CC 41-02-65 + RD 1

Welex

5"=100'

DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA 41-2 REDRILL NO. 1
FIELD MIST
COUNTY COL. STATE ORE.

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY 41-2 REDRILL NO. 1
FIELD MIST
COUNTY COLUMBIA STATE OREGON

Location 1218' SOUTH AND 482' WEST OF THE NORTHEAST CORNER OF:
Sec. 1 Twp. 6N Rge. 5W

Other Services:
DIG
C/AVL

Permanent Datum G.L. Elev. 1182.5
Log Measured From K.B. OR 11.4 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 1193.9
D.F.
G.L. 1182.5

Date	2-16-82			
Run No.	TWO			
Depth - Driller	3040			
Depth - Welex	3030			
Btm. Log Inter.	3000			
Top Log Inter.	550			
Casing - Driller	7 @ 518	@	@	@
Casing - Welex	NOT LOGGED			
Bit Size	6 1/4			
Type Fluid in Hole	GEL-LCM			
Dens. | Visc.	66.6 | 48	|	|	|
pH | Fluid Loss	11.0 | 12 ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	2.6 @ 59 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.85 @ 59 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.90 @ 62 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|	|
R_m @ BHT	1.33 @ 115 °F	@ °F	@ °F	@ °F
Time Since Circ.	2 HOURS			
Max. Rec. Temp.	115°F @BHT	°F @	°F @	°F @
Equip. | Location	2890 | WOODLAND	|	|	|
Recorded By	CONNER, WISHART			
Witnessed By	ALGER			

Fold Here

Service Ticket No. 116026 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	1.53 @ 115 °F	@ °F
R_{mf} @ BHT	1.46 @ 115 °F	@ °F
R_{mc} @ BHT	1.56 @ 115 °F	@ °F

Run No.	1	2	3	4
Tool Type	DIP			
Tool Number	81096			
Pad Type	N/A			
Correlated By	N/A			
Computed By	N/A			

INS. 98886
Remarks: MAN. 90126
TRANS. 81096

DRAFTED BY: B. CASTRO

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.

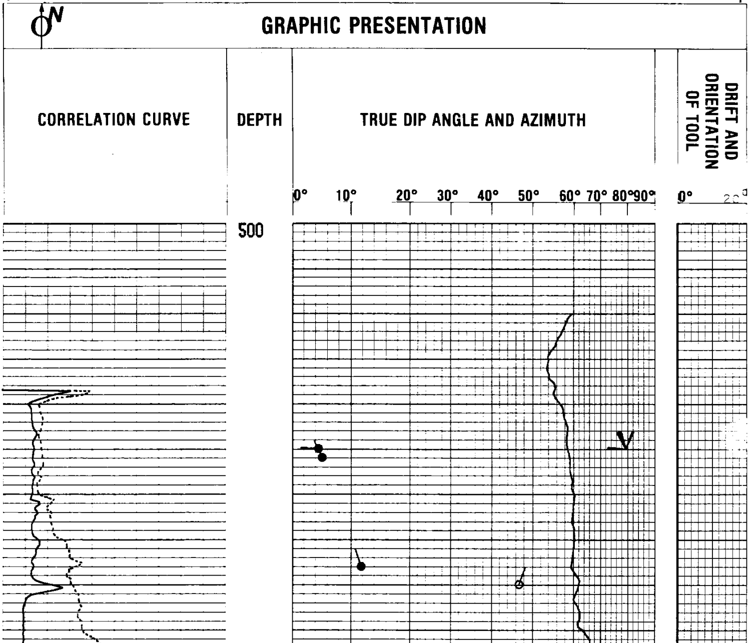
Magnetic Declination NORTH 22.5 EAST

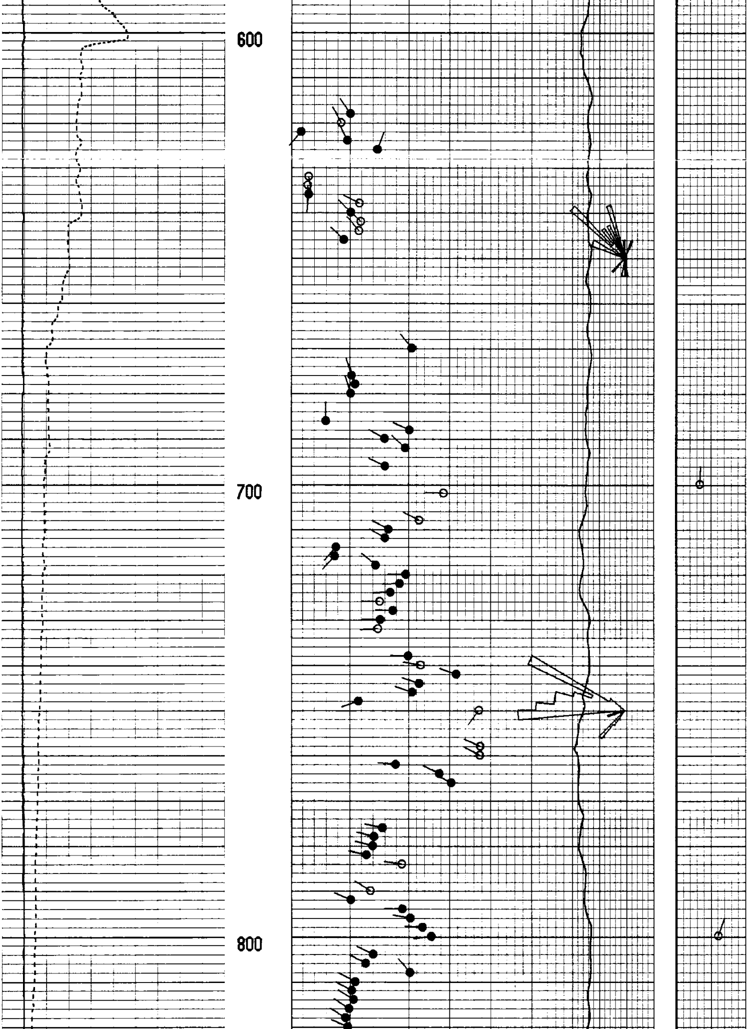
TABLE OF CONSTANTS FOR DETERMINING VERTICAL DIFFERENCE AT VARIOUS DIP ANGLES

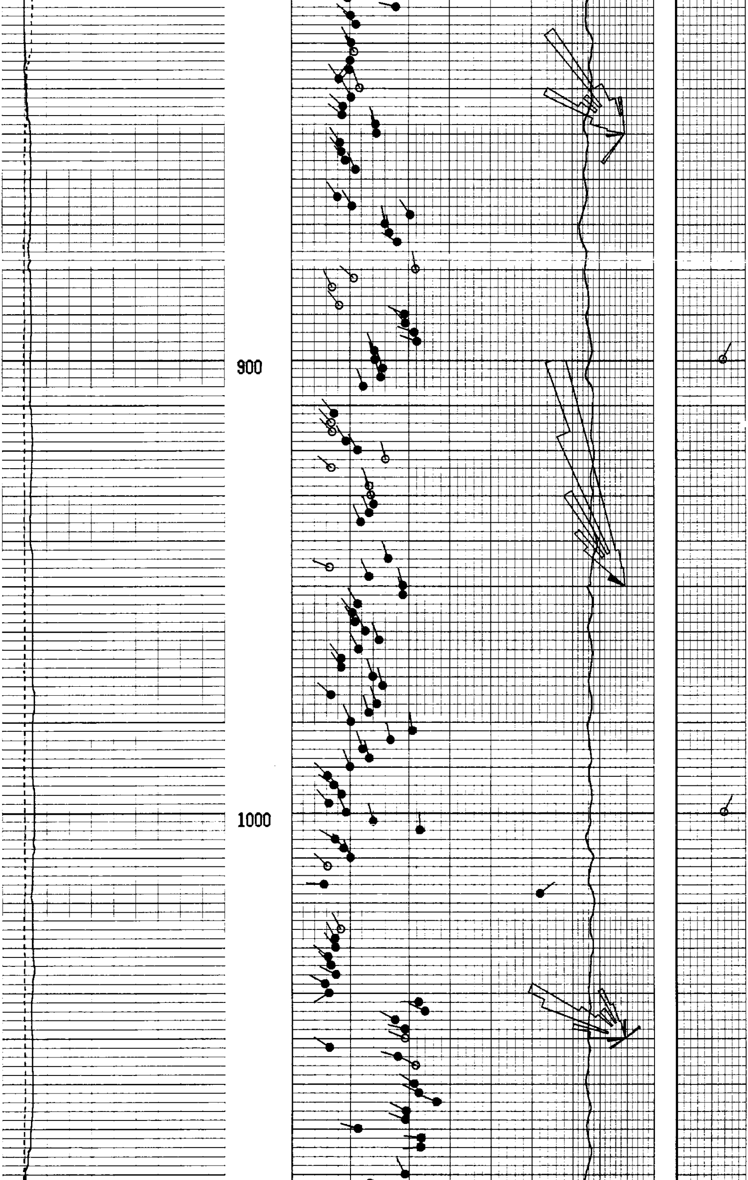
DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	.213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732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

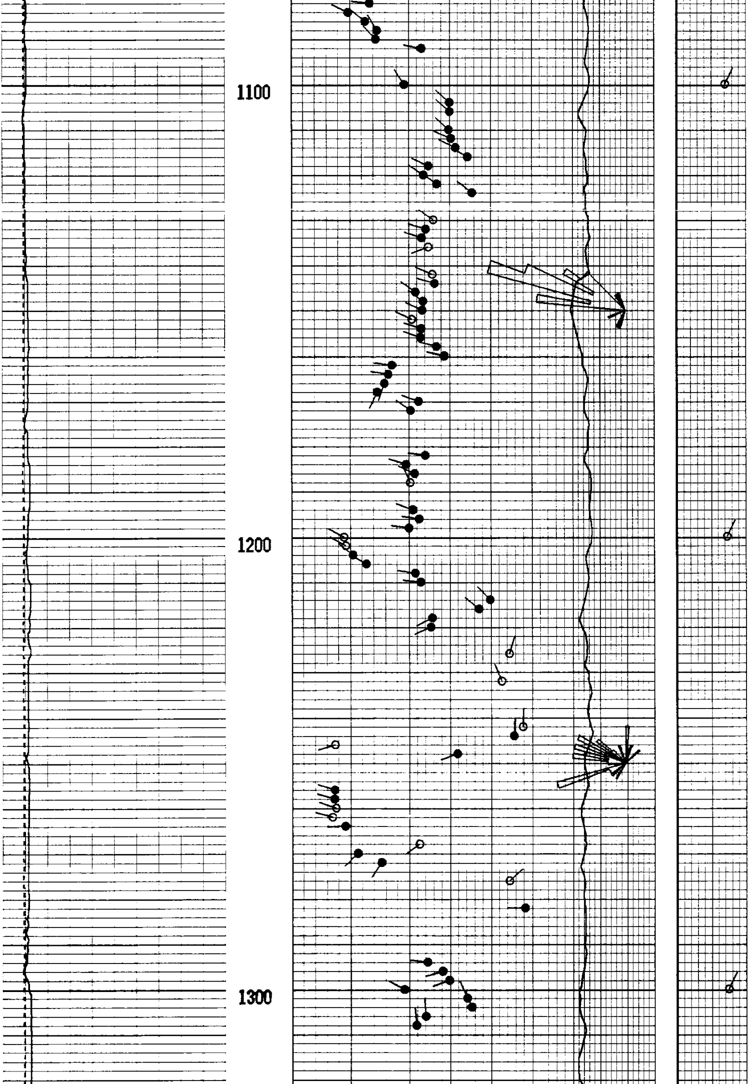
Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.

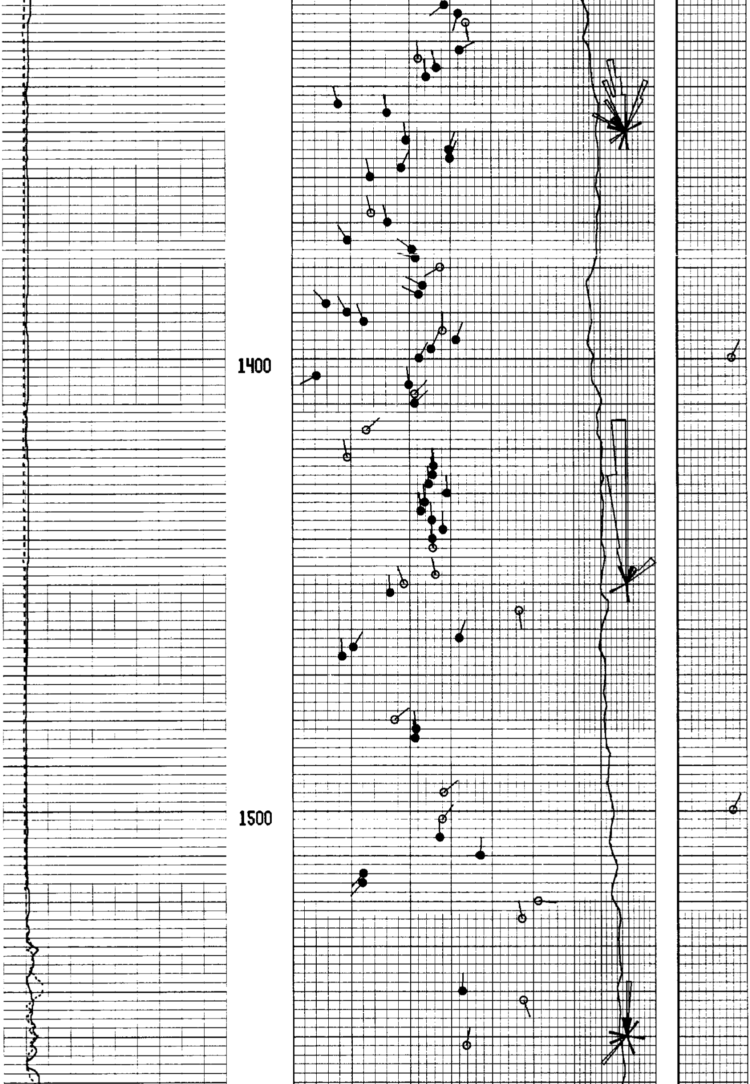
Example: Dip angle 10°. Horizontal distance 440 ft.
Vertical difference = .176 x 440 = 77.44

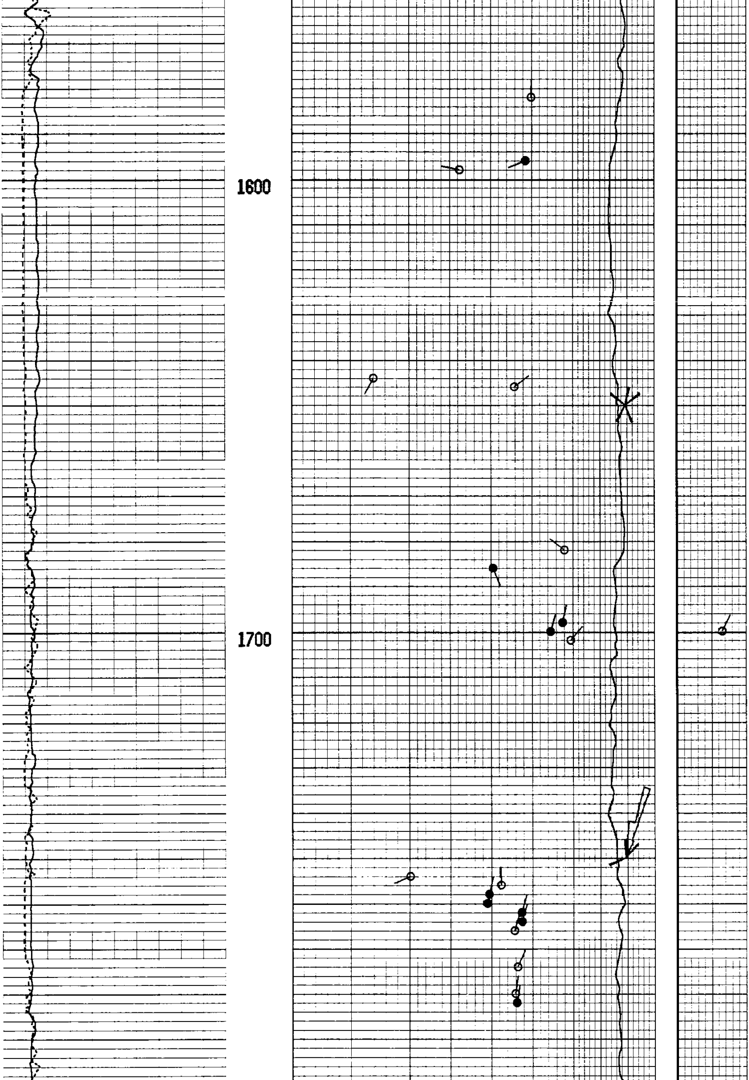


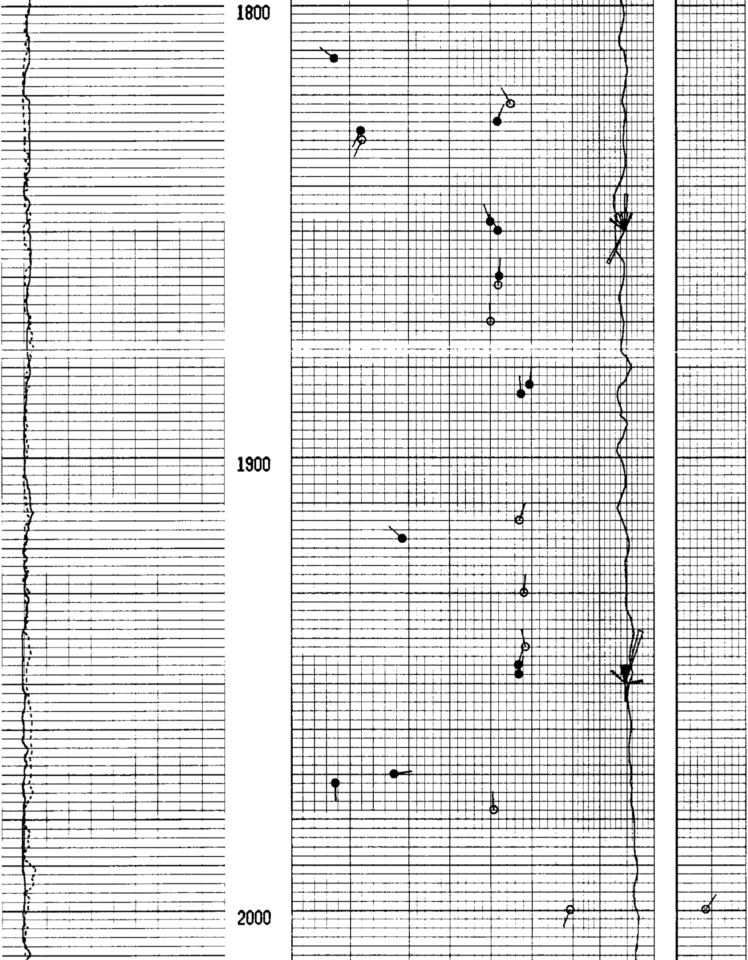


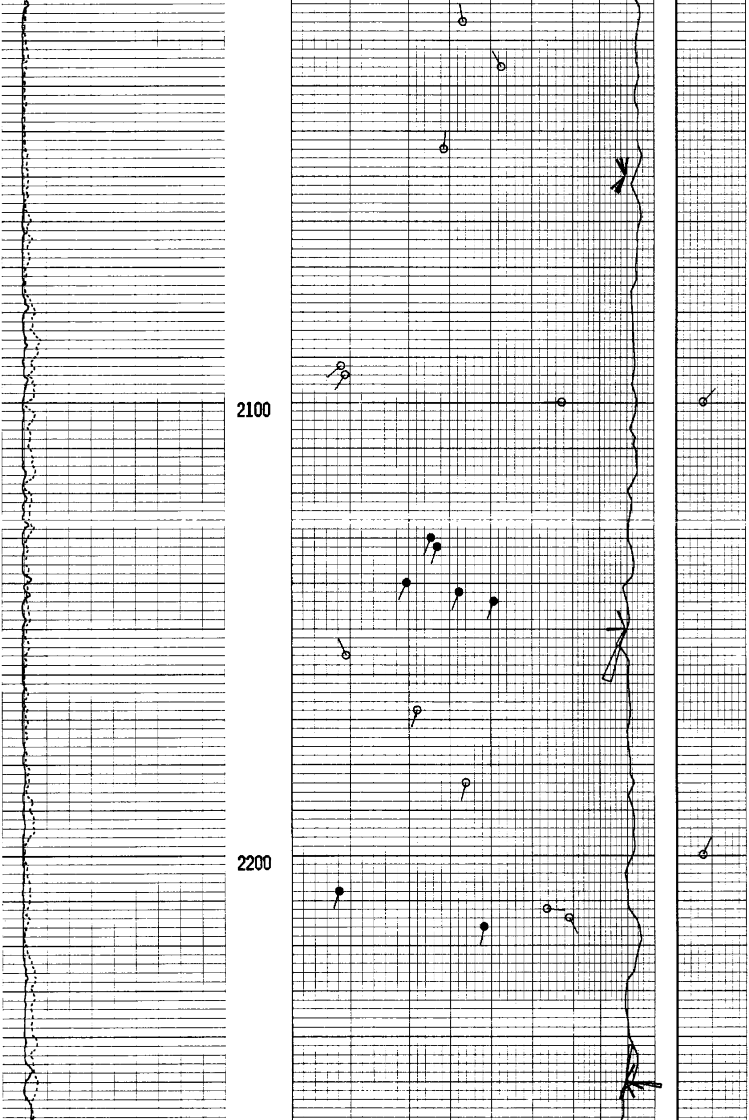


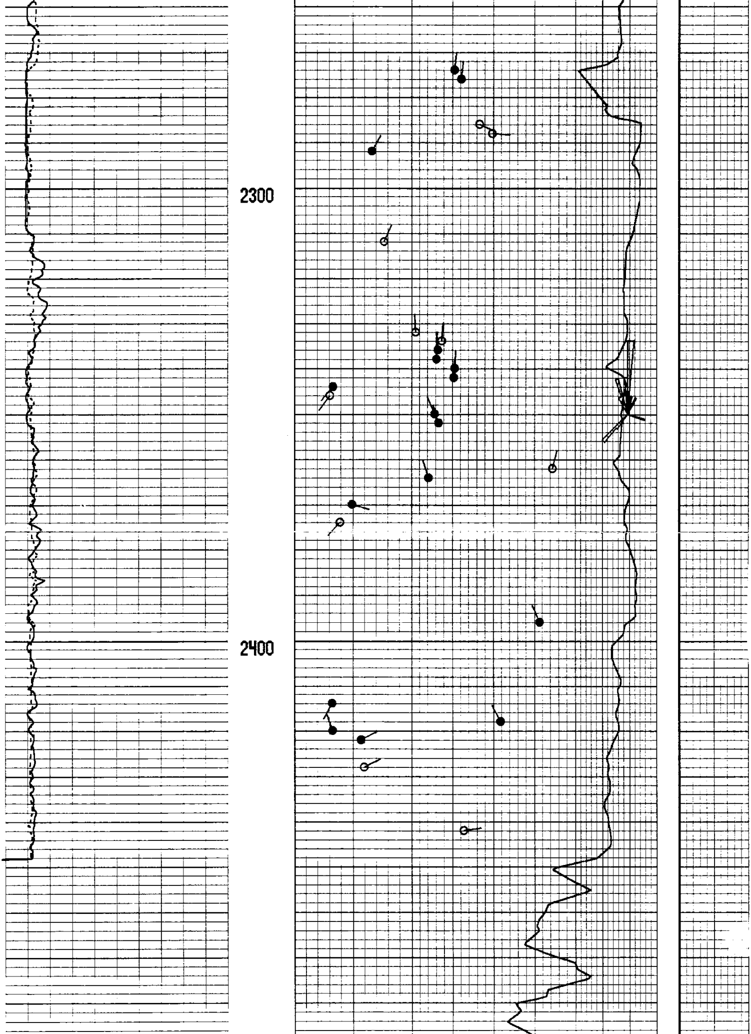


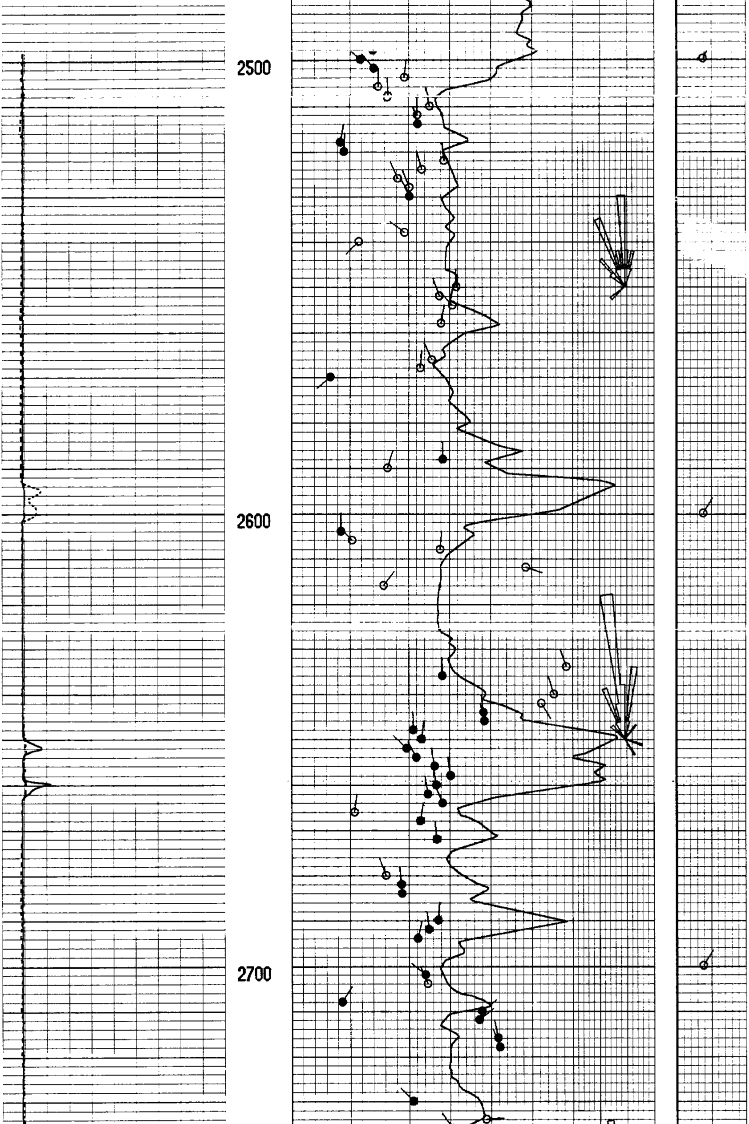


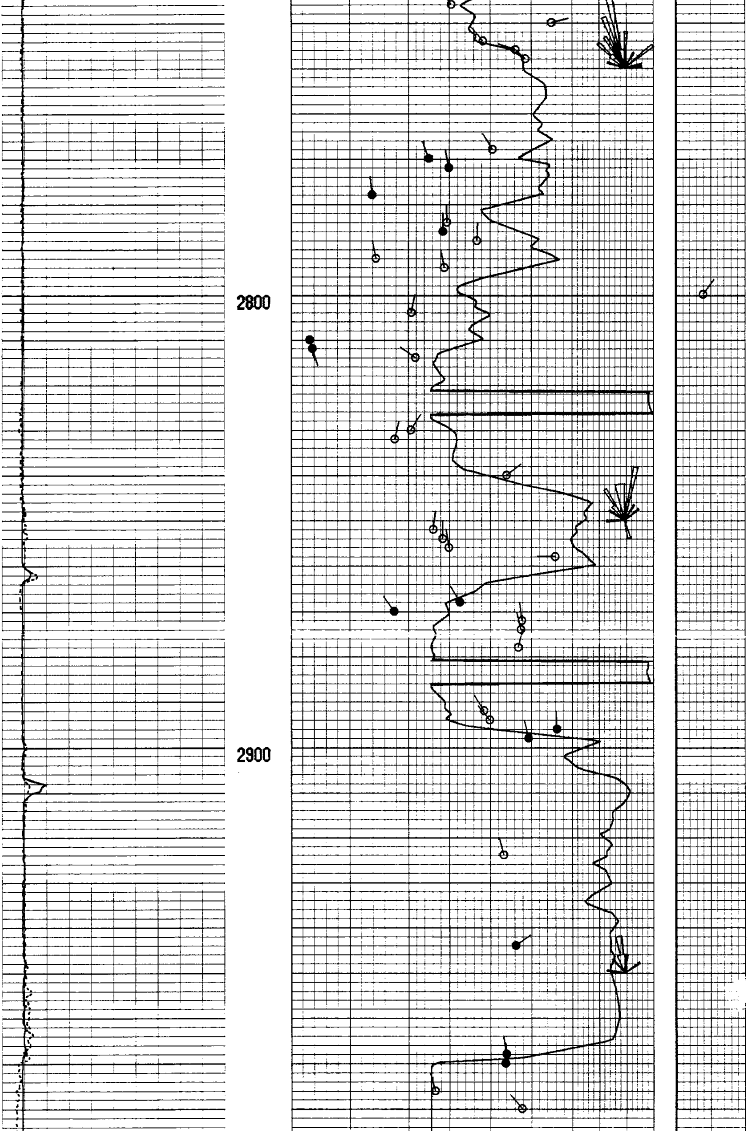


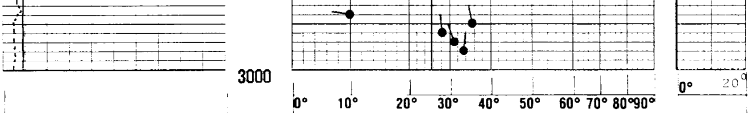












CORRELATION CURVE	DEPTH	TRUE DIP ANGLE AND AZIMUTH	DRIFT AND ORIENTATION OF TOOL

COMPANY	REICHHOLD ENERGY CORPORATION		**T.D. LOGGED**	3000
			T.D. DRILLER	3040
WELL	COLUMBIA COUNTY 41-2 REDRILL NO. 1		**T.D. WELEX**	3030
FIELD	MIST	**ELEV:**	**K.B.**	1193.9
			D.F.	
COUNTY	COLUMBIA **STATE** OREGON		**G.L.**	1182.5

-end-