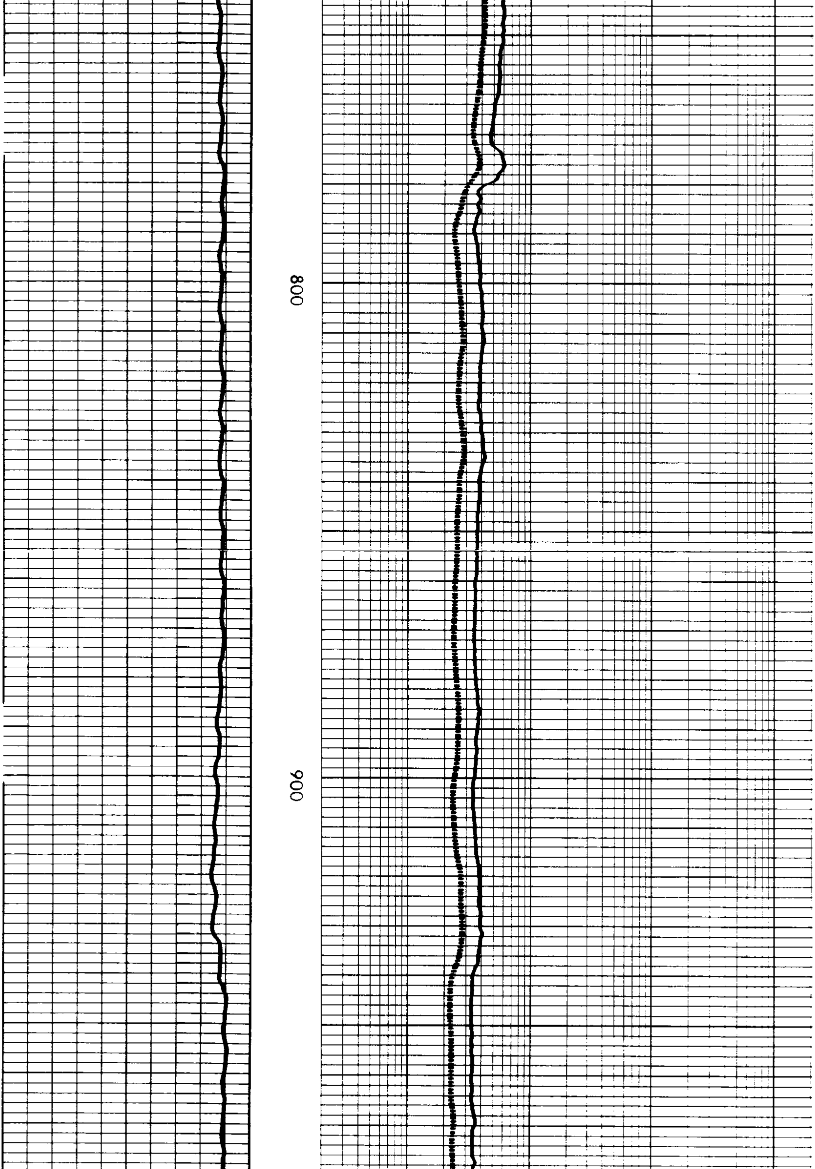
MEDIUM INDUCTION

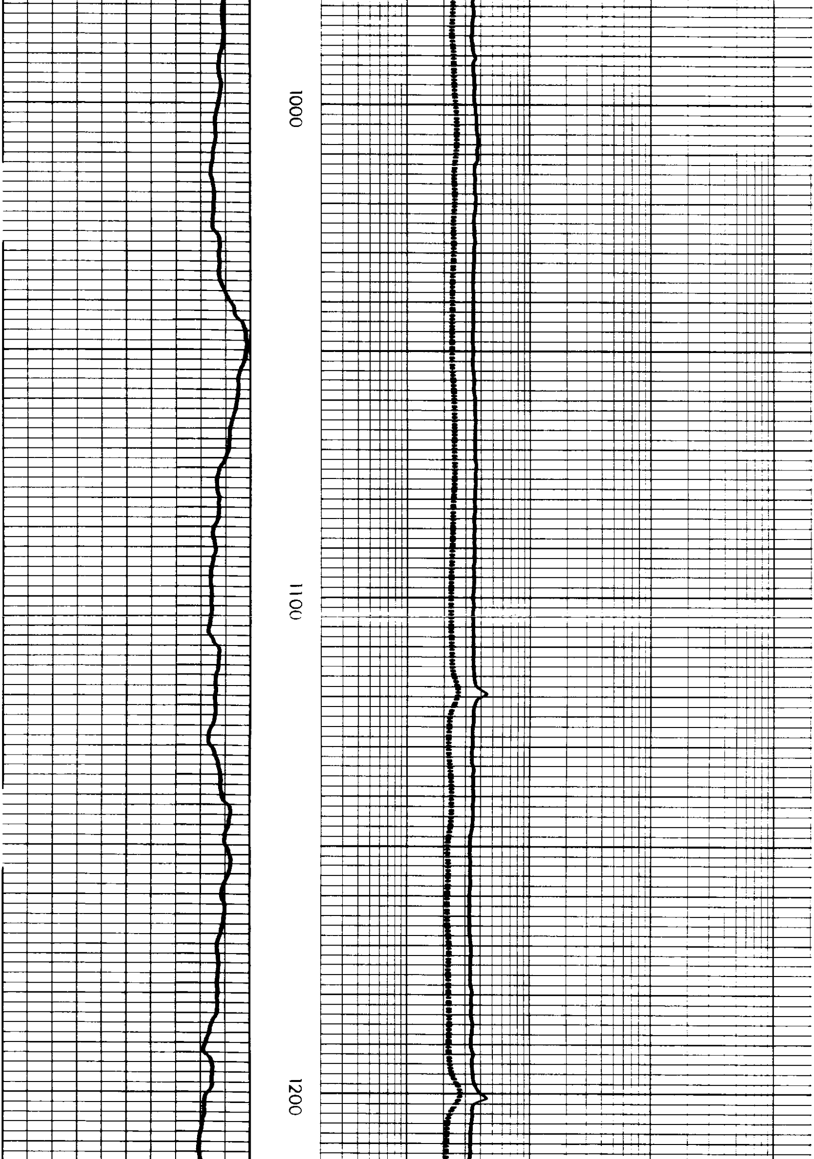
SHALLOW GUARD

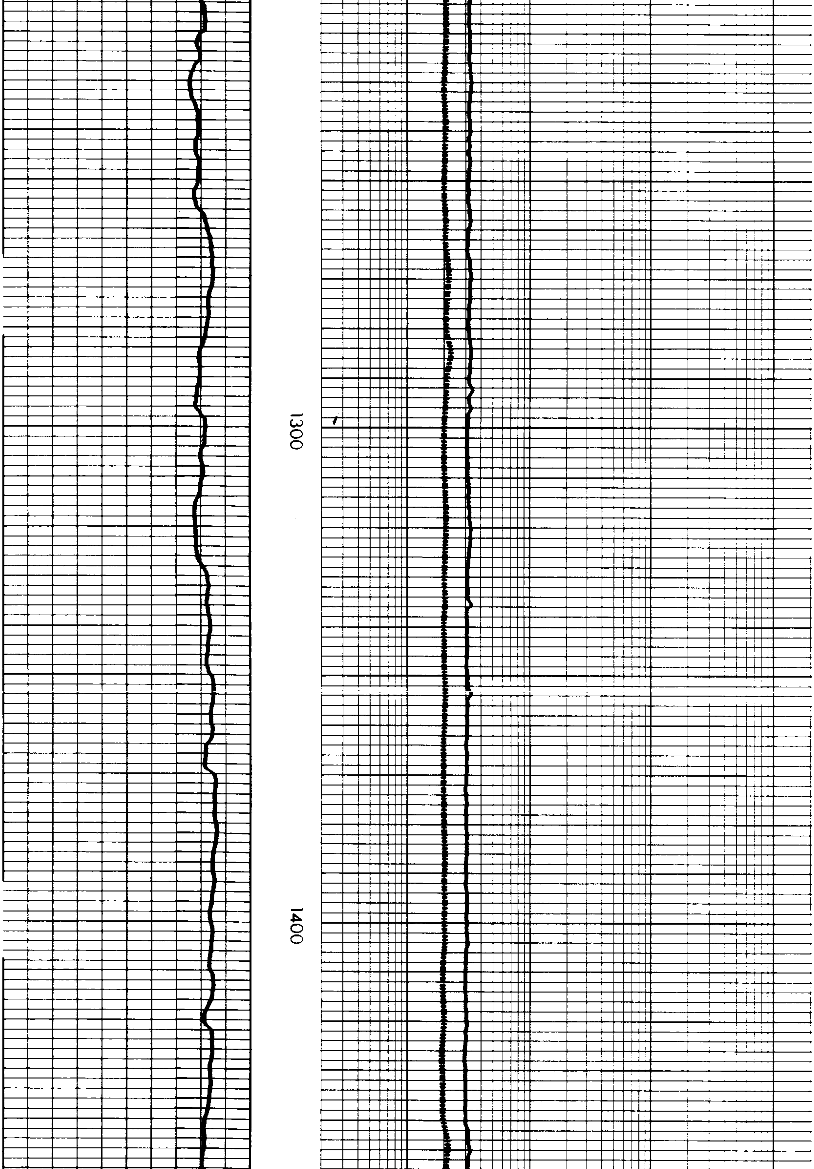
.2 .5 1 2 5 10 20 50 100 200 500 1000 2000

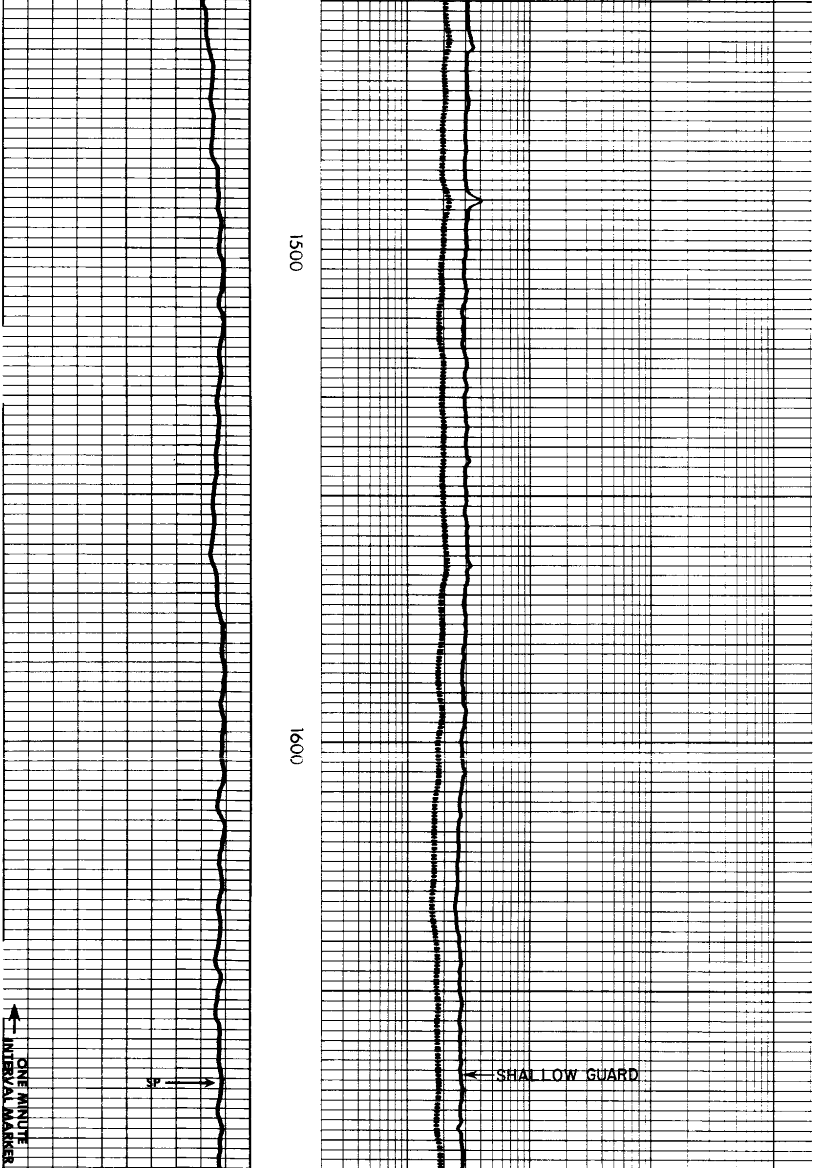


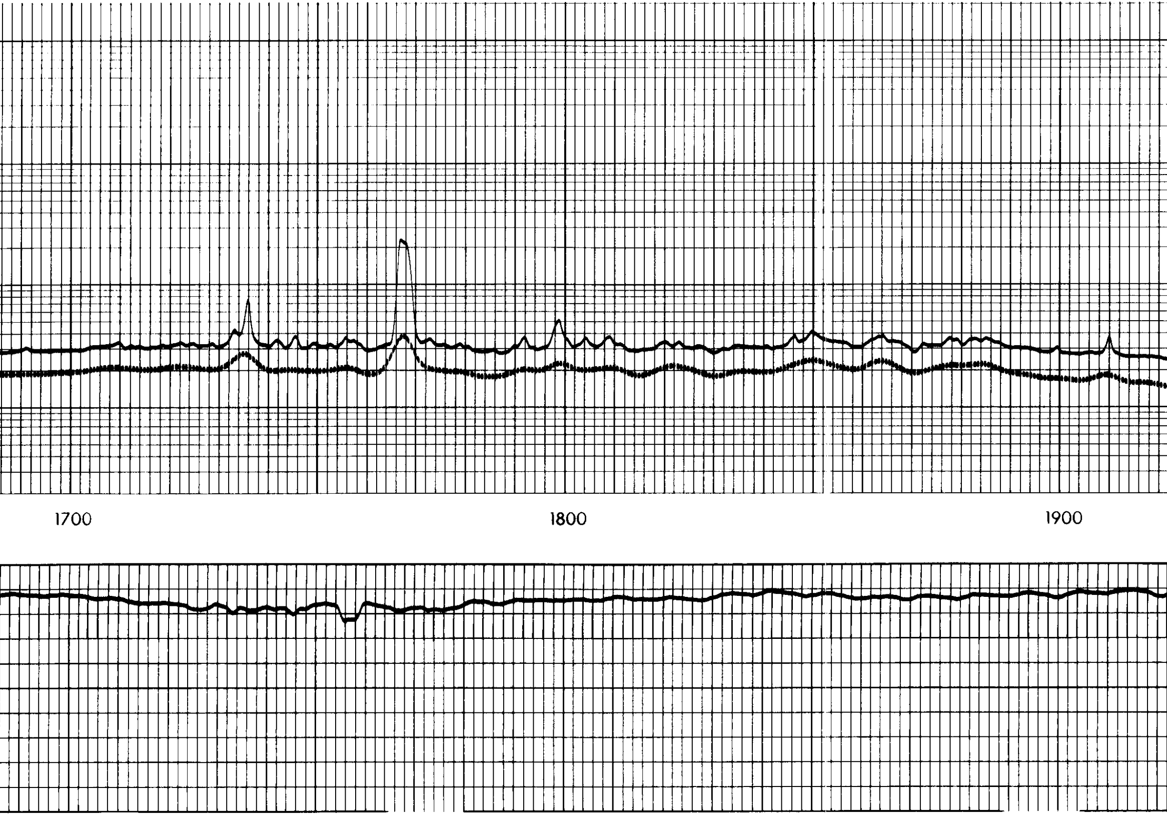


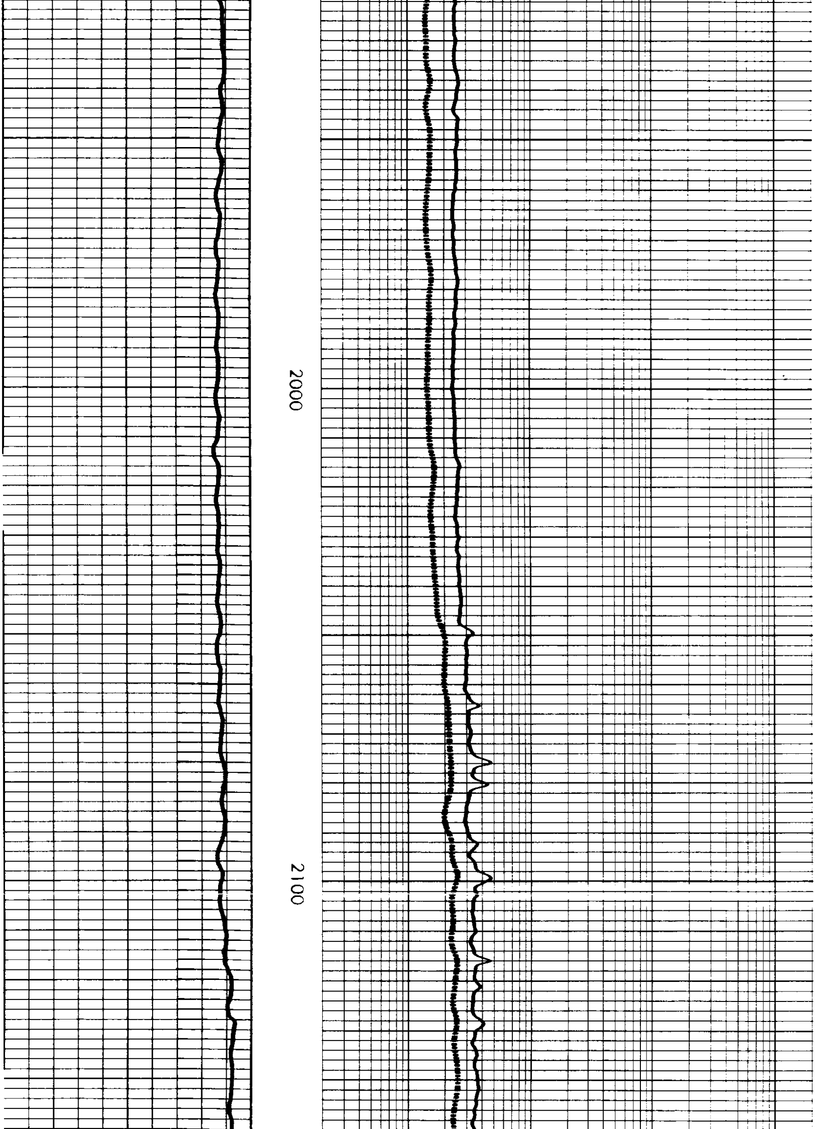


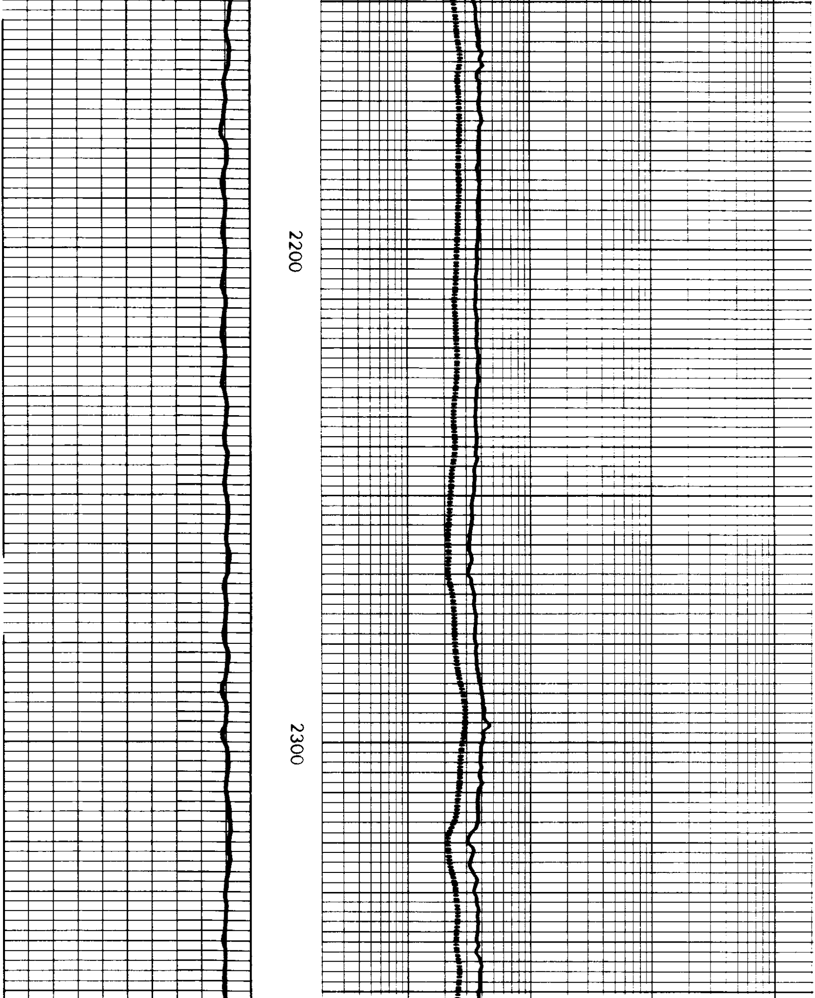


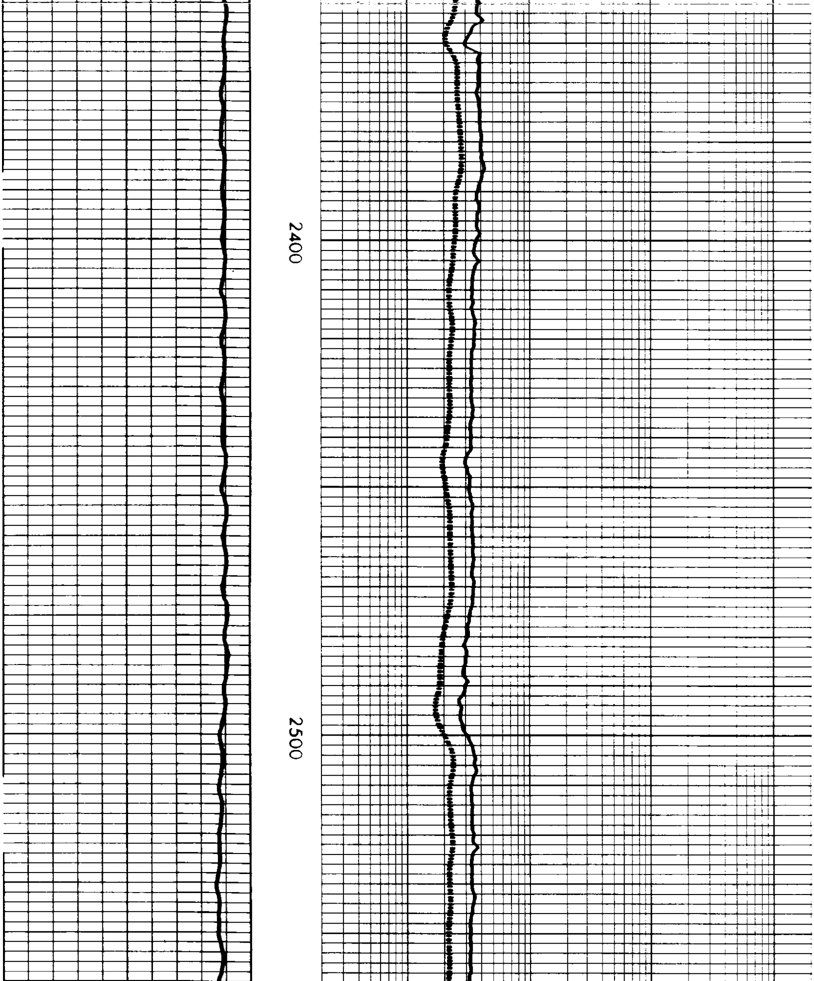


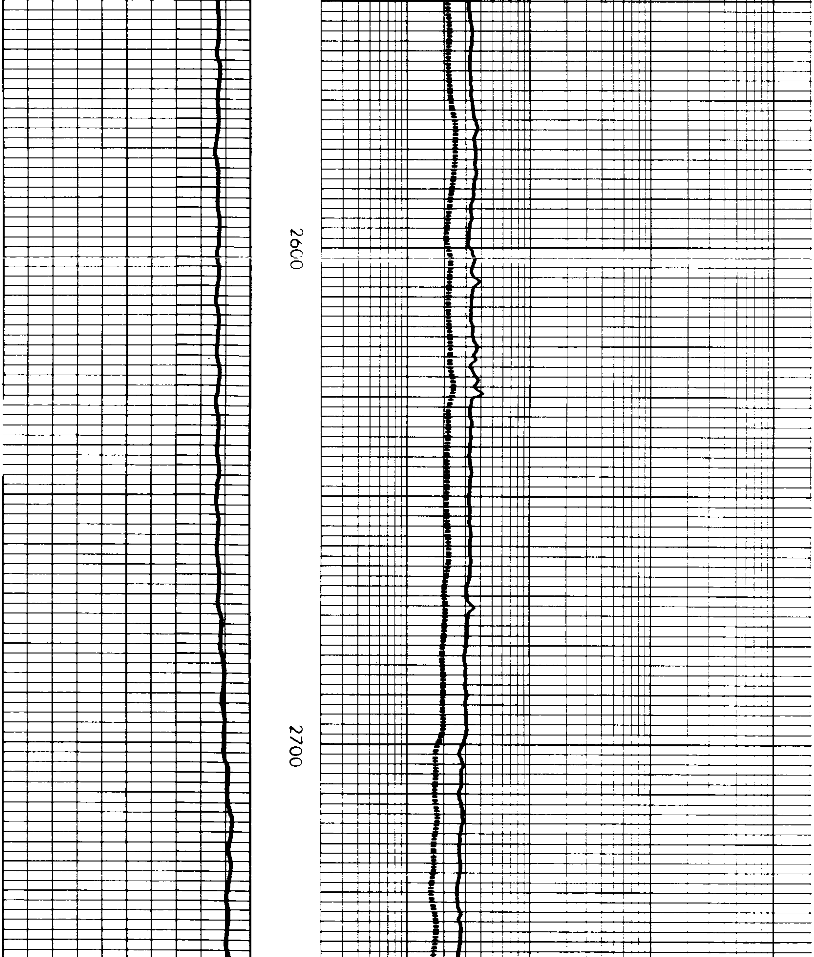


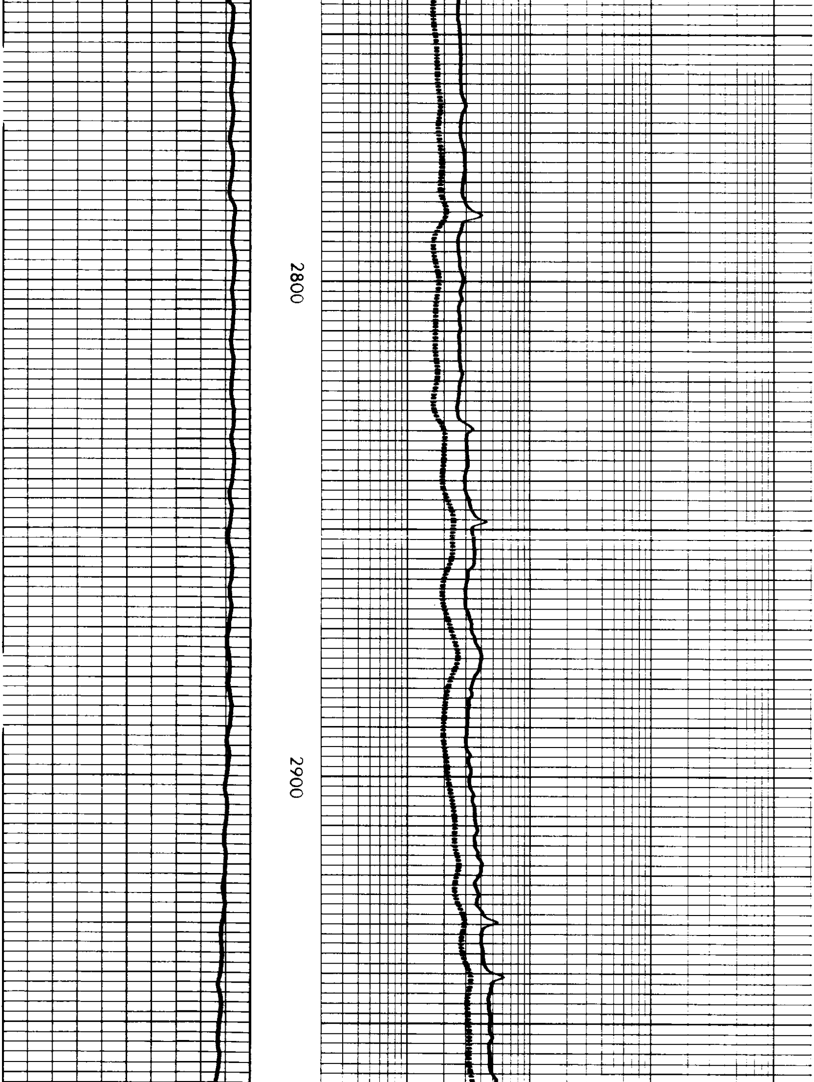


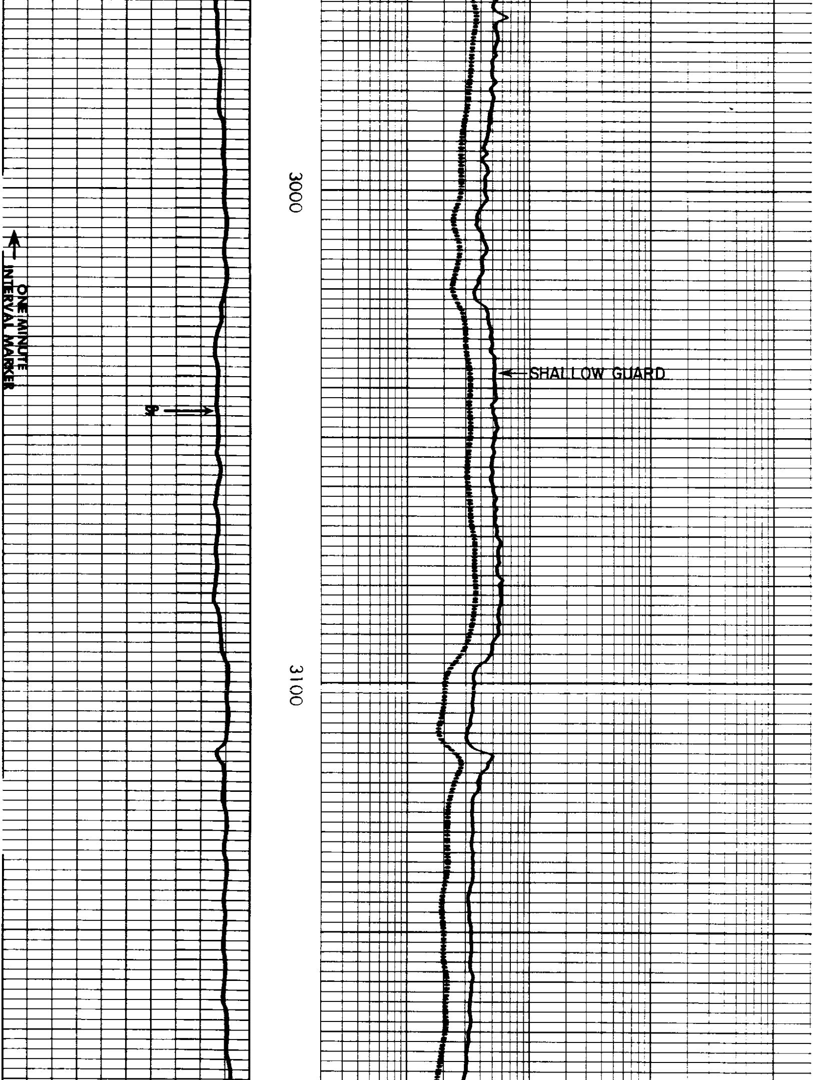


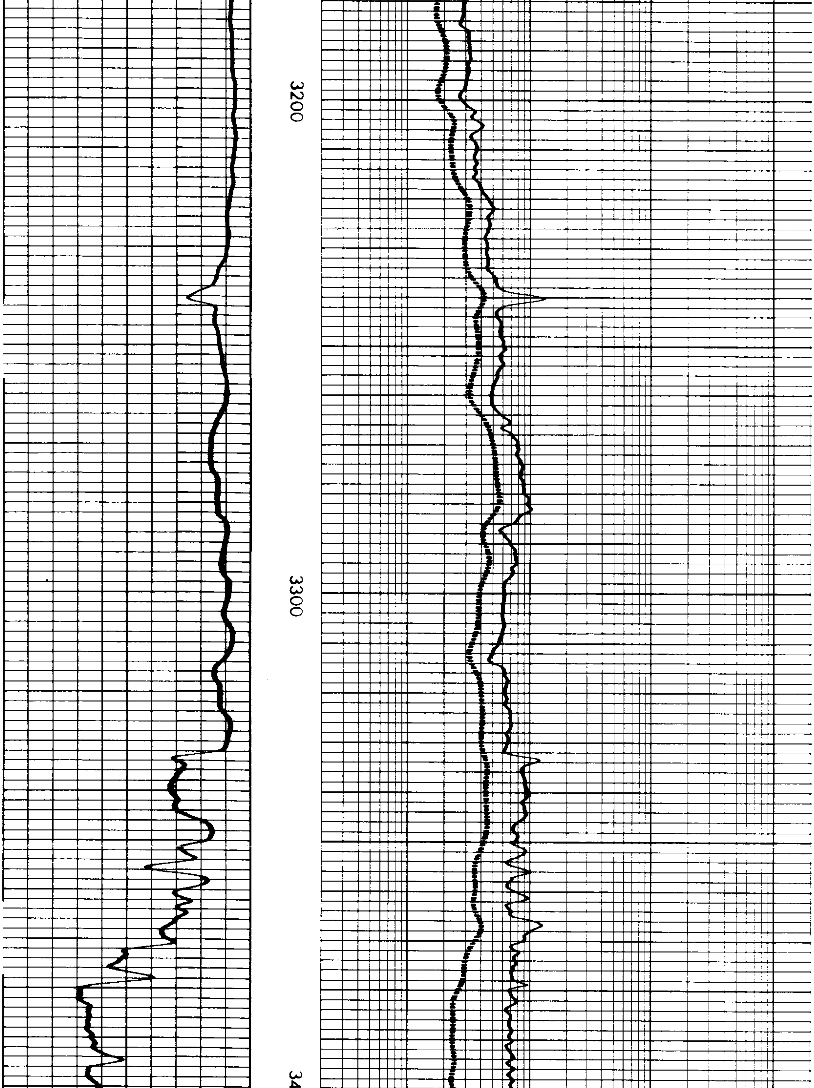


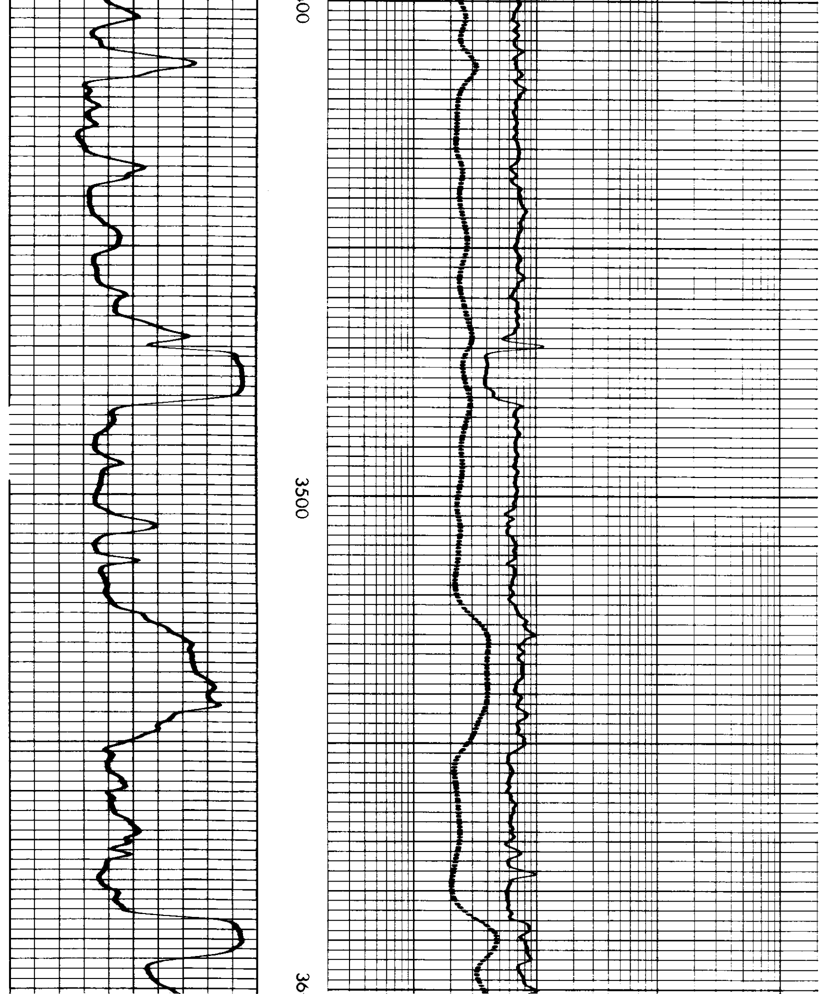


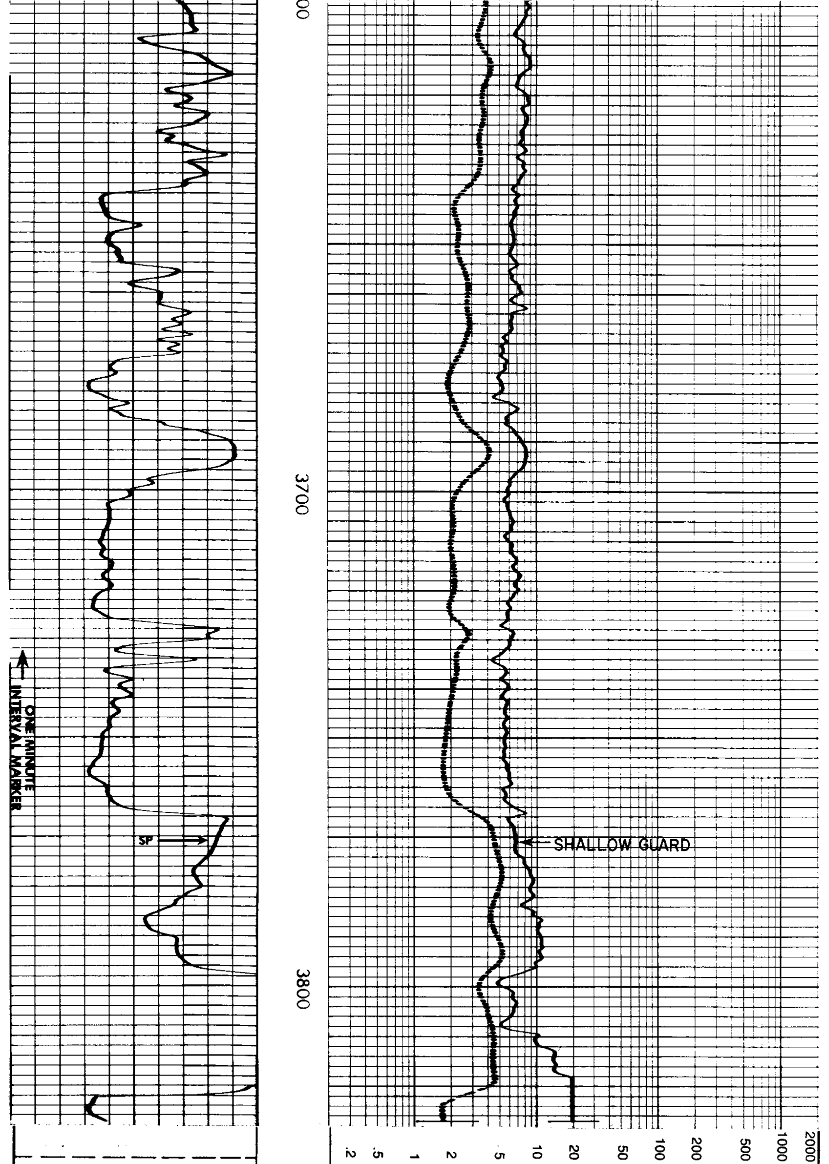












SHALLOW GUARD

MEDIUM INDUCTION

DEEP INDUCTION

− → 10 ← +

POTENTIAL MILLIVOLTS

RESISTIVITY OHMS M²/M

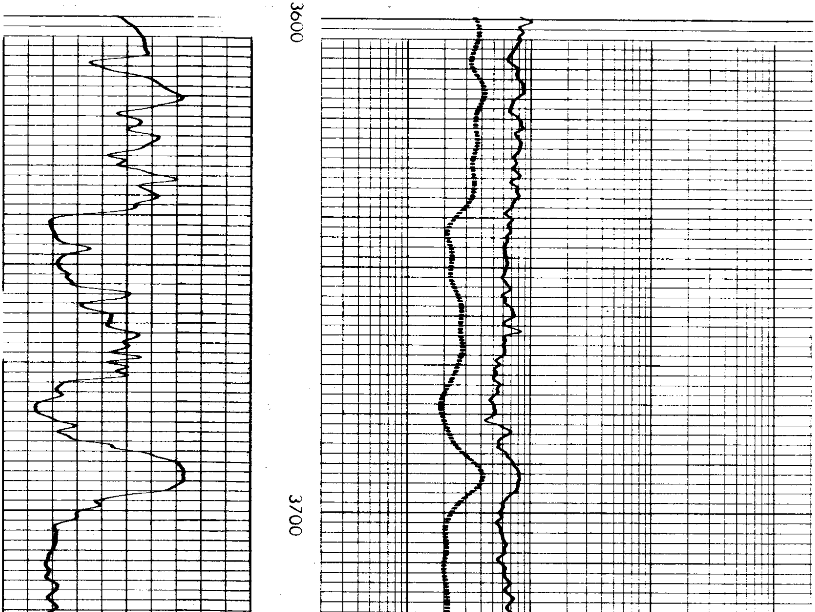
Rmf at °F.

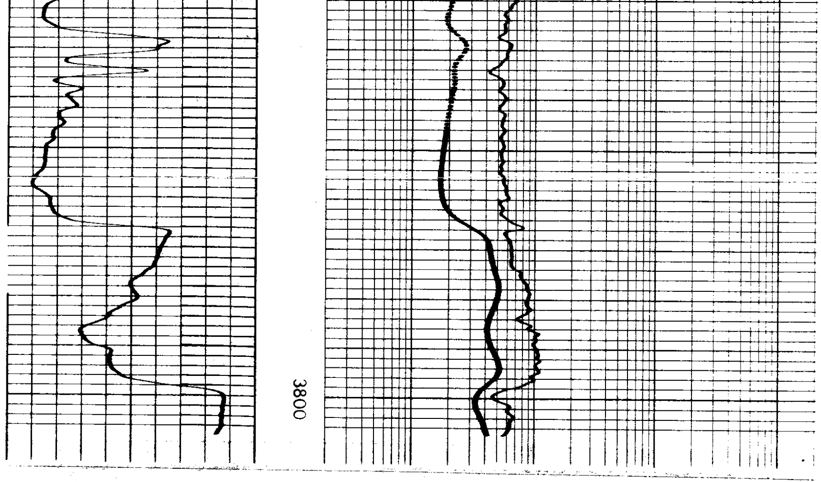
REICHHOLD ENERGY CORPORATION
COLUMBIA COUNTY 13-2 RD 1
MIST NEHALEM BASIN
COLUMBIA COUNTY, OREGON

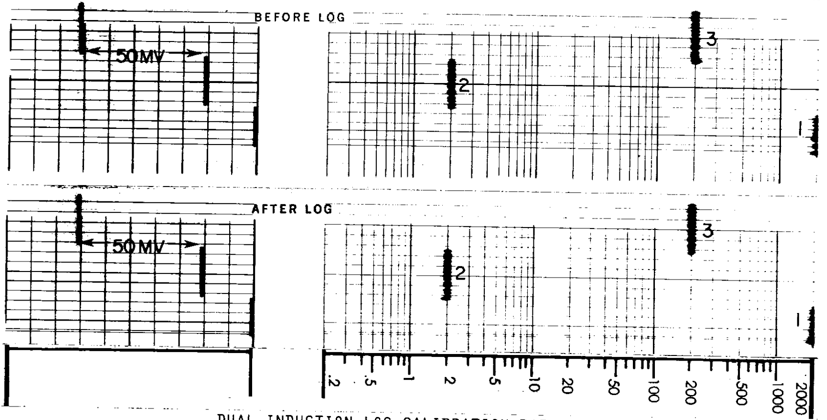
T.D. LOGGED 3818
T.D. DRILLER 3823
T.D. WELEX 3820

ELEV: K.B. 1031.33 G.L. 1020.83

REPEAT SECTION







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.