COMPANY REICHHOLD ENERCY CORPORATION
WELL COLUMBIA COUNTY NO.5
FIELD NEHALEM BASIN
COUNTY COLUNBIA STATE OREGON

Welex 5"=100'

DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY NO.5
FIELD NEHALEM BASIN
COUNTY COLUMBIA **STATE** OREGON

Location
863' SOUTH & 1318' WEST OF THE NORTHWEST CORNER OF: (W.B.M.)
Sec. 10 Twp. 6N Rge. 5W

Other Services
IEL
C/AVL

Permanent Datum G.L. Elev. 936.2
Log Measured From K.B. OR 11.42 Ft Above Perm. Datum
Drilling Measured From K.B.

Elev. K.B. 947.62
D.F.
G.L. 936.20

Date	6-28-79			
Run No.	ONE			
Depth Driller	3116			
Depth Welex	3104			
Btm. Log Inter.	3103			
Top Log Inter.	400			
Casing Driller	7 @ 399	@	@	@
Casing Welex	400			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNOSULF.			
Dens. | Visc.	73 | 43	|	|	|
pH | Fluid Loss	7.5 | 5.0 ml	| ml	| ml	| ml
Source of Sample	PIT			
Rm @ Meas. Temp.	4.60 @ 83 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	4.10 @ 75 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	5.02 @ 74 °F	@ °F	@ °F	@ °F
Source Rmf | Rmc	MEASURED	|	|	|
Rm @ BHT	3.20 @ 119 °F	@ °F	@ °F	@ °F
Time Since Circ.	8 1/2 HRS.			
Max. Rec. Temp.	119 °F @ BHT.	°F @	°F @	°F @
Equip. | Location	9430 | WOODLAND	|	|	|
Recorded By	KENNEDY			
Witnessed By	McBURNIE, CLARE, BRUER, FRY.			

Fold Here

Service Ticket No. 048884 Remarks

Change in Mud Type or Additional Samples

Date | Sample No.	1	
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	3.20 @ 119 °F	@ °F
Rmf @ BHT	2.58 @ 119 °F	@ °F
Rmc @ BHT	3.12 @ 119 °F	@ °F

Run No.	1	2	3	4
Tool Type	DIP			
Tool Number	13364			
Pad Type	FORXO			
Correlated By				
Computed By				

MAND. NO. 13052

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 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

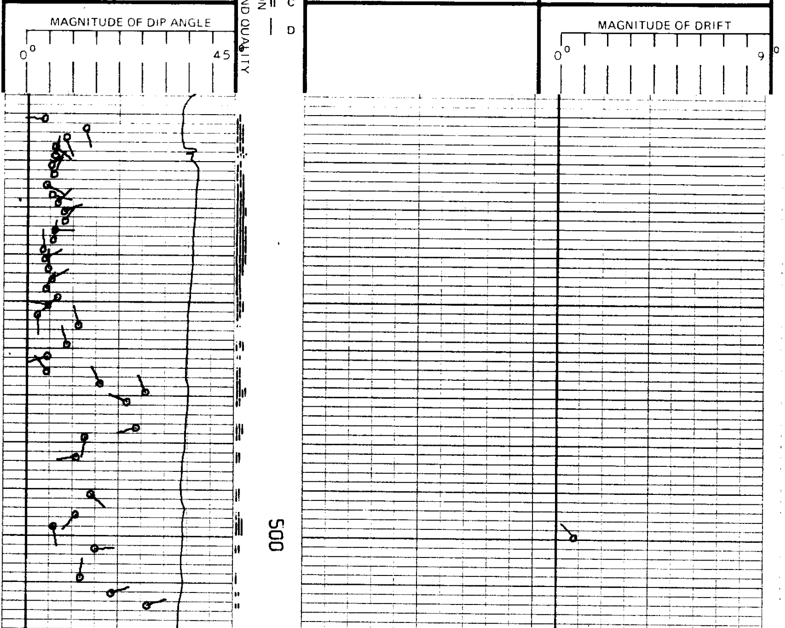
GRAPHIC PRESENTATION

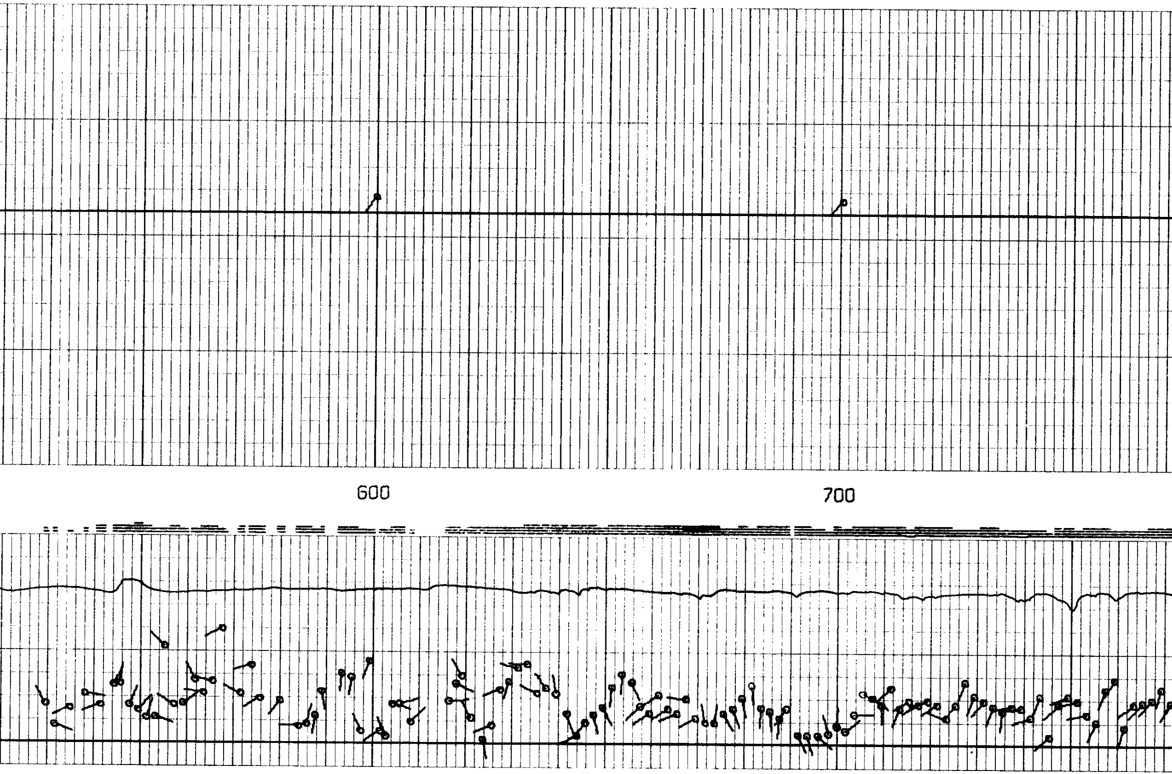
TRUE DIP ANGLE AND AZIMUTH

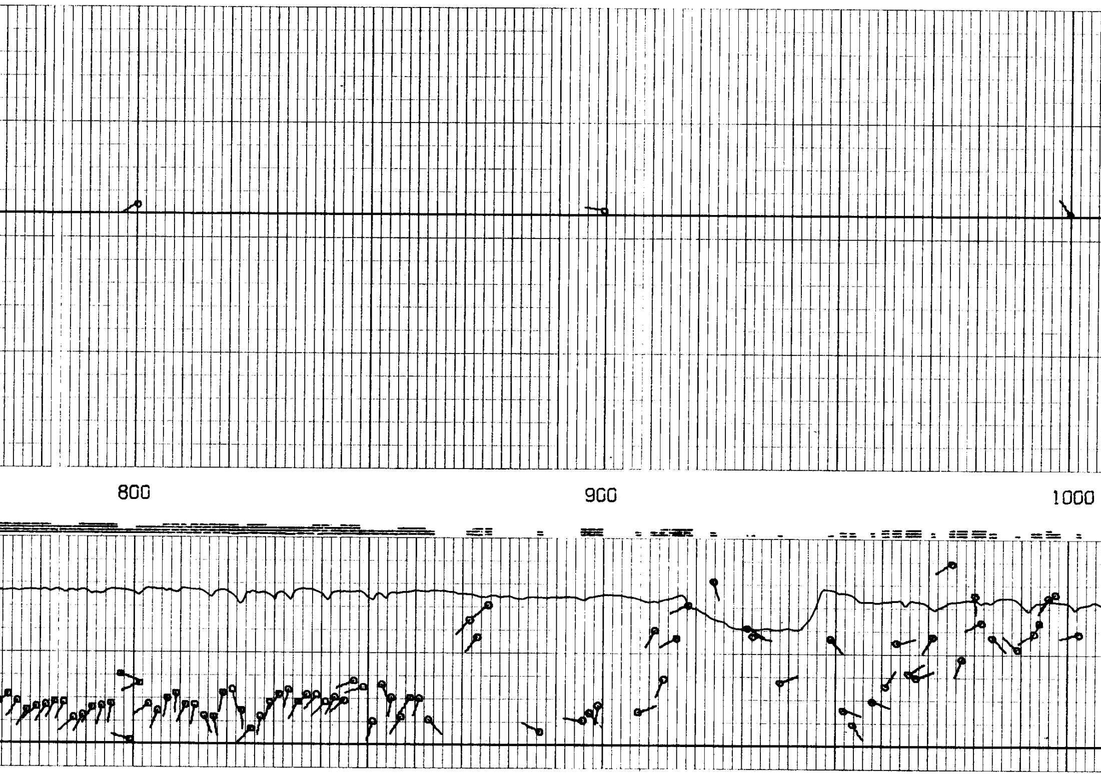
CORRELATION INTERVAL AND QUALITY

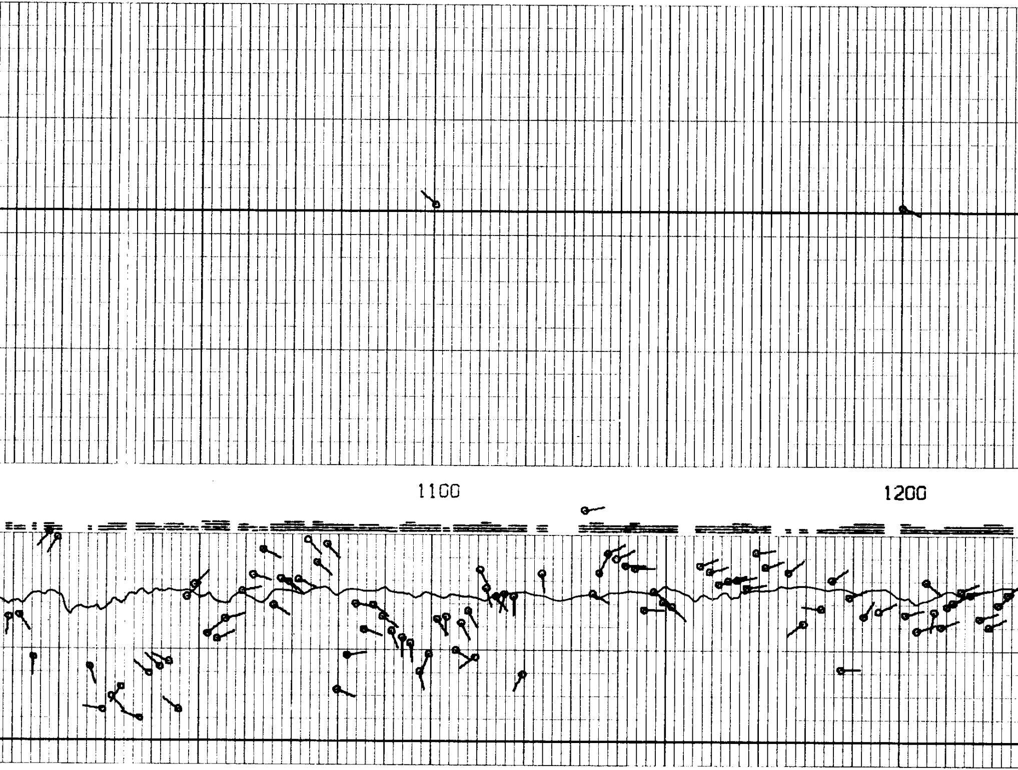
A
B
C
D

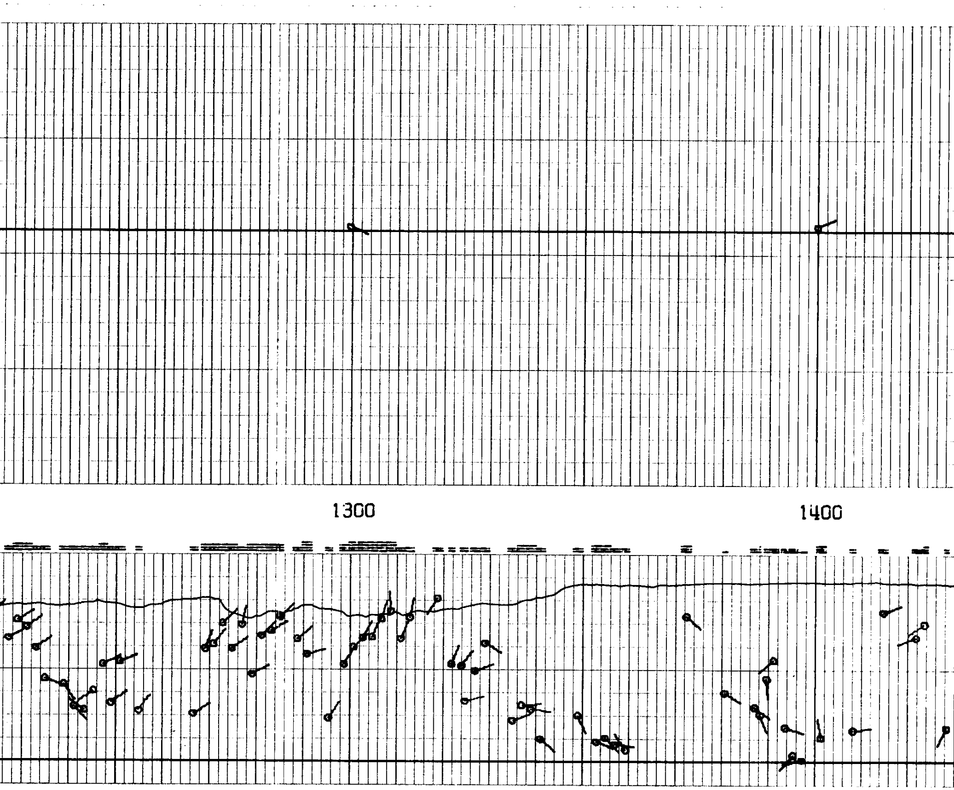
DRIFT AND ORIENTATION OF TOOL

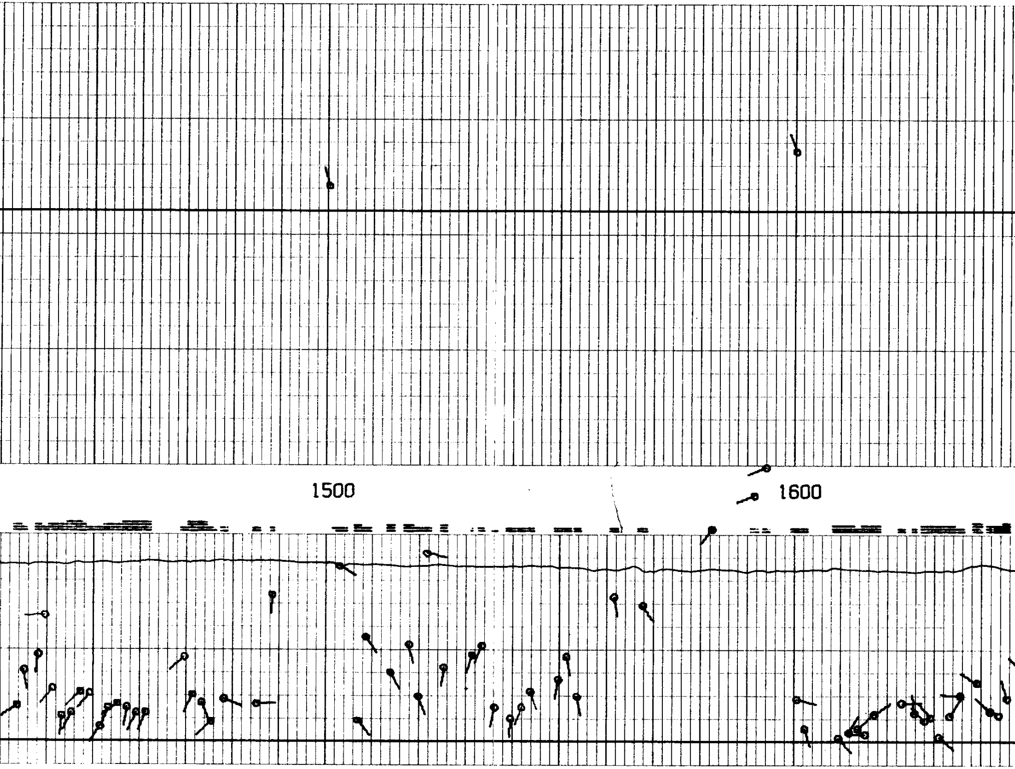


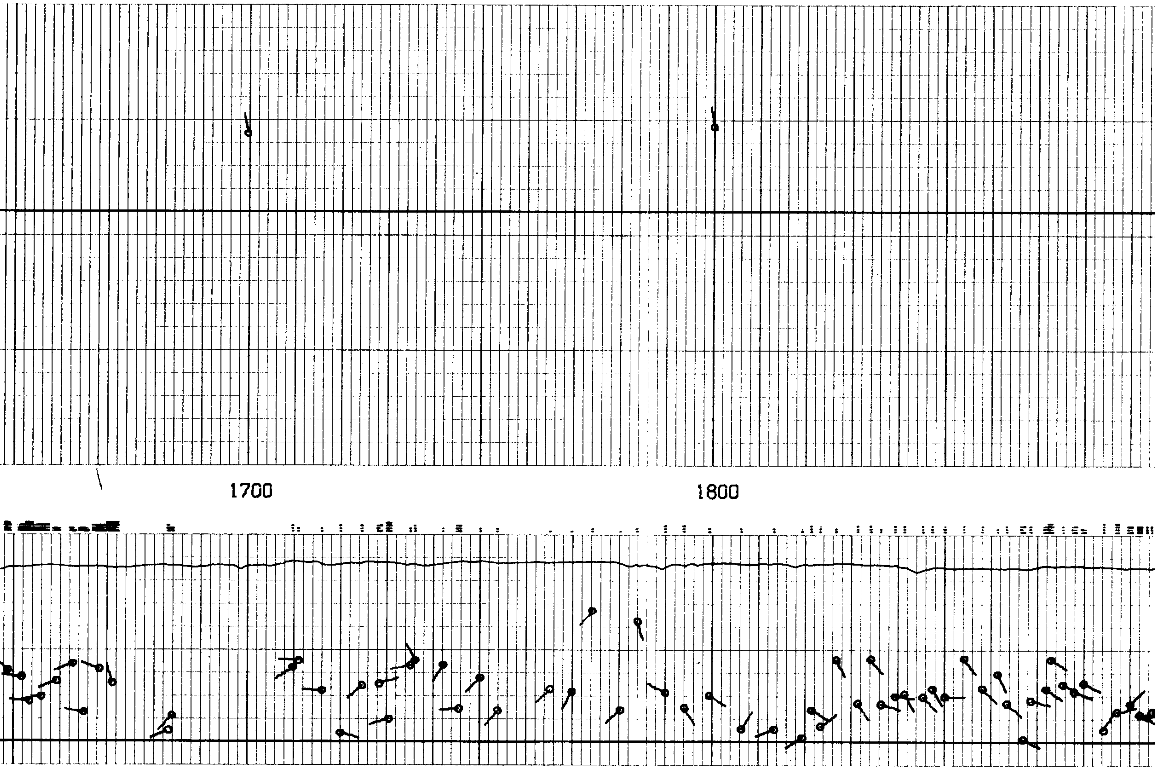


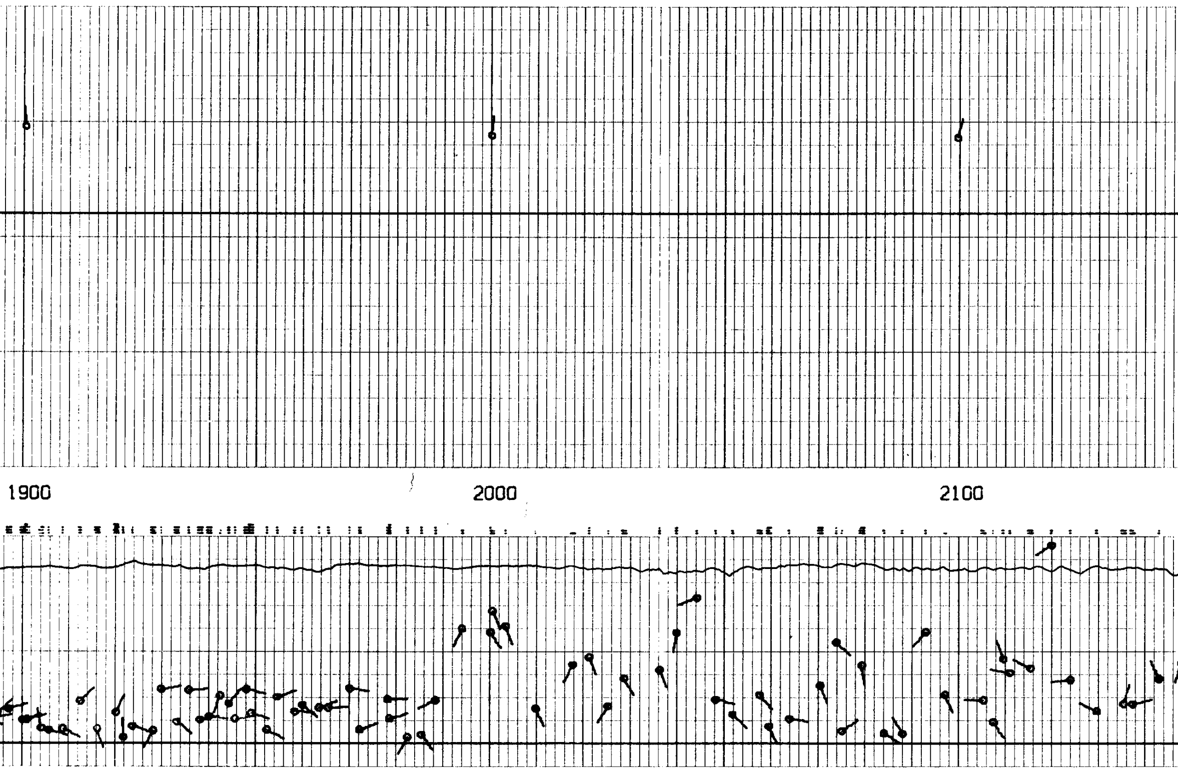


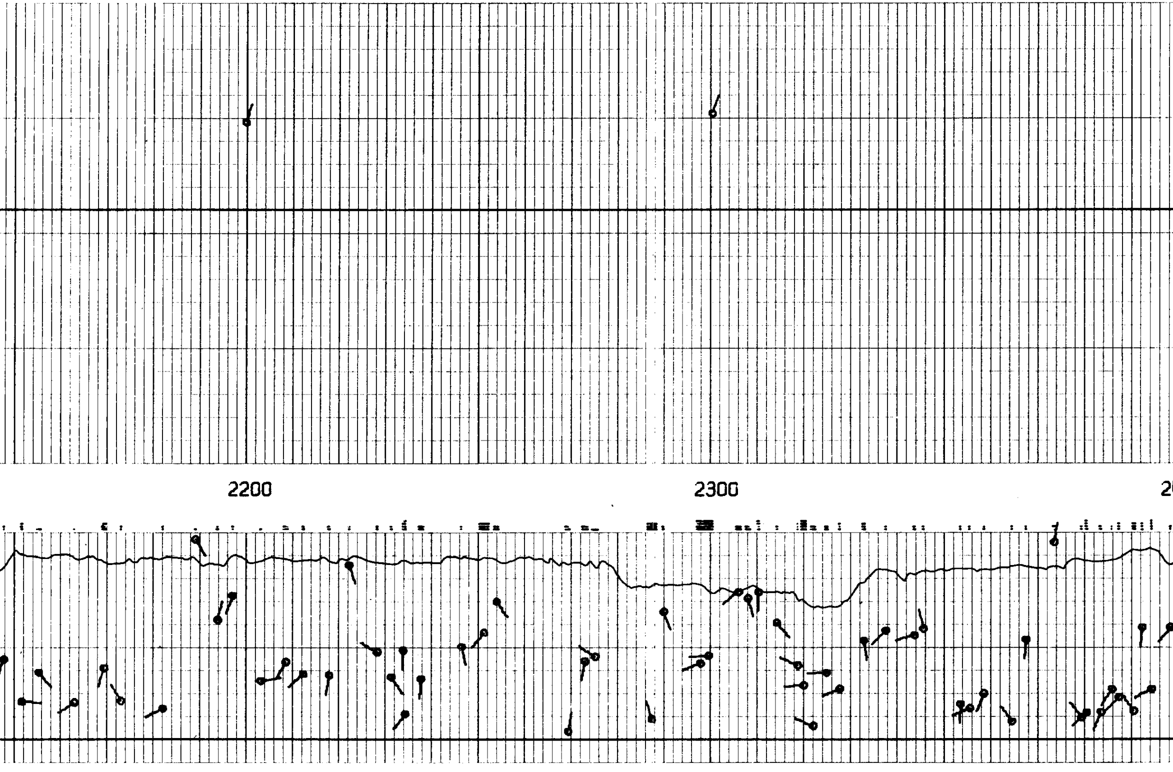


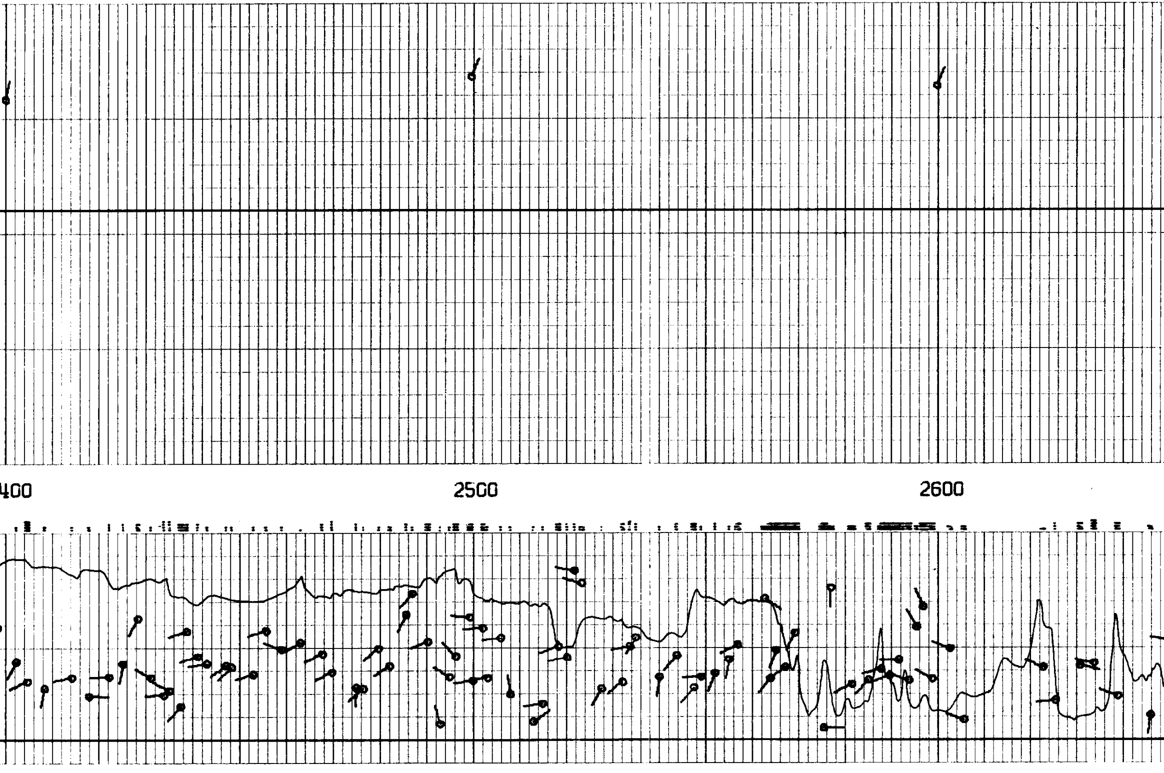


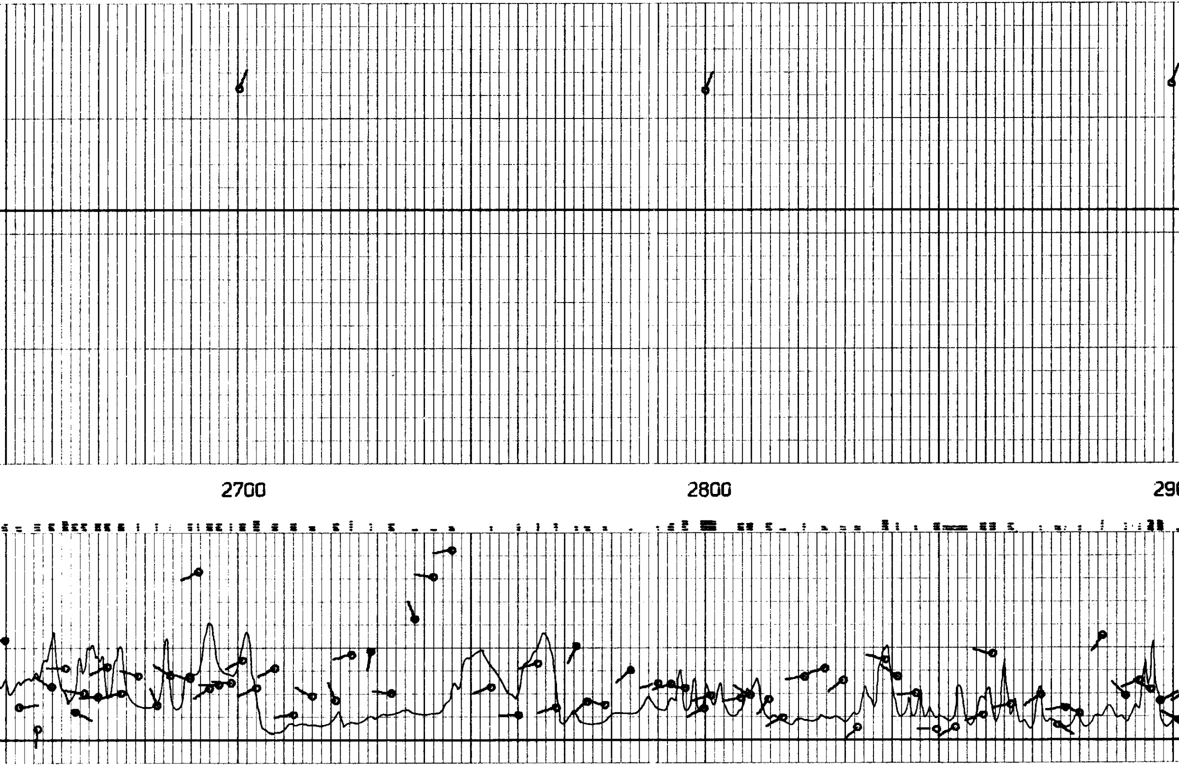


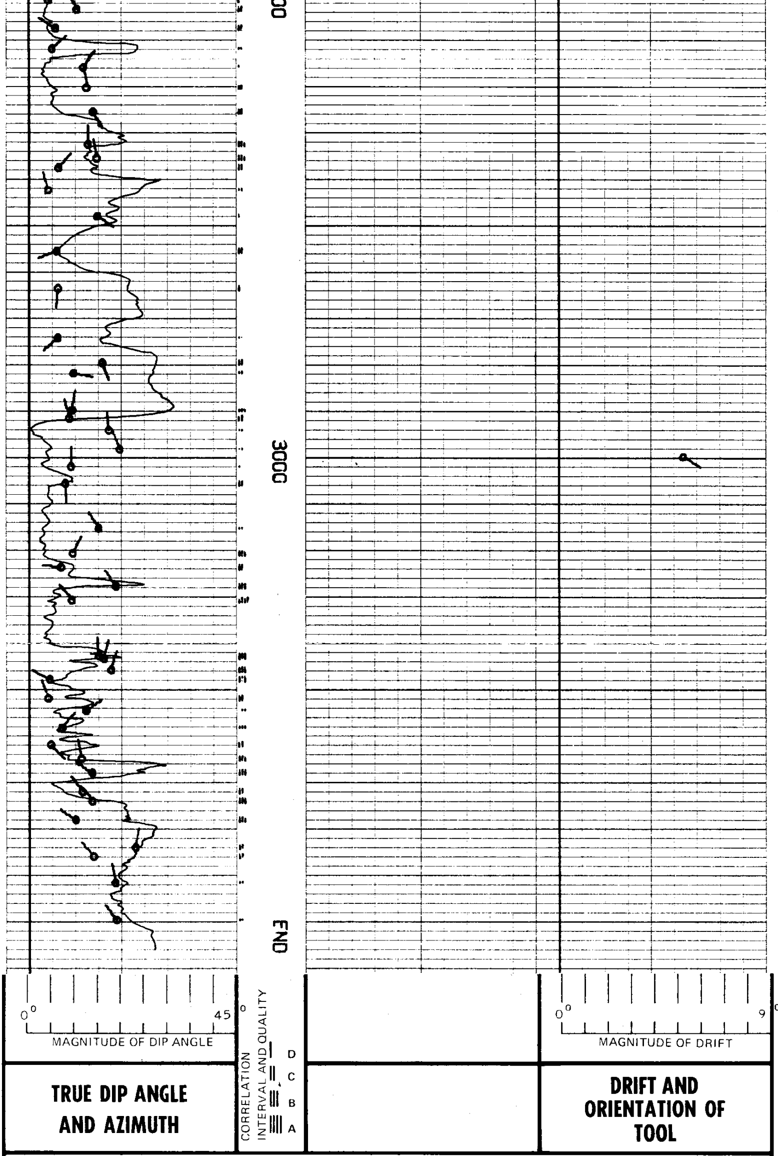












REICHHOLD ENERGY CORPORATION
COLUMBIA COUNTY NO.5
NEHALEM BASIN
COLUMBIA COUNTY, OREGON

T.D. LOGGED	3103
T.D. DRILLER	3116
T.D. WELEX	3104