Welex

5" = 100'

DIP LOG CALCULATIONS

COMPANY **REICHHOLD ENERGY CORPORATION**
WELL CROWN ZELLERBACH NO. 42-1 SIDETRACK
FIELD MIST NEHALEM BASIN
COUNTY COLUMBIA STATE OR.

COMPANY **REICHHOLD ENERGY CORPORATION**

WELL CROWN ZELLERBACH NO. 42-1 SIDETRACK

FIELD MIST NAHALEM BASIN

COUNTY COLUMBIA STATE OREGON

Location
850' NORTH & 438' WEST OF
THE EAST 1/4 CORNER OF:
Sec. 1 Twp. 6N Rge. 5W

Other Services:
C/AVL
DIP

Permanent Datum G.L. Elev. 1293
Log Measured From K.B. 10.5 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 1303.5
D.F.
G.L. 1293.0

Date	7-19-80			
Run No.	ONE			
Depth - Driller	2891			
Depth - Welex	2890			
Btm. Log Inter.	2889			
Top Log Inter.	405			
Casing - Driller	7 @ 406	@	@	@
Casing - Welex	405			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNOSULF MUD			
Dens. | Visc.	73 | 43	|	|	|
pH | Fluid Loss	10.0 | 5.8 ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	1.28 @ 55 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	3.1 @ 56 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.2 @ 57 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|	|
R_m @ BHT	0.74 @ 111 °F	@ °F	@ °F	@ °F
Time Since Circ.	3 HOURS			
Max. Rec. Temp.	111 °F @ T.D.	°F @	°F @	°F @
Equip. | Location	2876 | WDLD	|	|	|
Recorded By	ANDERSON			
Witnessed By	BRUER			

Fold Here

Service Ticket No. Remarks:

Change in Mud Type or Additional Samples								
Date | Sample No.	|	|	Run No.	1	2	3	4
Depth - Driller			Tool Type				
Type Fluid in Hole			Tool Number				
			Pad Type				
Dens. | Visc.	|	|	Correlated By				
pH | Fluid Loss	| ml	|	Computed By				
Source of Sample							
R_m @ Meas. Temp.	@ °F	@ °F	Remarks:				
R_{mf} @ Meas. Temp.	@ °F	@ °F					
R_{mc} @ Meas. Temp.	@ °F	@ °F					
Source: R_{mf} | R_{mc}	|	|					
R_m @ BHT	0.74 @ 111 °F	@ °F					
R_{mf} @ BHT	1.56 @ 111 °F	@ °F					
R_{mc} @ BHT	1.12 @ 111 °F	@ °F					

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

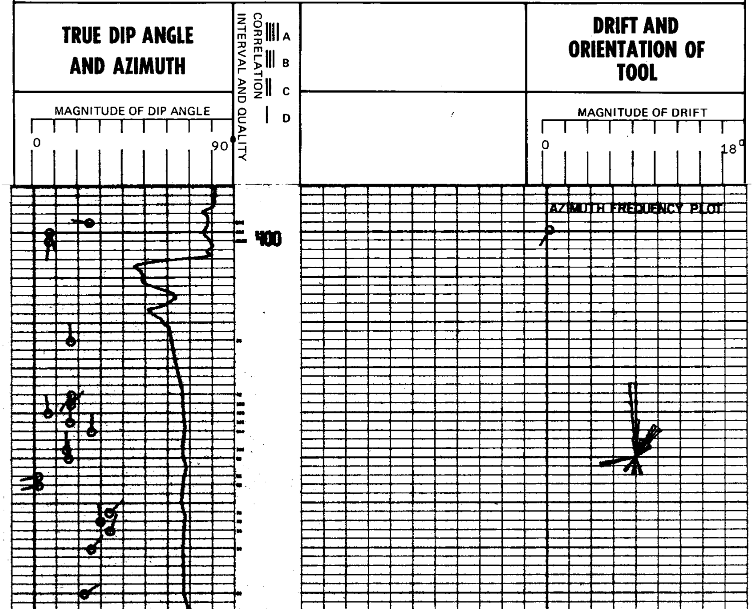
DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732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

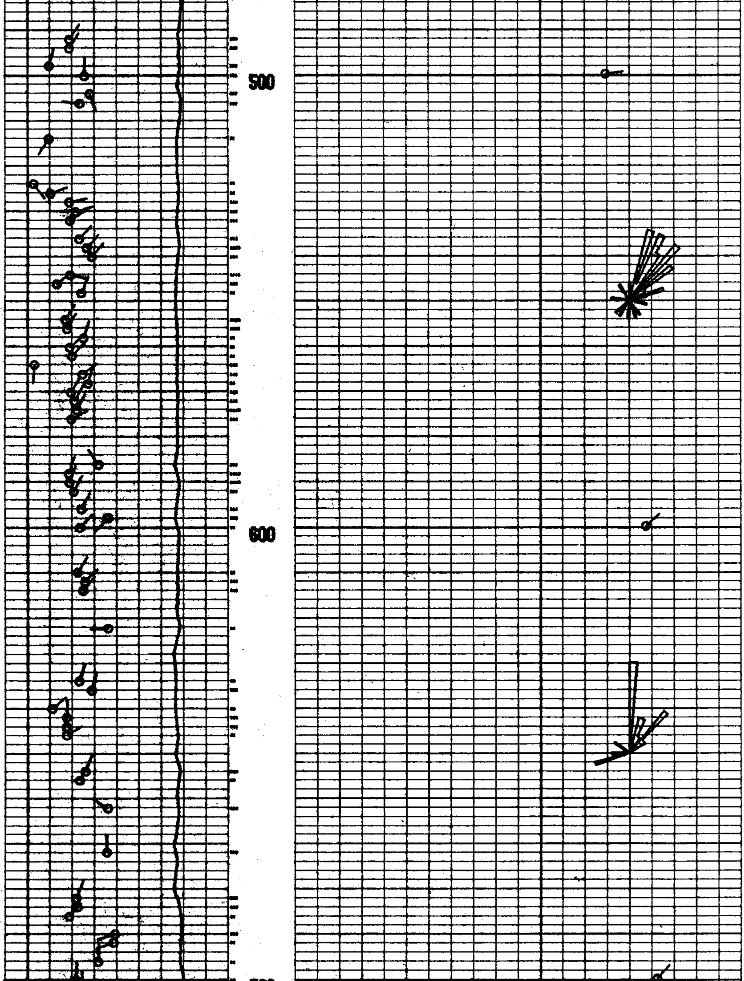
Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.

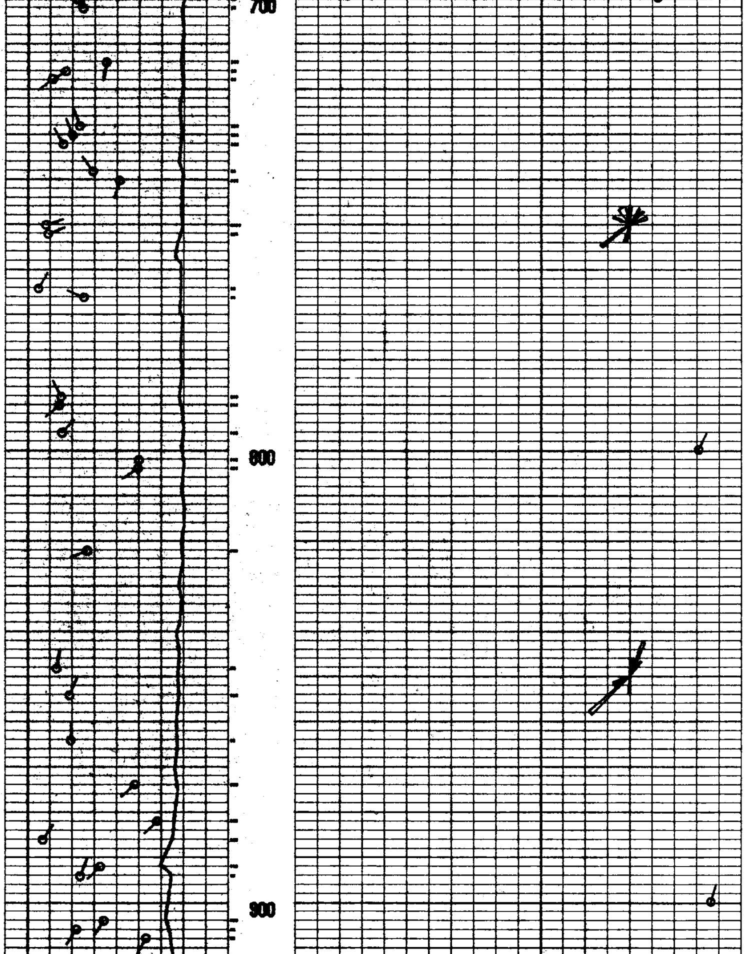
Example: Dip angle 10°, Horizontal distance 440 ft.

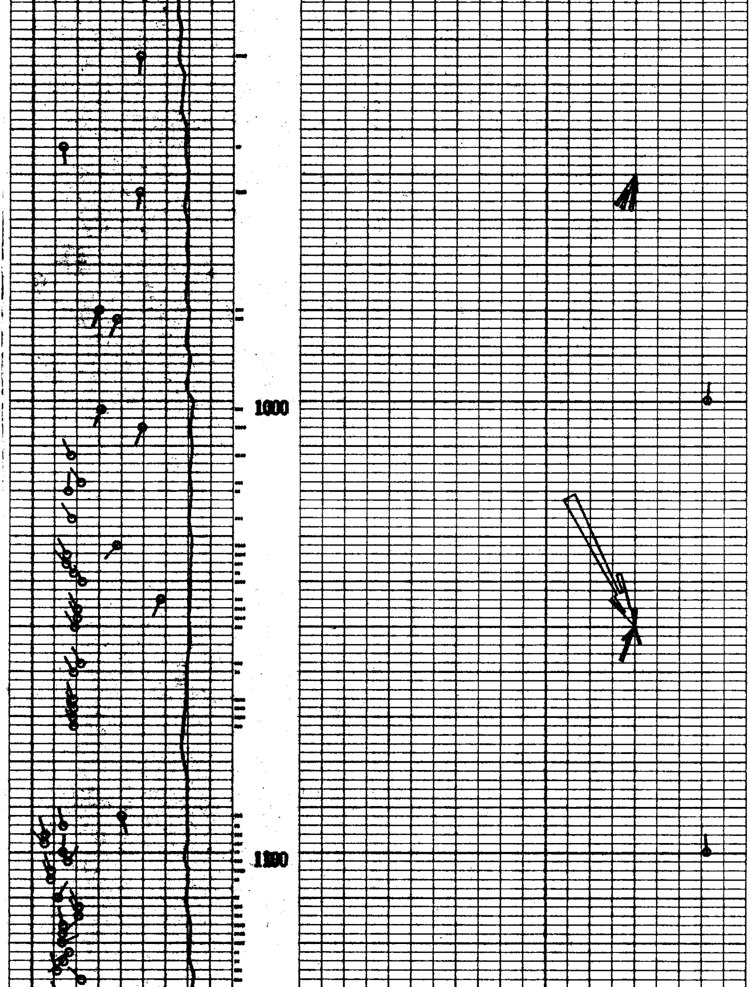
Vertical difference = .176 x 440 = 77.44

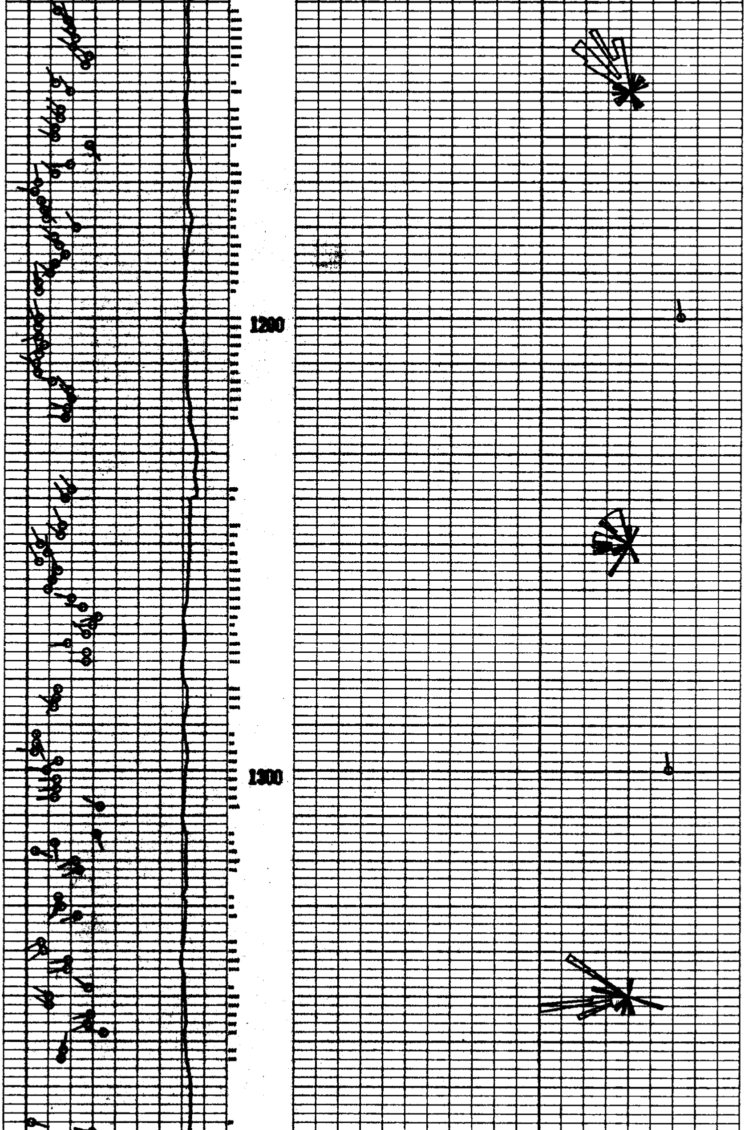
GRAPHIC PRESENTATION

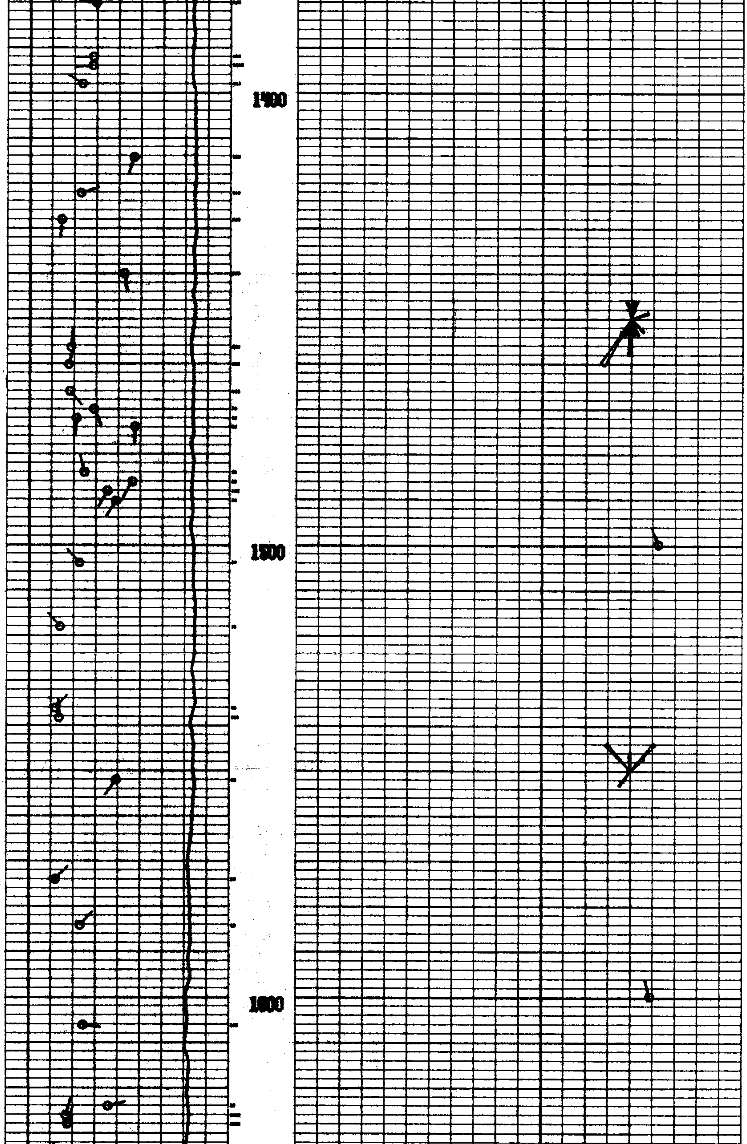


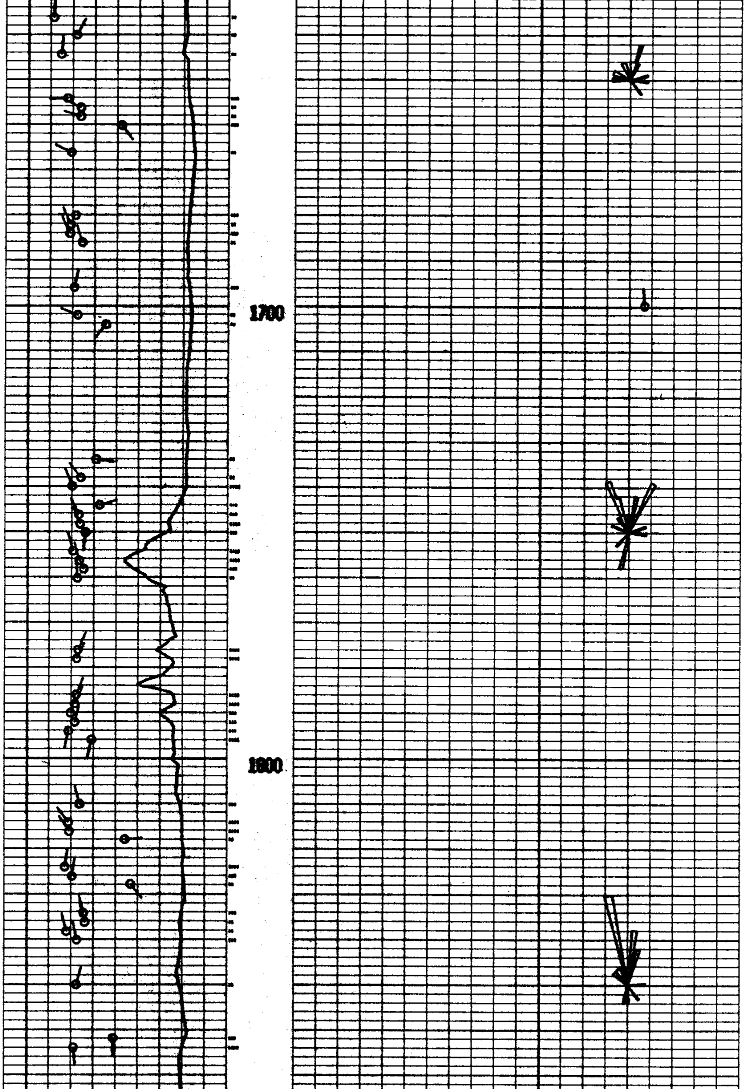


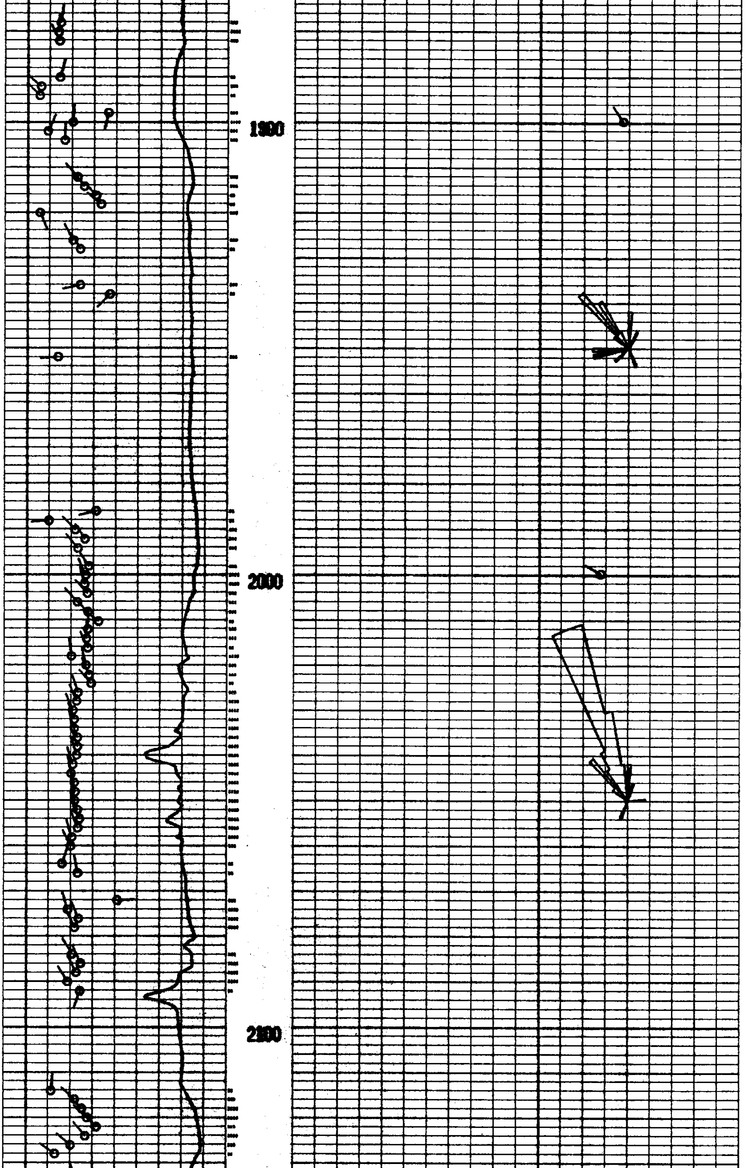


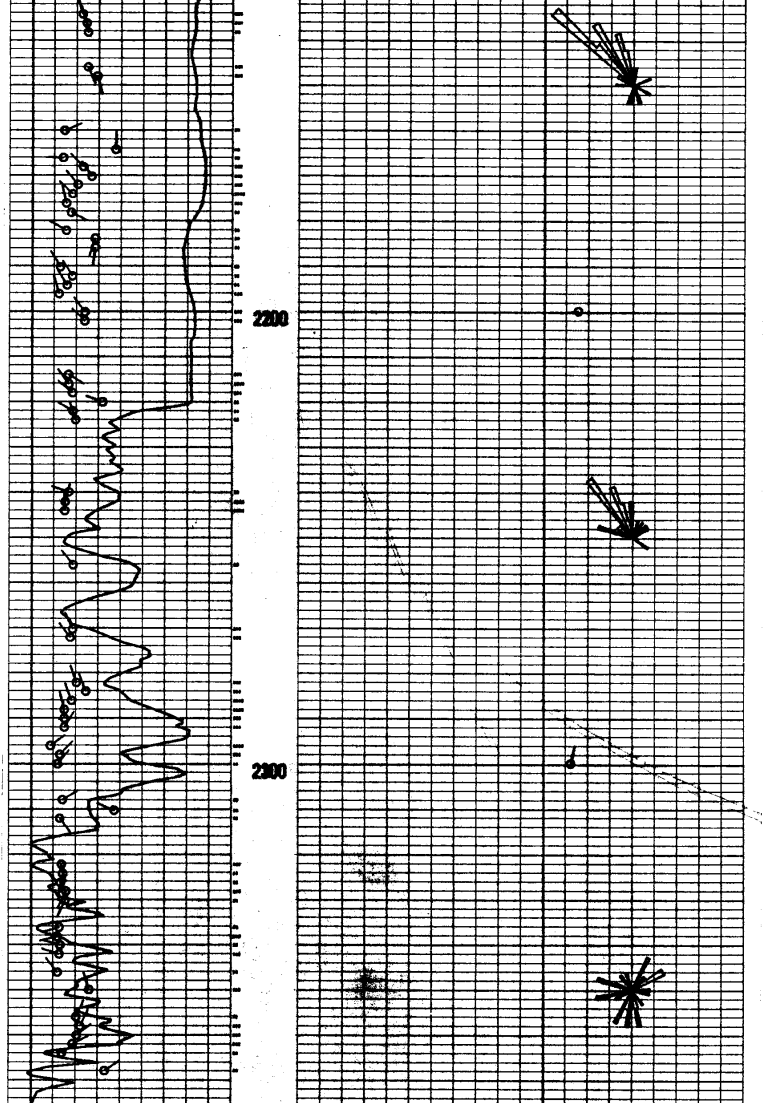


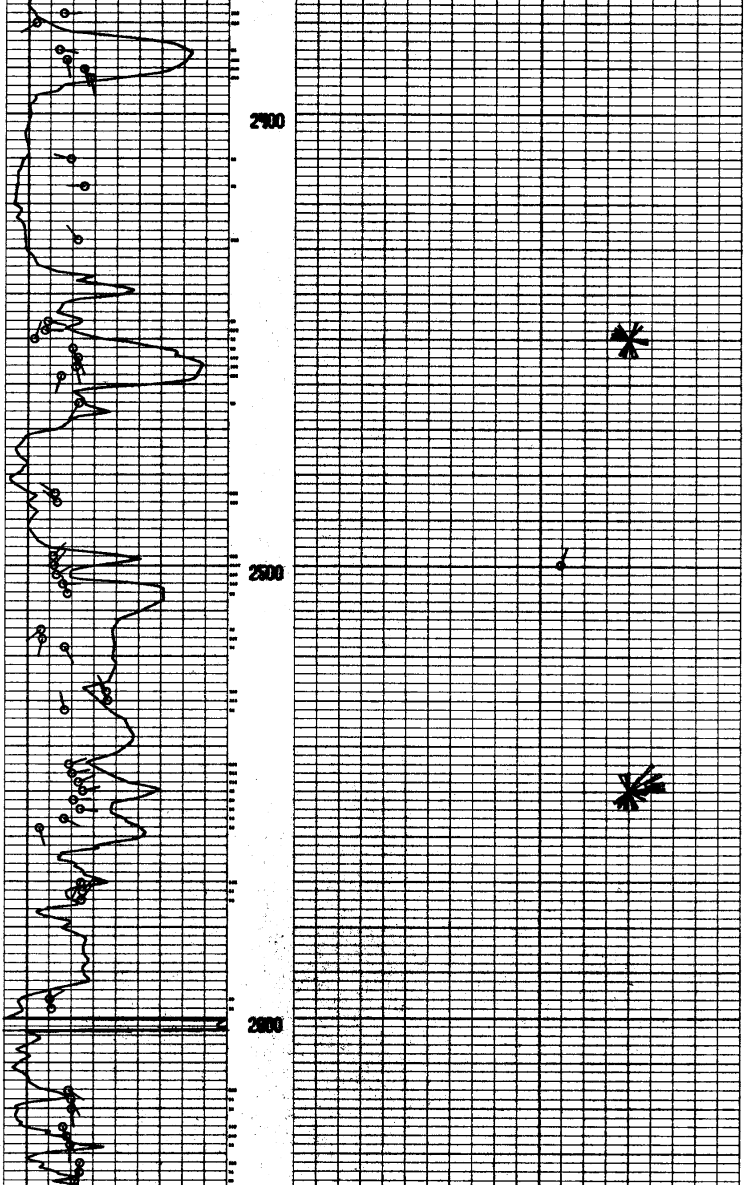


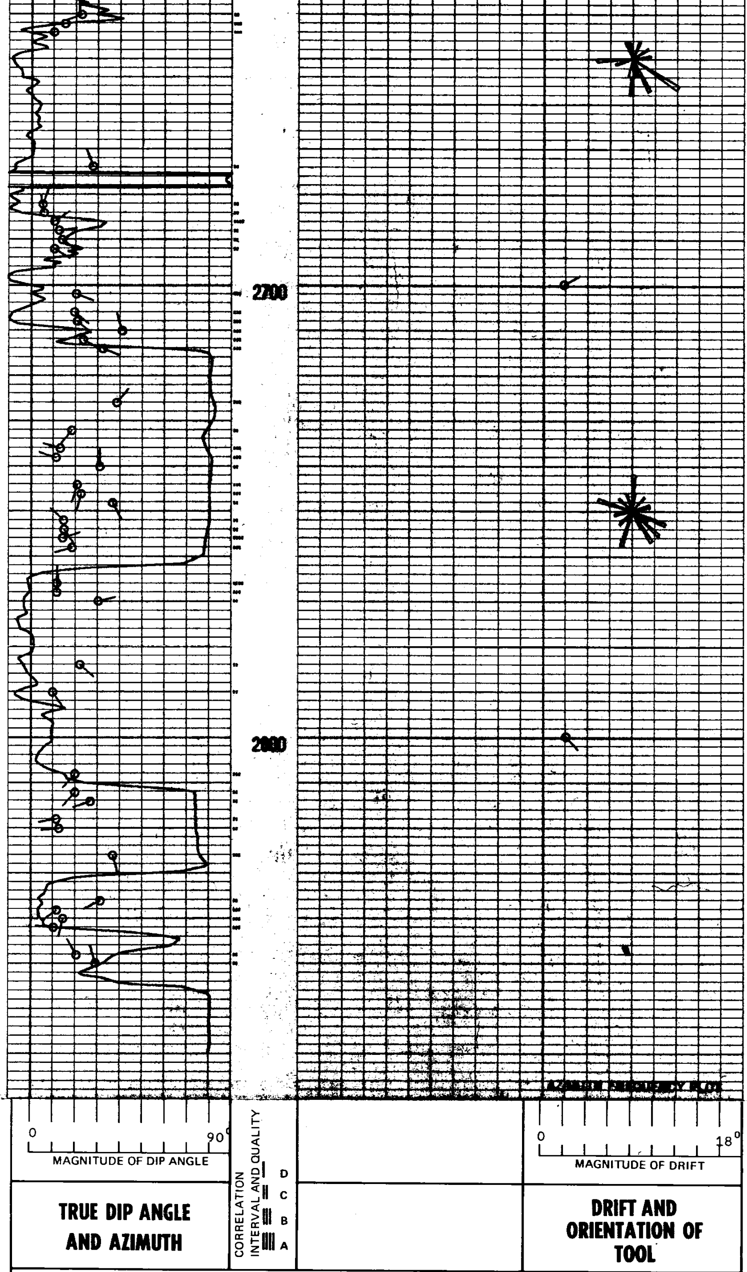












REICHHOLD ENERGY CORPORATION
CROWN ZELLERBACH NO. 42-1 SIDETRACK
MIST NAHALEM BASIN
COLUMBIA COUNTY, OREGON

T.D. LOGGED 2889
T.D. DRILLER 2891
T.D. WELEX 2890

ELEV: K.B. 1303.5 G.L. 1293.0