RECEIVED PTLD

SEP 30 1980

5" = 100'

COMPANY REICHHOLD ENERGY CORPORATION

WELL LONGVIEW FIBER NO.24-12

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA STATE OR.

DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION

WELL LONGVIEW FIBER NO.24-12

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA **STATE** OREGON

Location 987' NORTH & 759' WEST FROM THE SOUTH 1/4 CORNER OF:

Sec. 12 Twp. 6N Rge. 5W

Other Services: C/AVL DIG

Permanent Datum G.L. Elev. 629.69

Log Measured From K.B. OR 10.5 Ft. Above Perm. Datum

Drilling Measured From K.B.

Elev.: K.B. 640.19

D.F.

G.L. 629.69

Date	8-16-80		
Run No.	ONE		
Depth - Driller	2839		
Depth - Welex	2832		
Btm. Log Inter.	2030		
Top Log Inter.	400		
Casing - Driller	7 @ 404	@	@
Casing - Welex	404		
Bit Size	6 1/4		
Type Fluid in Hole	LIGNOSULF.		
Dens. Visc.	75 38-42		
pH Fluid Loss	9.7 15.2 ml	ml	ml
Source of Sample	CIRCULATED		
R_m @ Meas. Temp.	1.45 @ 67 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.20 @ 76 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	1.70 @ 78 °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED		
R_m @ BHT	0.92 @ 105 °F	@ °F	@ °F
Time Since Circ.	N/A		
Max. Rec. Temp.	105°F @BHT.	°F @	°F @
Equip. Location	2876 WOODLAND		
Recorded By	J. PARMELEE		
Witnessed By	W. BRUER		

Fold Here

Service Ticket No. 055078 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	0.98 @ 105°F	@ °F
R_{mf} @ BHT	0.87 @ 105°F	@ °F
R_{mc} @ BHT	1.26 @ 105°F	@ °F

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

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 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

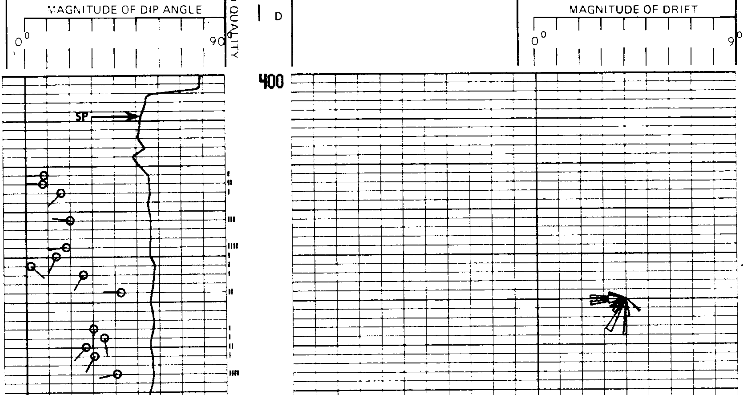
GRAPHIC PRESENTATION

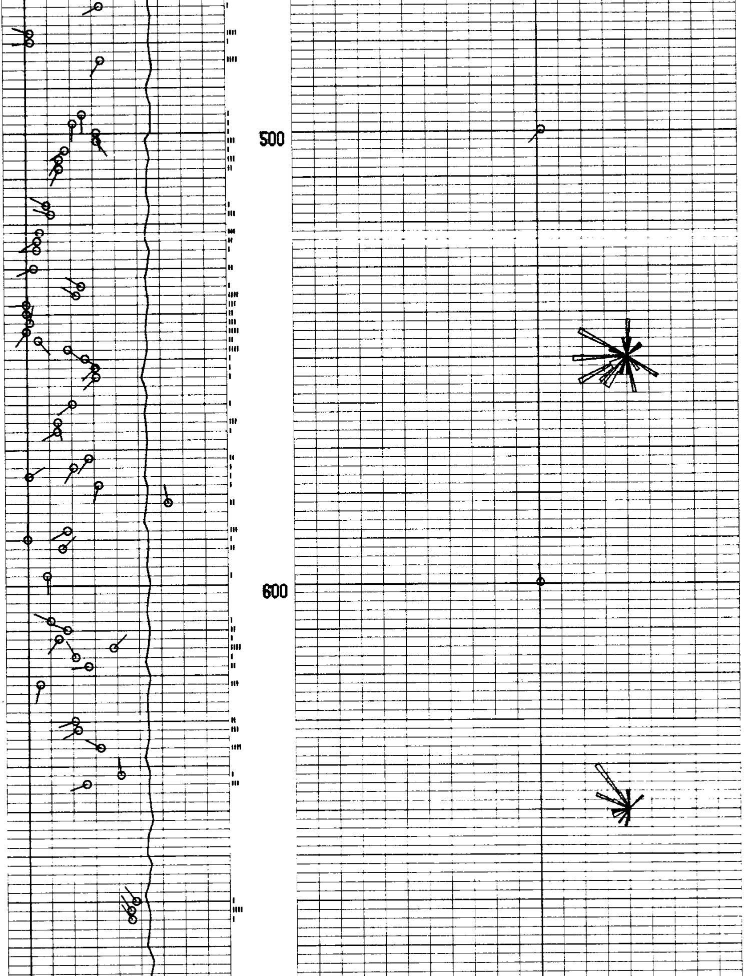
TRUE DIP ANGLE AND AZIMUTH

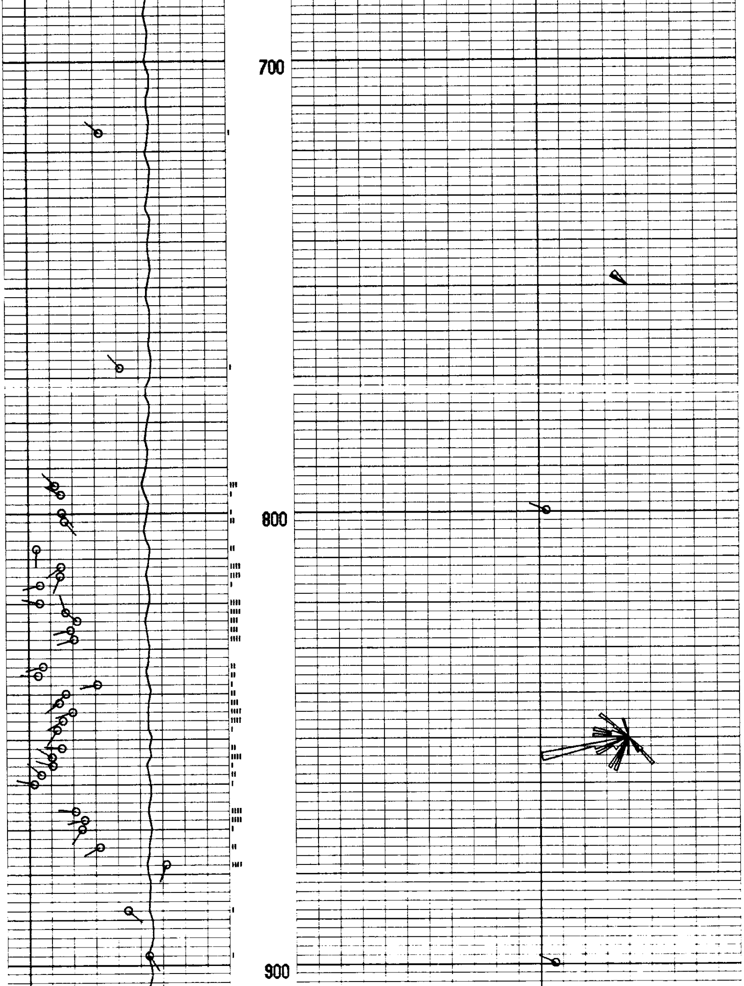
CORRELATION INTERVAL AND QUALITY

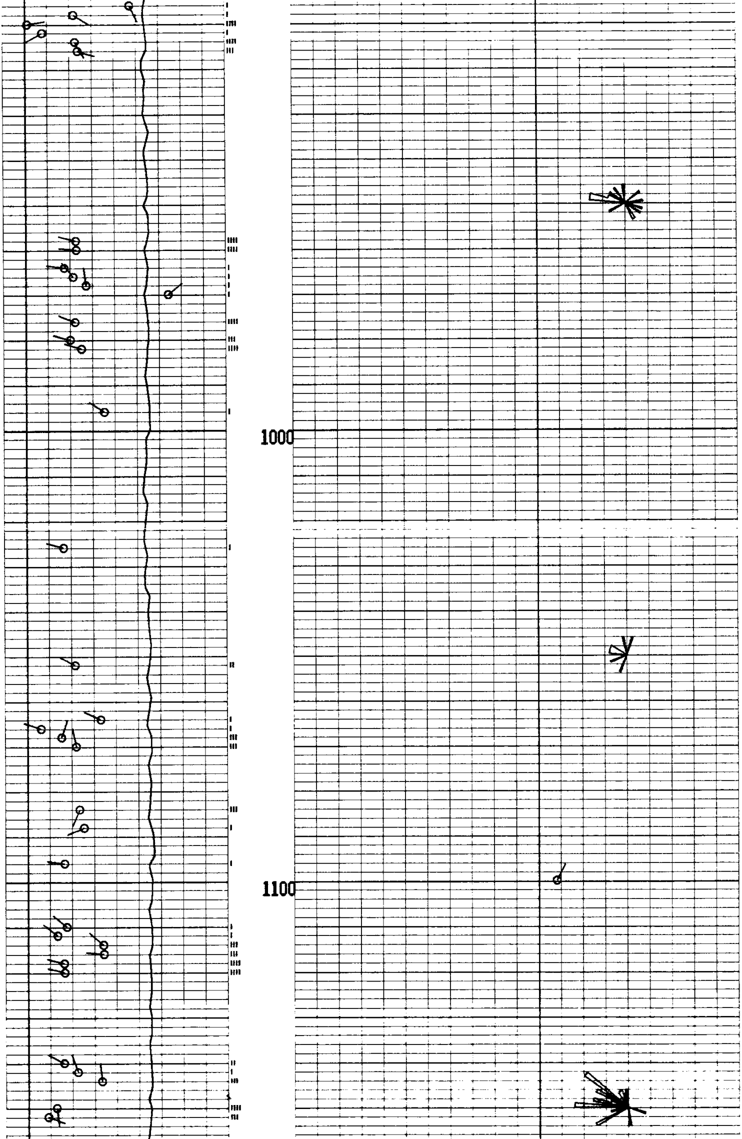
|||| A
||| B
|| C
| D

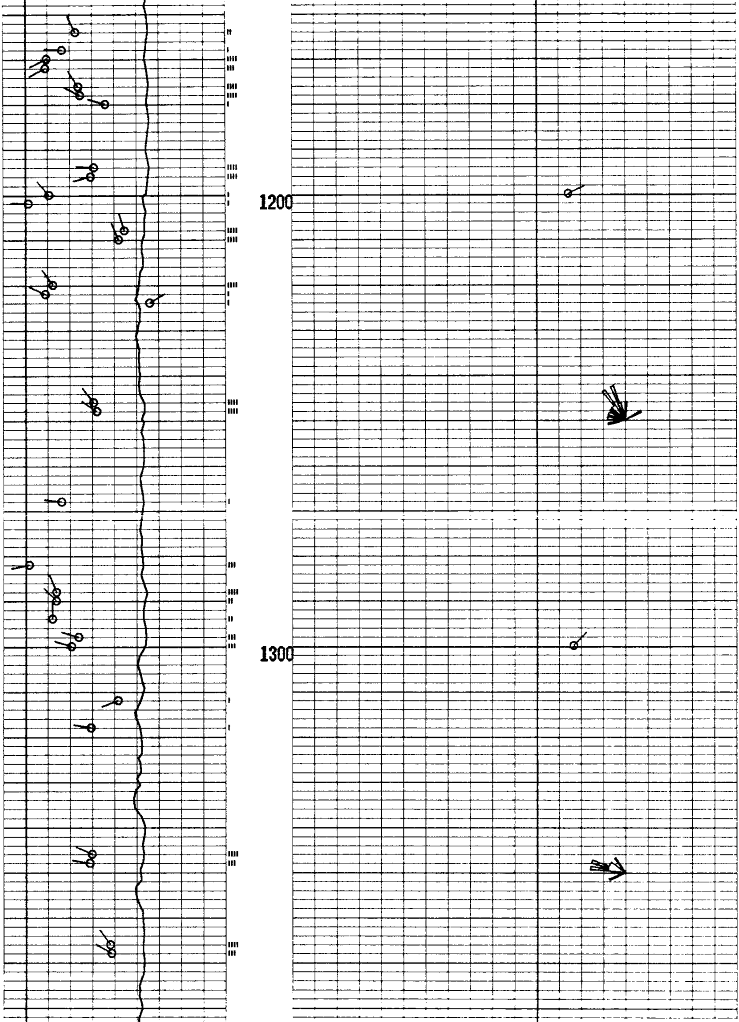
DRIFT AND ORIENTATION OF TOOL

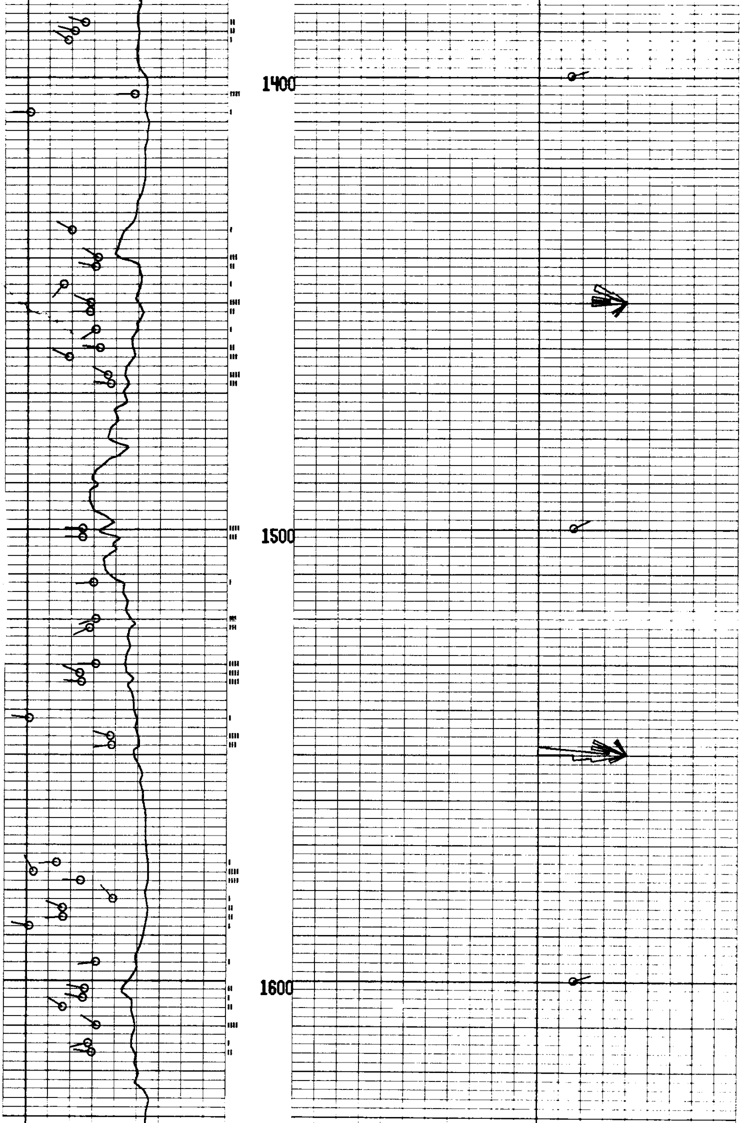


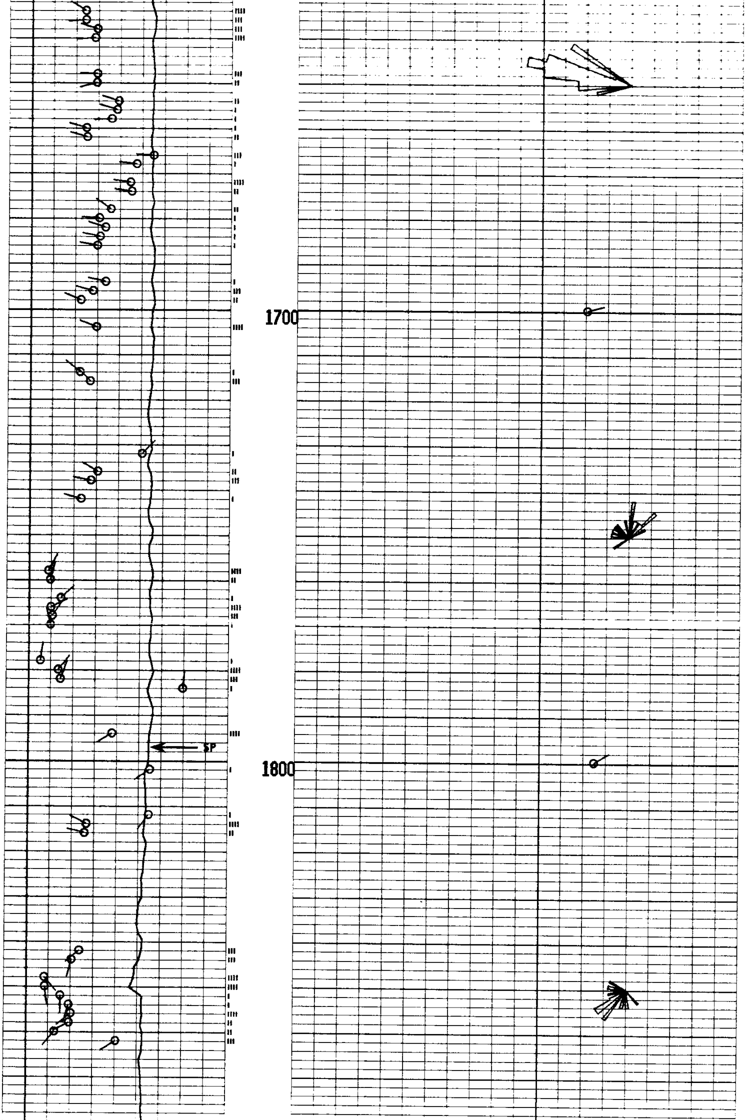


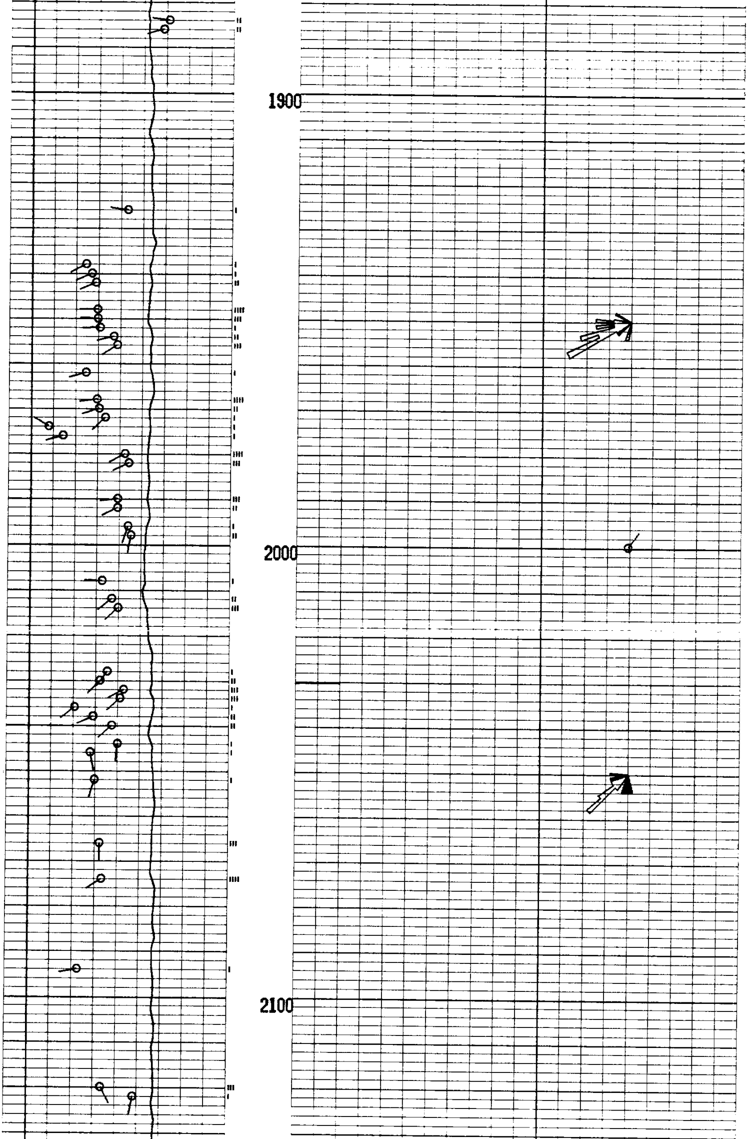


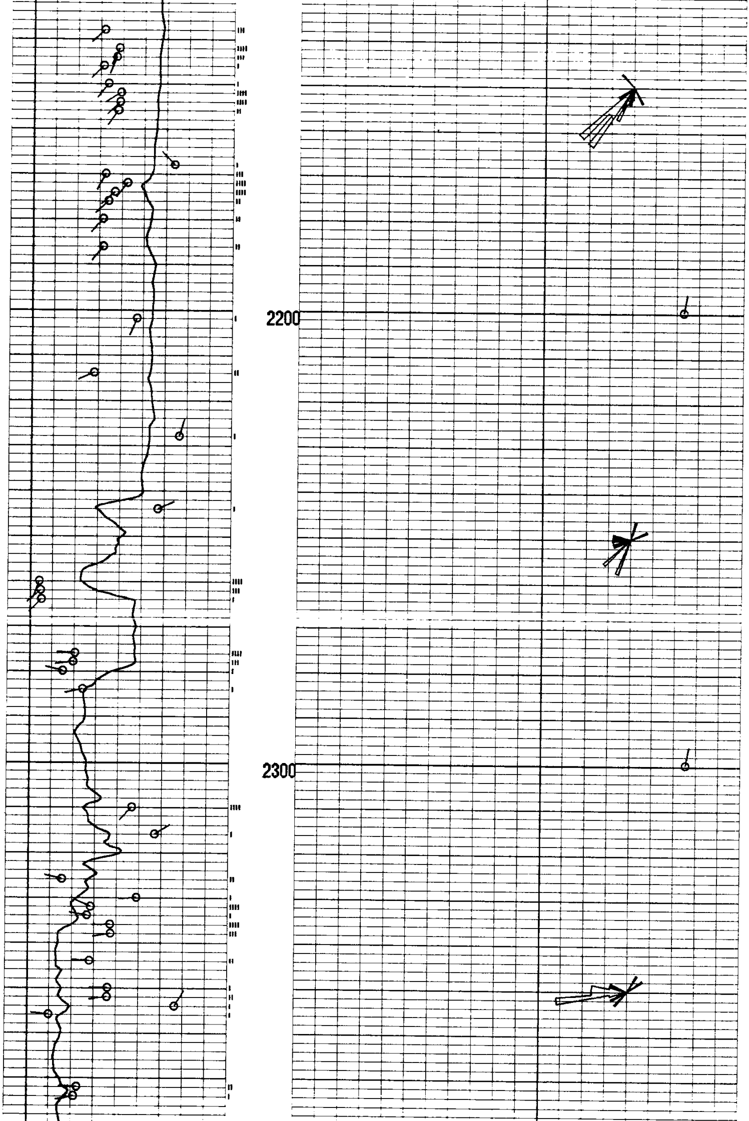


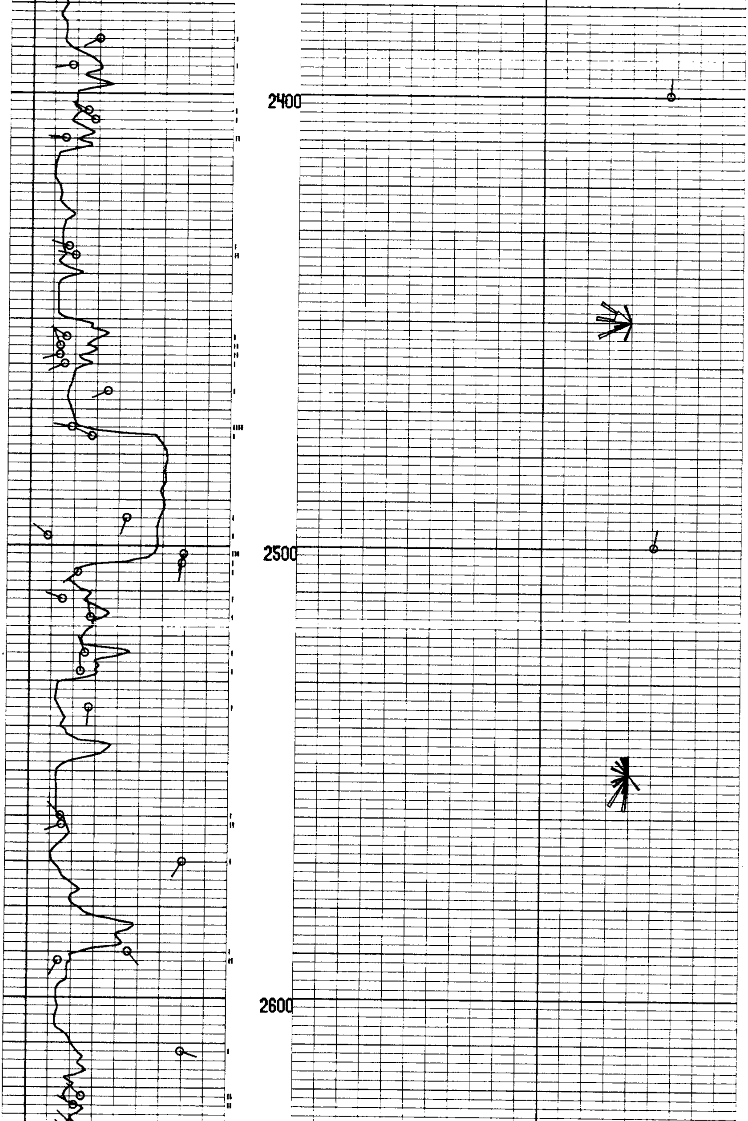


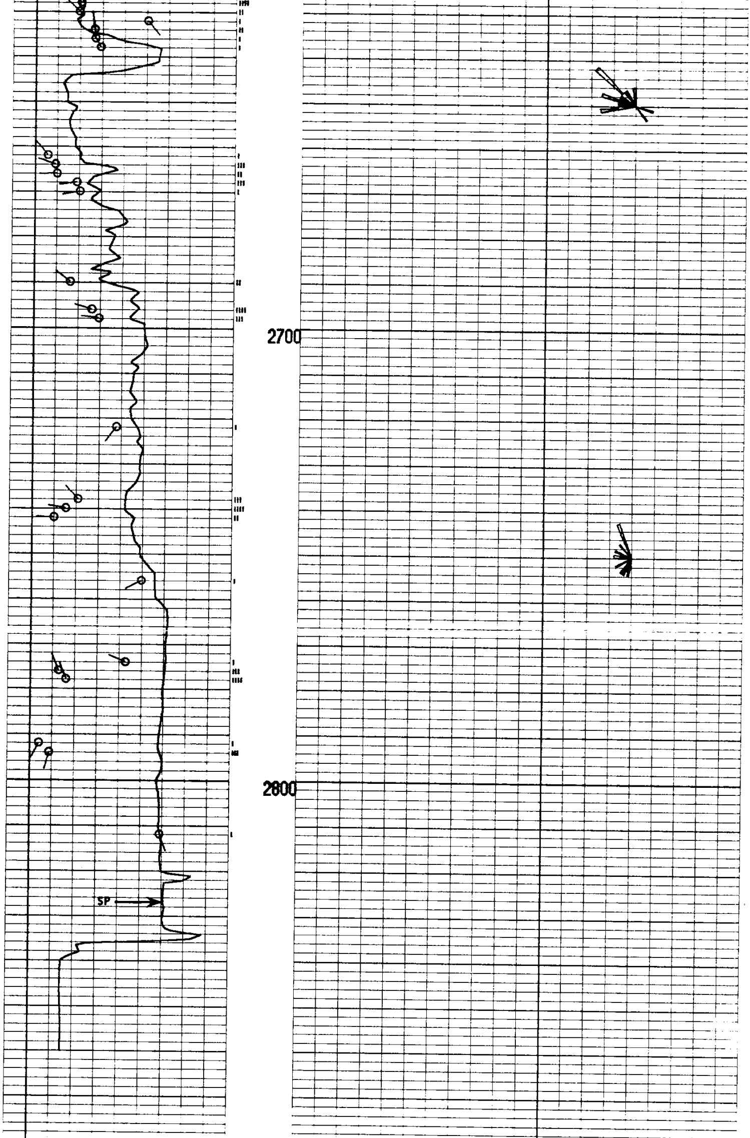












2900

0° 90°

MAGNITUDE OF DIP ANGLE

TRUE DIP ANGLE AND AZIMUTH

CORRELATION INTERVAL AND QUALITY

|	D
||	C
|||	B
||||	A

0° 9

MAGNITUDE OF DRIFT

DRIFT AND ORIENTATION OF TOOL

REICHHOLD ENERGY CORPORATION
LONGVIEW FIBER NO.24-12
MIST NEHALEM BASIN
COLUMBIA COUNTY, OREGON

T.D. LOGGED	2030
T.D. DRILLER	2039
T.D. WELEX	2032

ELEV: KB 640.19 GL 629.19