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Welex

5"=100'

DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION
WELL CROWN ZELLERBACK NO.4
FIELD PITTSBURG AREA
COUNTY COLUMBIA STATE OREGO

COMPANY REICHHOLD ENERGY CORPORATION
WELL CROWN ZELLERBACK NO.4
FIELD PITTSBURG AREA
COUNTY COLUMBIA STATE OREGON

Location 1692' SOUTH & 2209' EAST FROM THE NORTHWEST CORNER OF"
Other Services: DIG C/AVL

Sec. 36 Twp. 5N Rge. 4W

Permanent Datum G.L. Elev. 617.8
Log Measured From K.B. OR 10.8 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 628.8
D.F.
G.L. 617.8

Date	11-26-79		
Run No.	ONE		
Depth - Driller	6063		
Depth - Welex	6064		
Btm. Log Inter.	6062		
Top Log Inter.	669		
Casing - Driller	8 5/8 @ 673	@	@
Casing - Welex	669		
Bit Size	7 7/8		
Type Fluid in Hole	LIGNOSULF.		
Dens. | Visc.	78 | 147	|	|
pH | Fluid Loss	9.5 | N/A ml	| ml	| ml
Source of Sample	CIRCULATED		
Rm @ Meas. Temp.	5.51 @ 90 °F	@ °F	@ °F
Rmf @ Meas. Temp.	4.78 @ 62 °F	@ °F	@ °F
Rmc @ Meas. Temp.	5.35 @ 60 °F	@ °F	@ °F
Source Rmf Rmc	MEASURED	|	|
Rm @ BHT	3.24 @ 153 °F	@ °F	@ °F
Time Since Circ.	8 HRS.		
Max. Rec. Temp.	153°F @BHT.	°F @	°F @
Equip. | Location	9430 | WOODLAND	|	|
Recorded By	KENNEDY		
Witnessed By	BRUER, McBURNIE		

Fold Here

Service Ticket No. 048909 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		
Rm @ Meas. Temp.	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F
Source: Rmf | Rmc	|	|
Rm @ BHT	3.24 @ 153 °F	@ °F
Rmf @ BHT	1.93 @ 153 °F	@ °F
Rmc @ BHT	2.09 @ 153 °F	@ °F

Run No.	1	2	3	4
Tool Type	DIP			
Tool Number	24782			
Pad Type	FORXO			
Correlated By				
Computed By				

TRAN. NO. 24887
Remarks: MAND. NO. 24673

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 from the use thereof.

Magnetic Declination NORTH 20.5 EAST

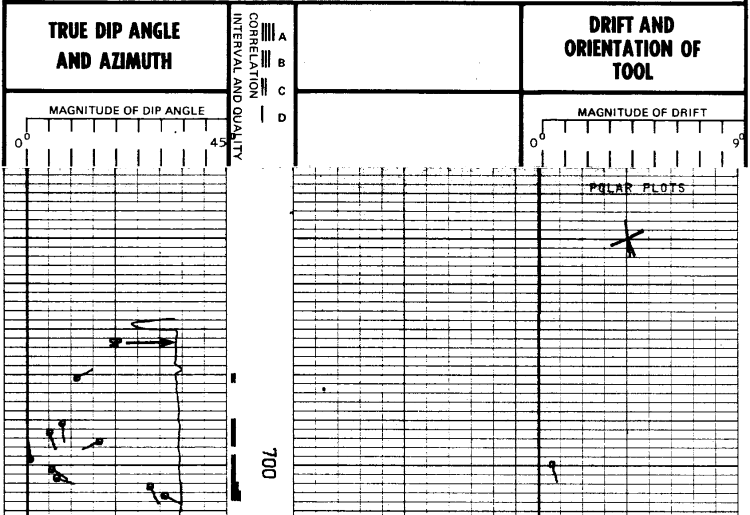
TABLE OF CONSTANTS FOR DETERMINING VERTICAL DIFFERENCE AT VARIOUS DIP ANGLES

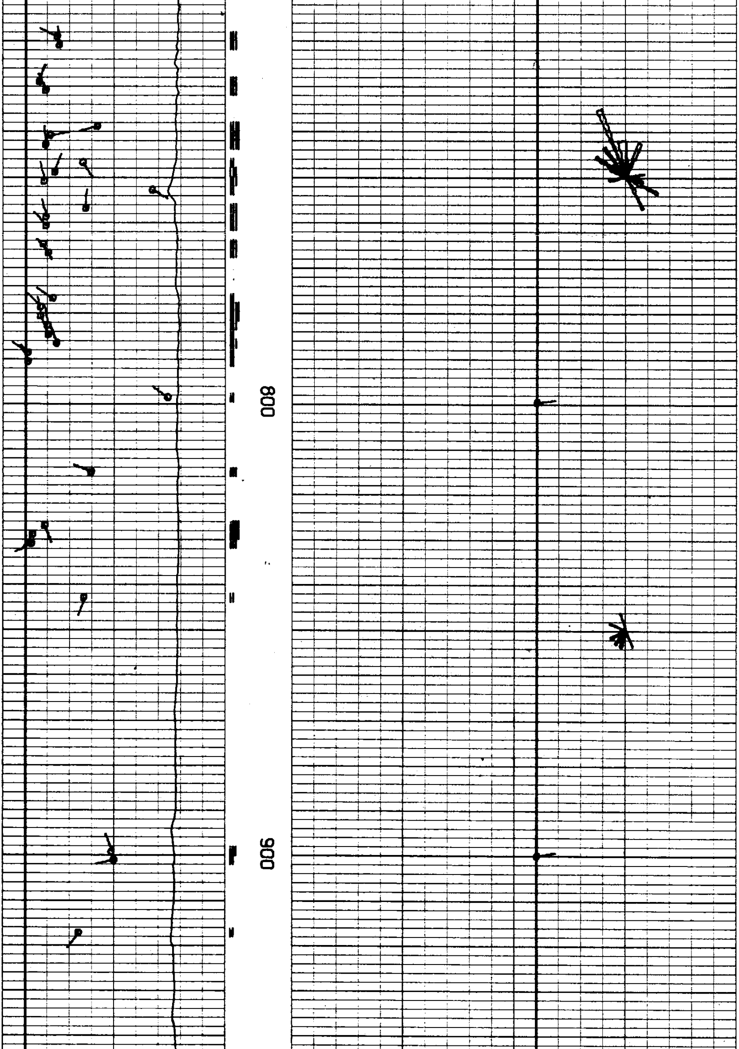
DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	.213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732
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

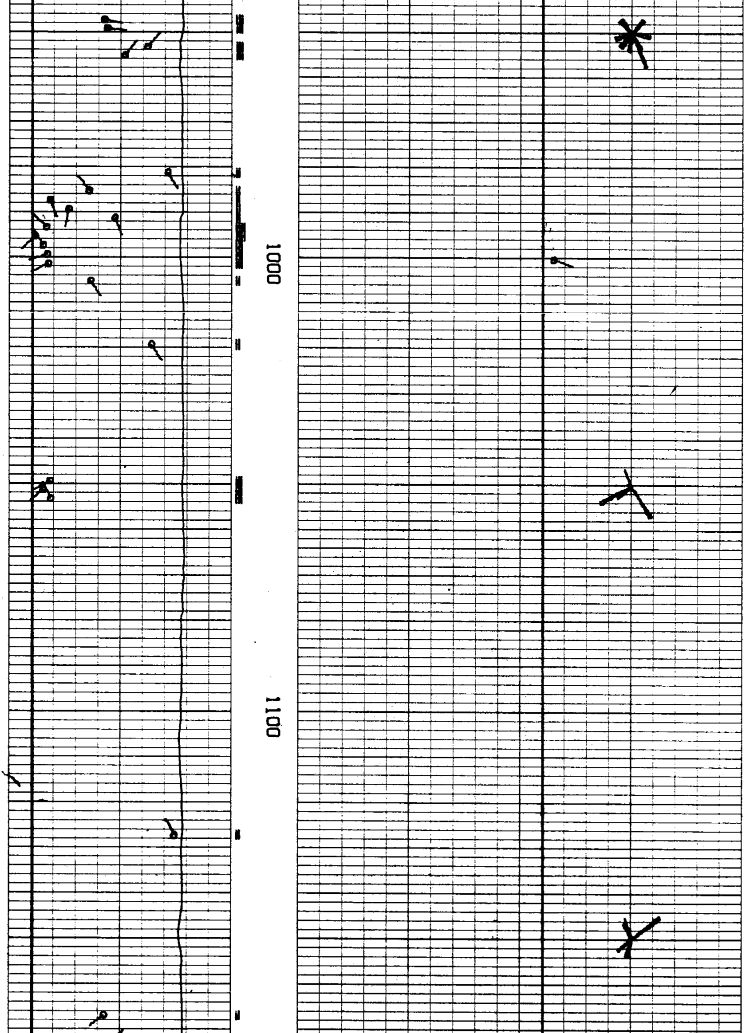
Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.

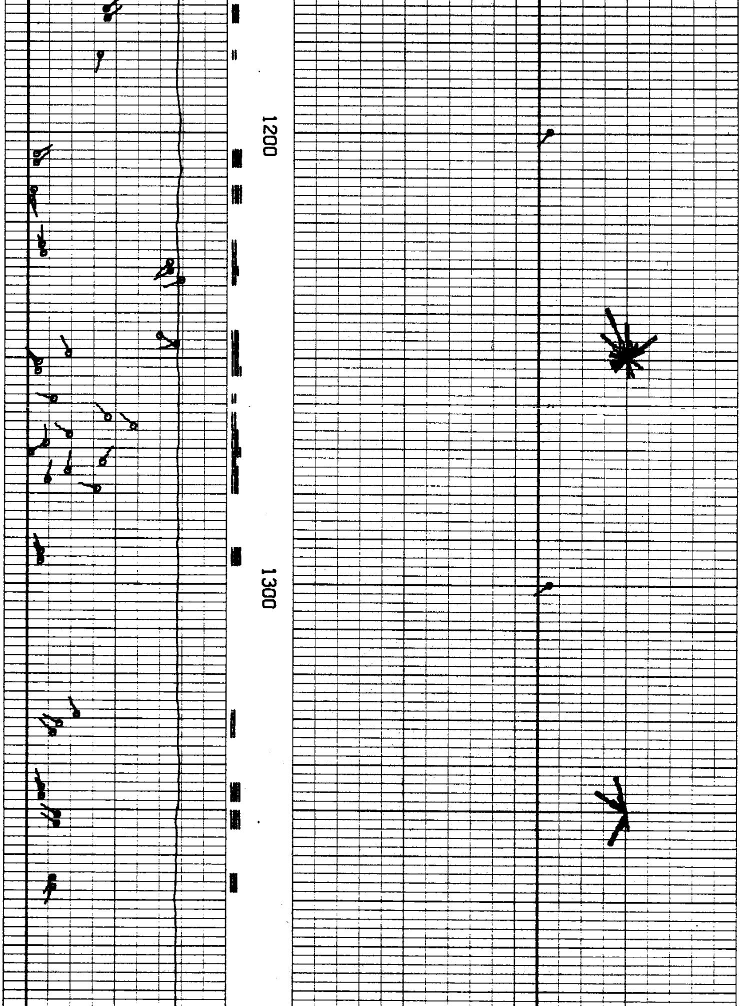
Example: Dip angle 10°, Horizontal distance 440 ft.
Vertical difference = .176 x 440 = 77.44

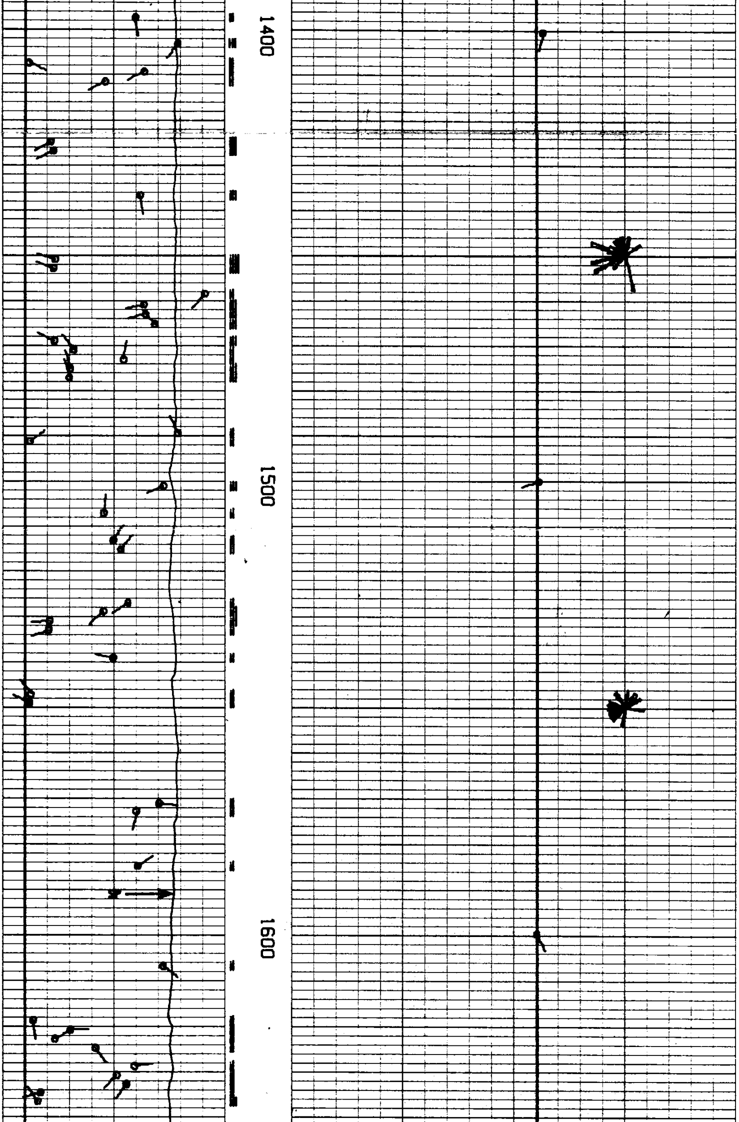
GRAPHIC PRESENTATION

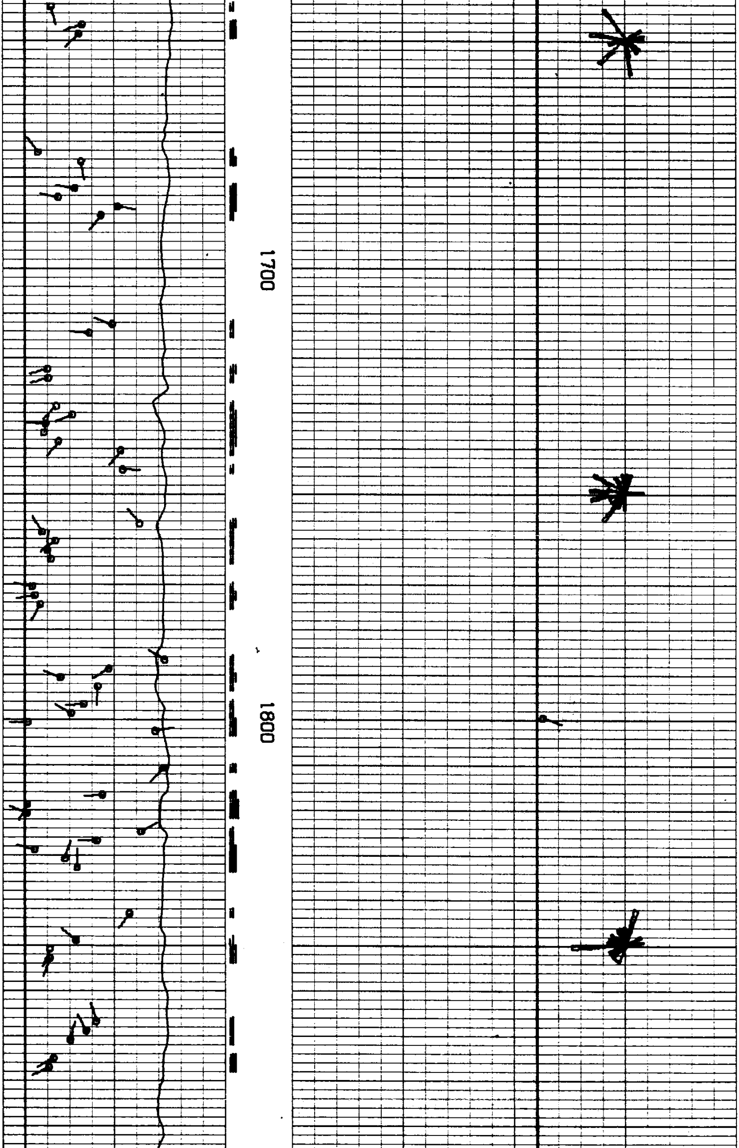


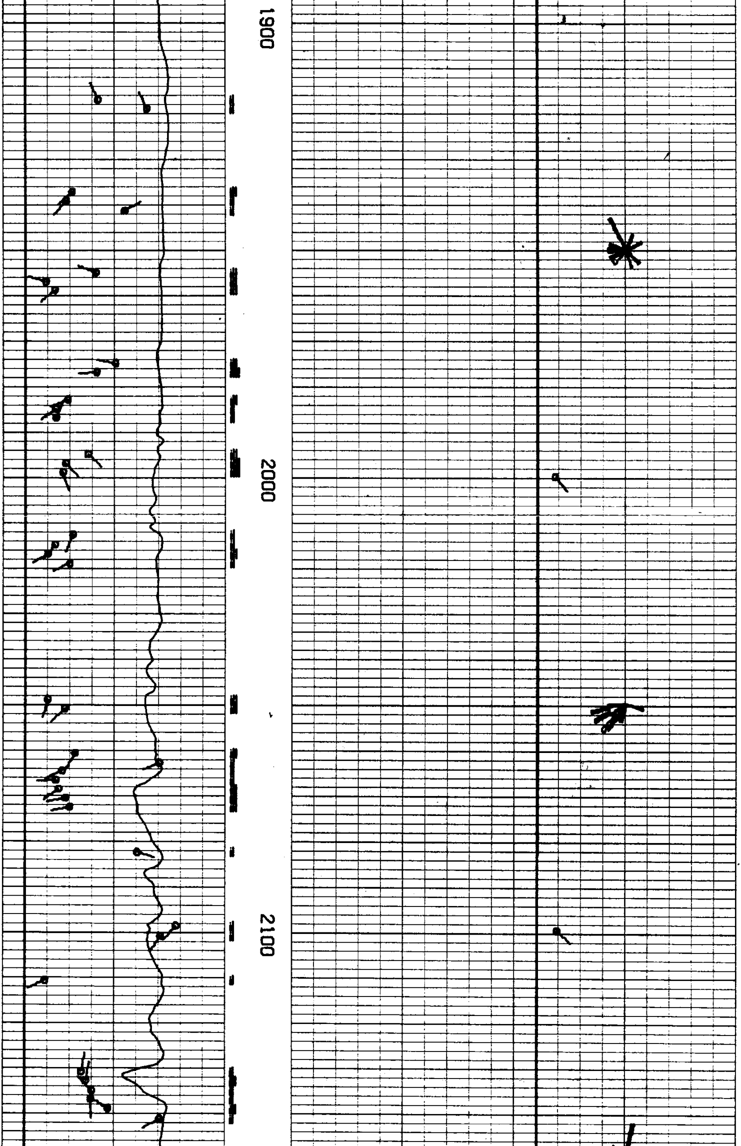


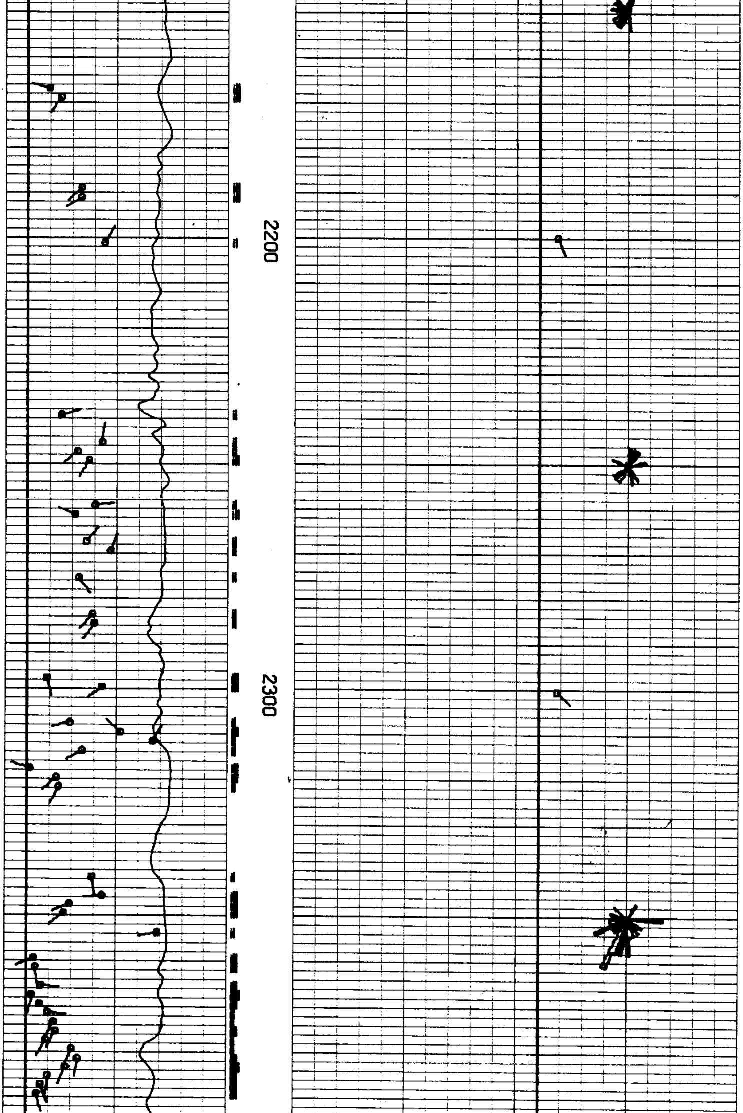


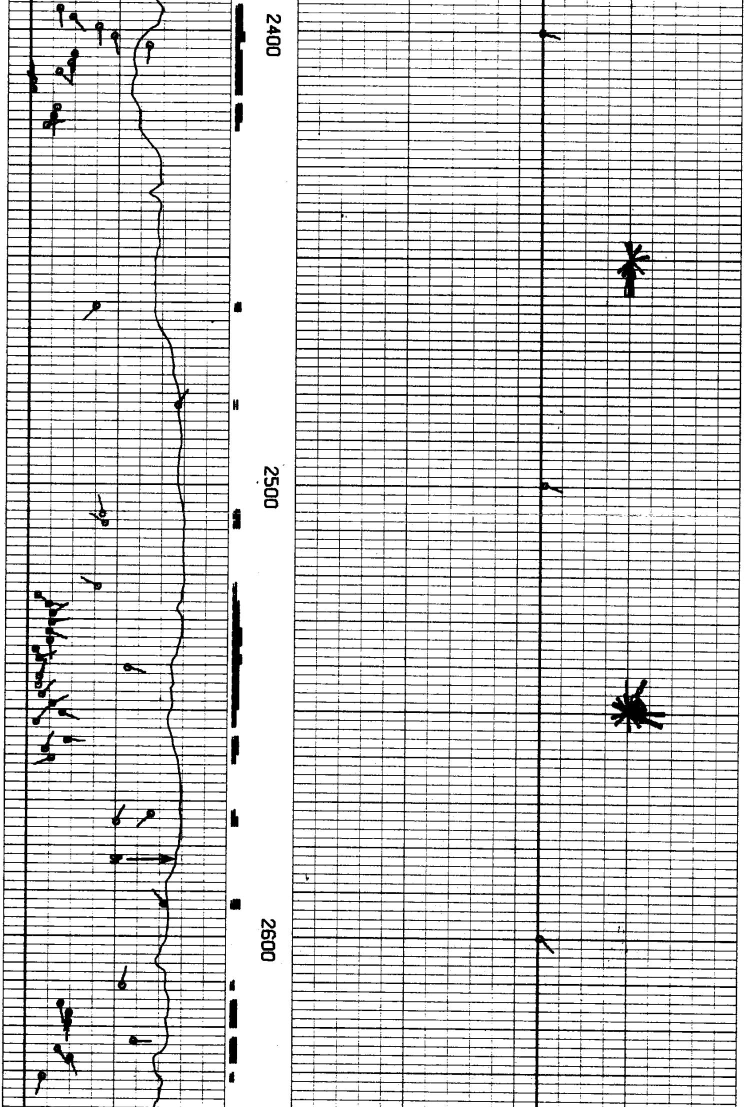


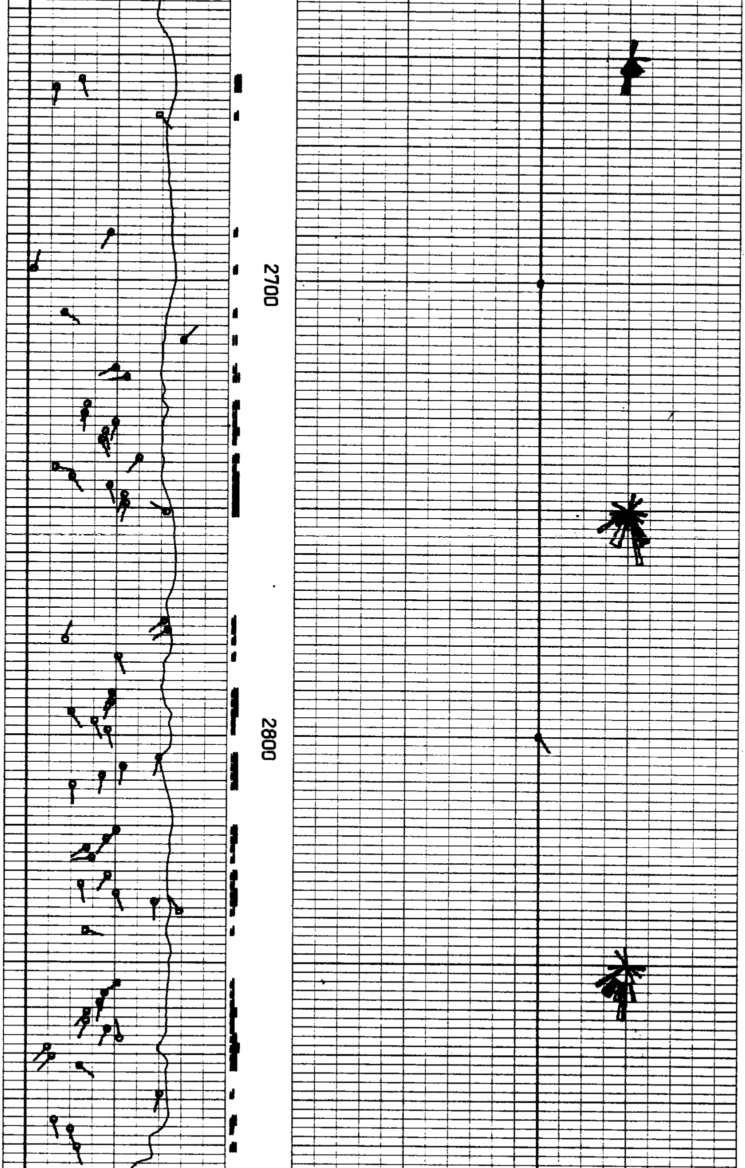


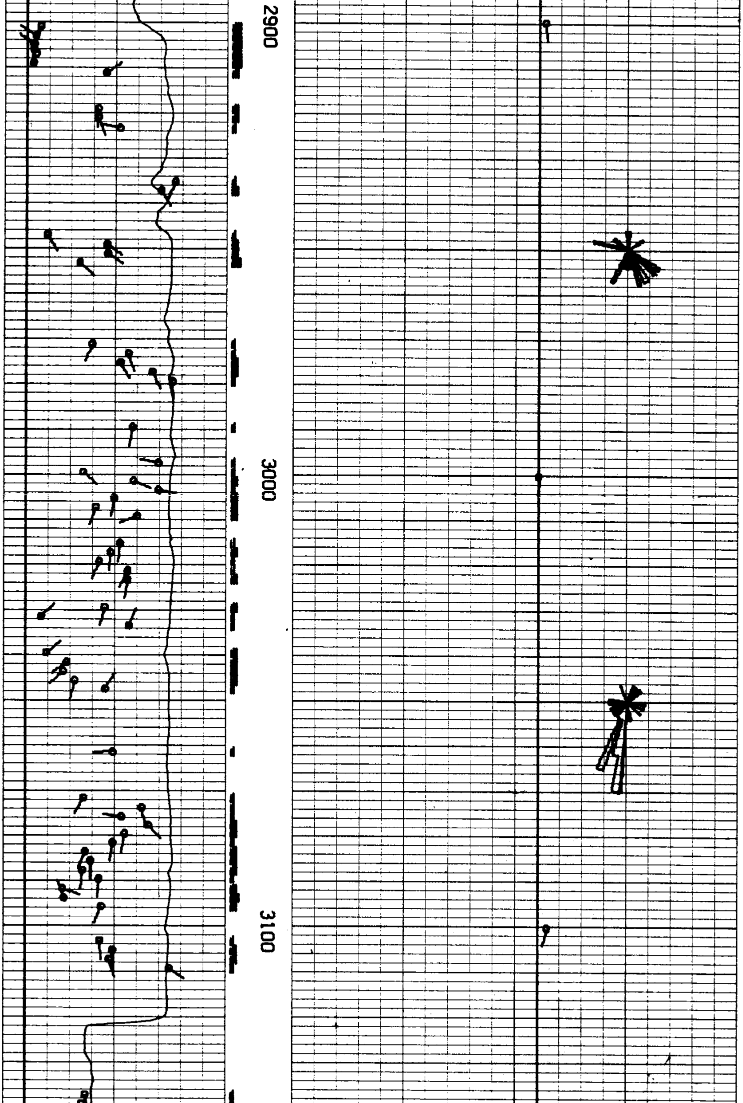


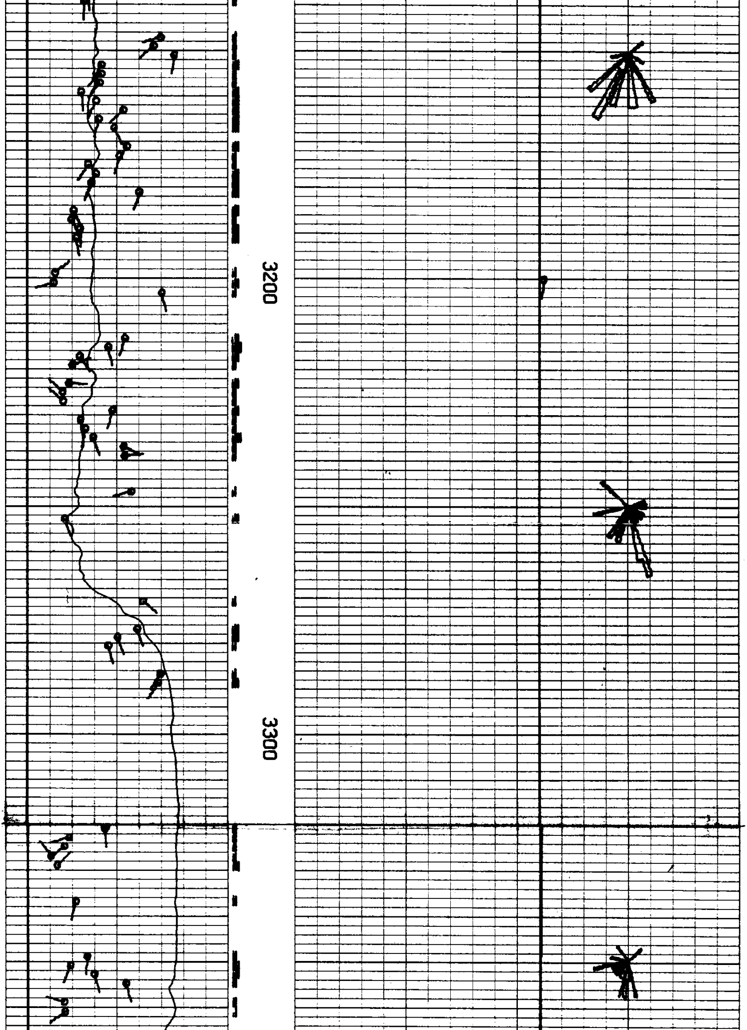


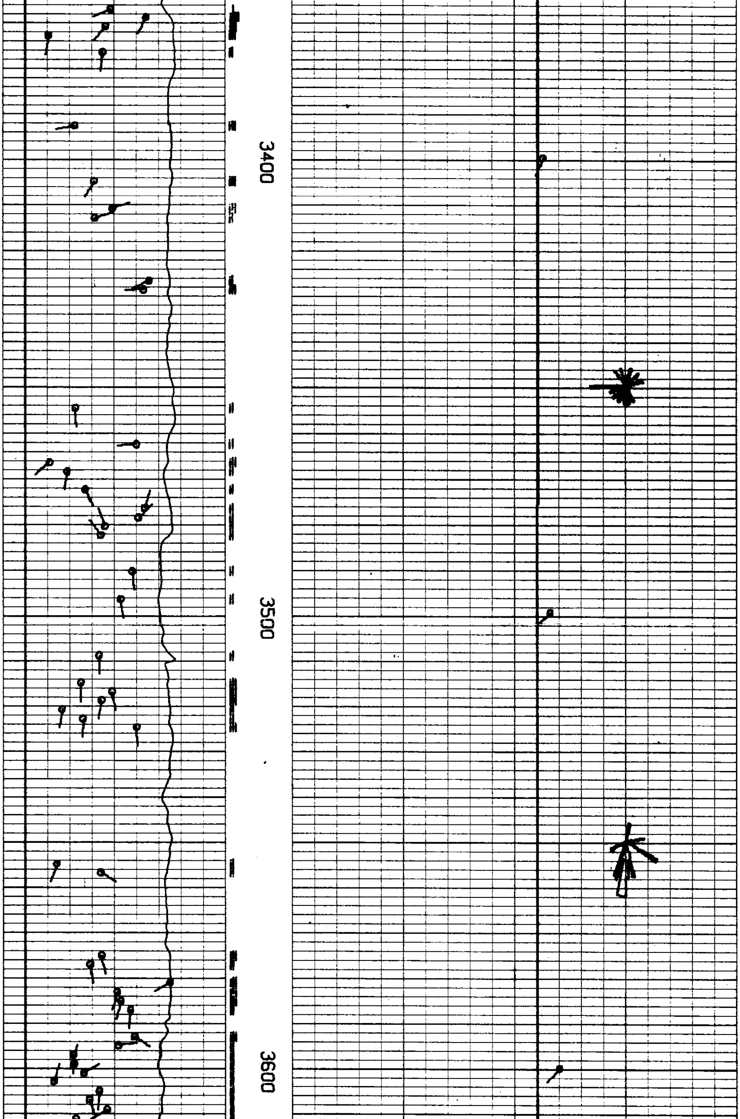


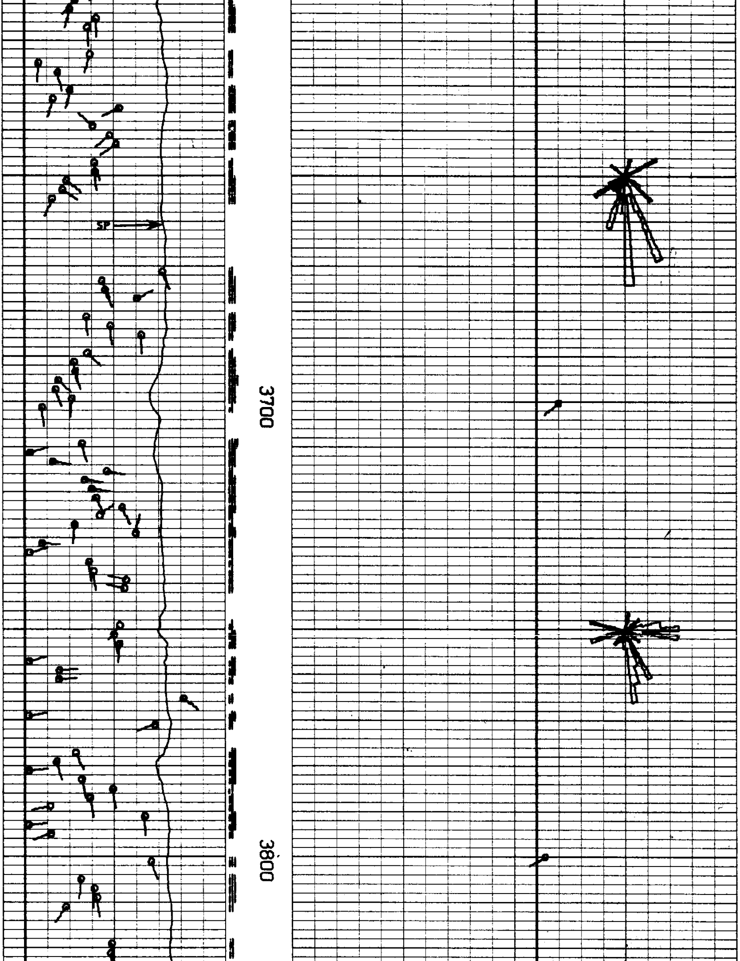


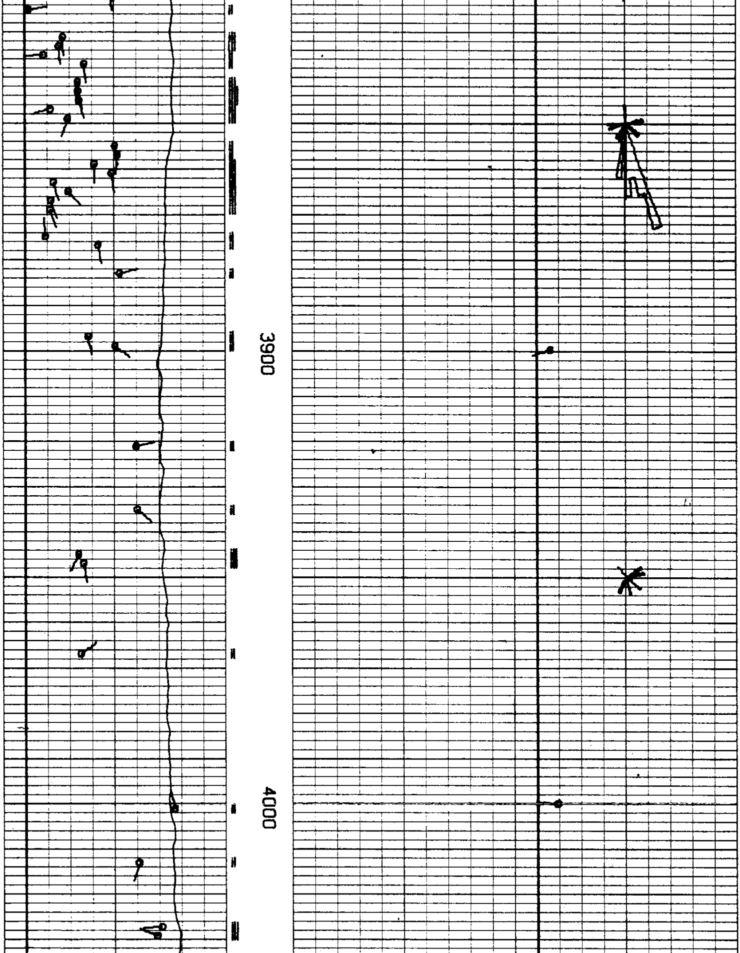


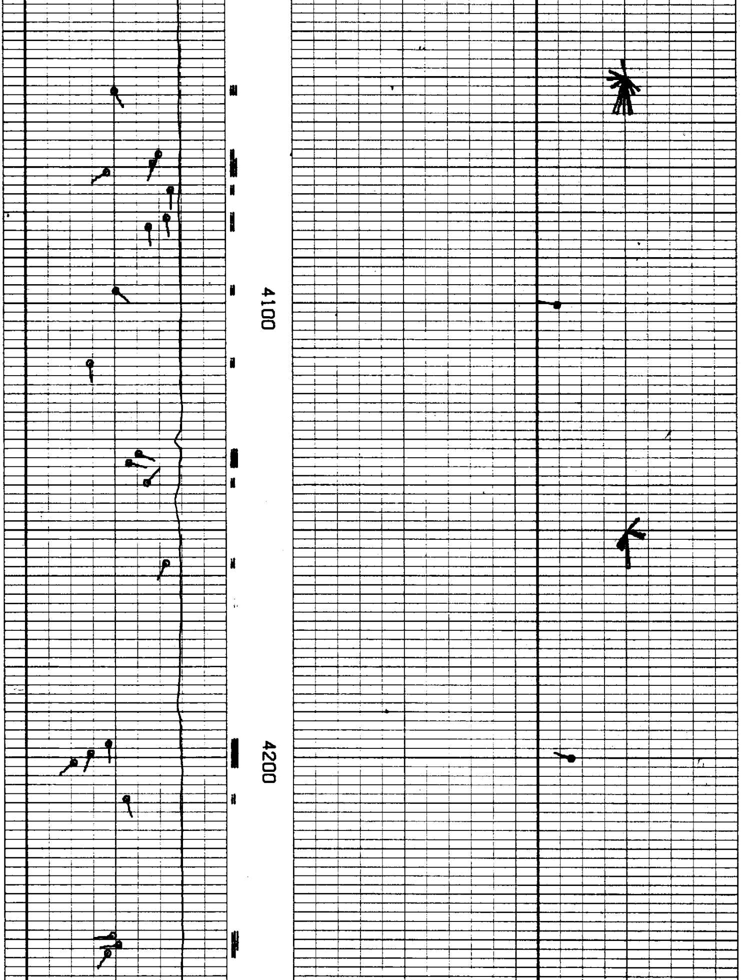


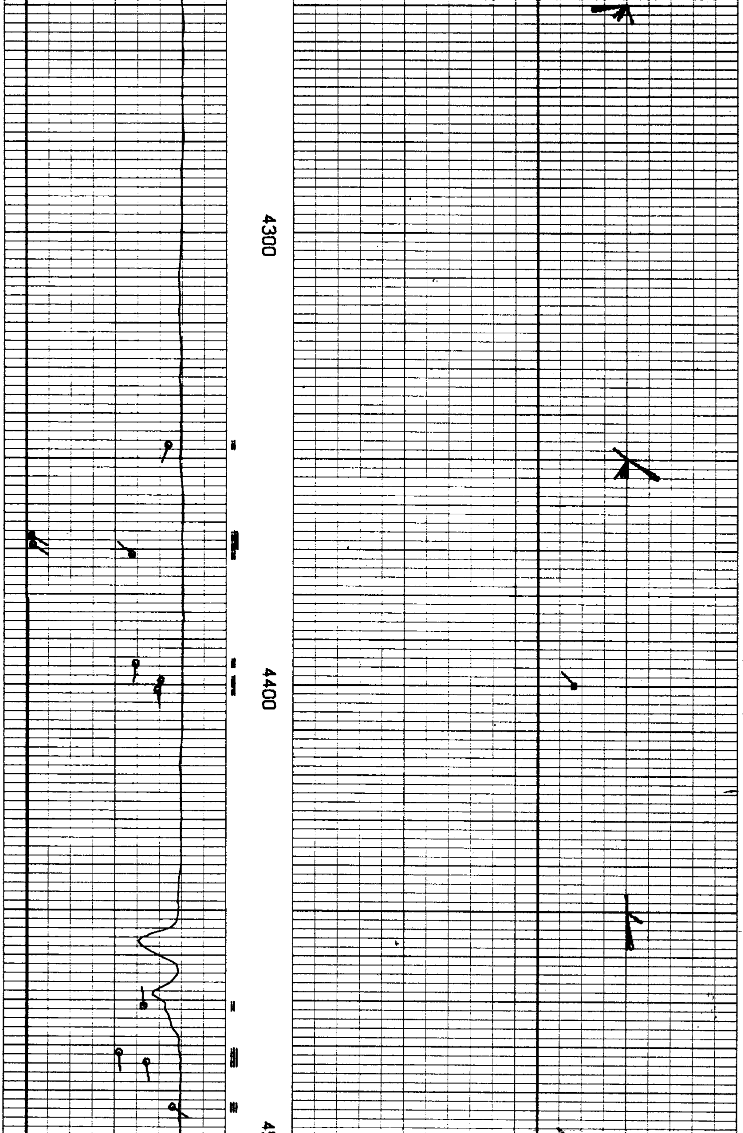


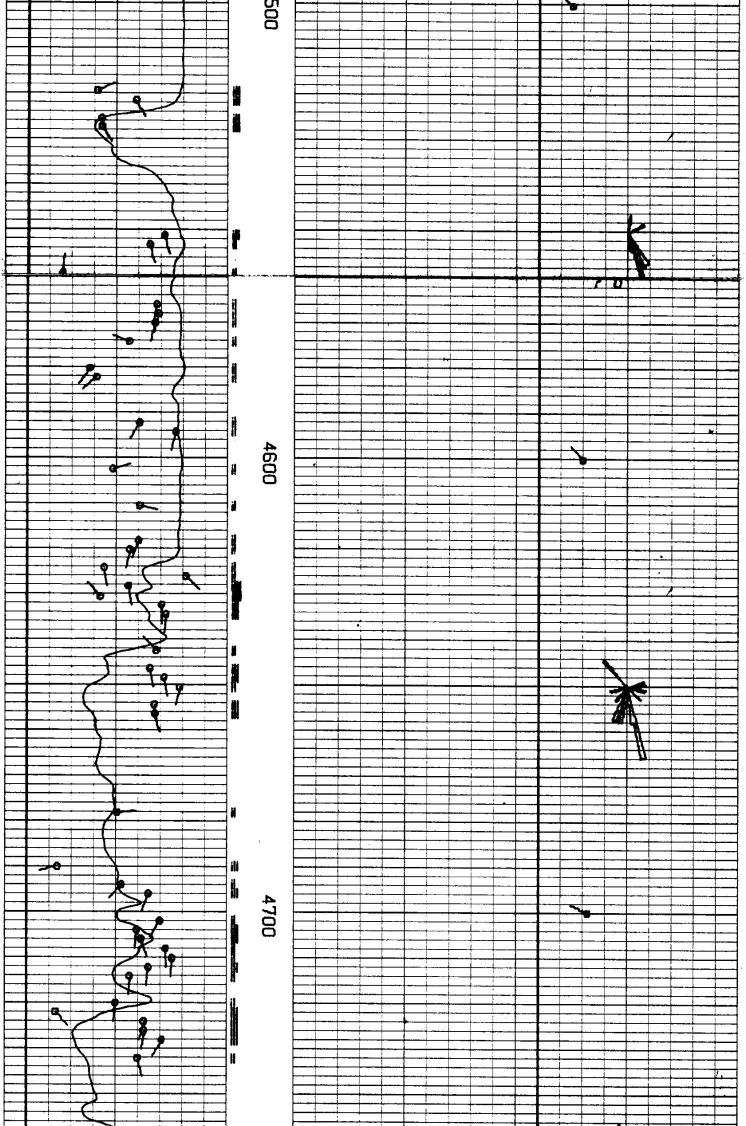


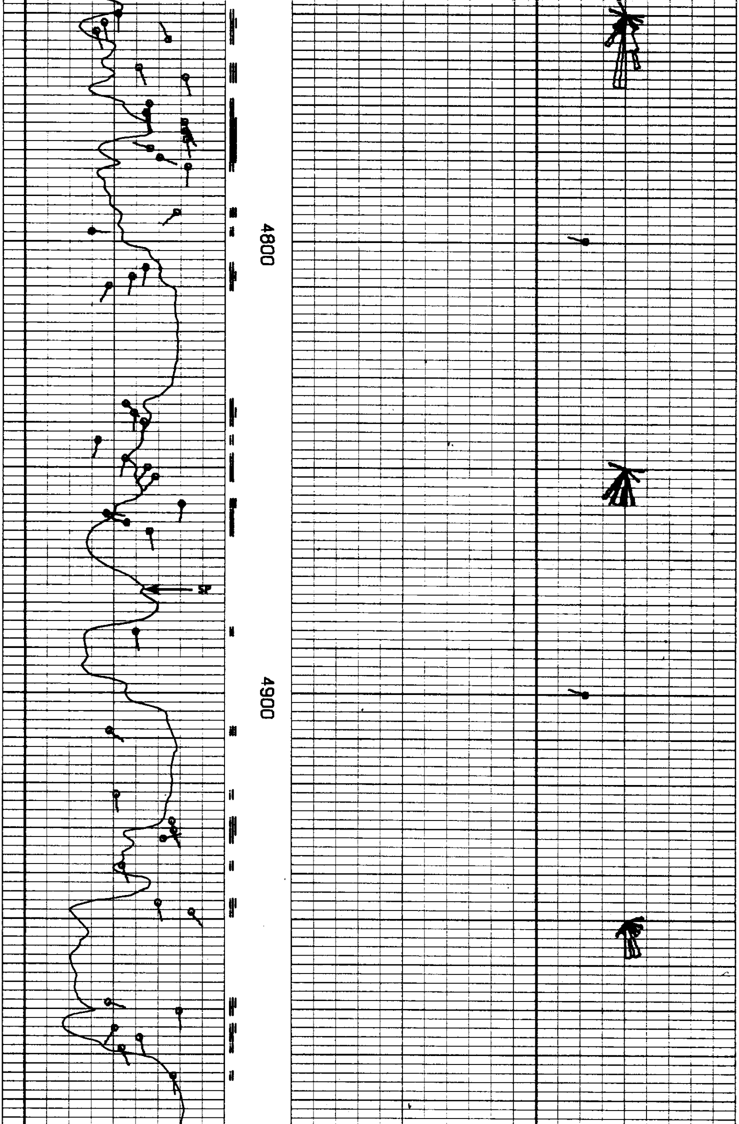


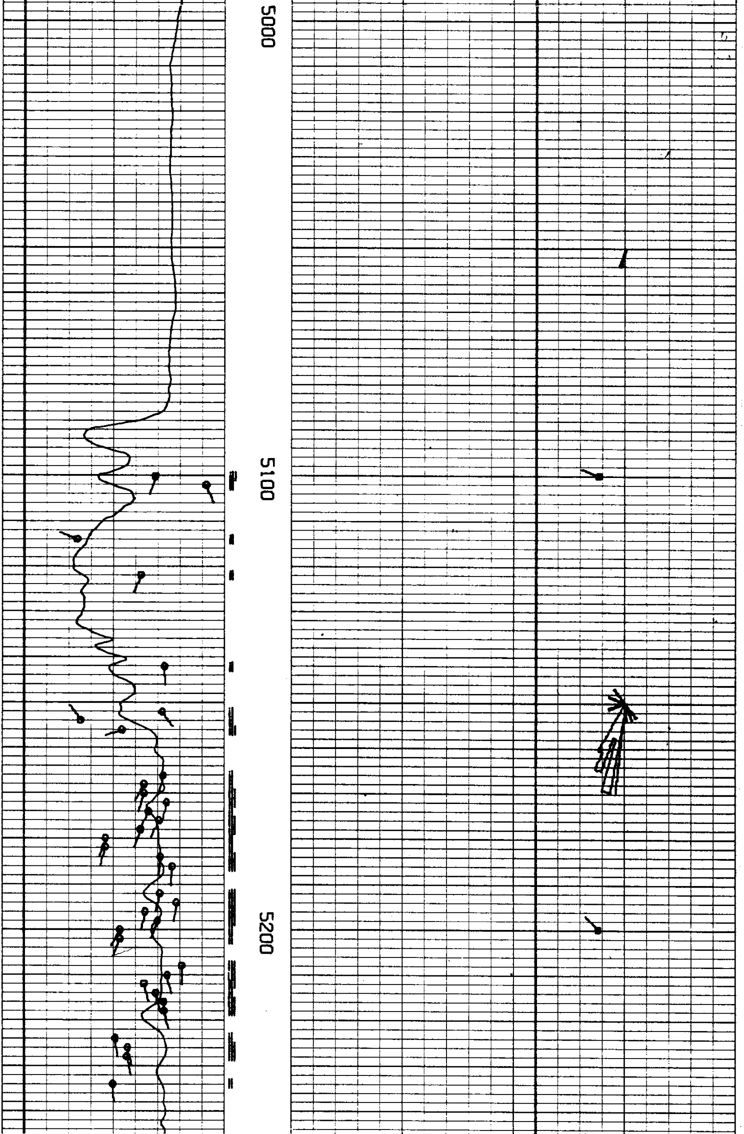


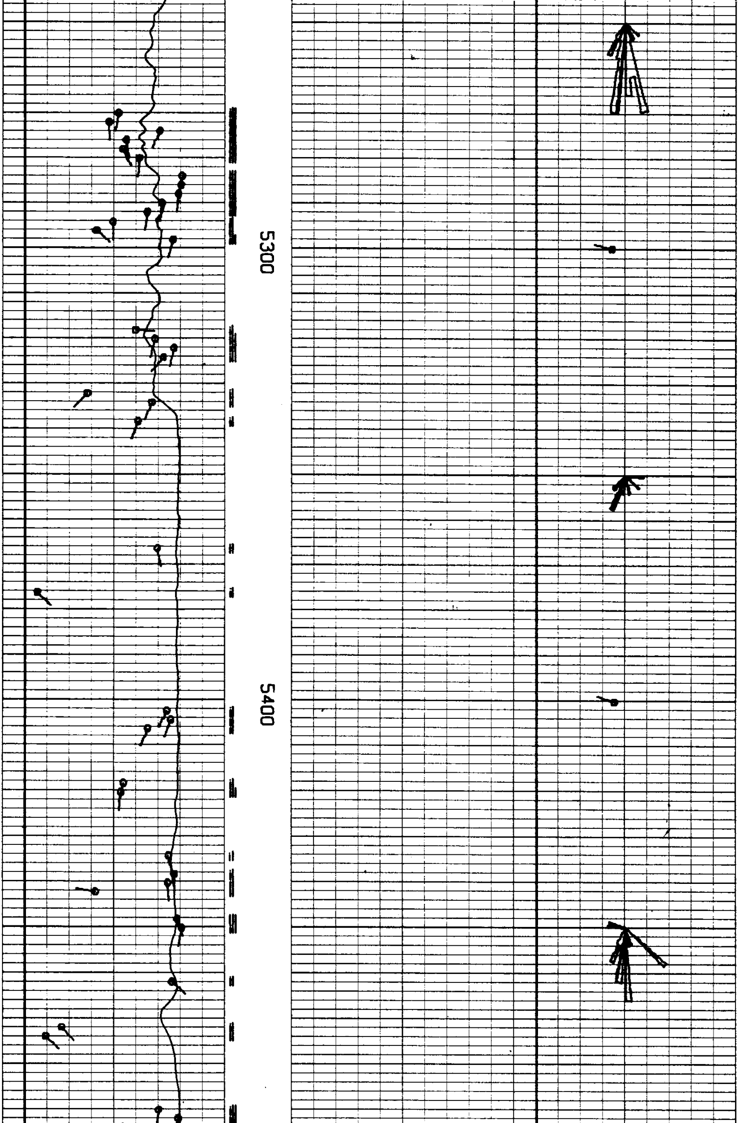


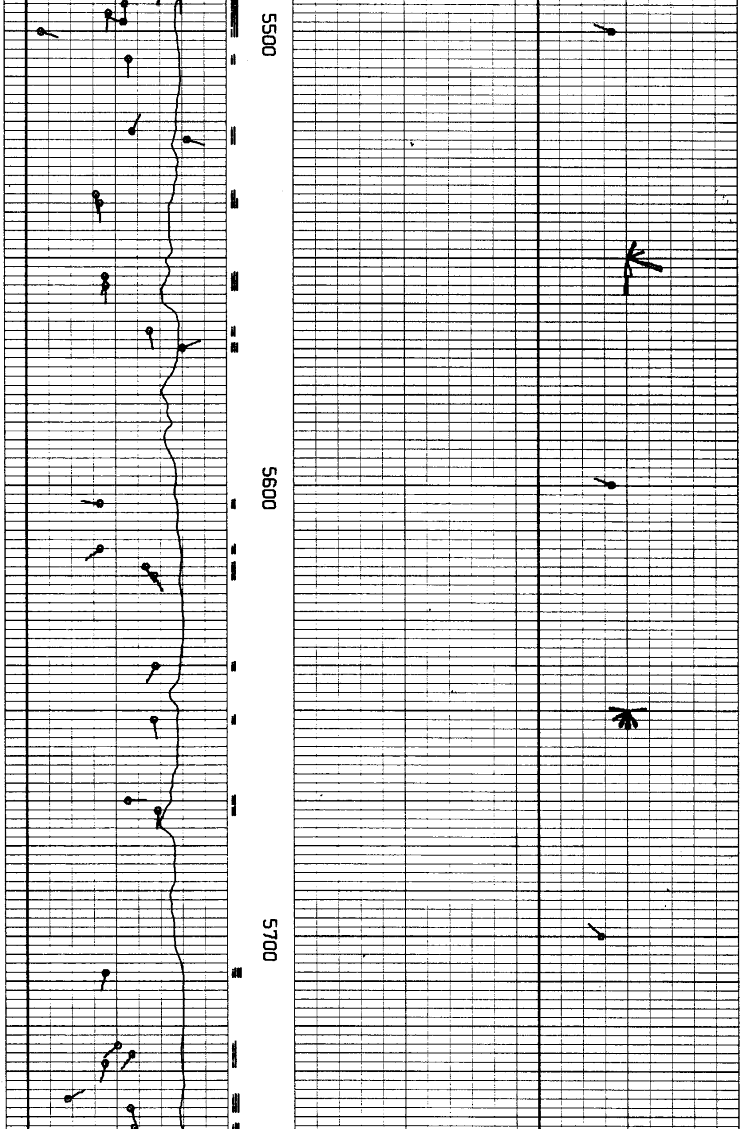


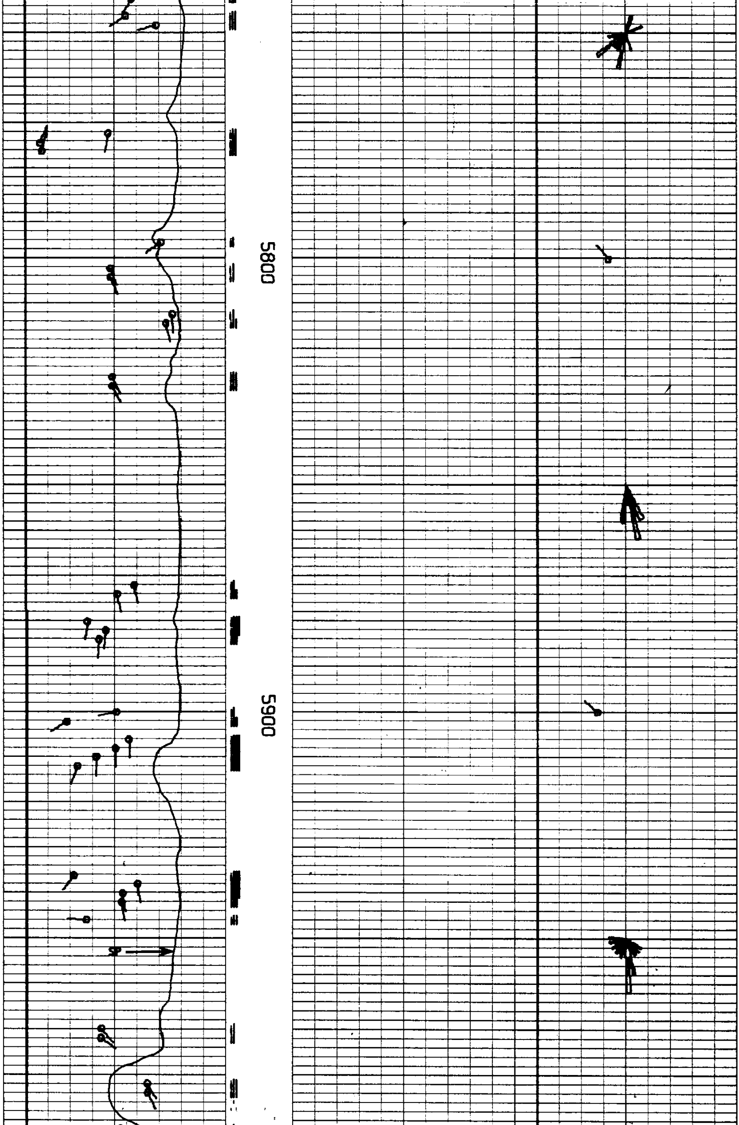


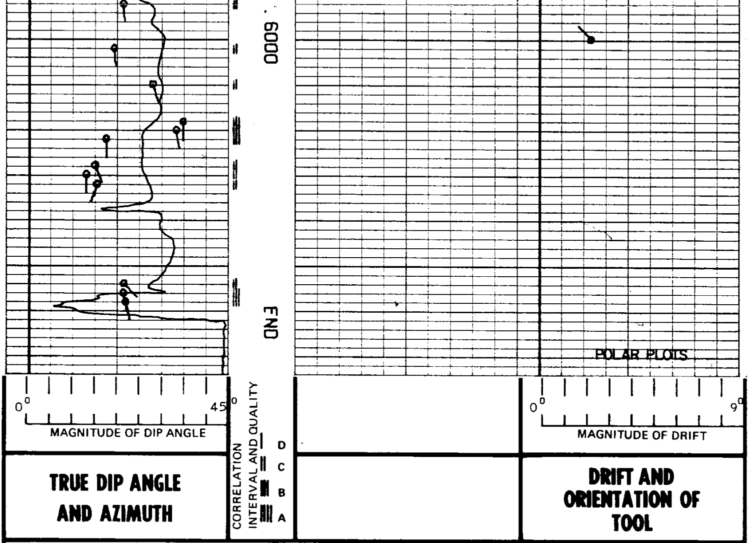












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T.D. LOGGED 6062
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T.D. WELEX 6064
ELEV: KB 628.6 GL 617.8