COMPANY REICHHOLD ENERGY CORPORATION
WELL CROWN ZELLERBACH 22-6
FIELD MIST NEHALEM BAS.
COUNTY COLUM. STATE ORE.

Welex
5"=100'

DIP LOG CALCULATIONS

RECEIVED-PTLD
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DEPT OF GEOLOGY & MINERAL INDUS.

COMPANY REICHHOLD ENERGY CORPORATION

WELL CROWN ZELLERBACH 22-6

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA **STATE** OREGON

Location 1584' SOUTH AND 468' WEST FROM THE NORTH QUARTER CORNER OF:
Sec. 6 Twp. 6N Rge. 4W WBSM

Other Services:
DIG
C/AVL

Permanent Datum G.L. Elev. 1424.6
Log Measured From K.B. OR 10.5 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 1435.1
D.F.
G.L. 1424.6

Date	9-29-80			
Run No.	ONE			
Depth - Driller	3671			
Depth - Welex	3670			
Btm. Log Inter.	3668			
Top Log Inter.	440			
Casing - Driller	440 @ 7	@	@	@
Casing - Welex	440			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNOSULF			
Dens. | Visc.	40 | 145	|	|	|
pH | Fluid Loss	9.5 | 1350 ml	| ml	| ml	| ml
Source of Sample	PIT			
R_m @ Meas. Temp.	5.1 @ 68 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	5.1 @ 68 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	5.1 @ 65 °F	@ °F	@ °F	@ °F
Source R_{mf} | R_{mc}	MEASURED	|	|	|
R_m @ BHT	241 @ 119 °F	@ °F	@ °F	@ °F
Time Since Circ.	2 HOURS			
Max. Rec. Temp.	119 °F @ BHT	°F @	°F @	°F @
Equip. | Location	2876 | WDLND	|	|	|
Recorded By	J. PARMELEE			
Witnessed By	BRIER			

Fold Here

Service Ticket No. 055088 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	2.41 @ 119 °F	@ °F
R_{mf} @ BHT	2.41 @ 119 °F	@ °F
R_{mc} @ BHT	2.78 @ 119 °F	@ °F

Run No.	1	2	3	4
Tool Type				
Tool Number				
Pad Type				
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 21.5° 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

TRUE DIP ANGLE AND AZIMUTH

MAGNITUDE OF DIP ANGLE

0° 90°

CORRELATION INTERVAL AND QUALITY

|||| A

||| B

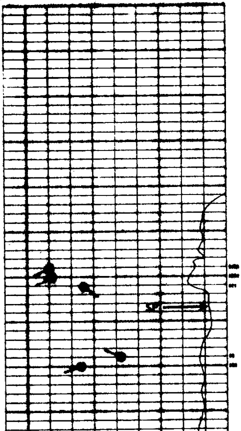
|| C

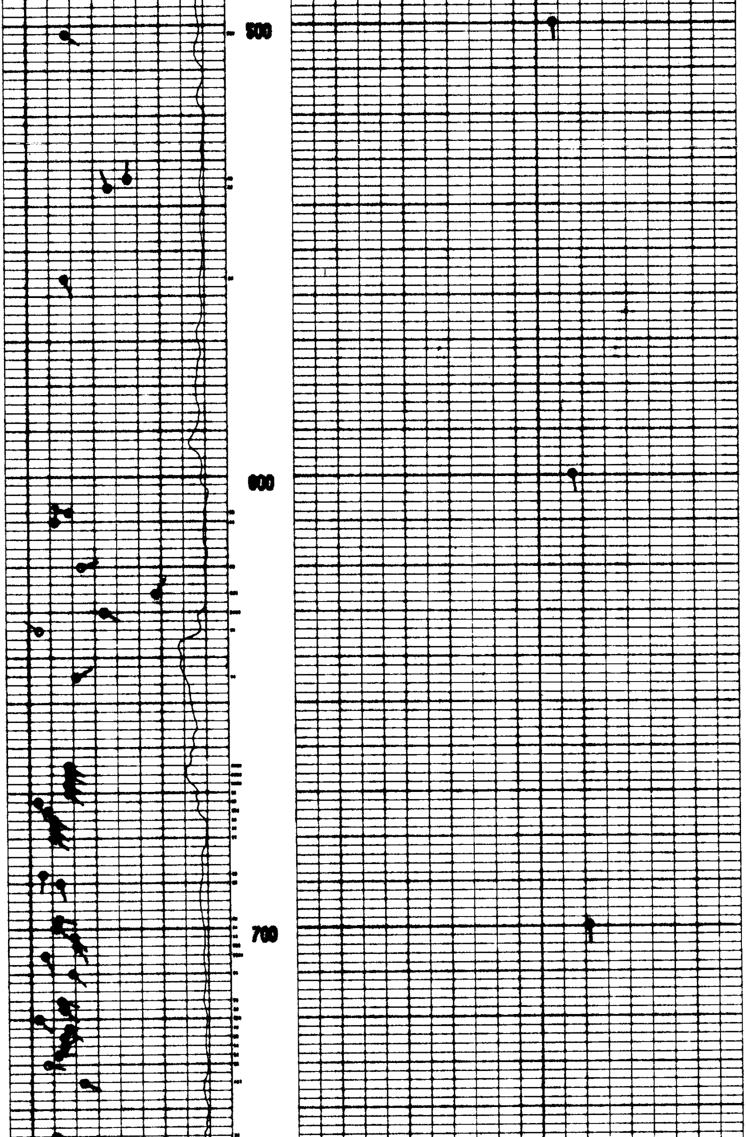
| D

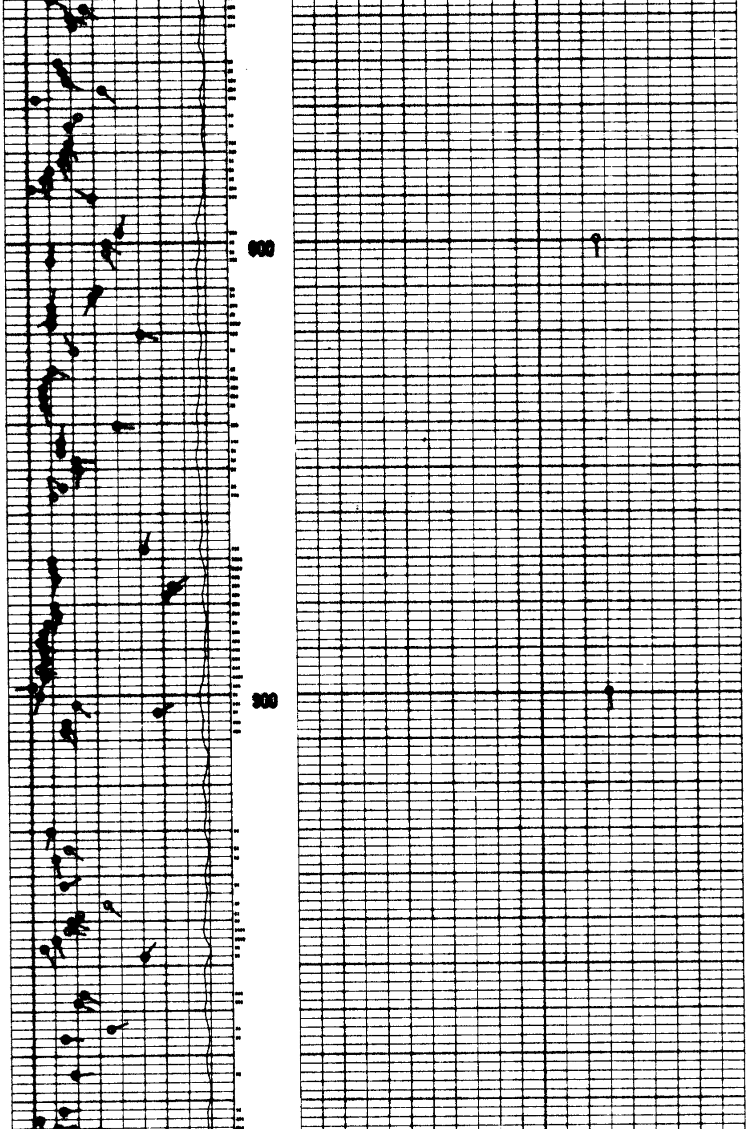
DRIFT AND ORIENTATION OF TOOL

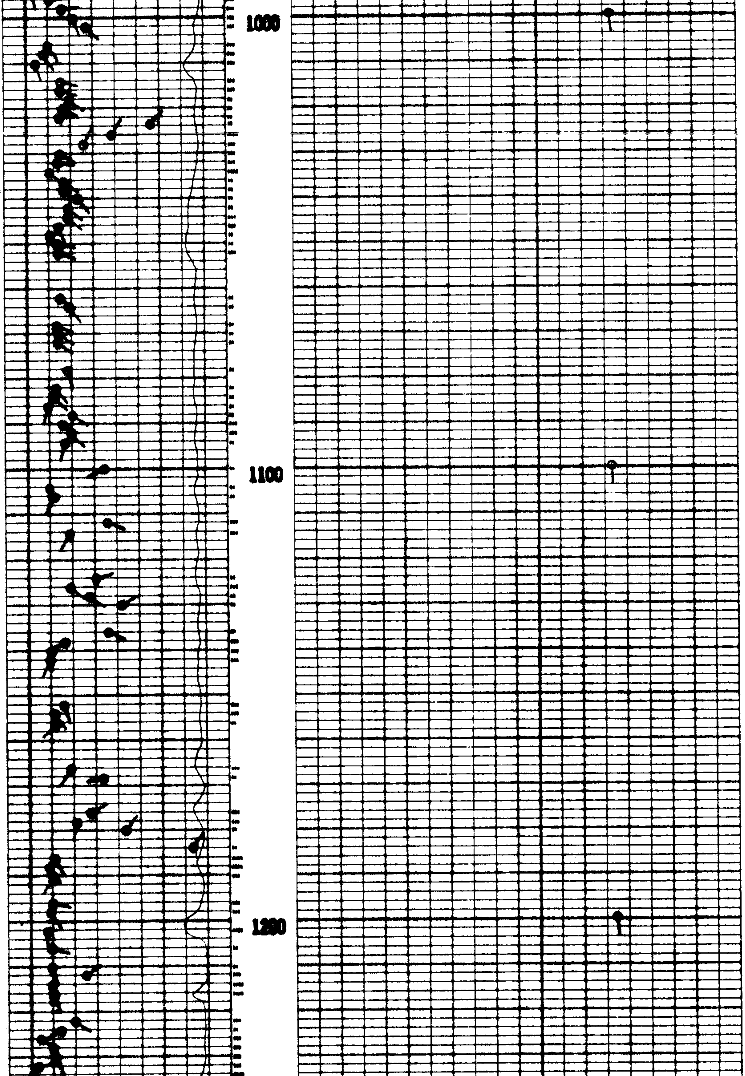
MAGNITUDE OF DRIFT

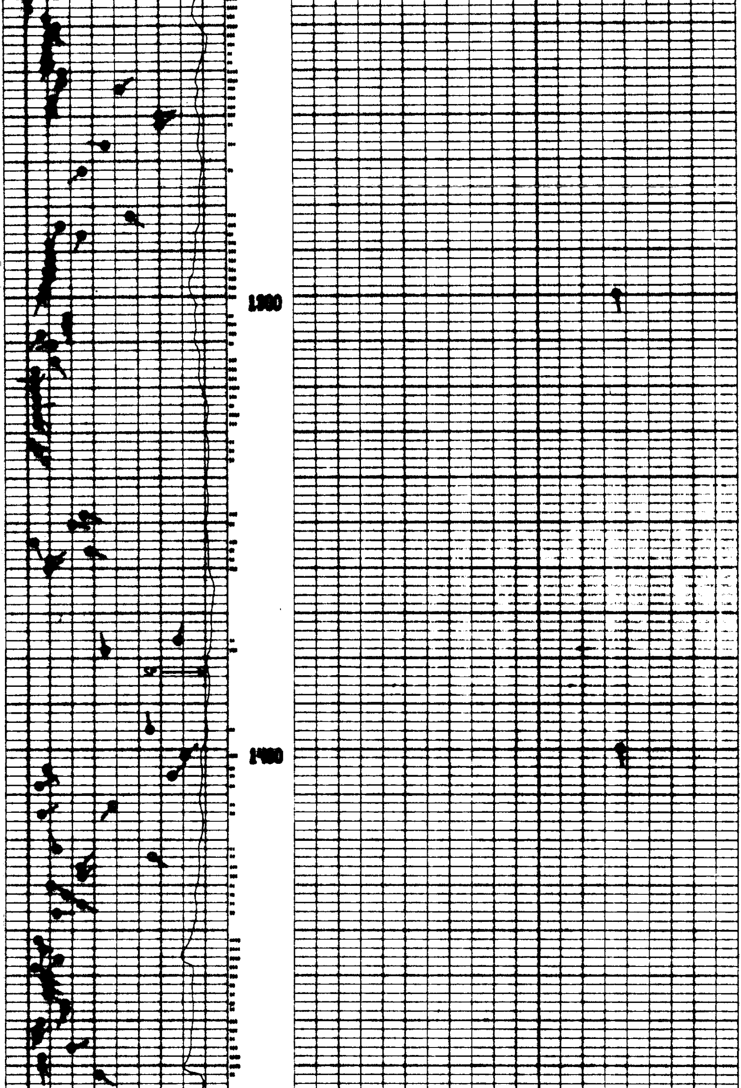
0° 60°

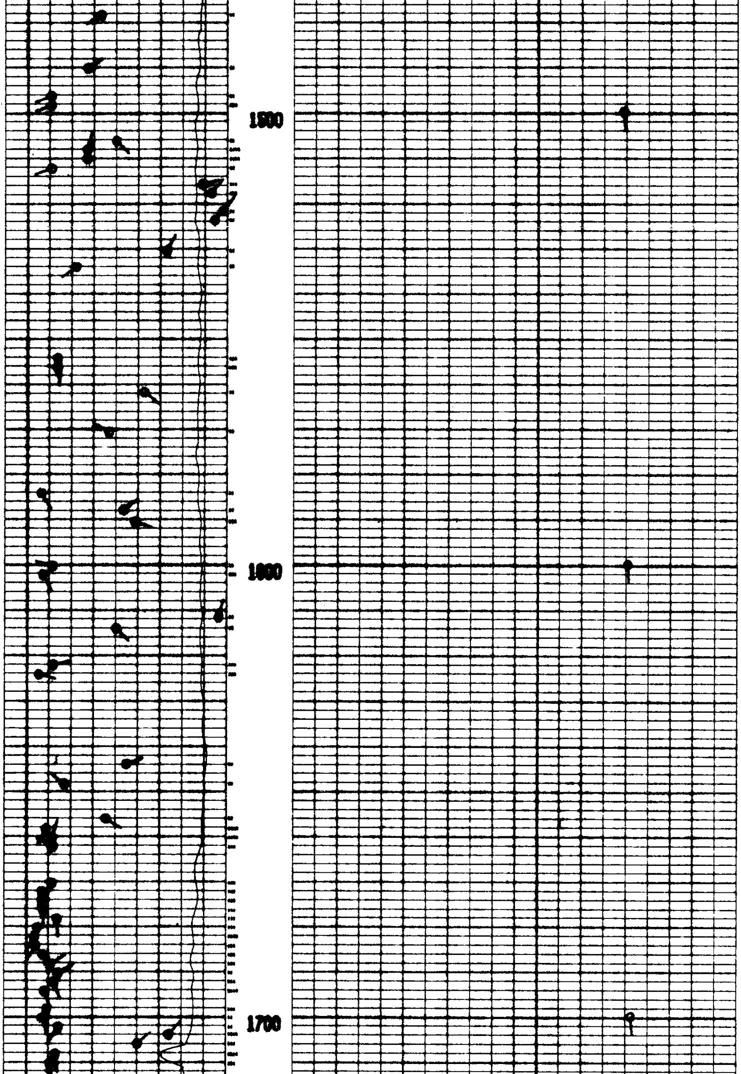


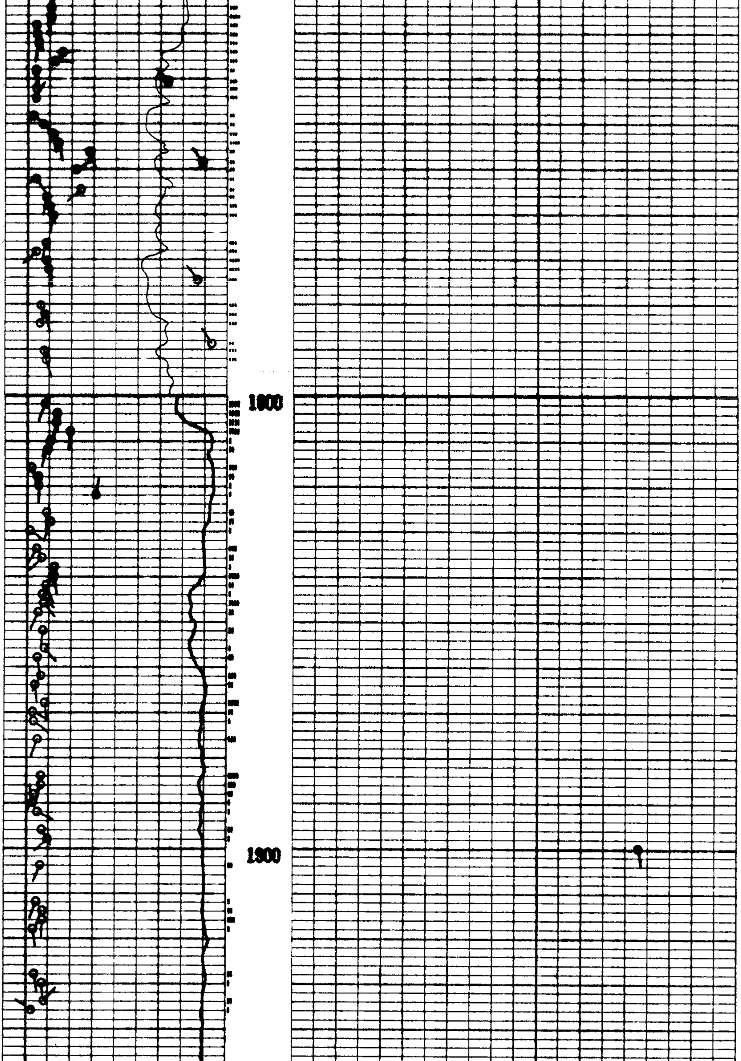


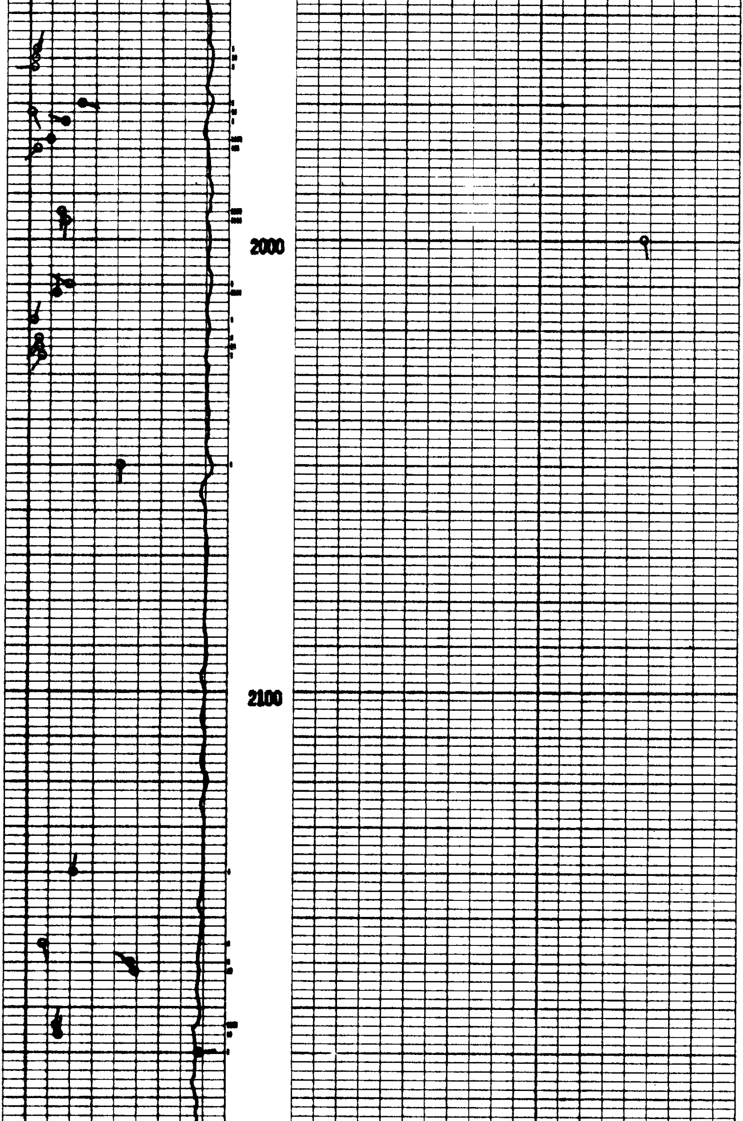


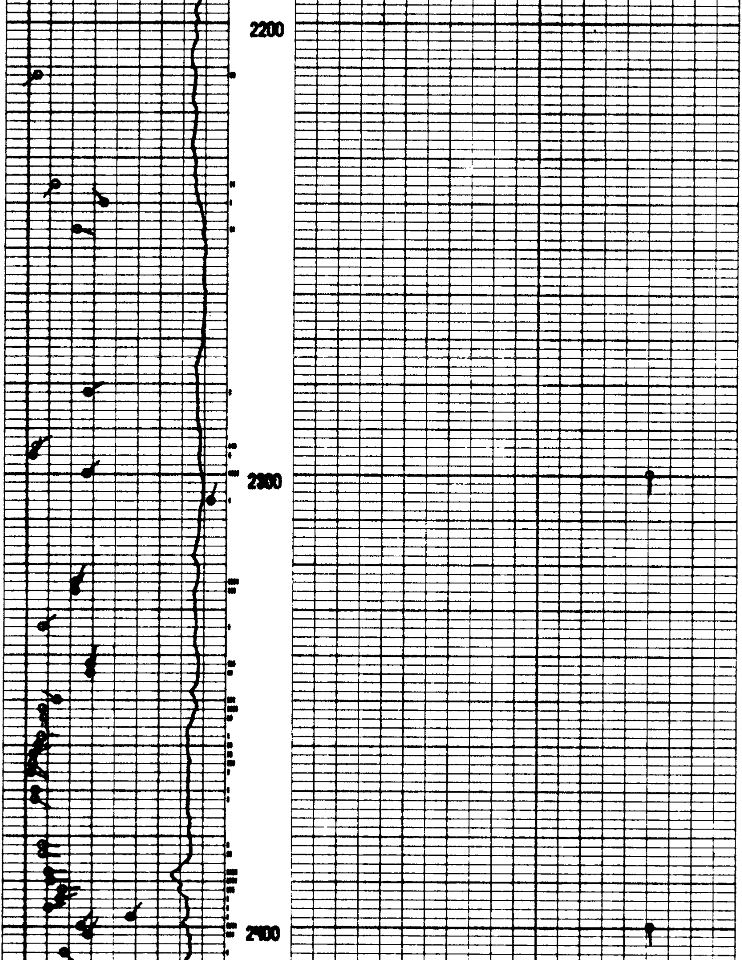


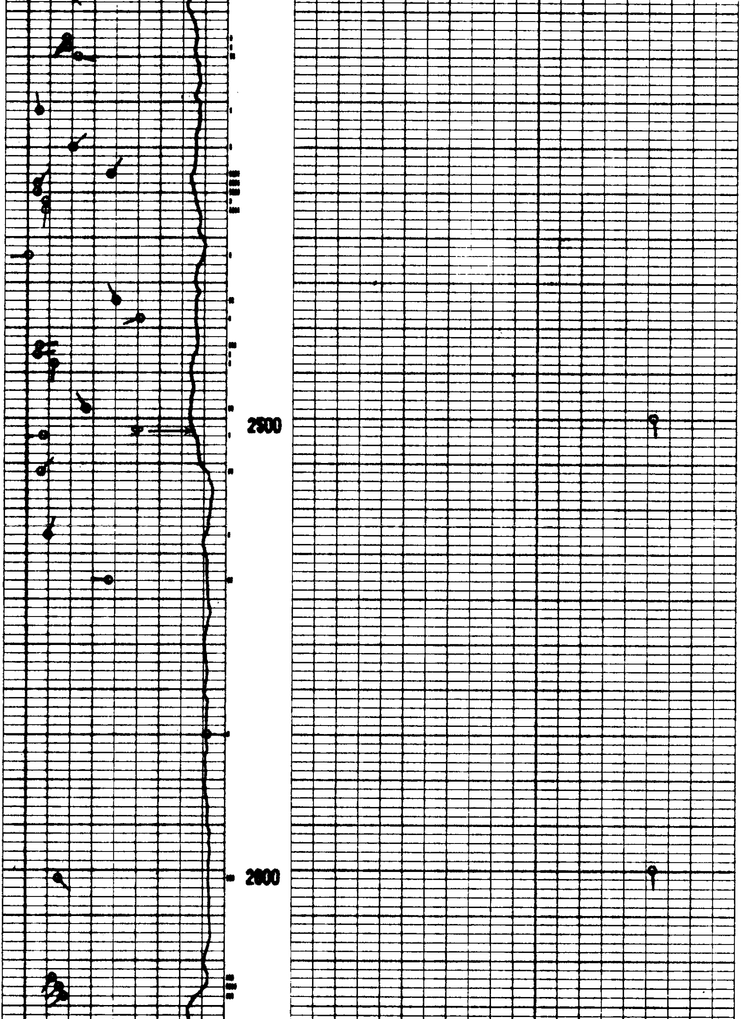


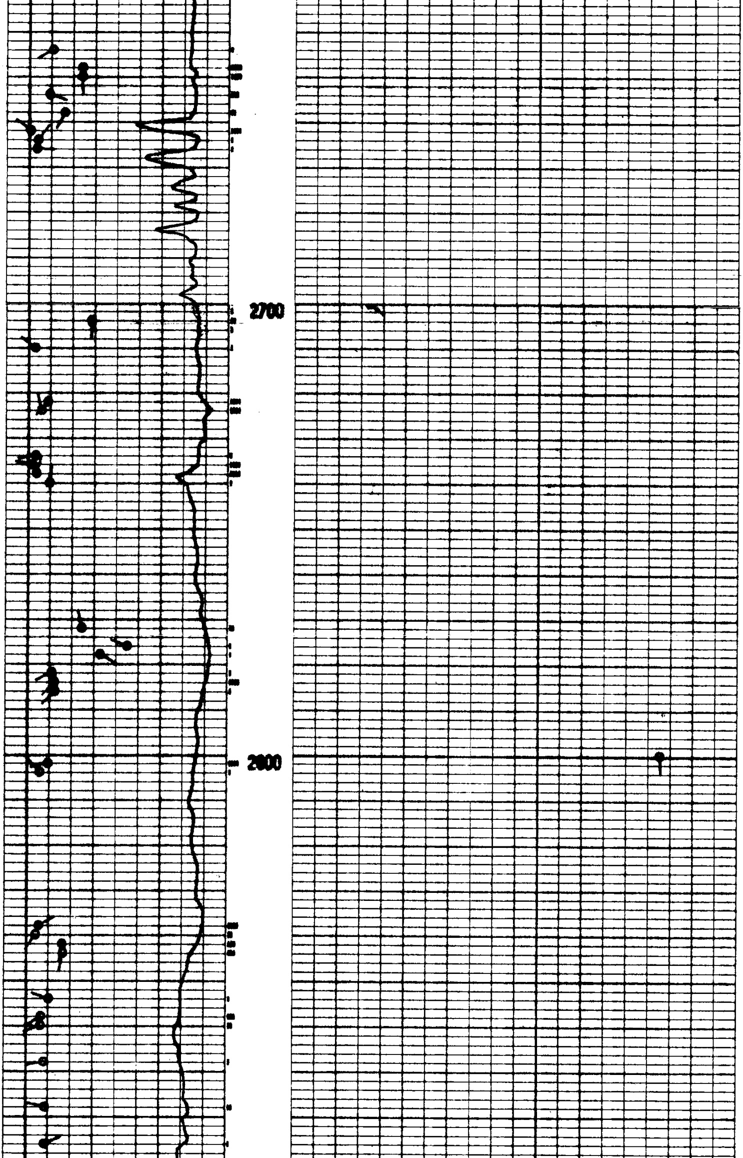


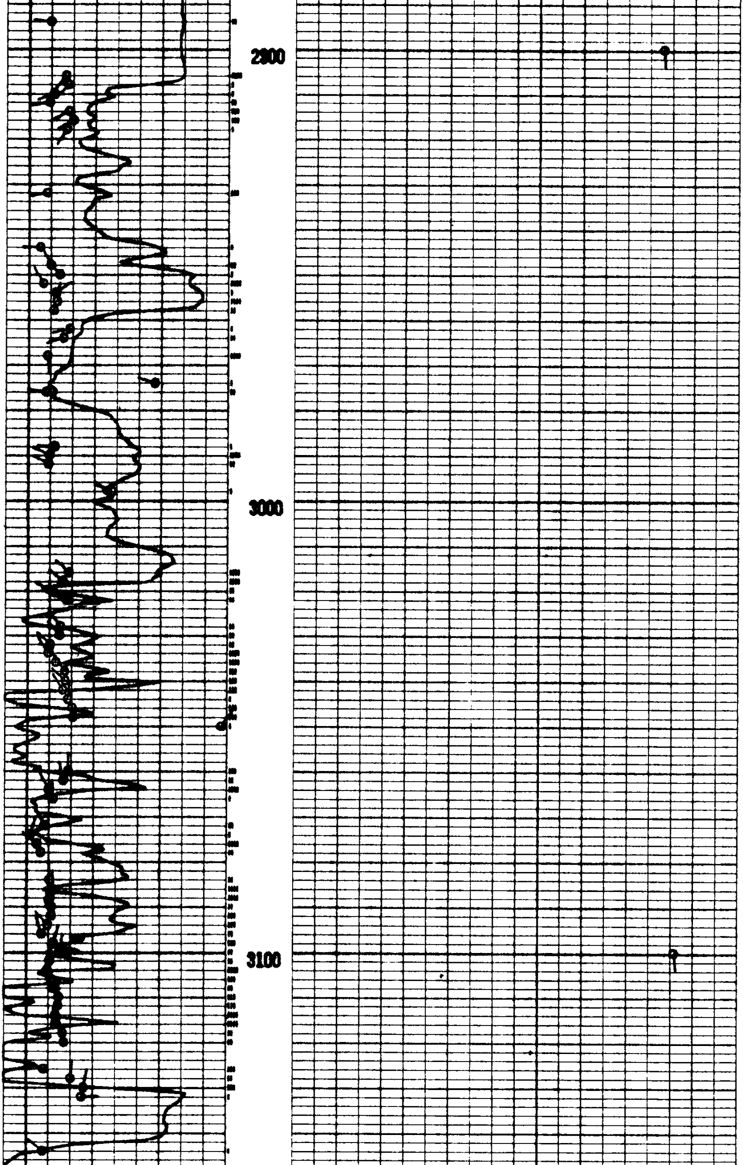


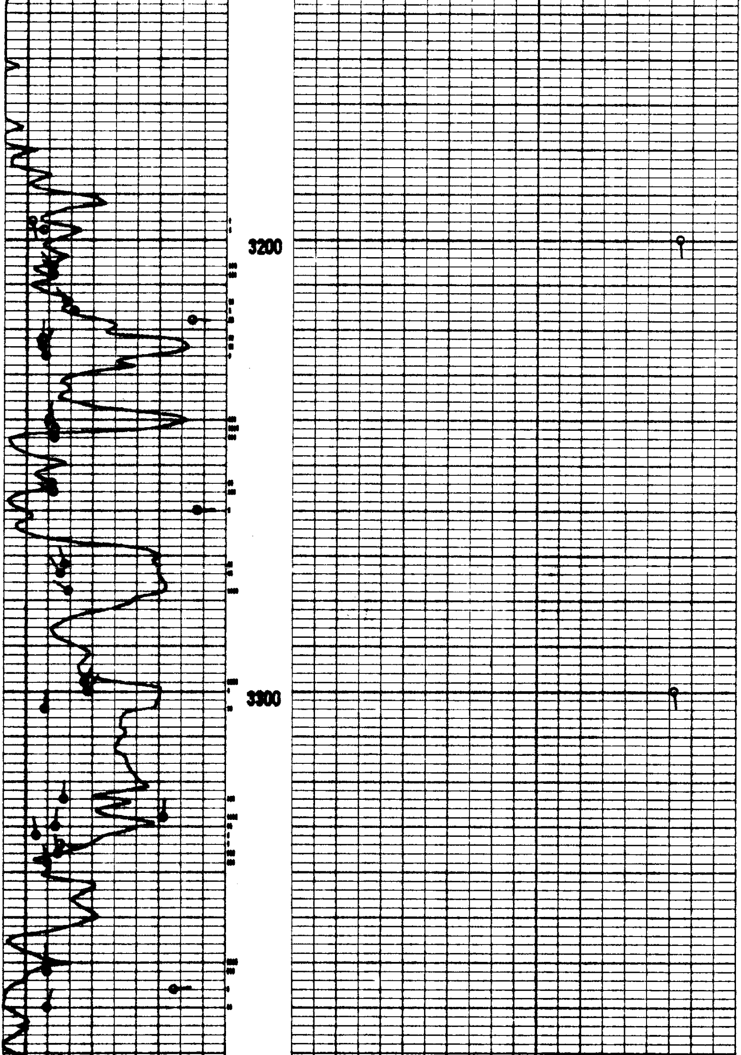


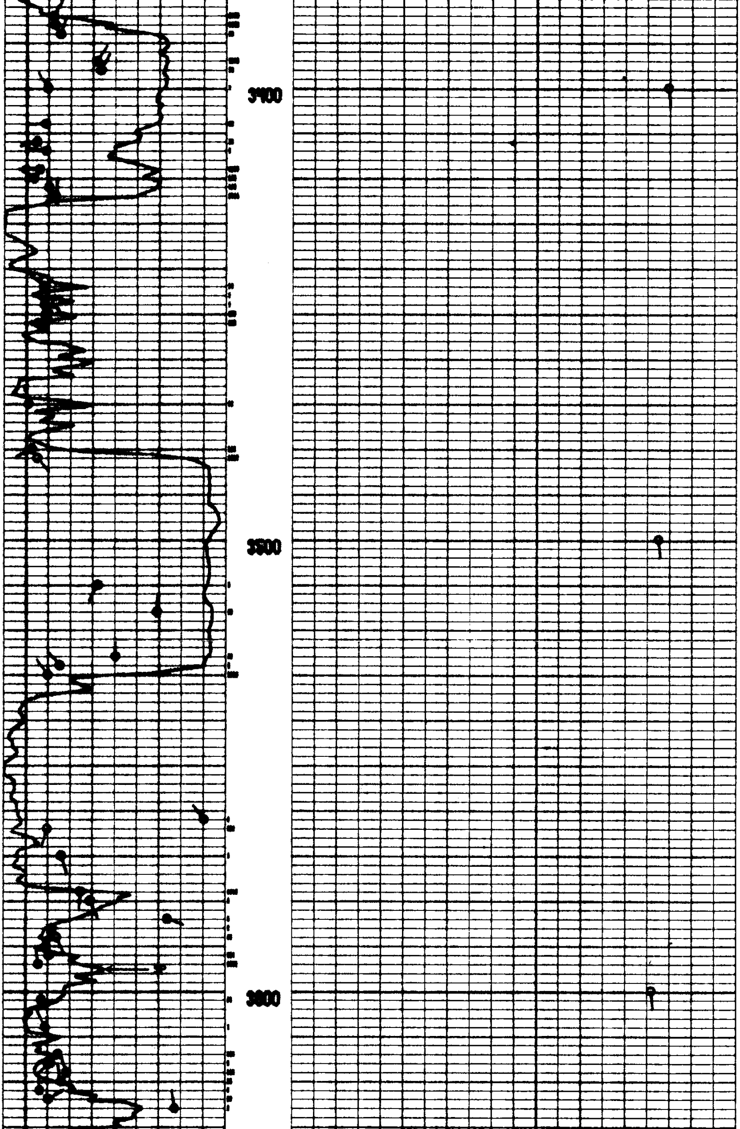


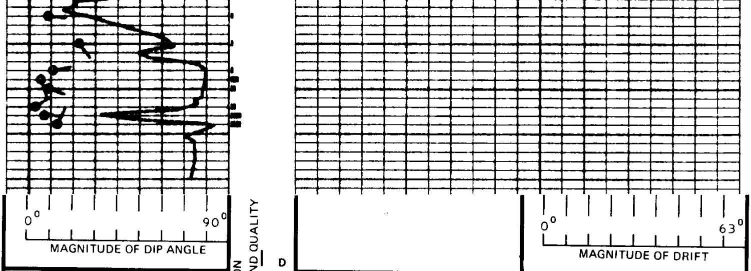












TRUE DIP ANGLE AND AZIMUTH

CORRELATION INTERVAL AND QUALITY

I	D
II	C
III	B
IIII	A

DRIFT AND ORIENTATION OF TOOL

REICHHOLD ENERGY CORPORATION
CROWN ZELLERBACH 22-6
MIST NEHALEM BASIN
COLUMBIA COUNTY, OREGON

T.D. LOGGED 3668
T.D. DRILLER 3671
T.D. WELEX 3670
ELEV. G.L. 1424.6 K.B. 1435.1