COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY No. 43-22
FIELD MIST
COUNTY COLUMBIA STATE ORE

Welex

DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY No. 43-22

FIELD MIST

COUNTY COLUMBIA STATE OREGON

Location S 89° 04' 19''W (879.33)
S 0° 55' 41''W (391.73)
FROM E/4 CORNER:
Sec. 22 Twp. 6 N Rge. 5 W

Other Services:
DIGL
C/AVL

Permanent Datum GL Elev. 697.50
Log Measured From KB 11.4 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 708.90
D.F.
G.L. 697.50

Date	2-25-84			
Run No.	ONE			
Depth - Driller	2252			
Depth - Welex	2250			
Btm. Log Inter.	2249			
Top Log Inter.	377			
Casing - Driller	85/8@ 377	@	@	@
Casing - Welex	377			
Bit Size	7 7/8			
Type Fluid in Hole	LOGNO- SULFONATE			
Dens. | Visc.	10.8 | 22	|	|	|
pH | Fluid Loss	9.5 | 6.2 ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	3.0@ 64 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.5@ 62 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.6@ 62 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEAS | MEAS	|	|	|
R_m @ BHT	1.9@ 98 °F	@ °F	@ °F	@ °F
Time Since Circ.	4 HOURS			
Max. Rec. Temp.	98 °F @ BHT	°F @	°F @	°F @
Equip. | Location	2890 | WDLND	|	|	|
Recorded By	PARMELEE			
Witnessed By	ALGER			

Fold Here

Service Ticket No. 154190 Remarks PAD No. 5 RECORDED ON FILM

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	1.9 @ 98 °F	@ °F
R_{mf} @ BHT	.94 @ 98 °F	@ °F
R_{mc} @ BHT	1.6 @ 98 °F	@ °F

Run No.	1	2	3	4
Tool Type	4-ARM			
Tool Number	76888	MAND30044	TD 81096	
Pad Type	FORXO			
Correlated By	HOUSTON	TEXAS		
Computed By	HOUSTON	TEXAS		

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° EAST

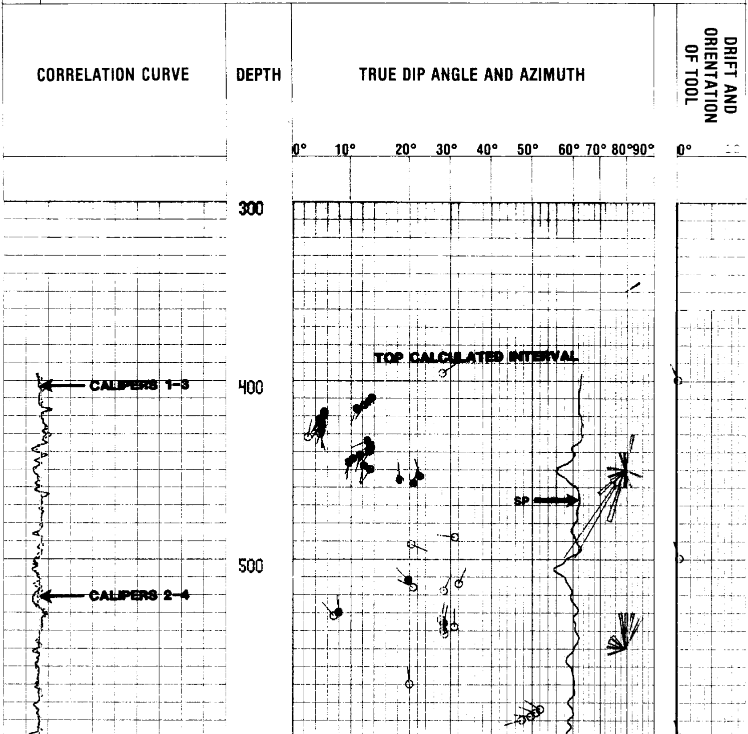
TABLE OF CONSTANTS FOR DETERMINING VERTICAL DIFFERENCE AT VARIOUS DIP ANGLES

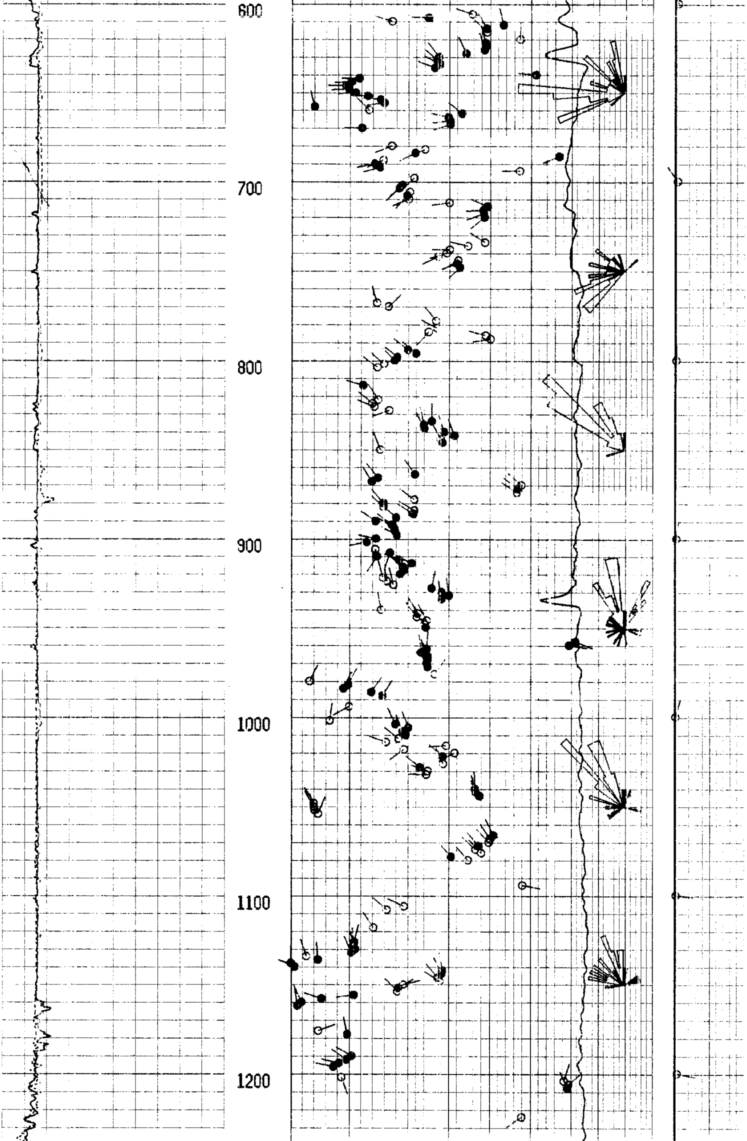
DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	.213	22	.404	40	839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732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

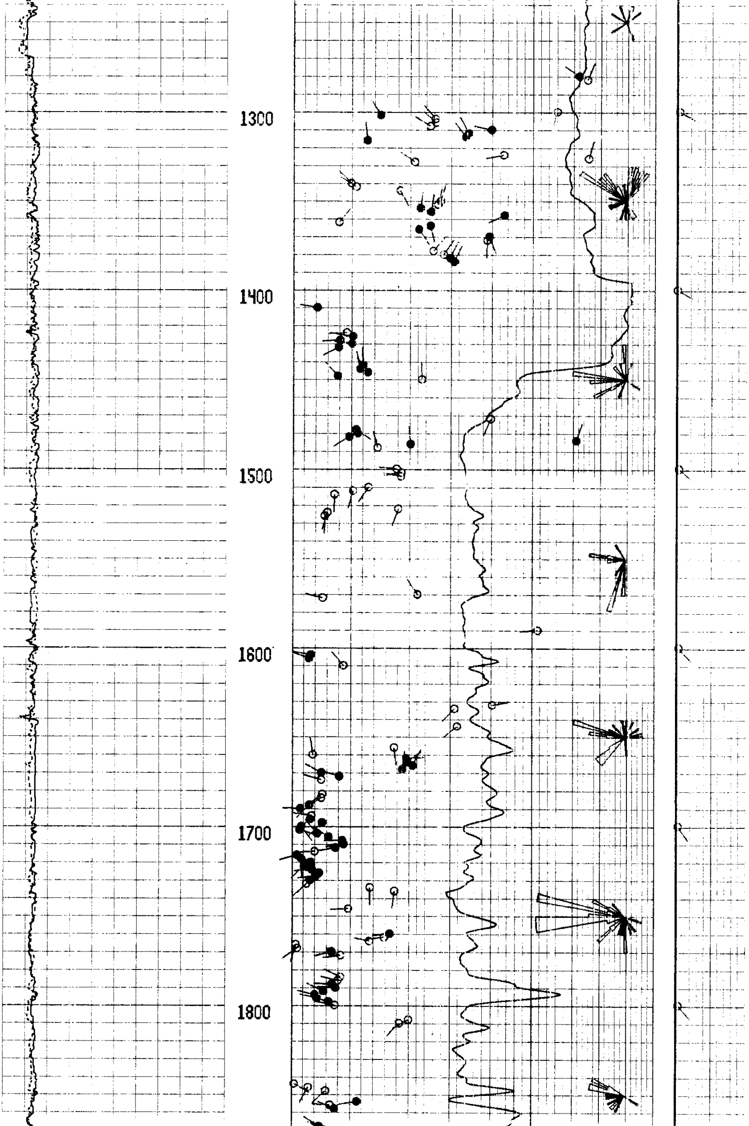
Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.

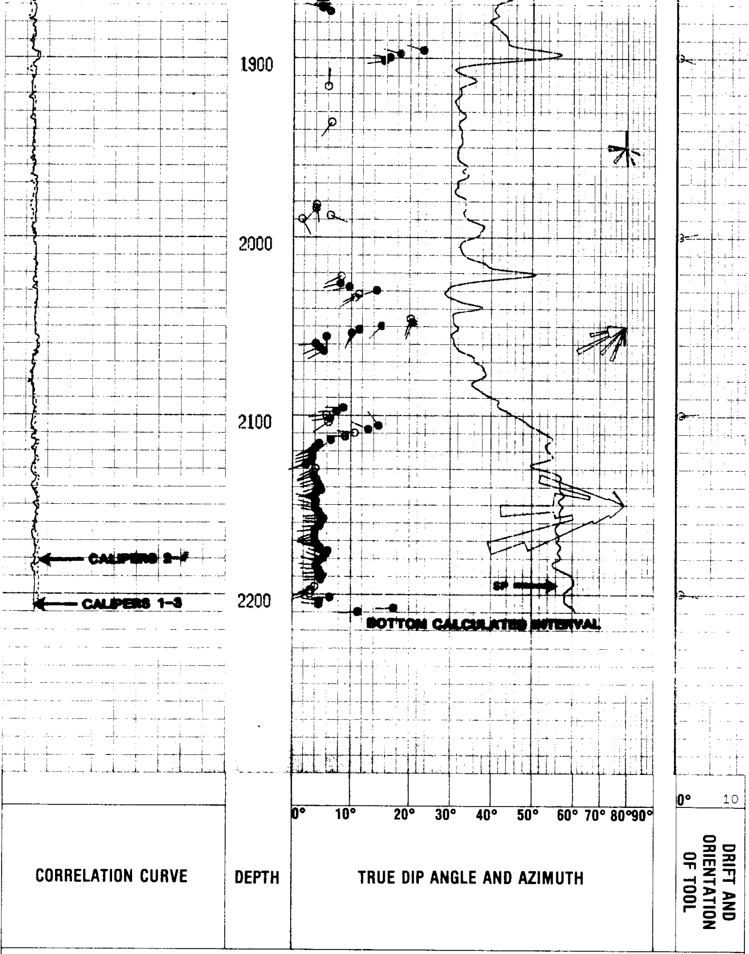
Example: Dip angle 10°. Horizontal distance 440 ft.
Vertical difference = .176 x 440 = 77.44

GRAPHIC PRESENTATION









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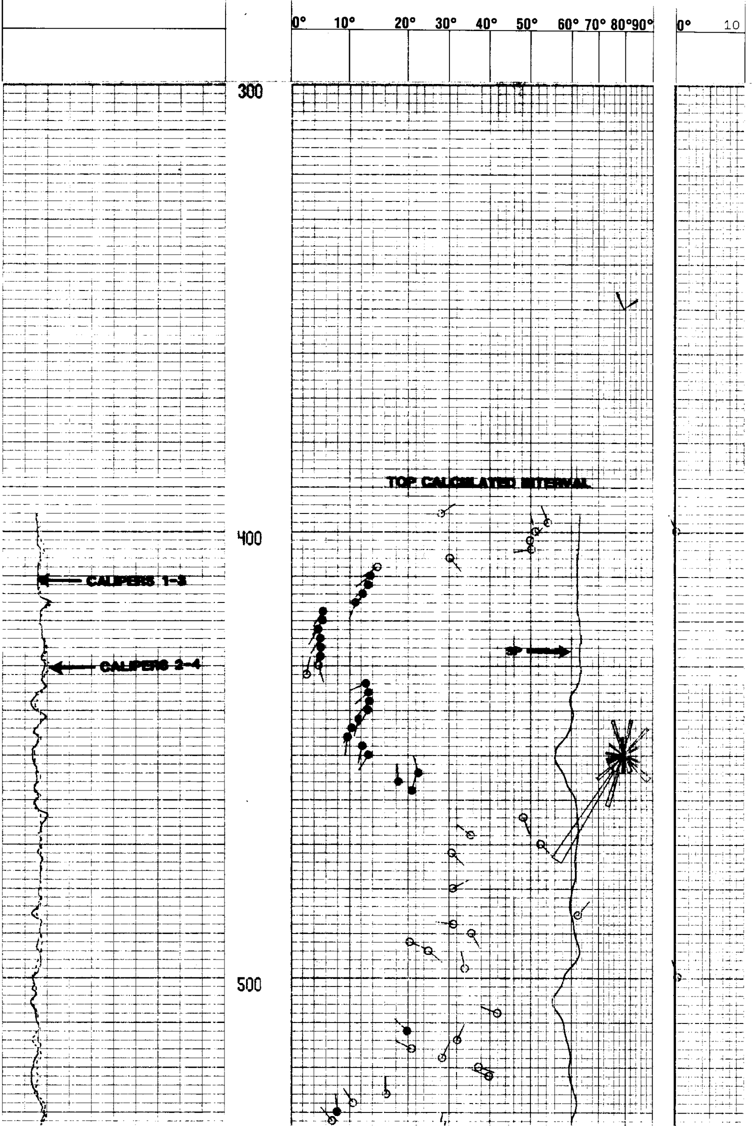
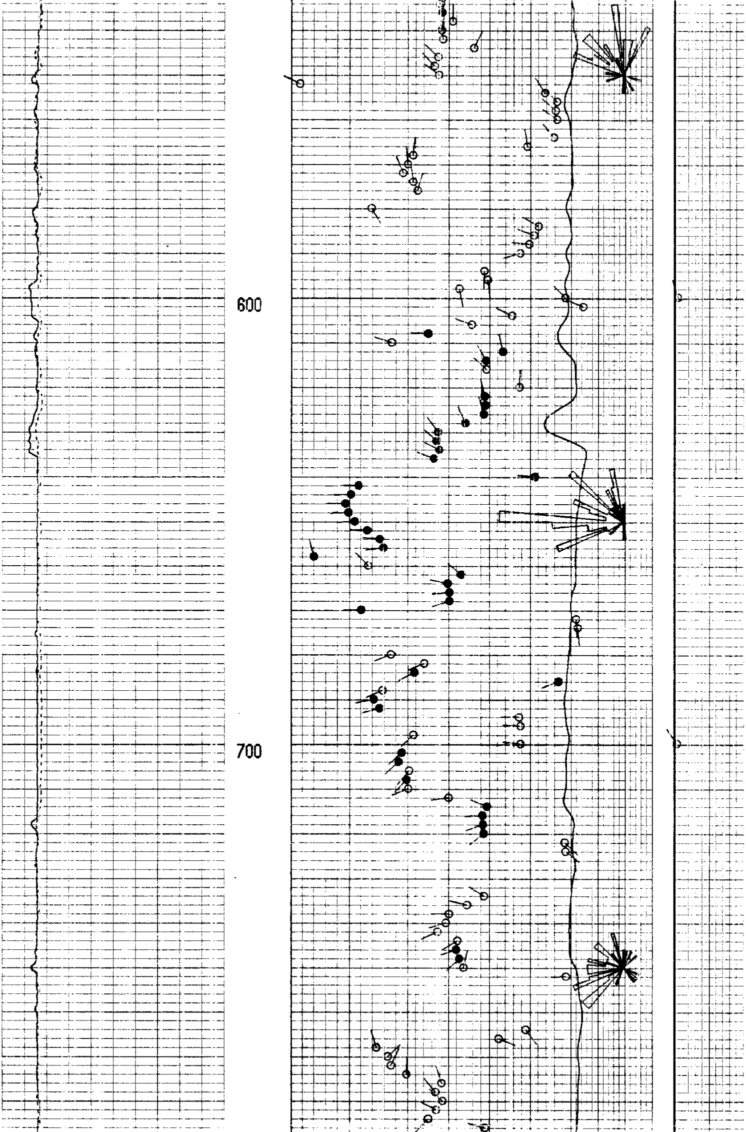
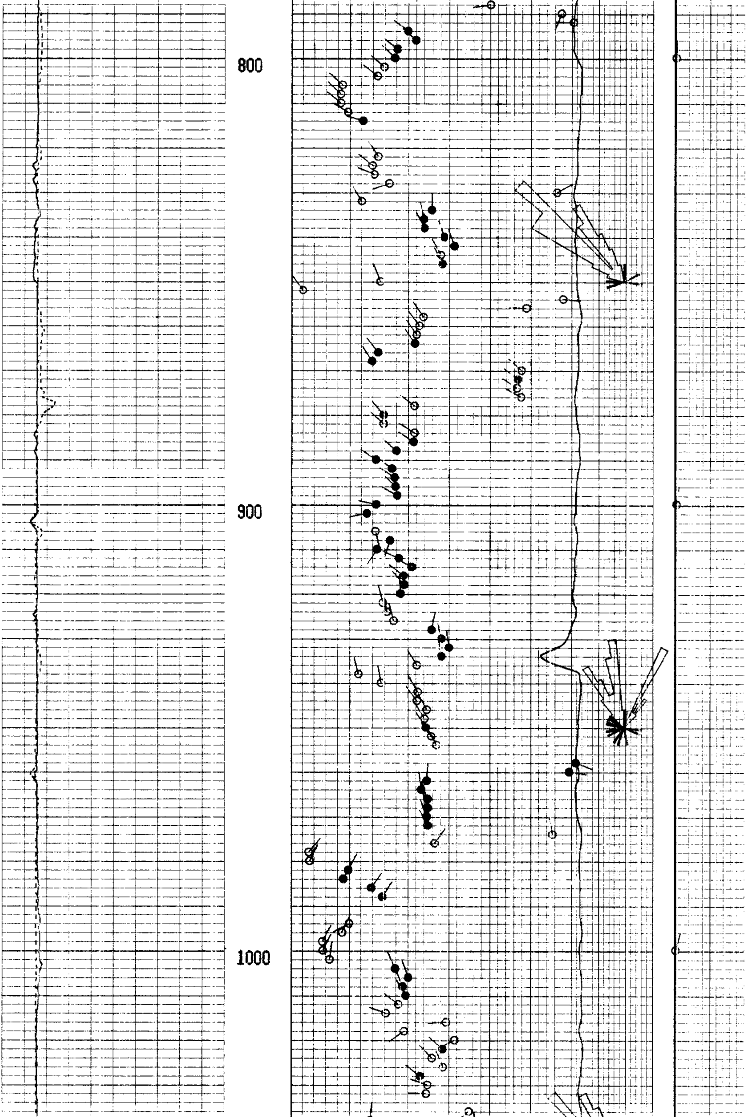
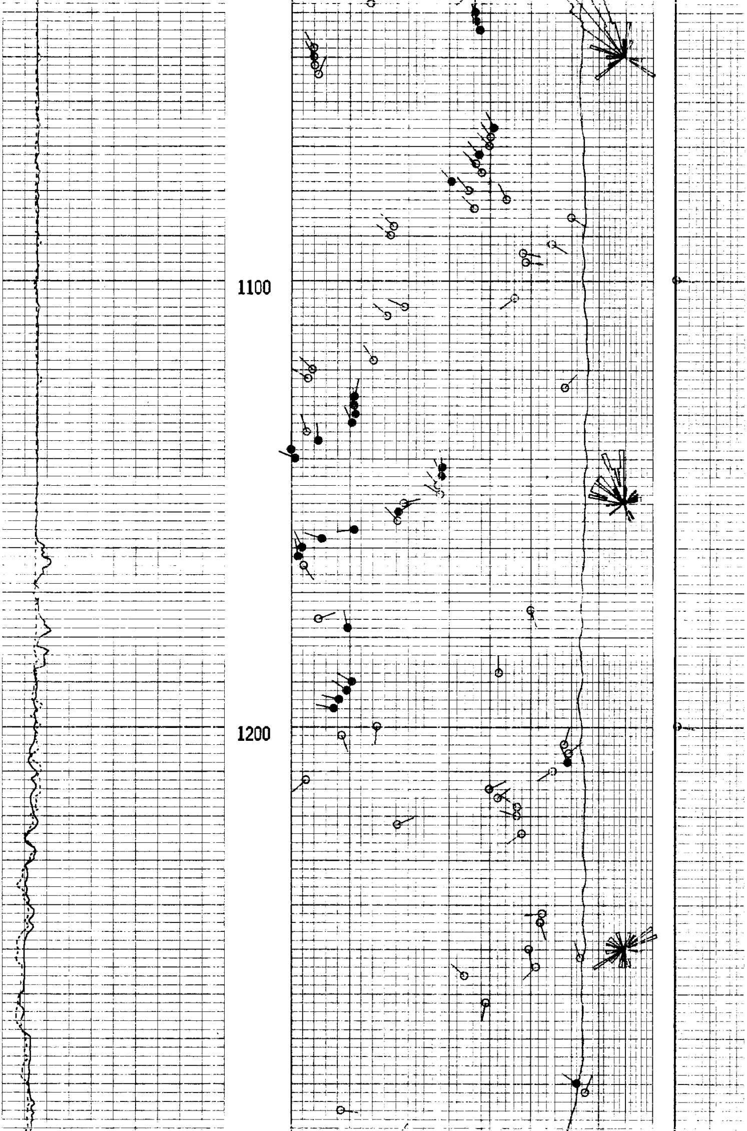
GRAPHIC PRESENTATION

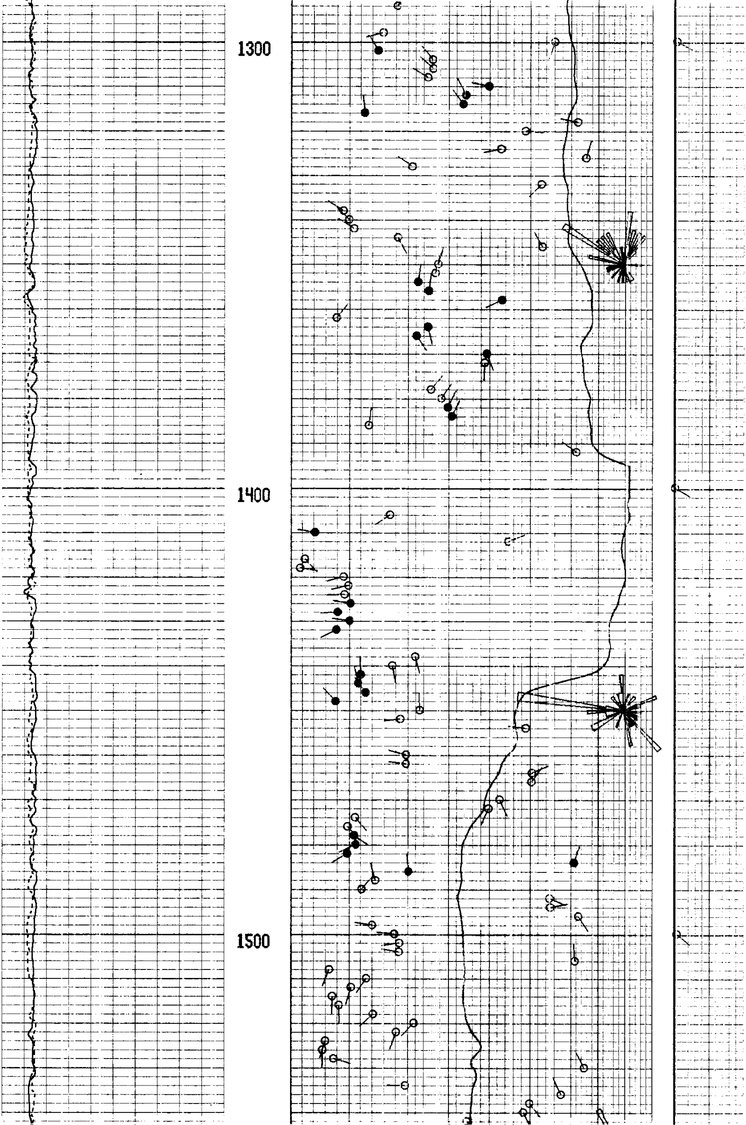
CORRELATION CURVE	DEPTH	TRUE DIP ANGLE AND AZIMUTH	DRIFT AND ORIENTATION OF TOOL

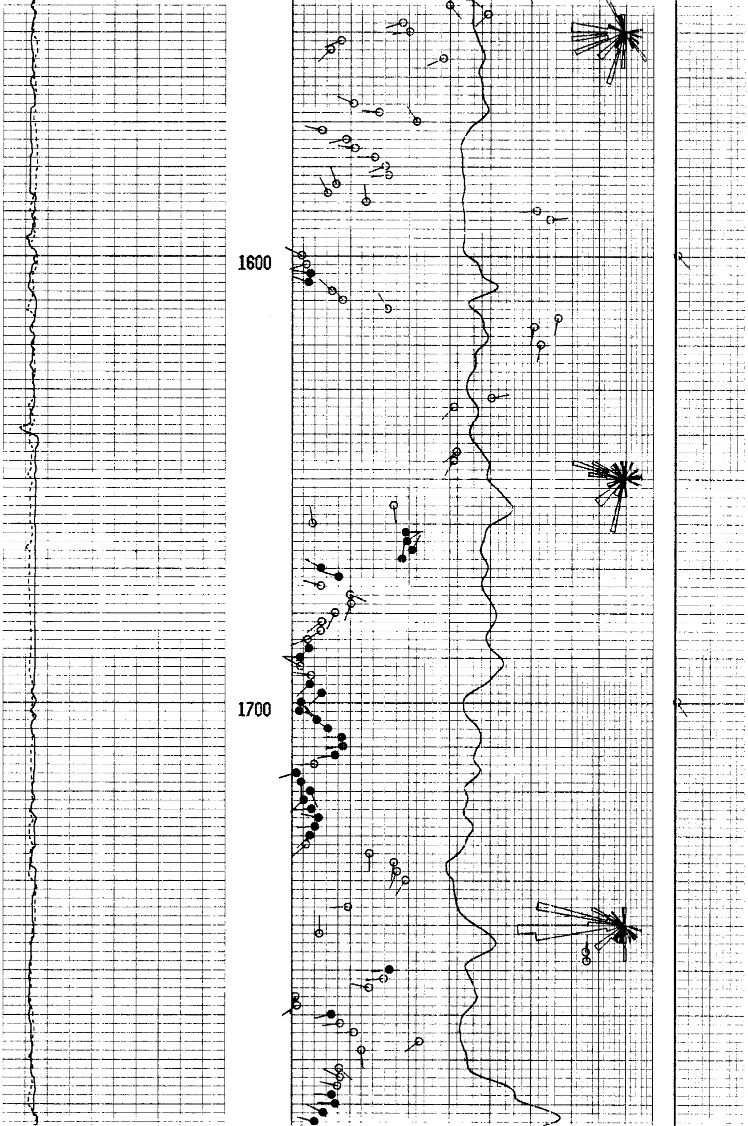


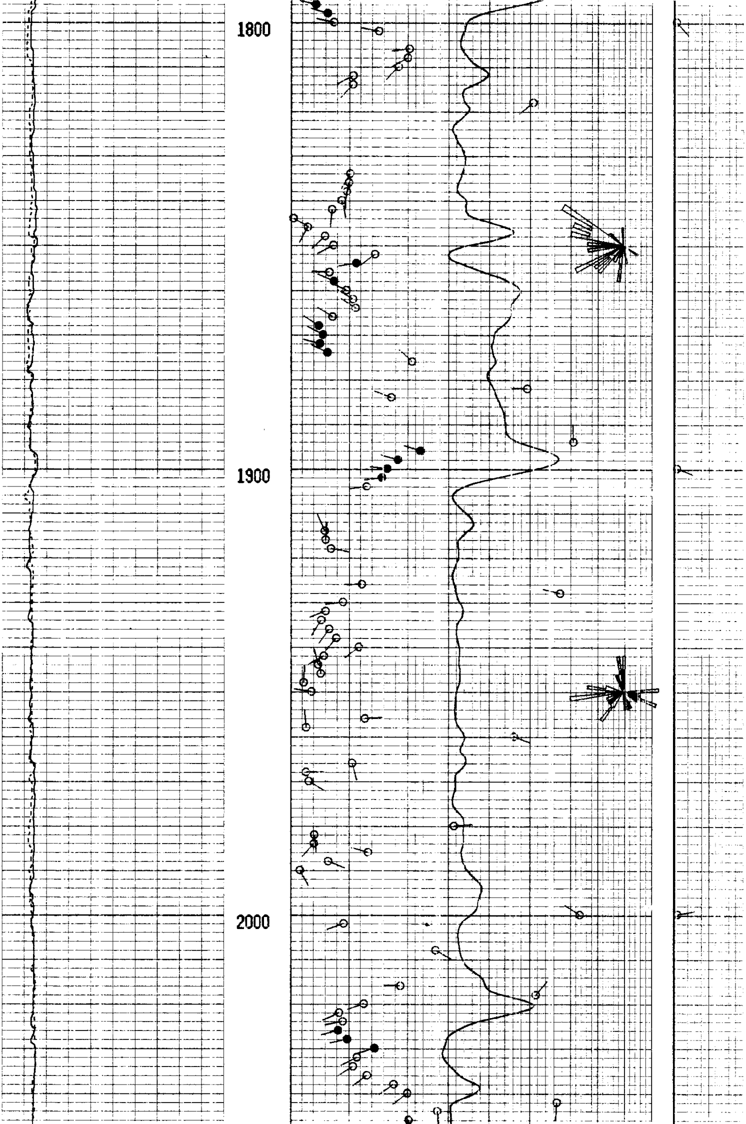


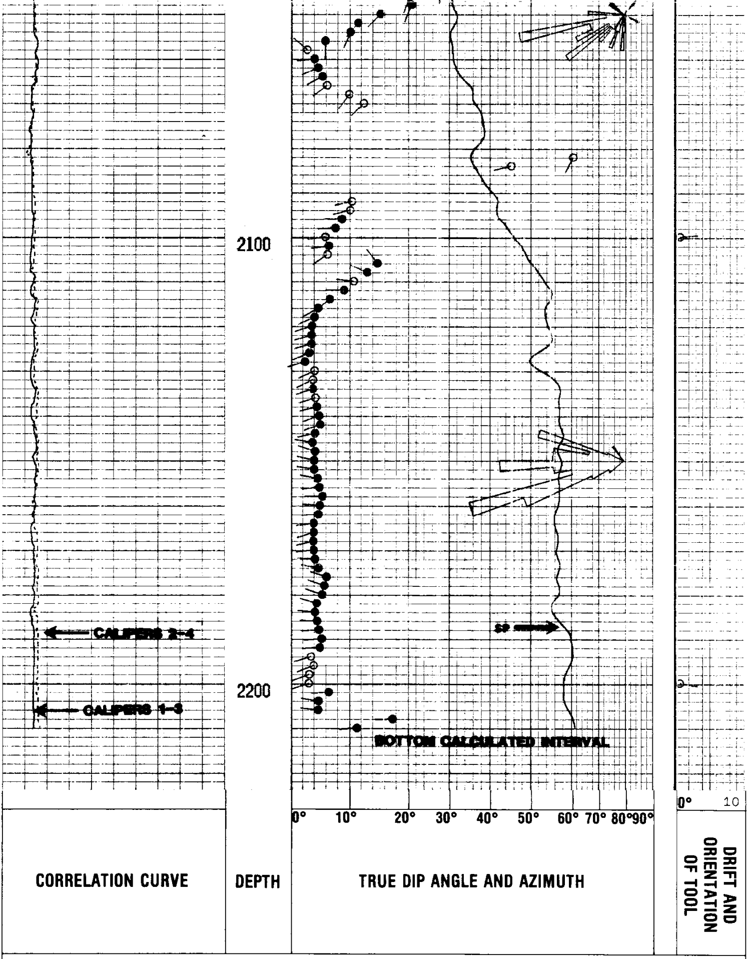












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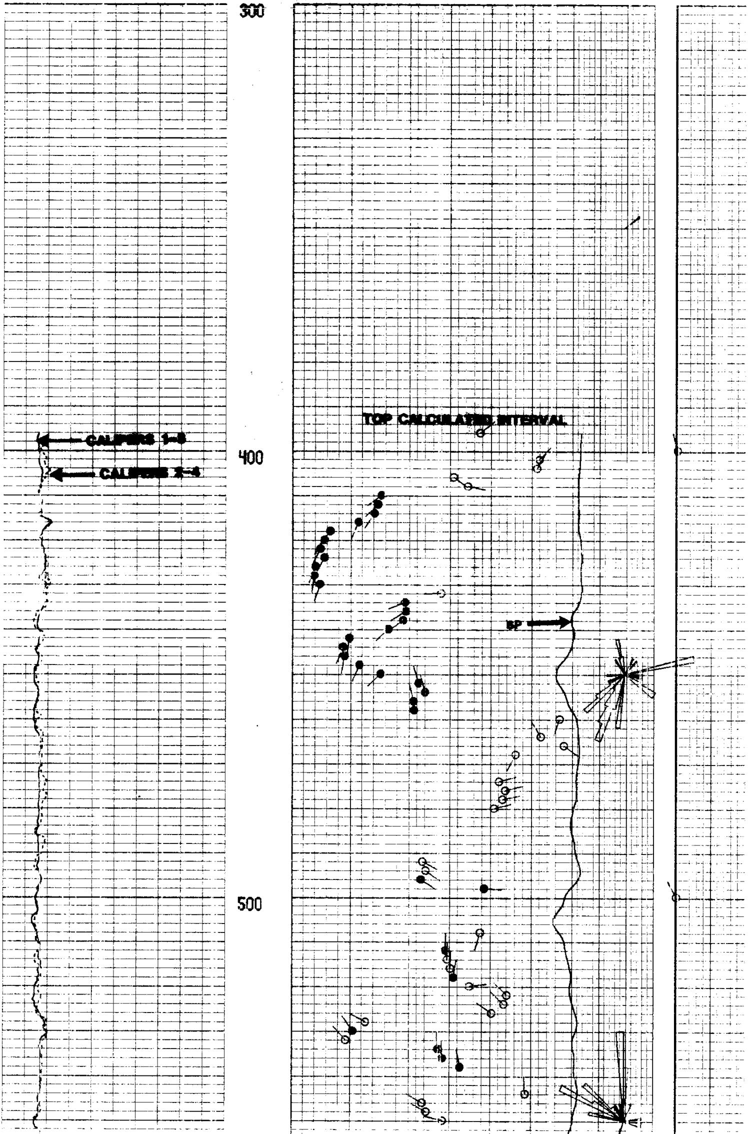
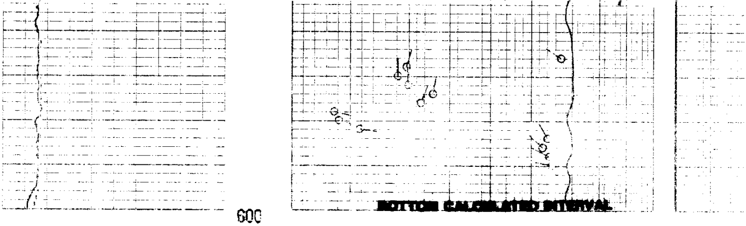
WELL COLUMBIA COUNTY No. 43-22

FIELD MIST

COUNTY COLUMBIA **STATE** OREGON

T.D. LOGGED 2249
T.D. DRILLER 2252
T.D. WELEX 2250
ELEV: K.B. 708.90
D.F.
G.L. 697.50

REPEAT SECTION