Welex

5" = 100'

IP LOG
ULAT

COMPANY	REICHHOLD ENERGY CORPORATION
WELL	NNG-CZ NO. 2
FIELD	PITTSBURG PROSPECT
County	COLUMBIA
State	OREGON

COMPANY REICHHOLD ENERGY CORPORATION

WELL NNG-CZ NO. 2

FIELD PITTSBURG PROSPECT

COUNTY COLUMBIA STATE OREGON

Location
159' SOUTH & 427' EAST FROM
THE WEST/4 CORNER OF: WB&M

Sec. 8 Twp. 4N Rge. 3W

Other Services:
IEL
C/AVL TDI
F/LOG

Permanent Datum G.L. Elev 675
Log Measured From K.B. 14 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 689
D.F.
G.L. 675

Date	10-30-75			
Run No.	[illegible]			
Depth—Driller	5805			
Depth—Welex	[illegible]			
Btm. Log Inter.	5804			
Top Log Inter.	565			
Casing—Driller	9-5/8 @ 565	@	@	@
Casing—Welex	565			
Bit Size	8 3/4			
Type Fluid in Hole	LIGNOSULF			
Dens. | Visc.	79 | 56	|	|	|
pH | Fluid Loss	10 | 5.8 ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	1.22 @ 119 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.16 @ 62 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.44 @ 64 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|	|
R_m @ BHT	1.10 @ 132F	@ °F	@ °F	@ °F
Time Since Circ.	9 HOURS			
Max. Rec. Temp.	132F @ T.D.	°F @	°F @	°F @
Equip. | Location	8586 | WDLND	|	|	|
Recorded By	MR. FRANKLIN			
Witnessed By	MR. BREWER			

LAHOH—AA 05845

Fold Here

Change in Mud Type or Additional Samples

Date | Sample No.	10-30-75 ONE	|
Depth—Driller	5805	
Type Fluid in Hole	LIGNOSULFATE	
Dens. | Visc.	79 | 56	|
ph | Fluid Loss	10 | 5.8 ml	|
Source of Sample	CIRCULATED	
R_m @ Meas. Temp.	1.22 @ 119 °F	@ °F
R_{mf} @ Meas. Temp.	1.16 @ 62 °F	@ °F
R_{mc} @ Meas. Temp.	2.44 @ 64 °F	@ °F
Source: R_{mf} | R_{mc}	CIRCULATED | MEASURED	
R_m @ BHT	1.10 @ 132 °F	@ °F
R_{mf} BHT	.54 @ 132 °F	@ °F
R_{mc} BHT	1.18 @ 132 °F	@ °F

Service Ticket No. 120264 Remarks:

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	DIP-13100	FX-C	CENTER	

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.

Magnetic Declination NORTH 21° EAST

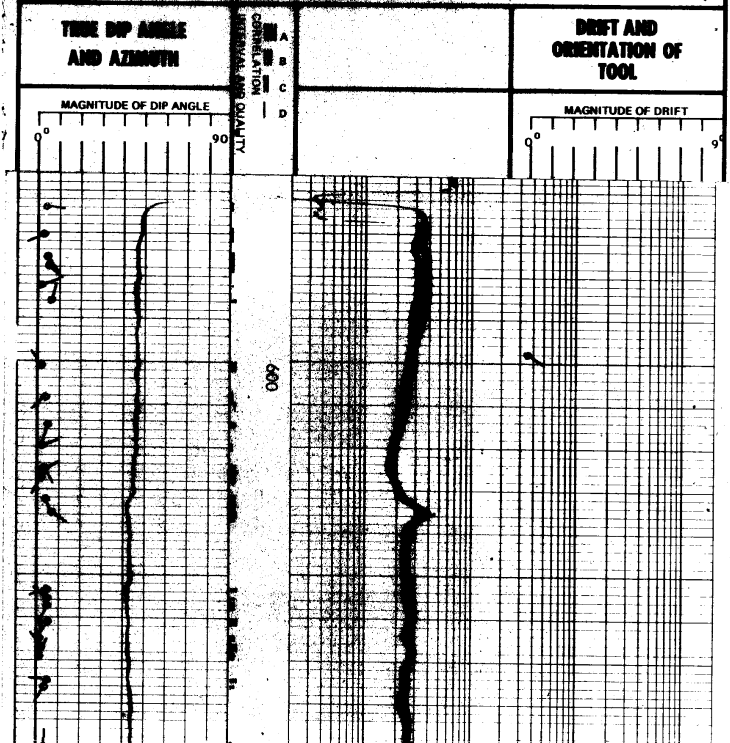
TABLE OF CONSTANTS FOR DETERMINING VERTICAL DIFFERENCE AT VARIOUS DIP ANGLES

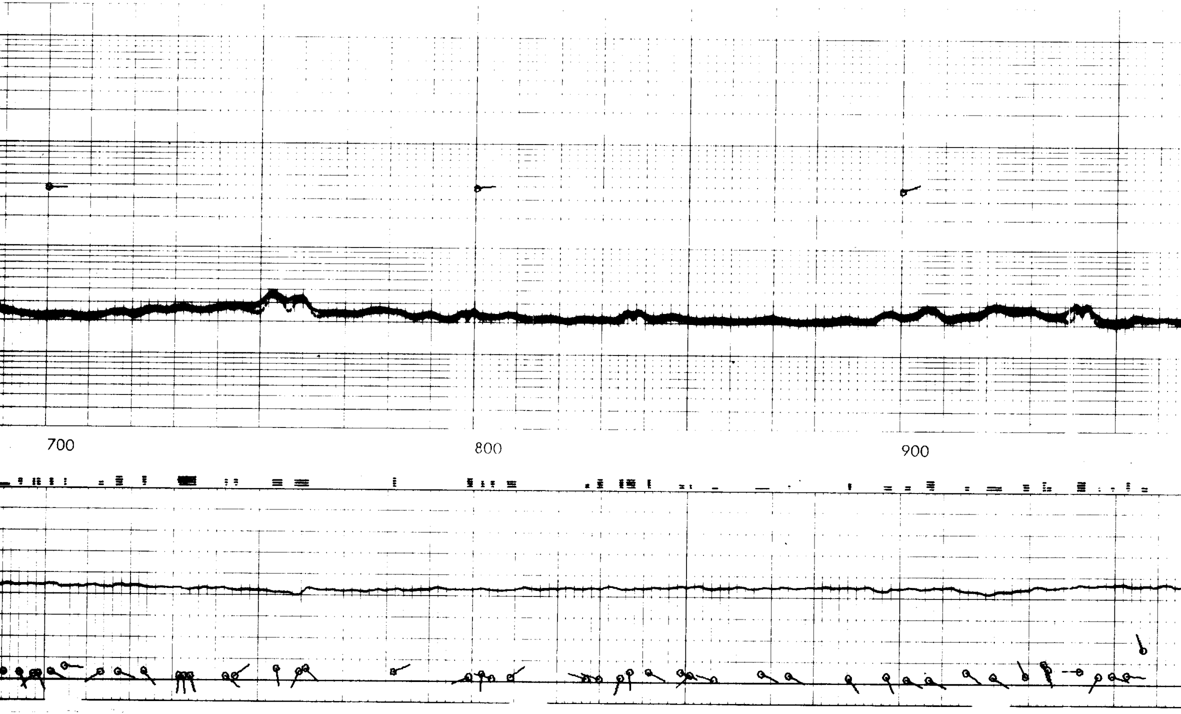
DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	.213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732
7	.123	17	.306	27	.509	65	2.144
8	.141	18	.325	28	.531	70	2.748
9	.158	19	.344	29	.554	75	3.732
10	.176	20	.364	30	.577	80	5.671

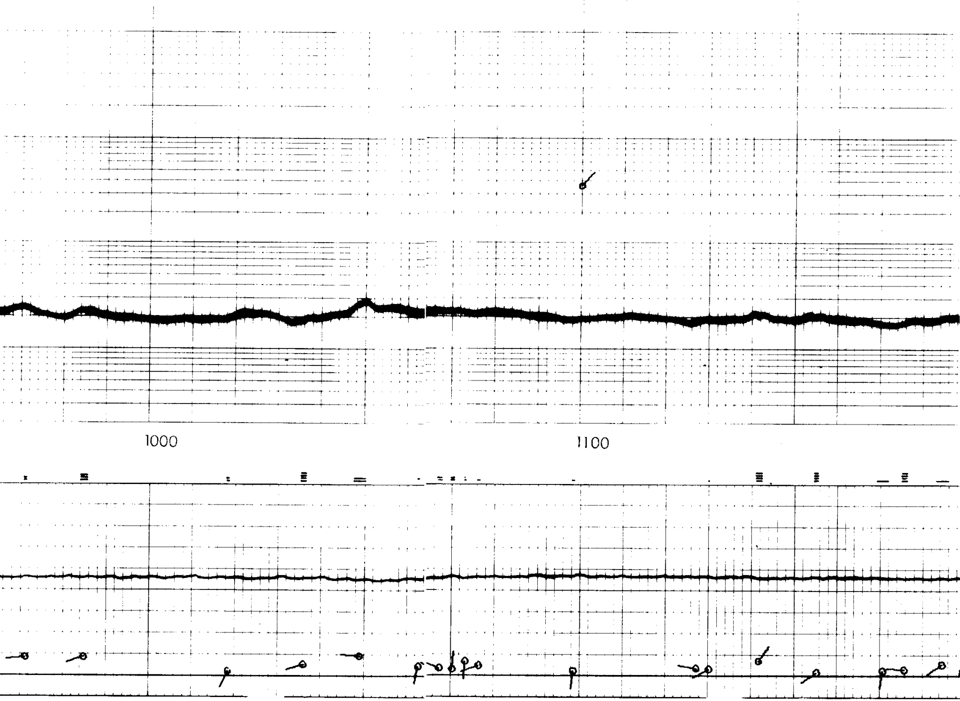
Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.

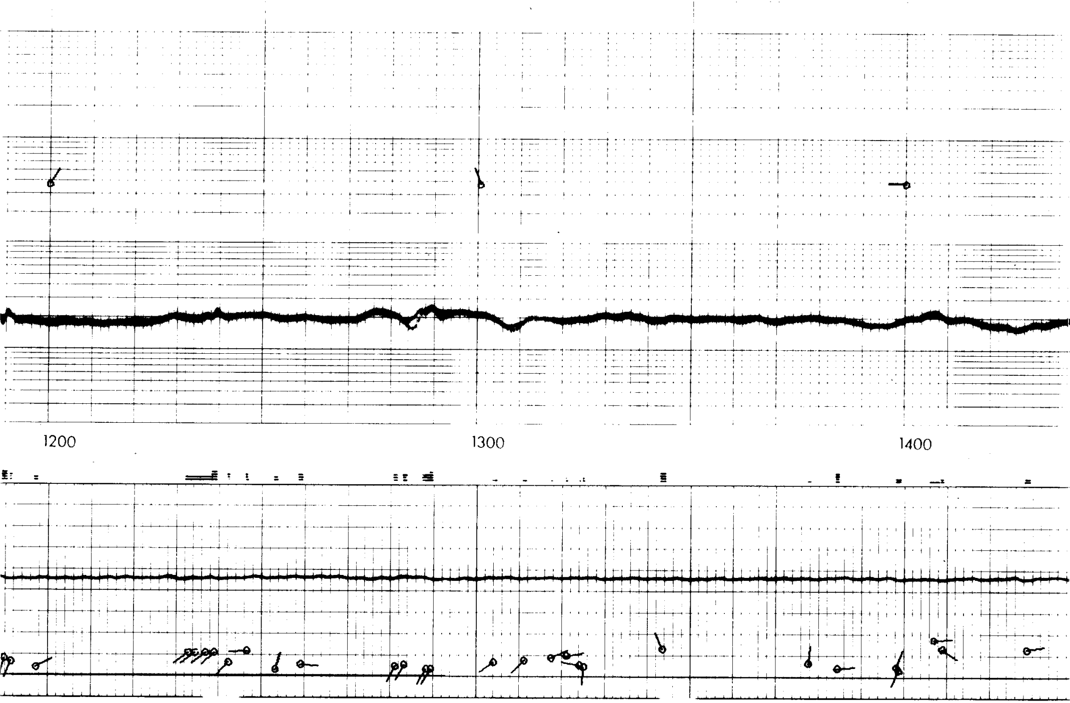
Example: Dip angle 10°, Horizontal distance 440 ft.
Vertical difference = .176 x 440 = 77.44

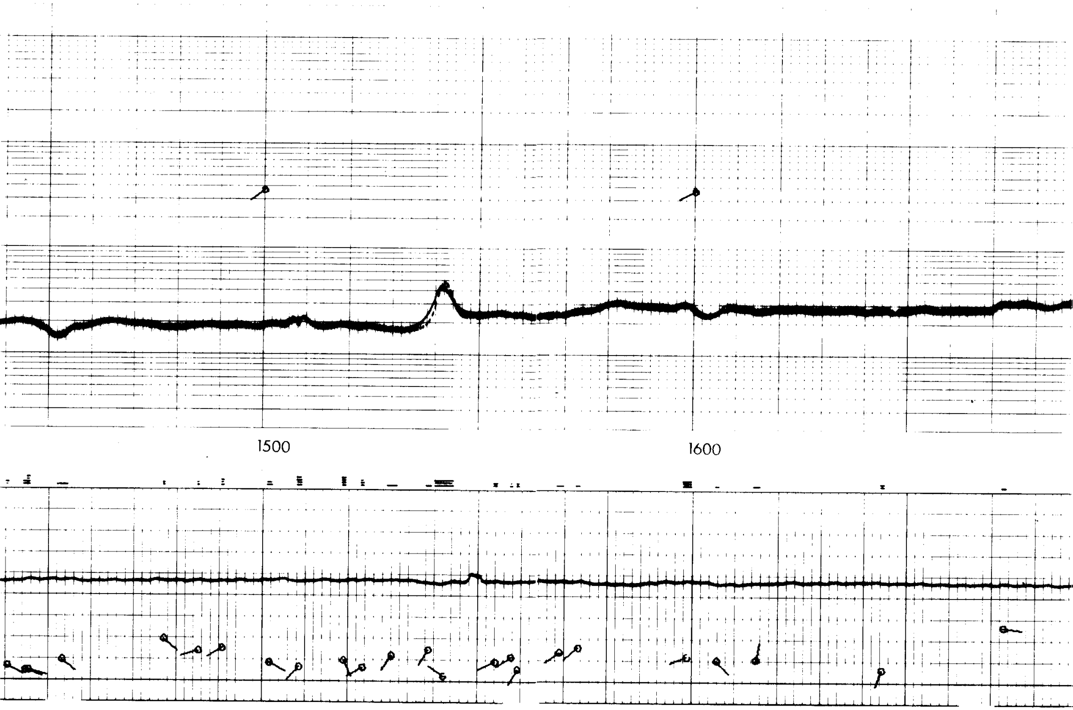
GRAPHIC PRESENTATION

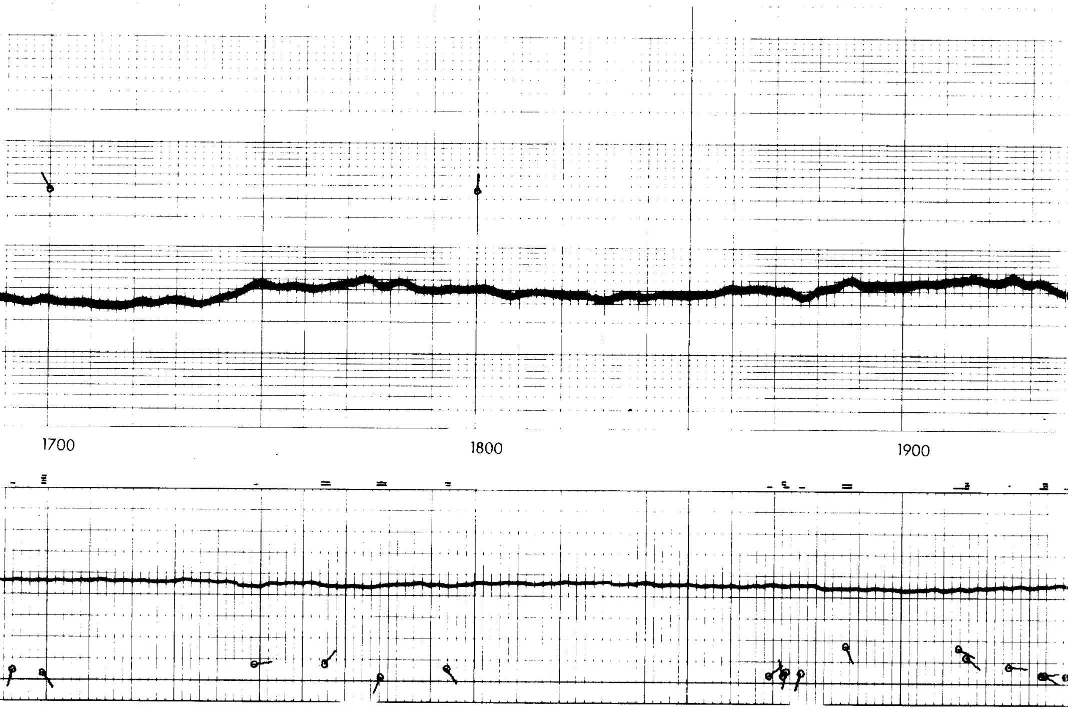


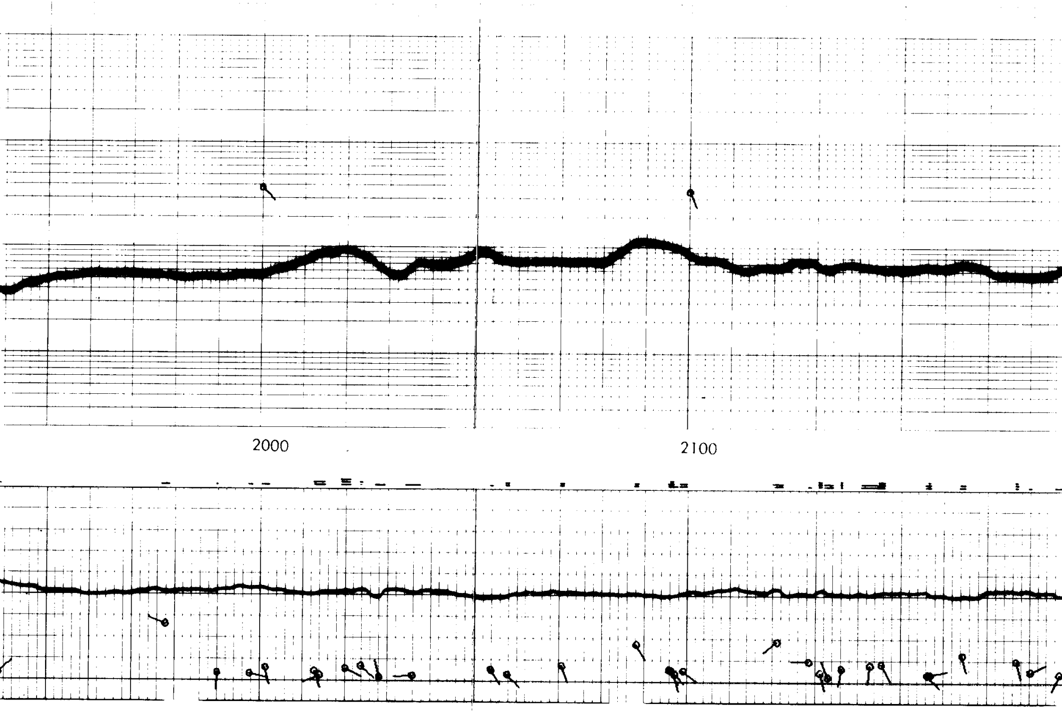


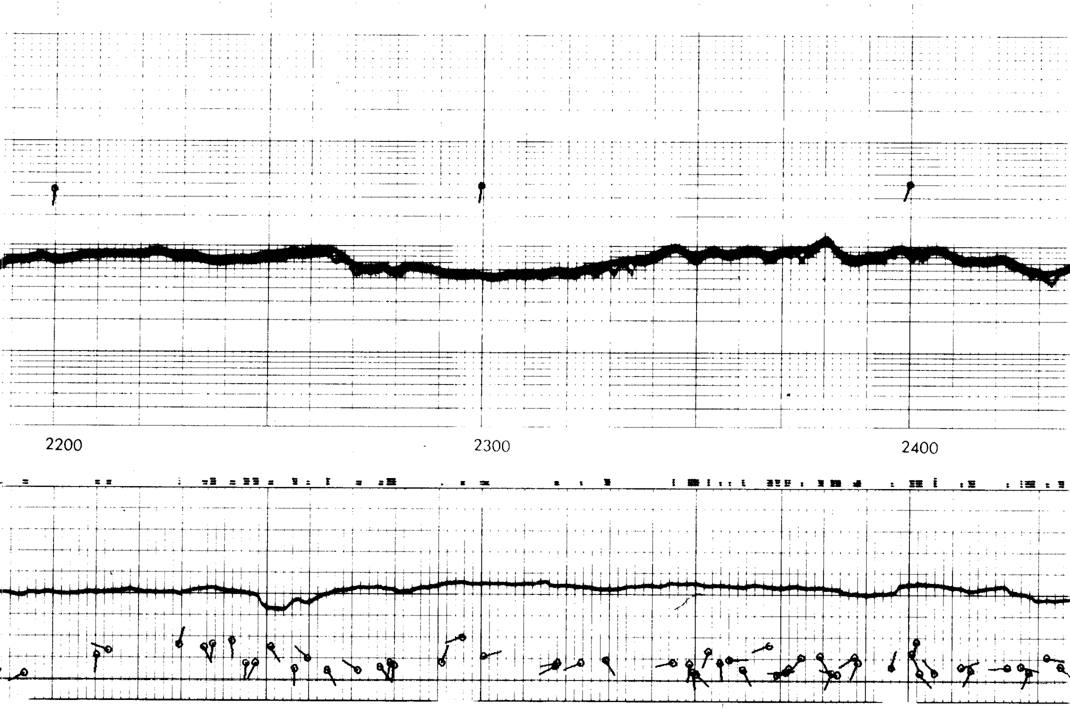


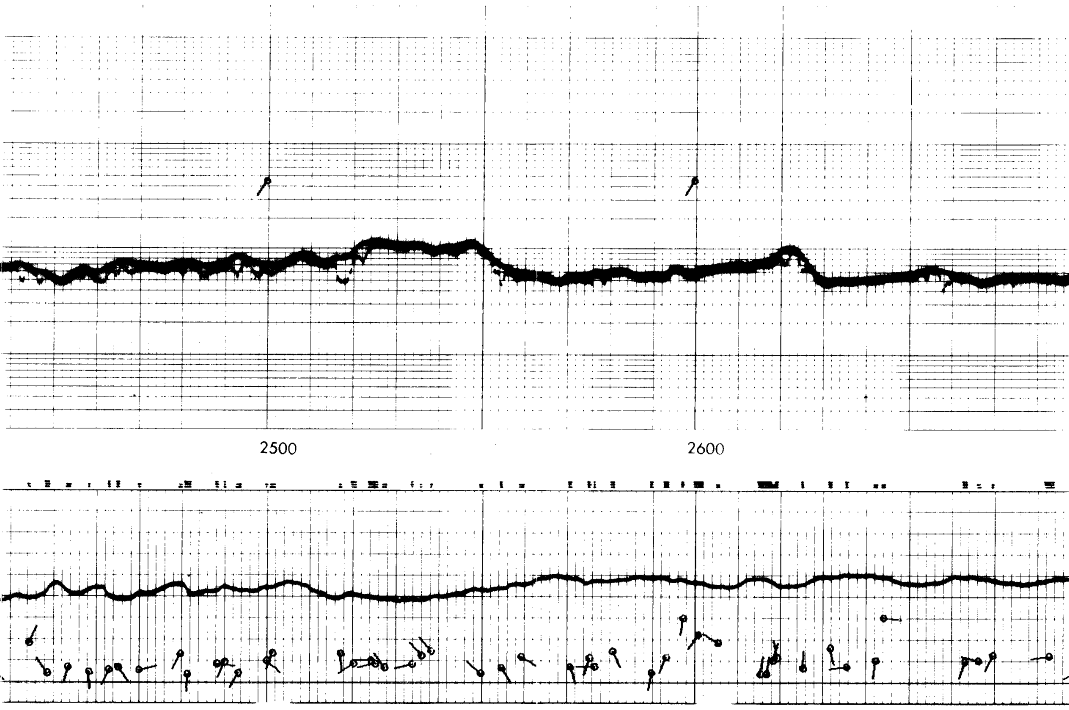


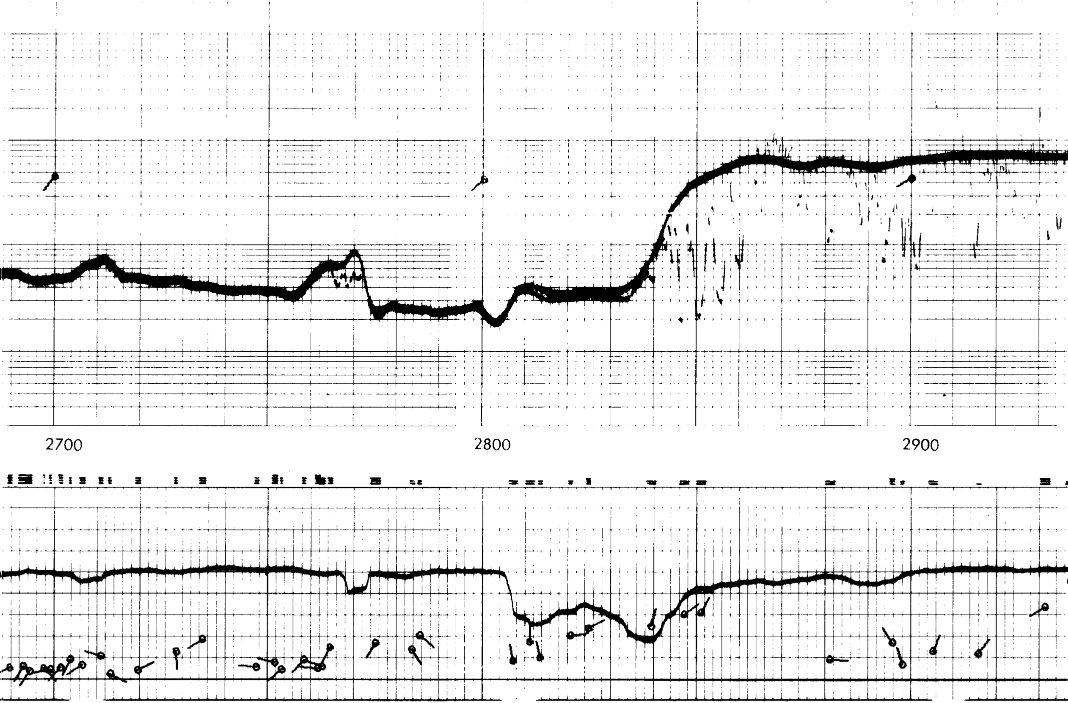


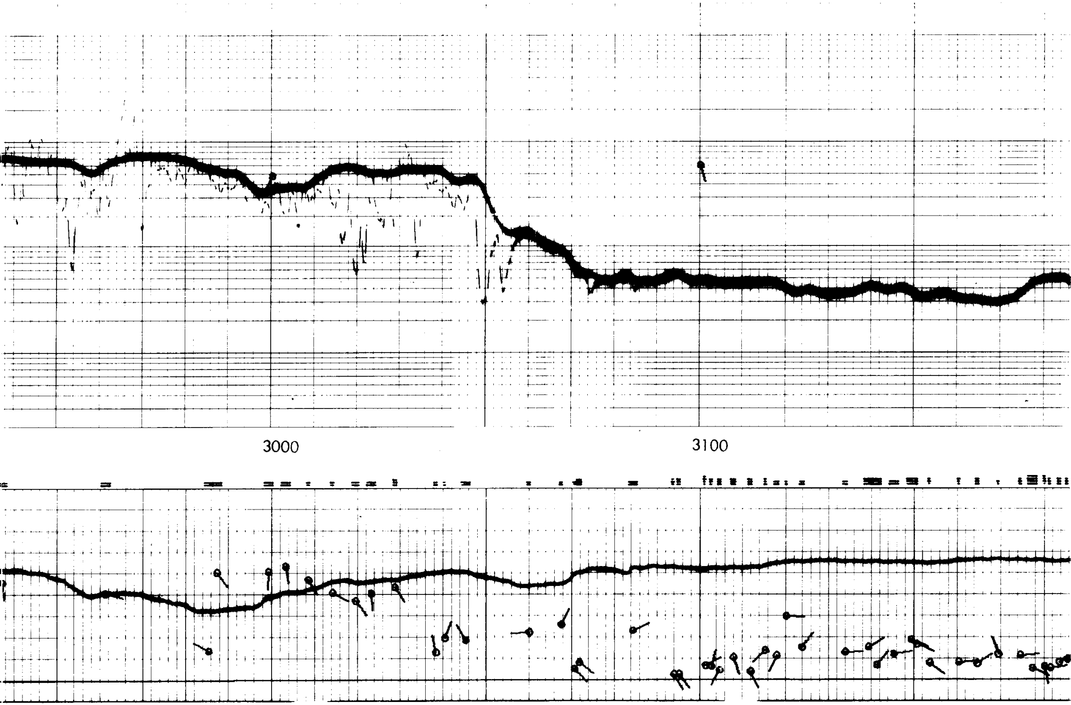


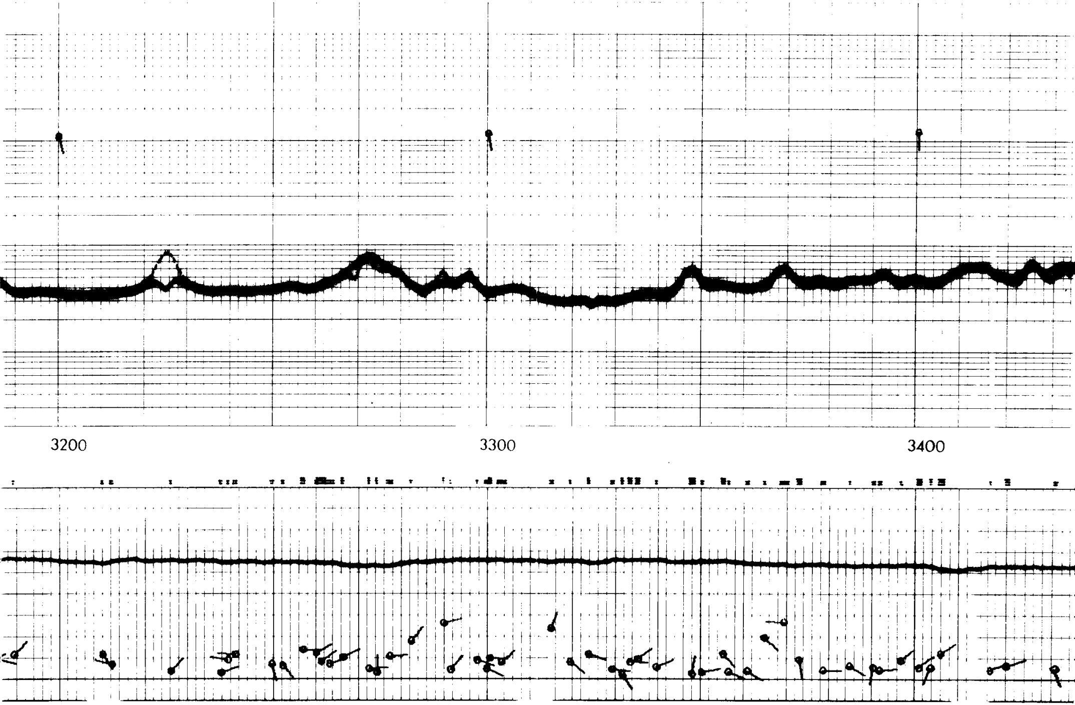


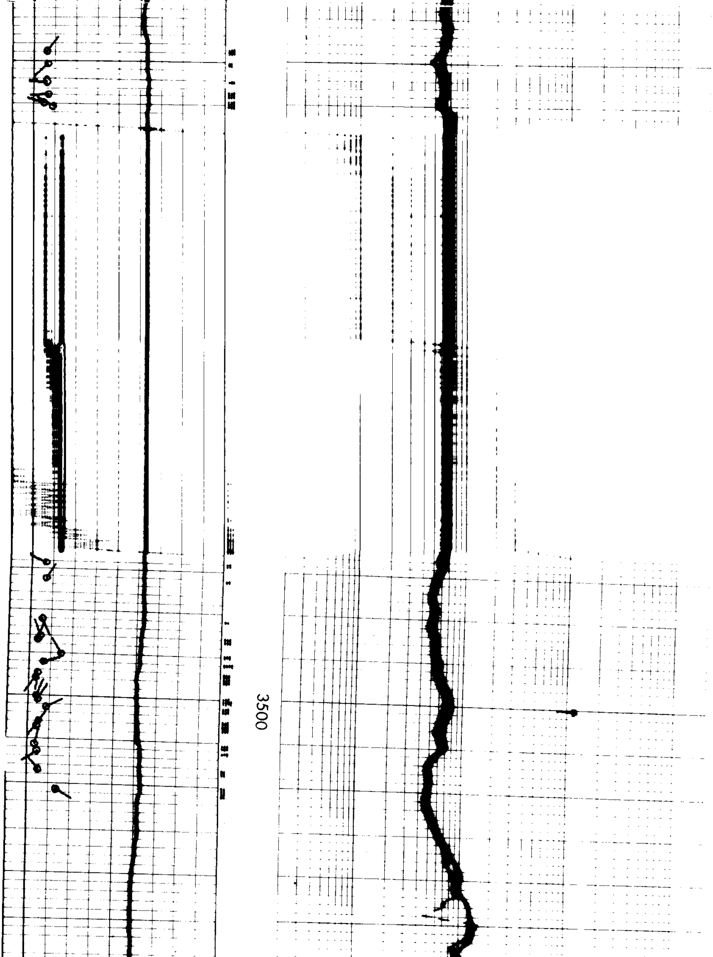


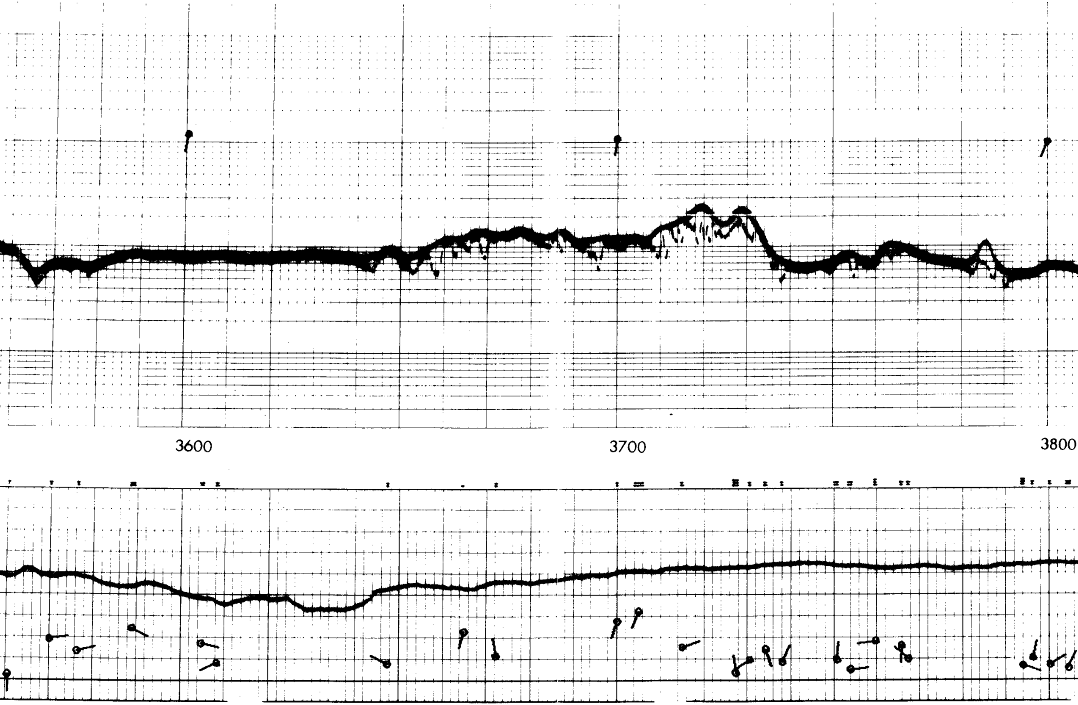


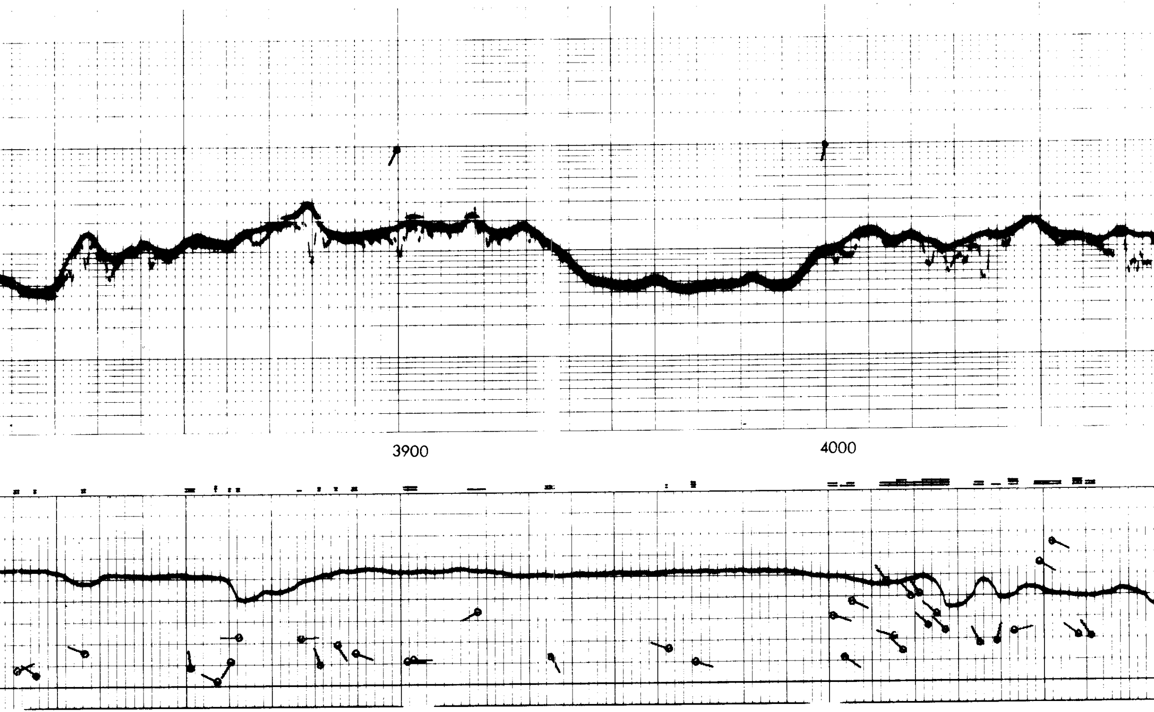


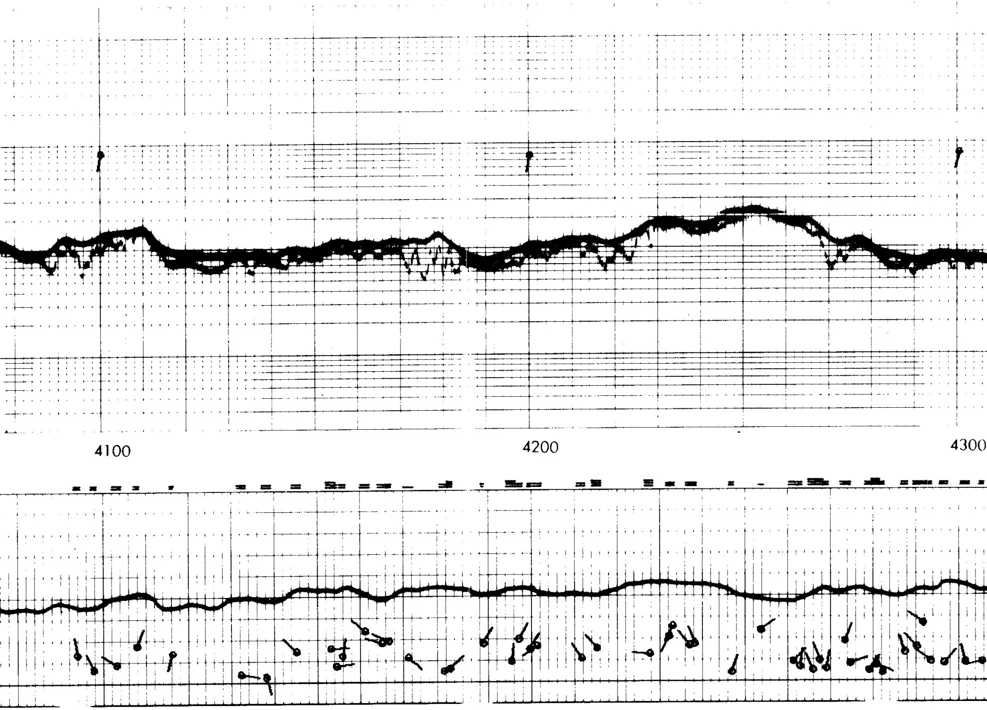


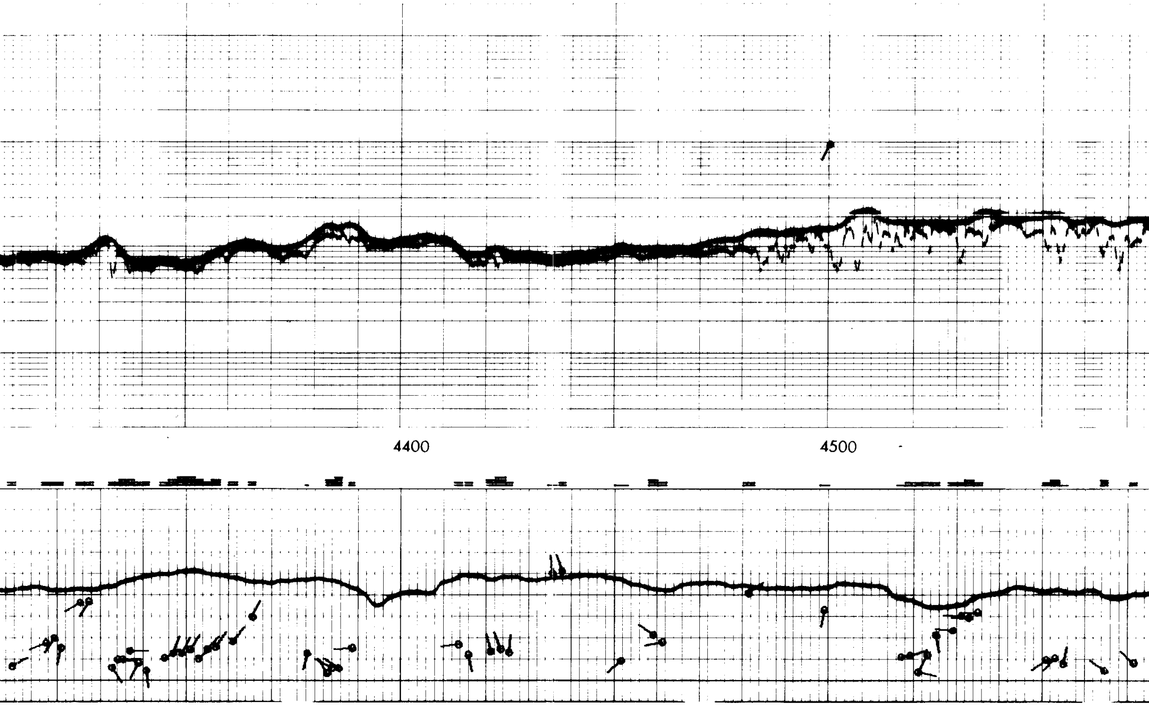


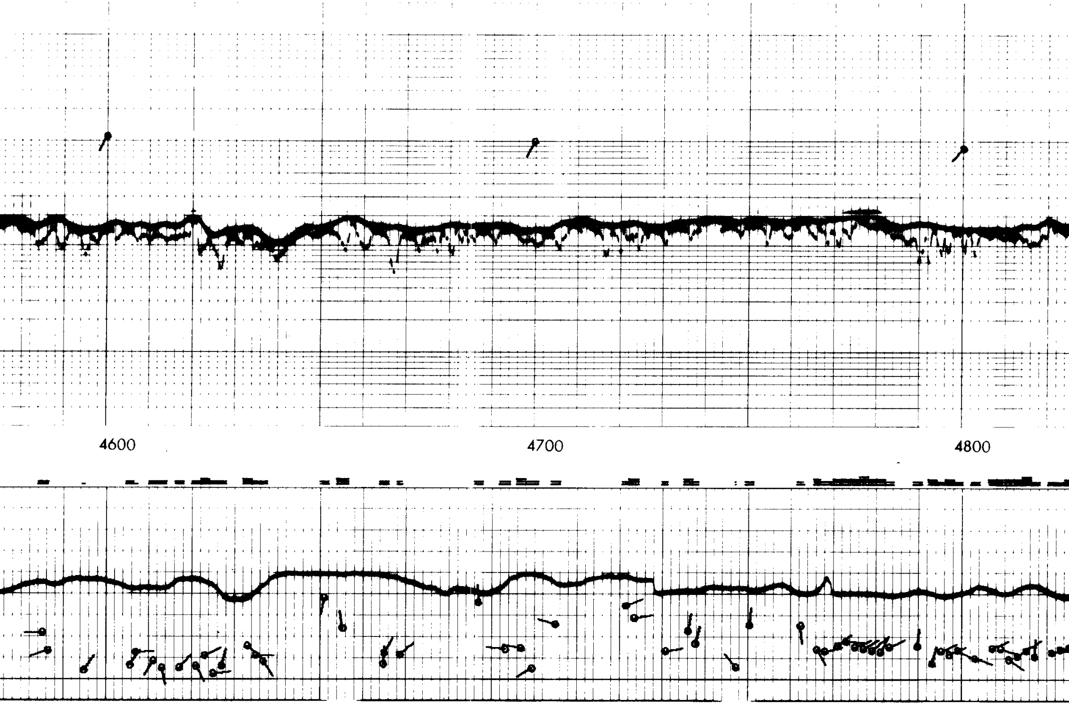


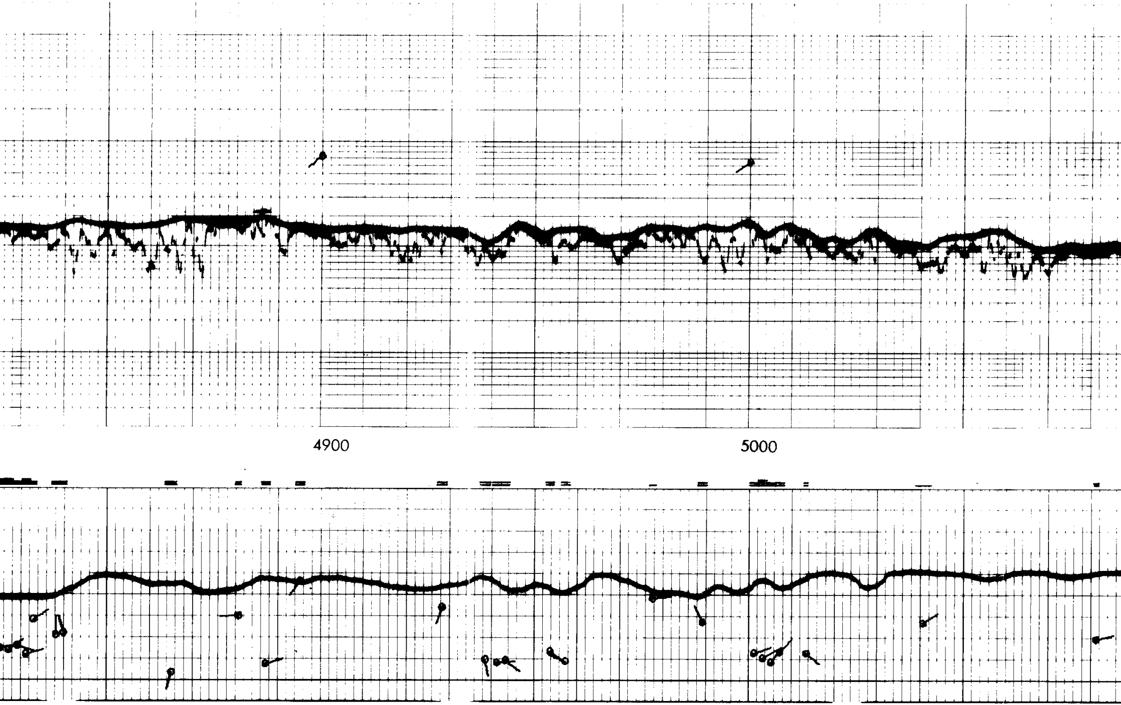


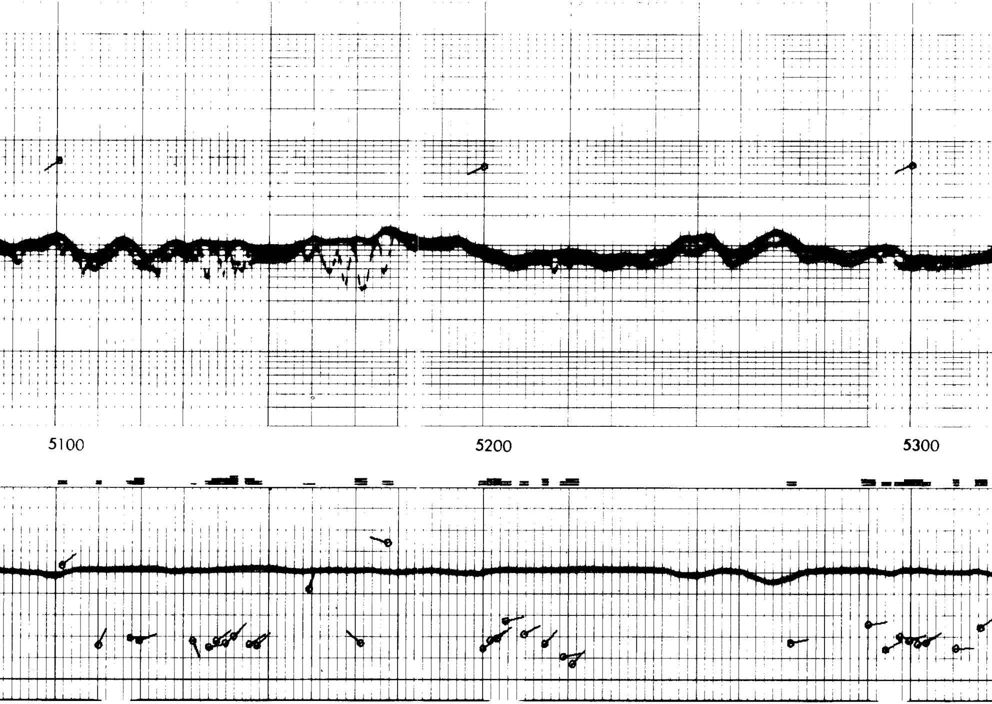


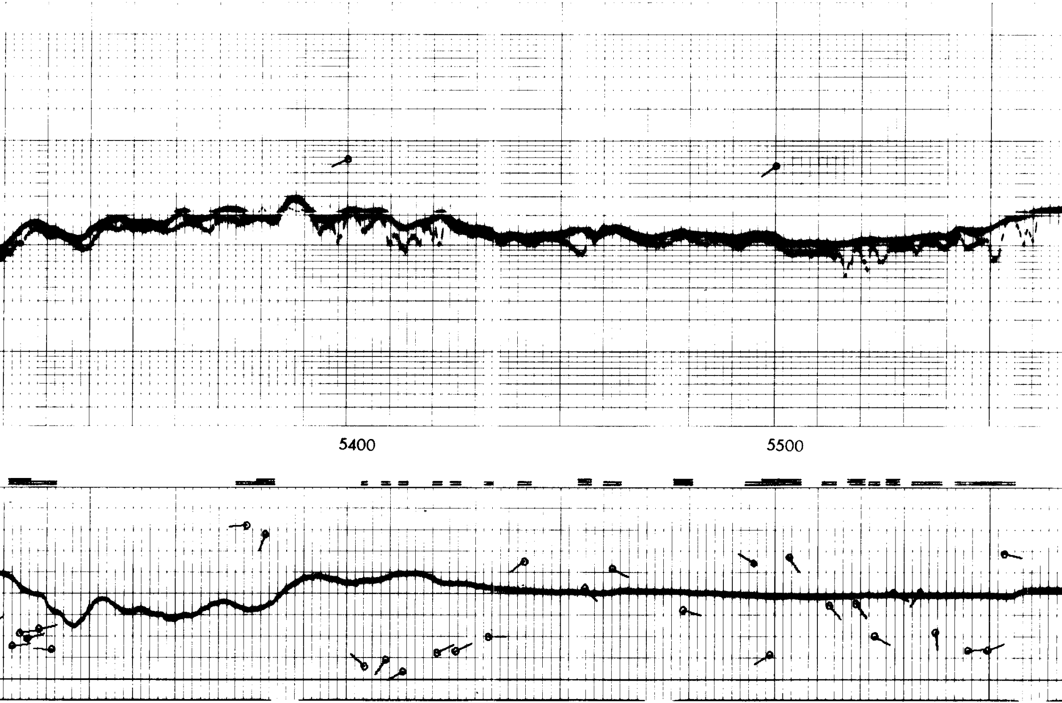


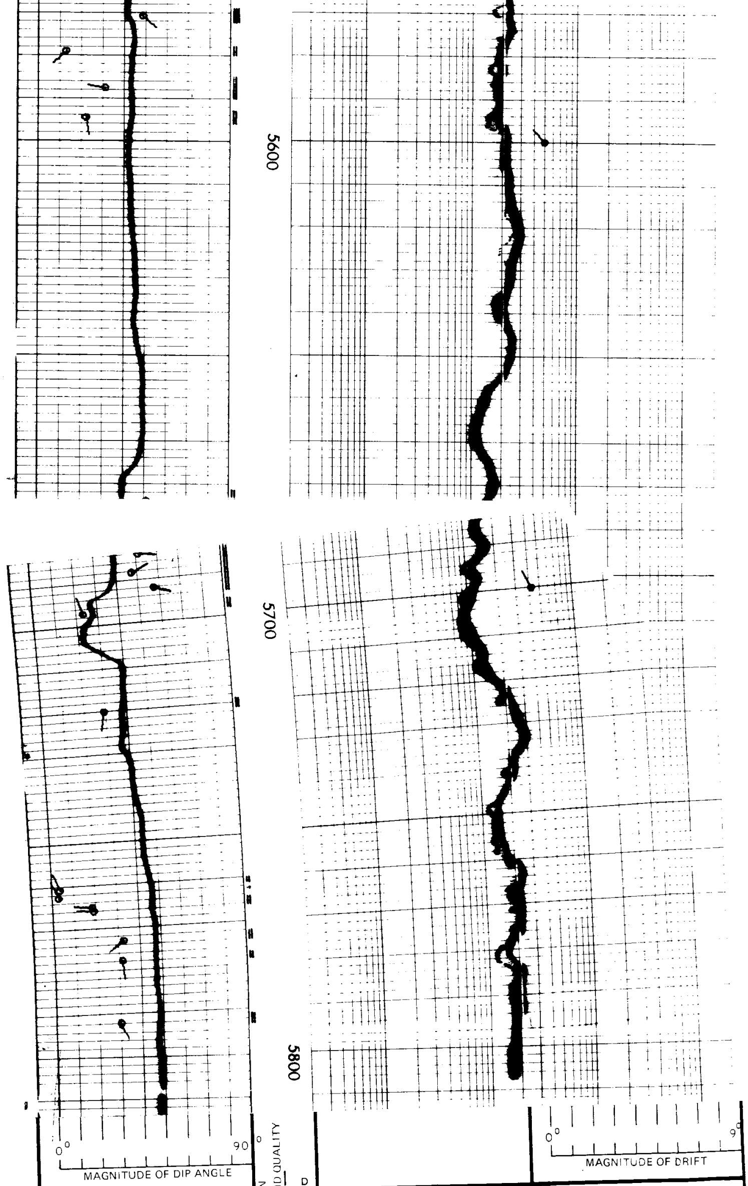












TRUE DIP ANGLE AND AZIMUTH

CORRELATION
INTERVAL AN
C
B
A

DRIFT AND ORIENTATION OF TOOL

REICHHOLD ENERGY CORPORATION
NNG-CZ NO.2
TTSBURG PROSPECT
IA COUNTY, OREGON

T.D. LOGGED	5804
T.D. DRILLER	5805
T.D. WELEX	5806