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DEPT OF GEOLOGY

Welex

5"=100'

DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORP.
WELL COLUMBIA COUNTY NO. 10
FIELD MIST-NEHALEM BASIN
COUNTY COLUMBIA STATE OREG.

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY NO. 10

FIELD MIST - NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

Location 1976' NORTH & 1065' EAST OF SOUTHWEST CORNER OF:

Sec. 3 Twp. 6N Rge. 5W

Other Services:
DIG
C/AVL
C/DENS/N

Permanent Datum GL Elev. 1089.22
Log Measured From KB OR 10.5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev. K.B 1099.72
D.F.
G.L 1089.22

Date	10-5-79			
Run No.	ONE			
Depth - Driller	2983			
Depth - Welex	2981			
Btm. Log Inter.	2979			
Top Log Inter.	440			
Casing - Driller	7 @ 437	@	@	@
Casing - Welex	440			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNO SULF			
Dens. | Visc.	79 | 39	|	|	|
pH | Fluid Loss	9.0 | 7.0 ml	| ml	| ml	| ml
Source of Sample	PIT			
R_m @ Meas. Temp.	3.86 @ 60 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	3.57 @ 60 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	3.99 @ 60 °F	@ °F	@ °F	@ °F
Source R_{mf} | R_{mc}	MEASURED	|	|	|
R_m @ BHT	2.12 @ 109 °F	@ °F	@ °F	@ °F
Time Since Circ.	2 HOURS			
Max. Rec. Temp.	109 °F @ BHT	°F @	°F @	°F @
Equip. | Location	8586 | WDLND	|	|	|
Recorded By	DOVE			
Witnessed By	McBURNIE, FRY			

Fold Here

Service Ticket No. 049048 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	2.12 @ 109 °F	@ °F
R_{mf} @ BHT	1.96 @ 109 °F	@ °F
R_{mc} @ BHT	2.20 @ 109 °F	@ °F

Run No.	1	2	3	4
Tool Type	DIP			
Tool Number	13101			
Pad Type	FORXO			
Correlated By				
Computed By				

TRANS. NO. 12613 MAND. NO. 12892

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 willful 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

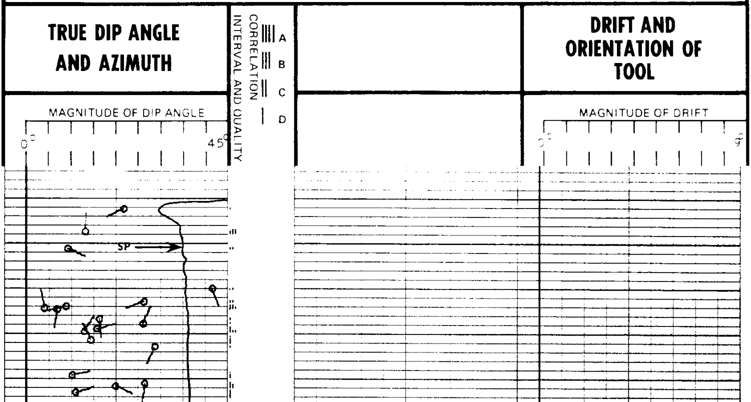
DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	0175	11	.194	21	.384	35	700
2	.035	12	.213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732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

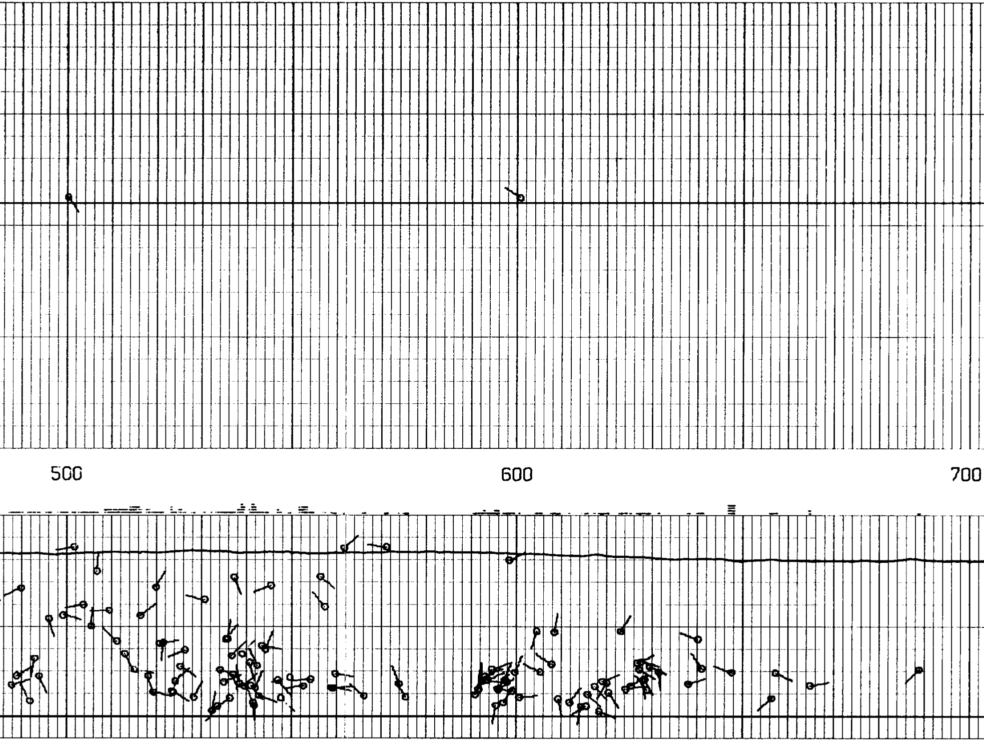
Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.

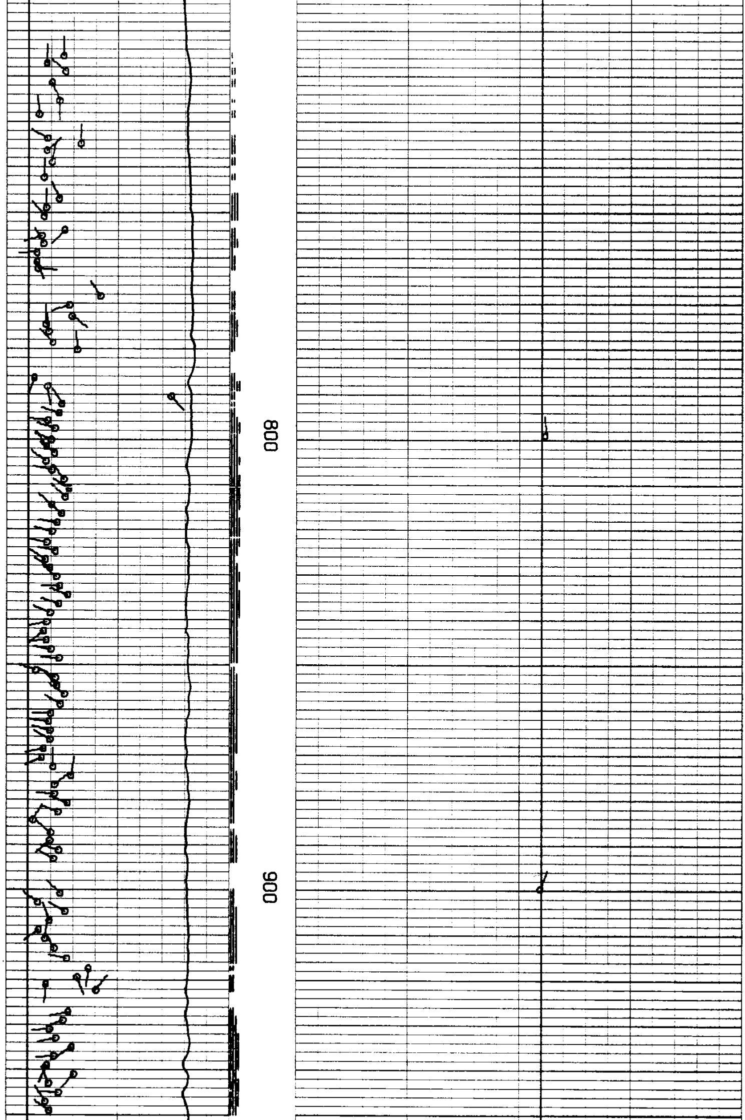
Example: Dip angle 10°. Horizontal distance 440 ft.

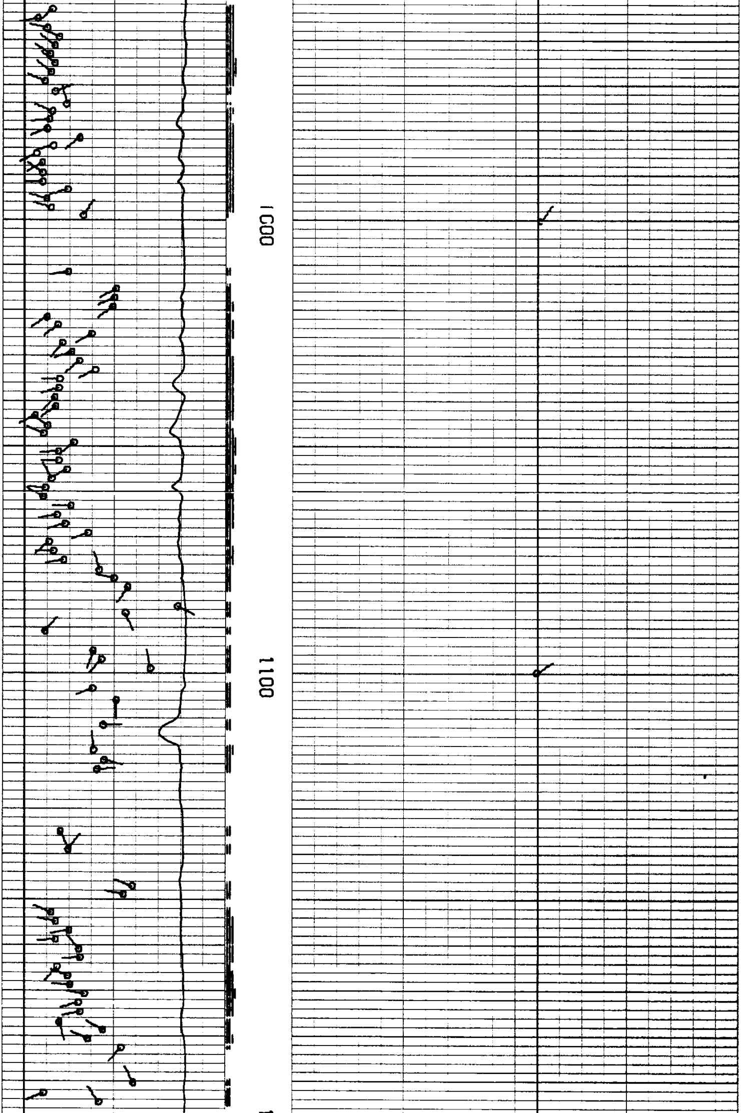
Vertical difference = .176 x 440 = 77.44

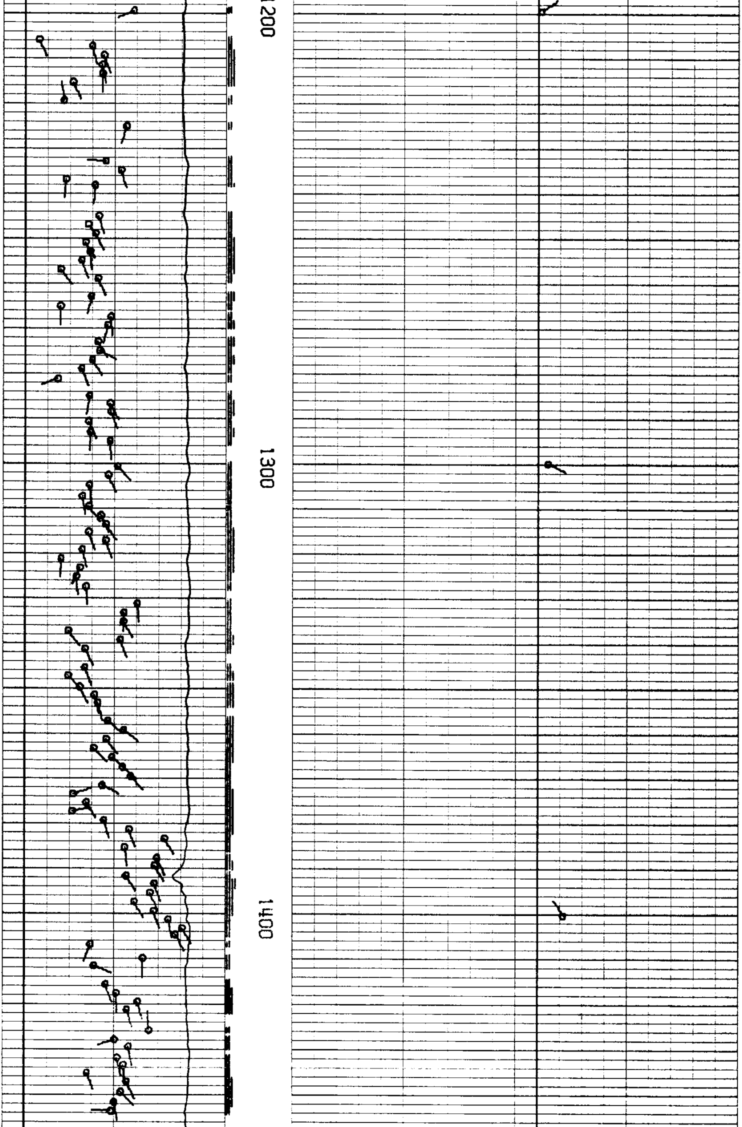
GRAPHIC PRESENTATION

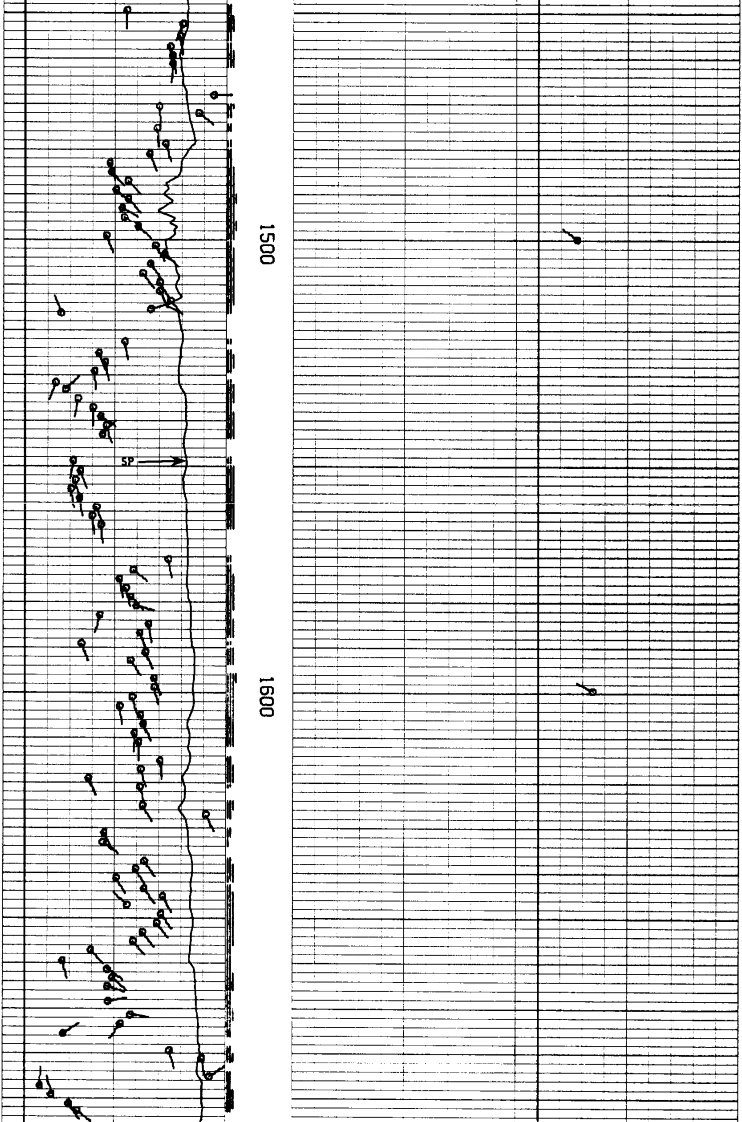


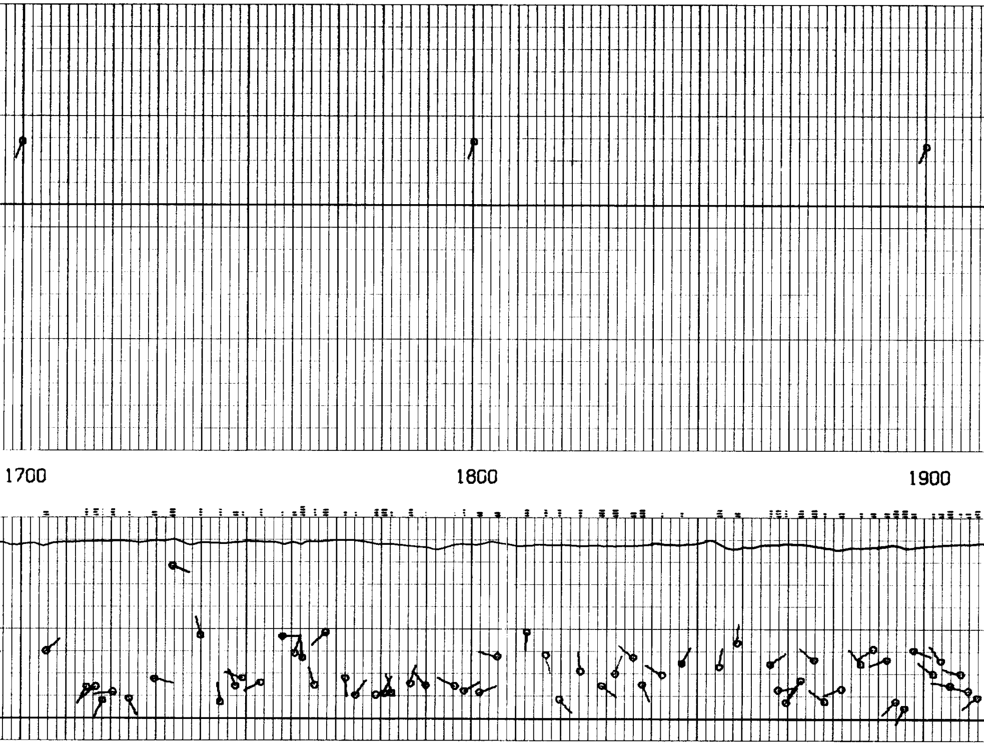


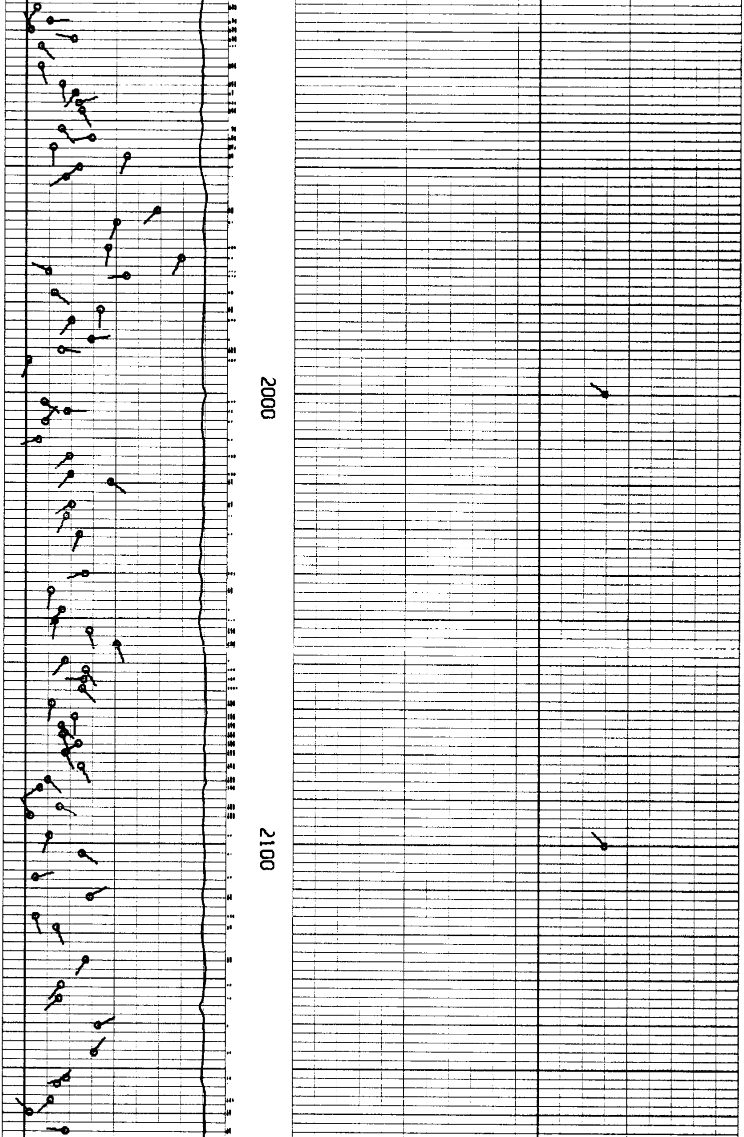


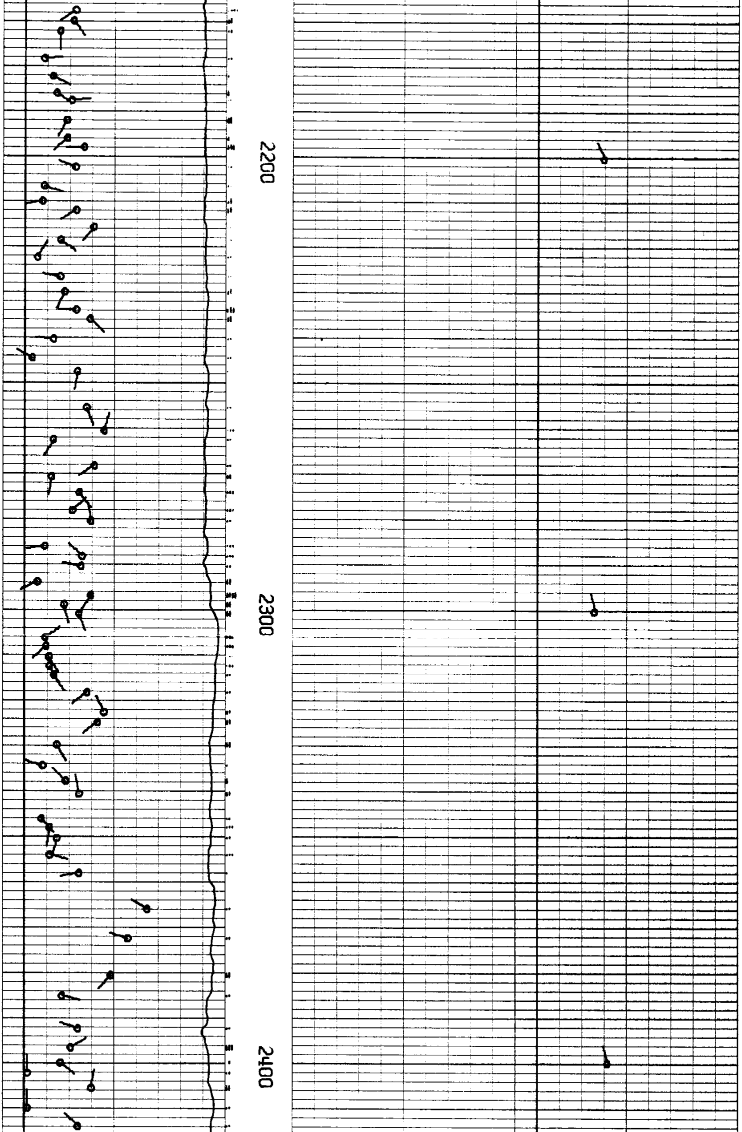


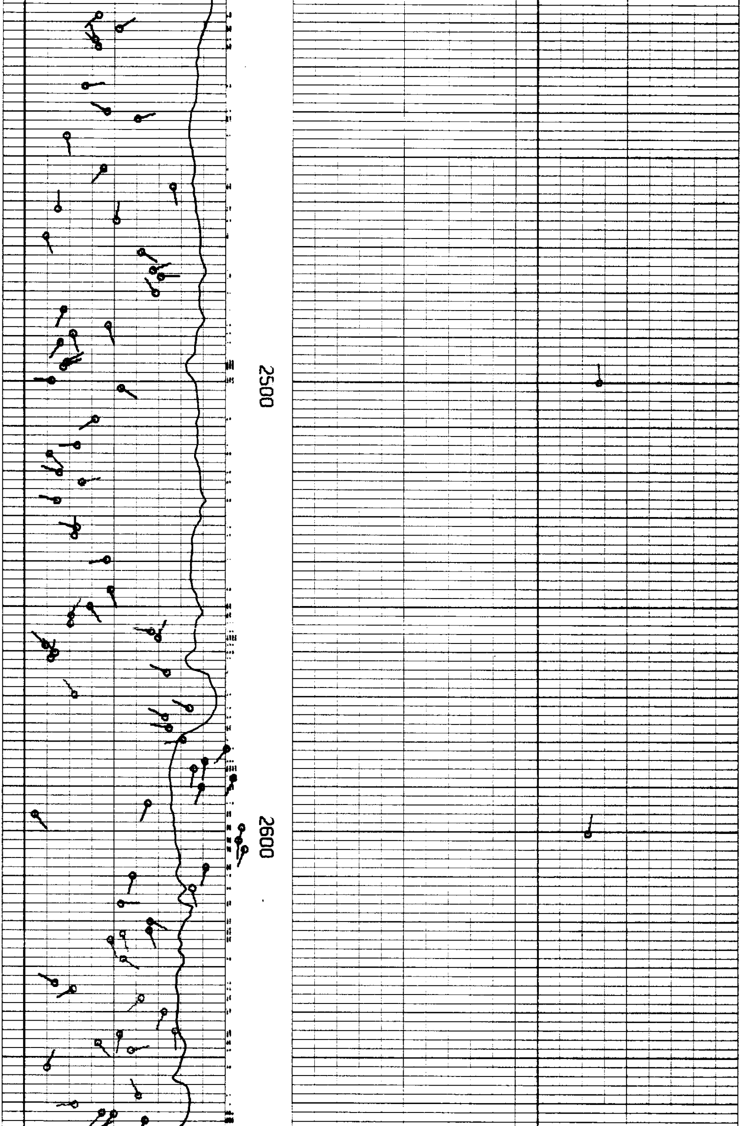


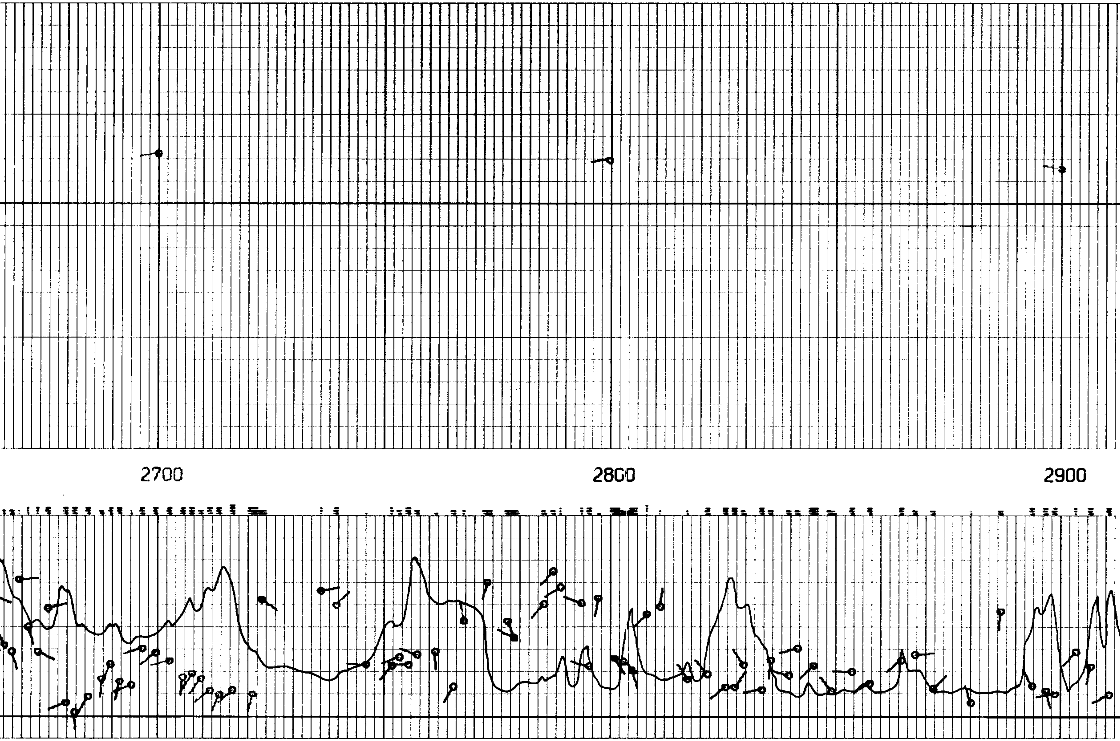


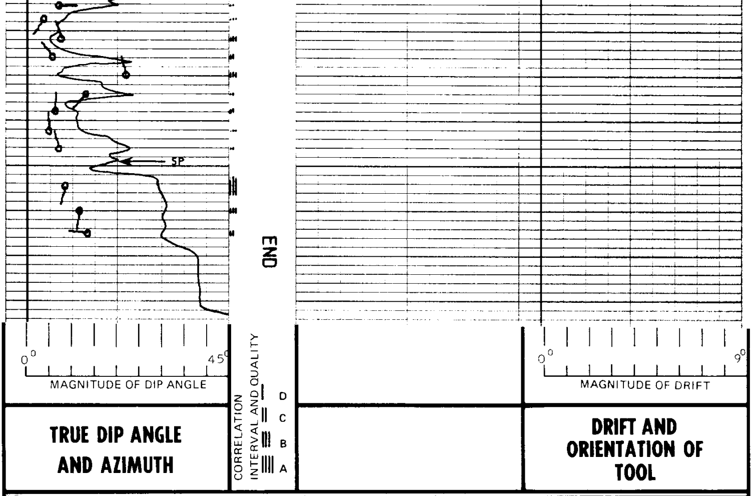












REICHHOLD ENERGY CORPORATION
COLUMBIA COUNRY NO. 10
MIST - NEHALEM BASIN
COLUMBIA COUNTY, OREGON

T.D. LOGGED 2979
T.D. DRILLER 2983
T.D. WELEX 2981
ELEV: KB 1099.72 GL 1089.22