Welex
5"=100'

DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORP.
WELL COLUMBIA CO. 1 REDRILL NO. I
FIELD NEHALEM BASIN
COUNTY COLUM. STATE ORE.

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY NO. 1 REDRILL NO. I
FIELD NEHALEM BASIN
COUNTY COLUMBIA STATE OREGON

Location 310' NORTH AND 812' WEST FROM THE CENTER OF:
Sec. 11 Twp. 6N Rge. 5W

Other Services:
AVL
IEL

Permanent Datum G.L. Elev. 1021
Log Measured From K.B. OR 10.5 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 1031.5
D.F.
G.L. 1021

Date	4-27-79			
Run No.	ONE			
Depth - Driller	3105			
Depth - Welex	3105			
Btm. Log Inter.	3100			
Top Log Inter.	361			
Casing - Driller	7 @ 360	@	@	@
Casing - Welex	361			
Bit Size	6 1/4			
Type Fluid in Hole	CLAY BASE			
Dens. | Visc.	7.6 | 52	|	|	|
pH | Fluid Loss	10 | 13.2 ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	3.4 @ 70 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.9 @ 65 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	4.3 @ 65 °F	@ °F	@ °F	@ °F
Source R_{mf} | R_{mc}	MEASURED	|	|	|
R_m @ BHT	N/A @ 119 °F	@ °F	@ °F	@ °F
Time Since Circ.	3 HRS.			
Max. Rec. Temp.	119°F @ TD	°F @	°F @	°F @
Equip. | Location	9017 | BKFD.	|	|	|
Recorded By	MR. GARZA			
Witnessed By	MR. McBURNIE,	MR. CLARE,	MR. BRUER	

Fold Here

Service Ticket No. 044493 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	2.1 @ 119°F	@ °F
R_{mf} @ BHT	1.8 @ 119°F	@ °F
R_{mc} @ BHT	2.5 @ 119°F	@ °F

Run No.	1	2	3	4
Tool Type	DIP			
Tool Number	13364			
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 21⁰ EAST

TABLE OF CONSTANTS FOR DETERMINING VERTICAL DIFFERENCE AT VARIOUS DIP ANGLES

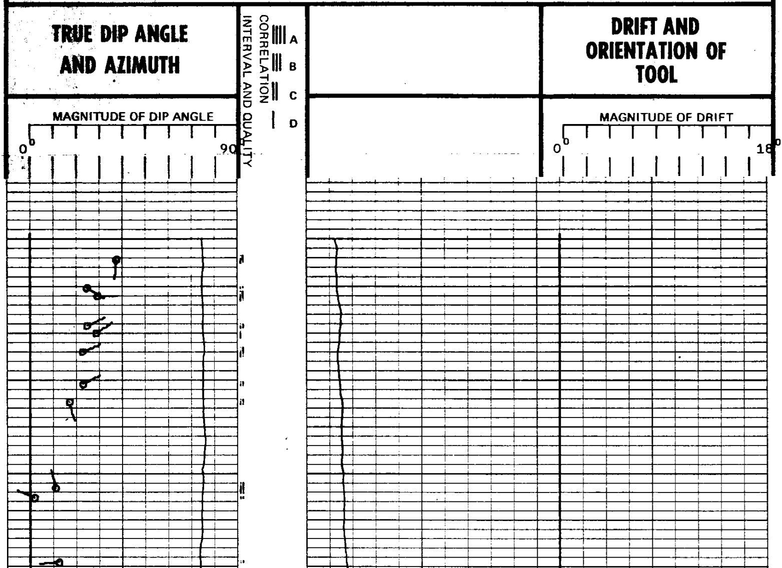
DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	.213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732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

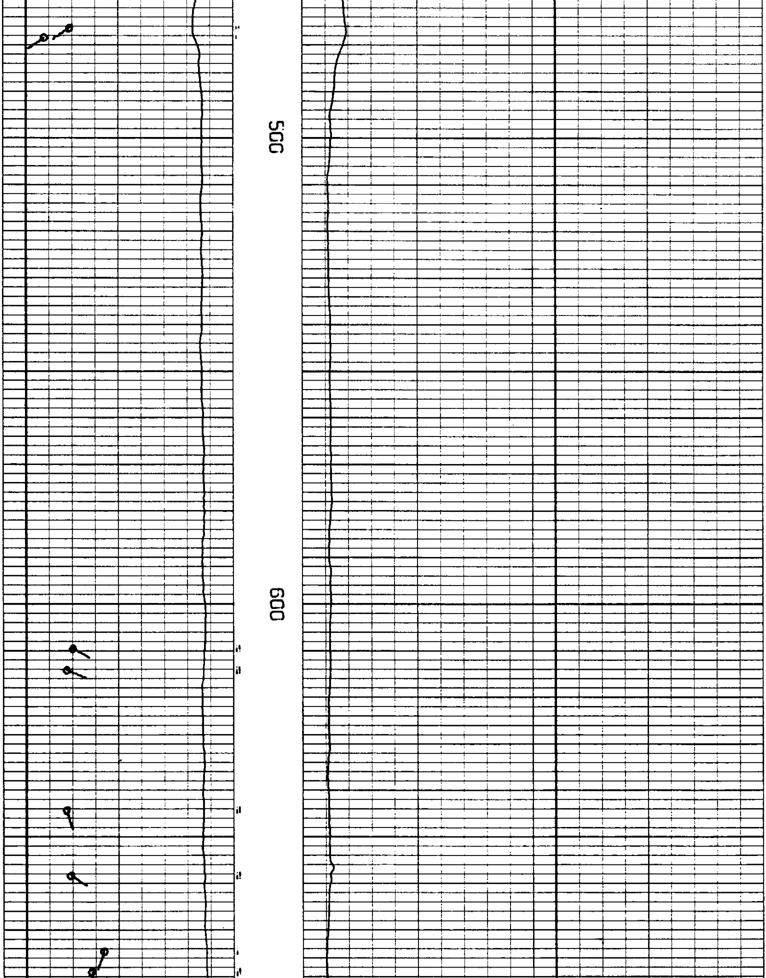
Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.

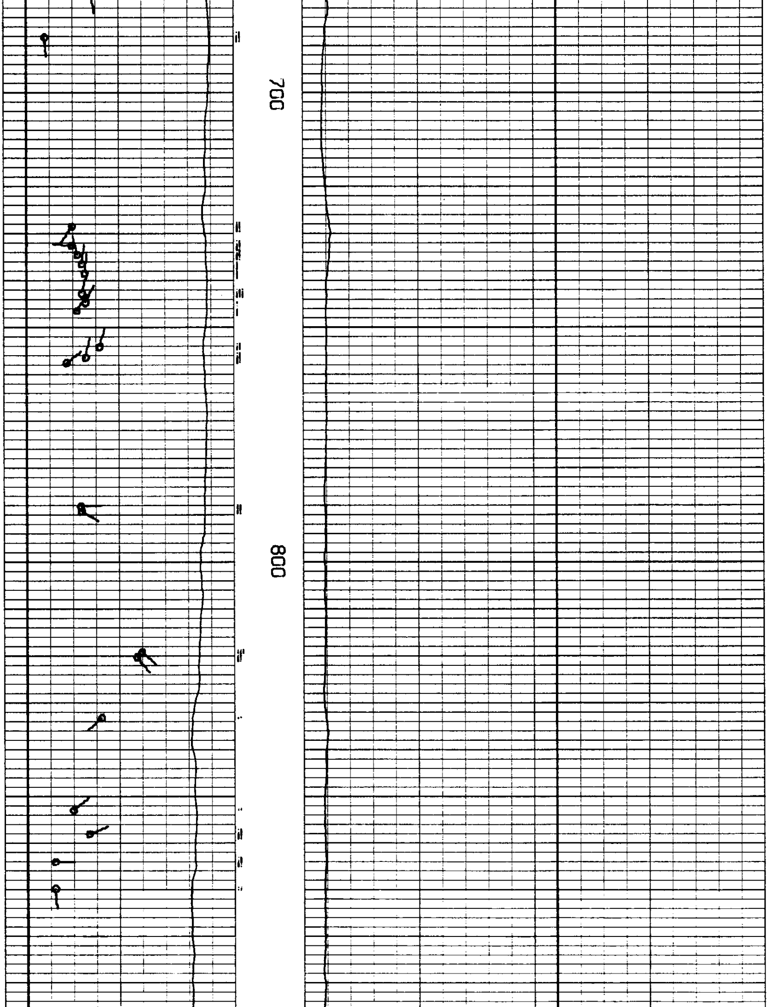
Example: Dip angle 10°, Horizontal distance 440 ft.

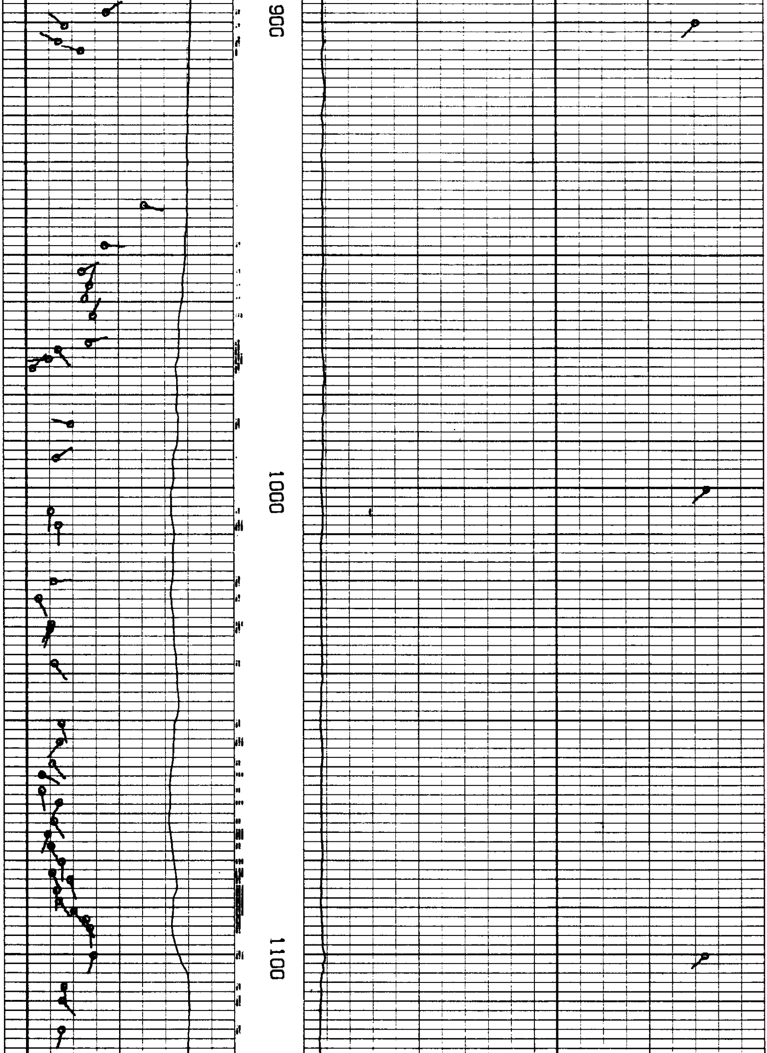
Vertical difference = .176 x 440 = 77.44

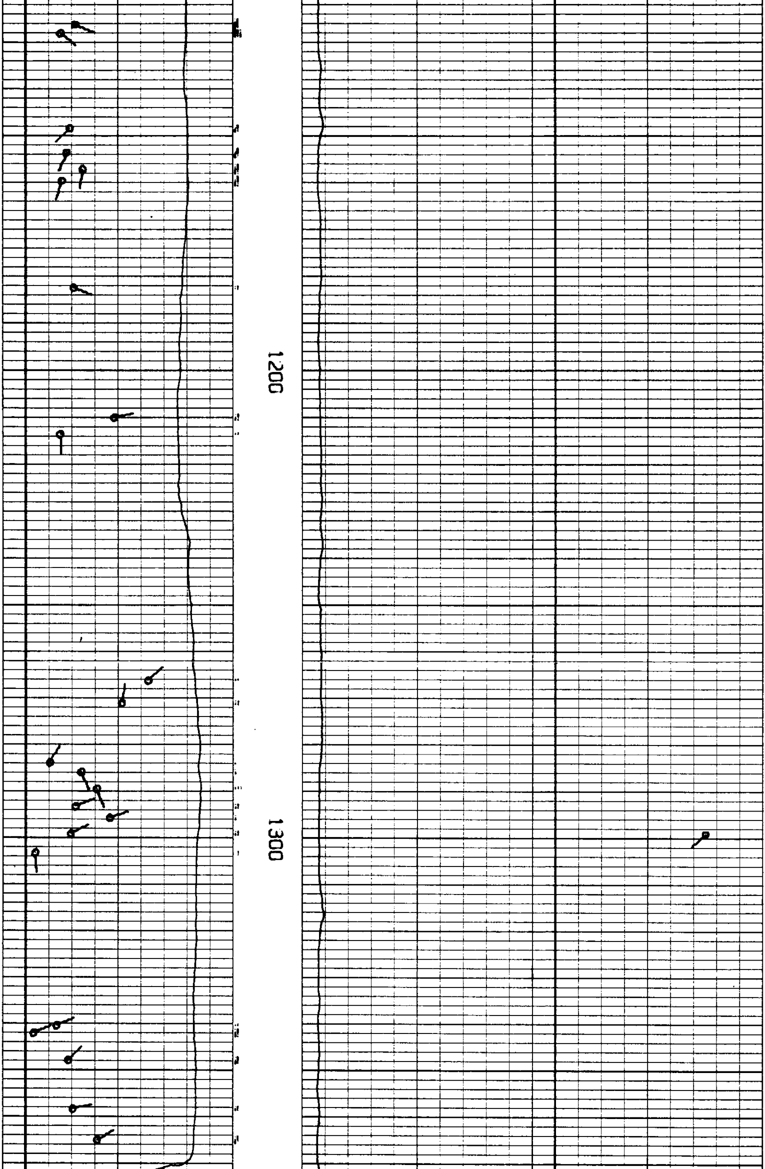
GRAPHIC PRESENTATION

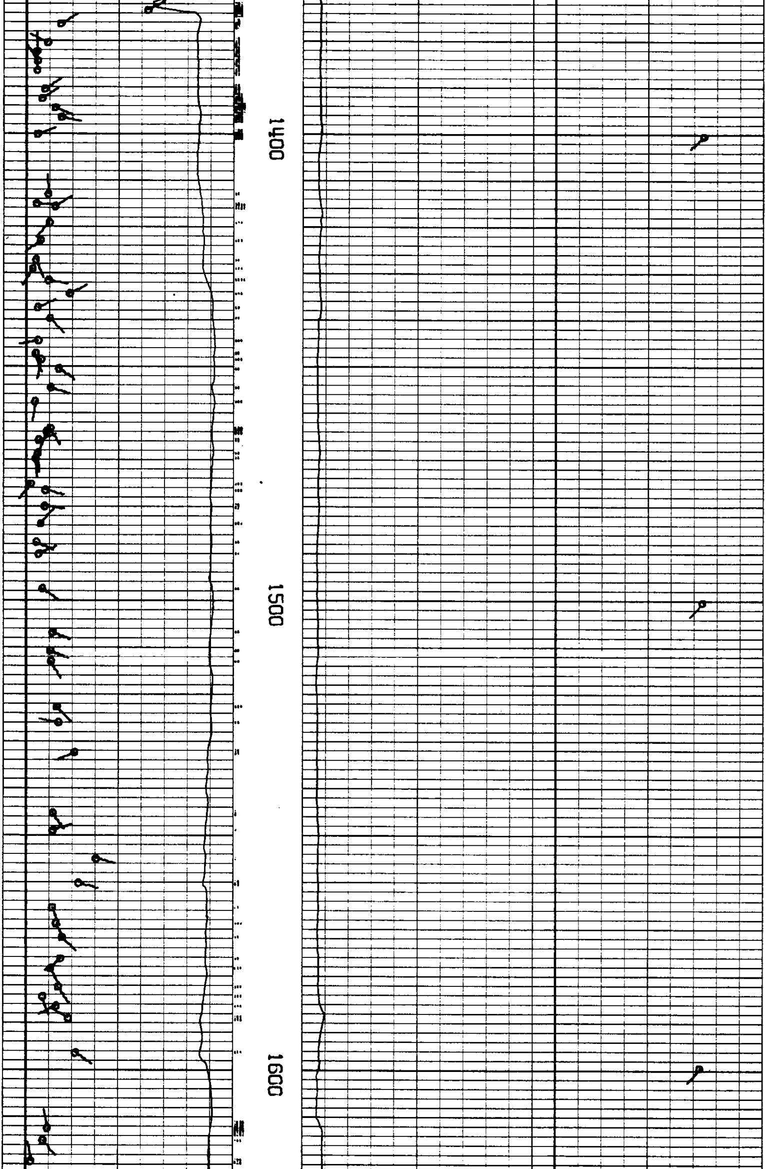


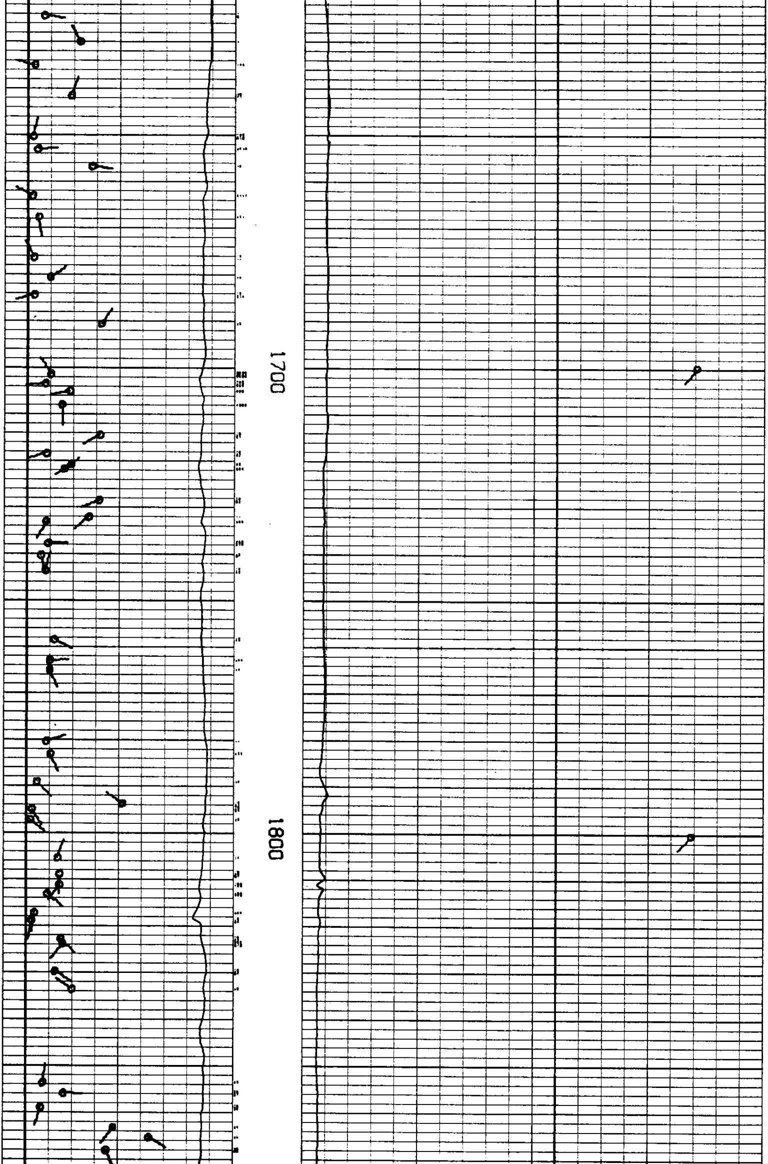


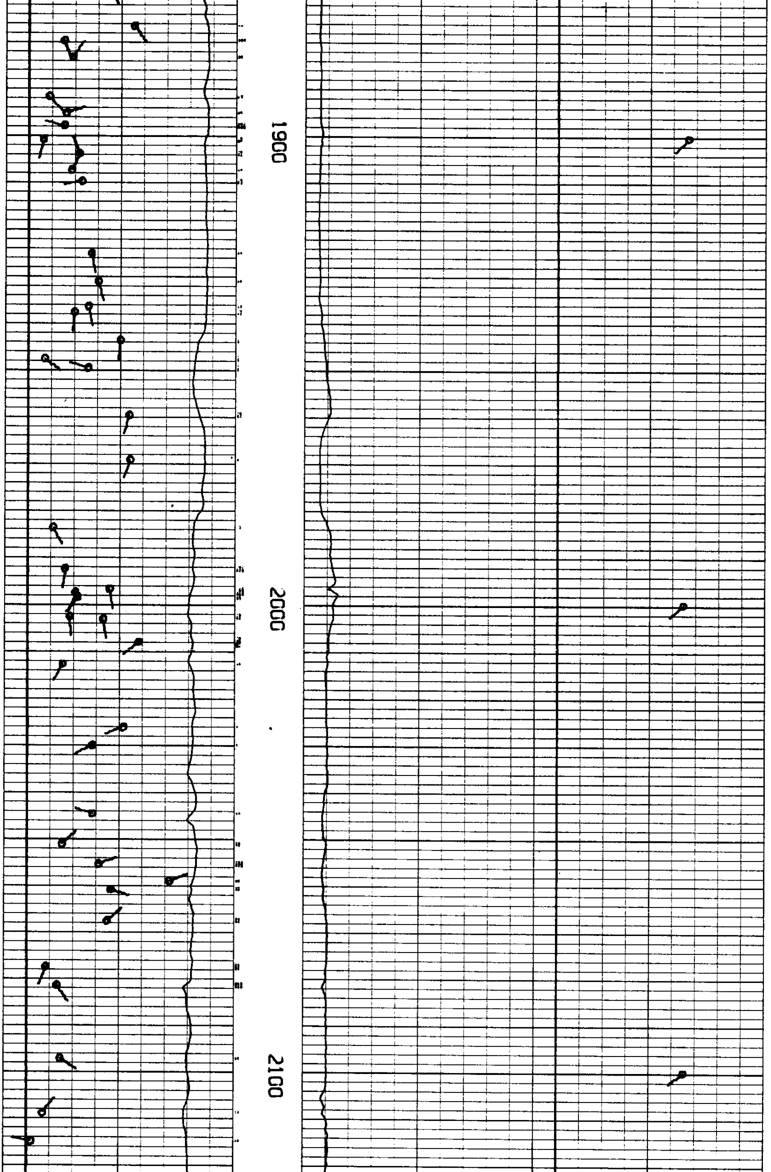


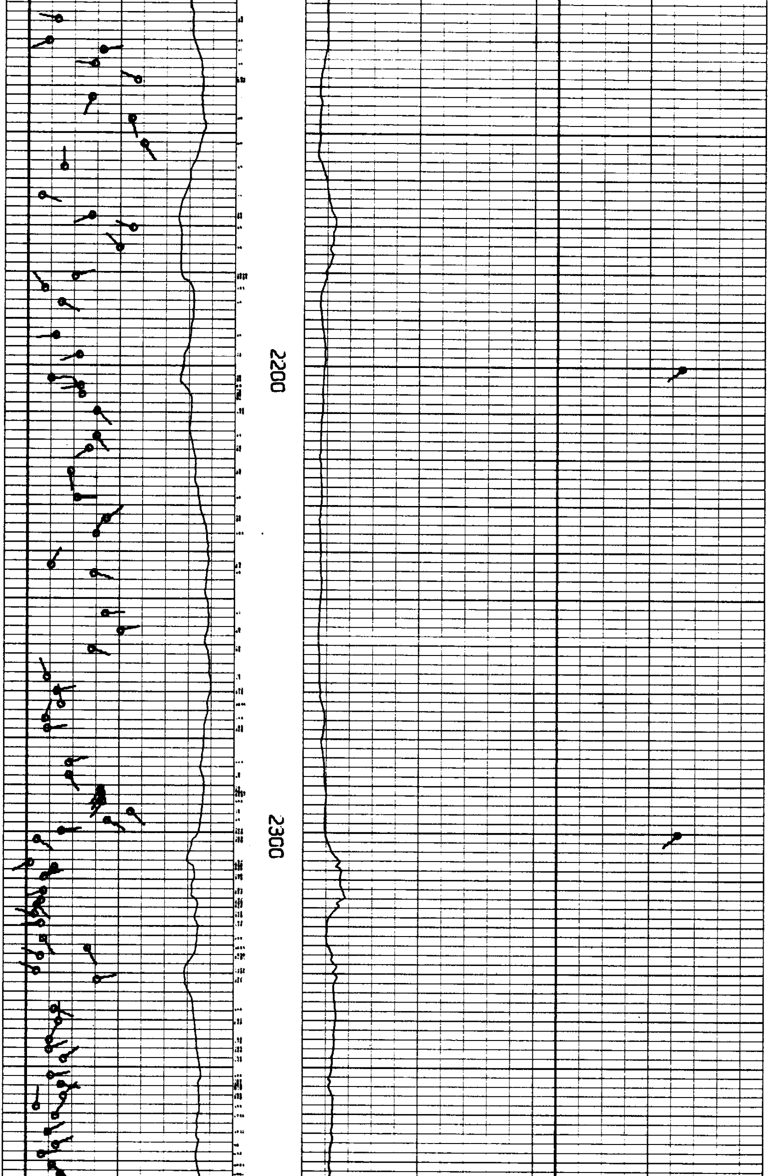


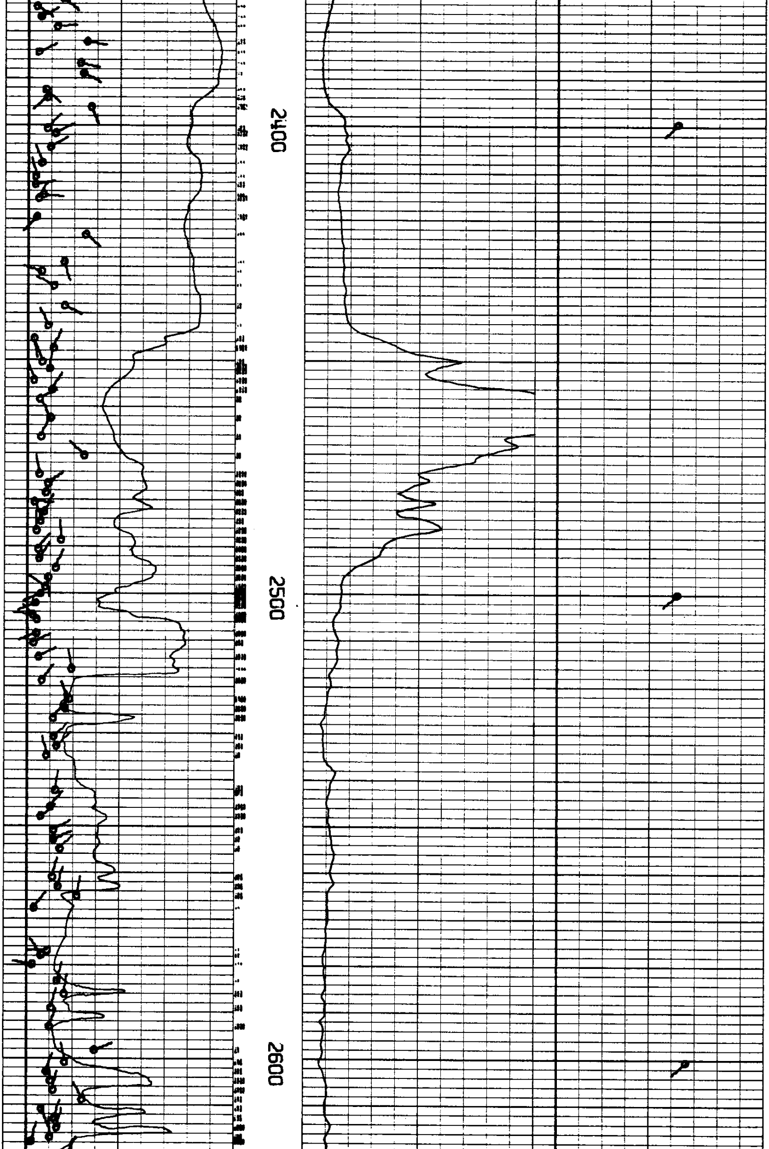


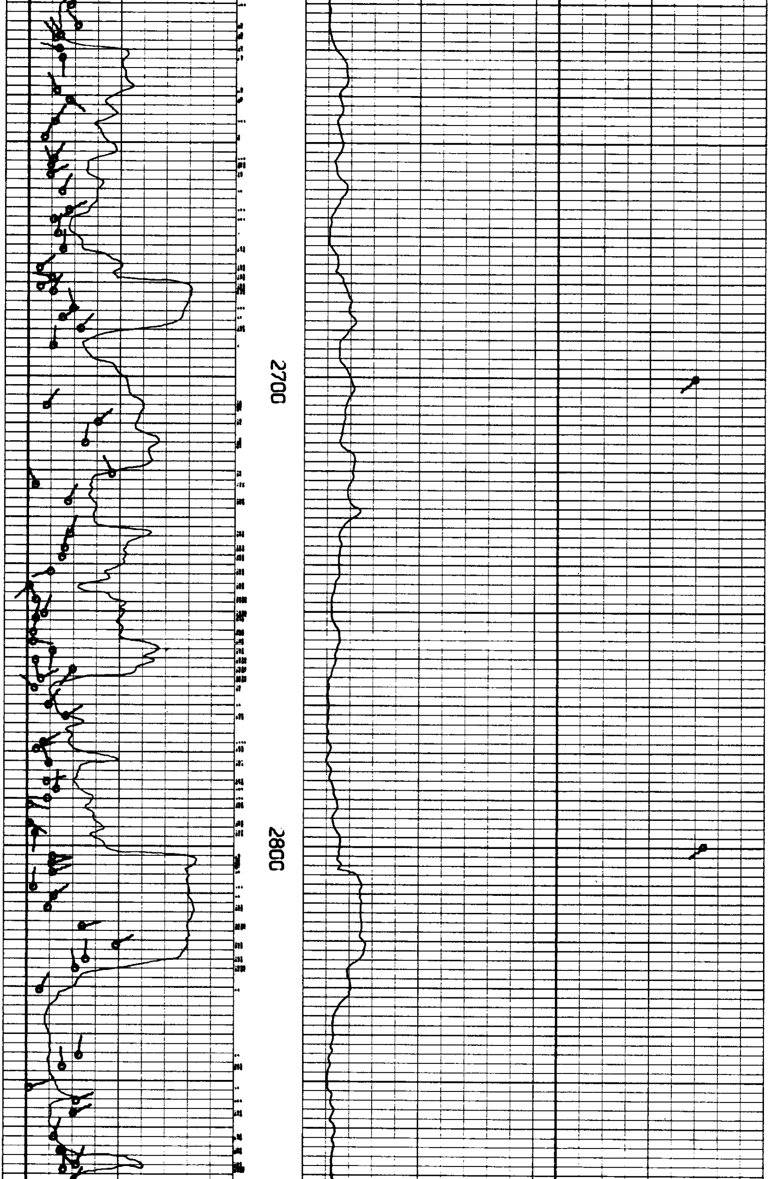


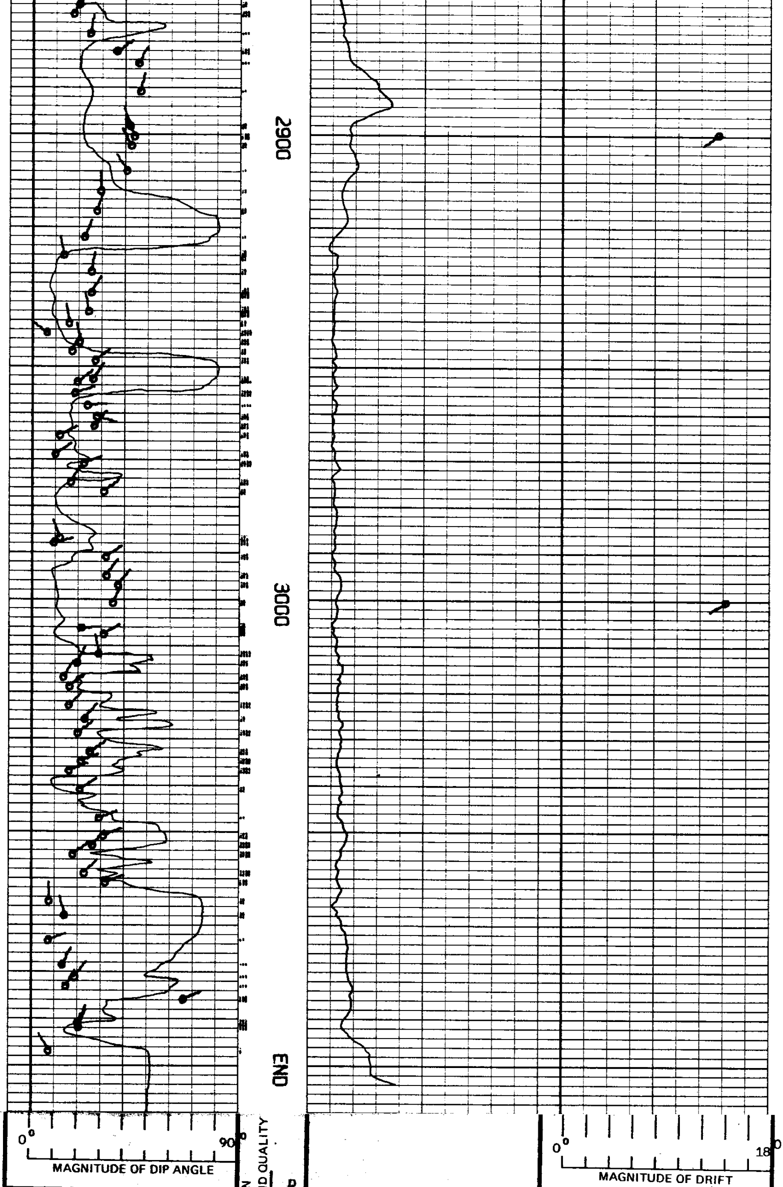












TRUE DIP ANGLE AND AZIMUTH	CORRELATIO INTERVAL AN C B A		**DRIFT AND ORIENTATION OF TOOL**

REICHHOLD ENERGY CORPORATION
COLUMBIA COUNTY NO.1 *REDRILL NO. I*
NEHALEM BASIN
COLUMBIA COUNTY, OREGON

T.D. LOGGED 3100
T.D. DRILLER 3105
T.D. WELEX 3105
ELEV: KB 1031.5 GL 1021