COMPANY REICHOLD ENERGY CORPORATION
WELL INVESTMENT MANAGEMEN 21-20
FIELD MIST
COUNTY COLUMBIA STATE ORE

Welex

DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION
WELL INVESTMENT MANAGEMENT 21-20
FIELD MIST
COUNTY COLUMBIA **STATE** OREGON

RECEIVED-PTLD
DEC 29 1983
DEPT OF GEOLOGY

Location 4364.4 & 1994.6 E OF CORNER;

Other Services: DIGL AVL

Sec. 20 Twp. 6 N Rge. 4 W

Permanent Datum GL Elev. 636.6
Log Measured From KB 11.4 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 648.0
D.F.
G.L. 636.6

Date	9-21-83			
Run No.	ONE			
Depth - Driller	2505			
Depth - Welex	2479			
Btm. Log Inter.	2478			
Top Log Inter.	477			
Casing - Driller	85/8 @ 477	@	@	@
Casing - Welex	477			
Bit Size	7 7/8			
Type Fluid in Hole	GEL LIGNO			
Dens. | Visc.	9.6 | 52	|	|	|
pH | Fluid Loss	9.5 | 6.0ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	2.0 @ 65 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.6 @ 64 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.0 @ 66 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEAS | MEAS	|	|	|
R_m @ BHT	1.30 @ 100 °F	@ °F	@ °F	@ °F
Time Since Circ.	1 HOUR			
Max. Rec. Temp.	100 °F @BHT	°F @	°F @	°F @
Equip. | Location	2876 | WDLND	|	|	|
Recorded By	PARMELEE			
Witnessed By	ALGER			

Fold Here

Service Ticket No. 154465 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	1.30 @ 100 °F	@ °F
R_{mf} @ BHT	1.02 @ 100 °F	@ °F
R_{mc} @ BHT	1.32 @ 100 °F	@ °F

Run No.	1	2	3	4
Tool Type	4-ARM DIP			
Tool Number	27403	30044	90129	
Pad Type	4-ARM			
Correlated By	HOUSTON	COMPUTER		
Computed By	WELEX			

Remarks:

NORTH 21° EAST

DRAFTED BY – JOHN YAECK

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

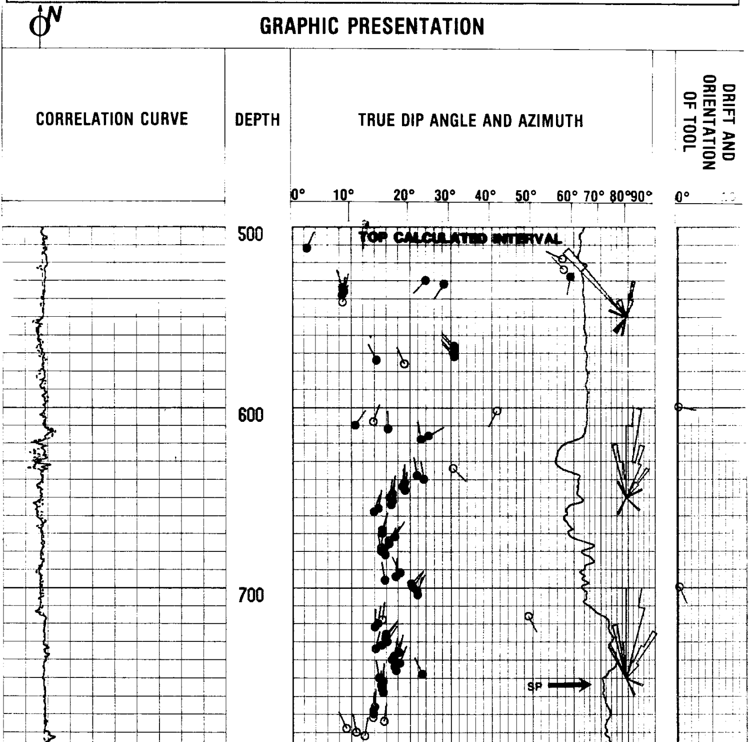
TABLE OF CONSTANTS FOR DETERMINING VERTICAL DIFFERENCE AT VARIOUS DIP ANGLES

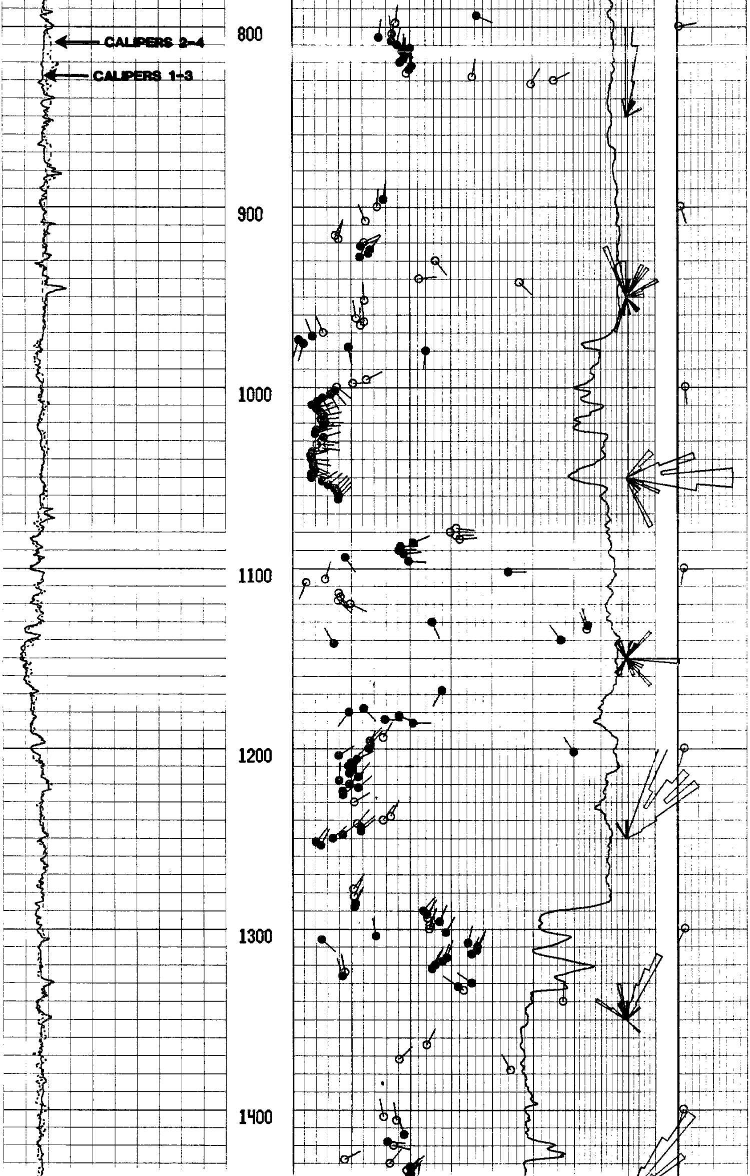
DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	.213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732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

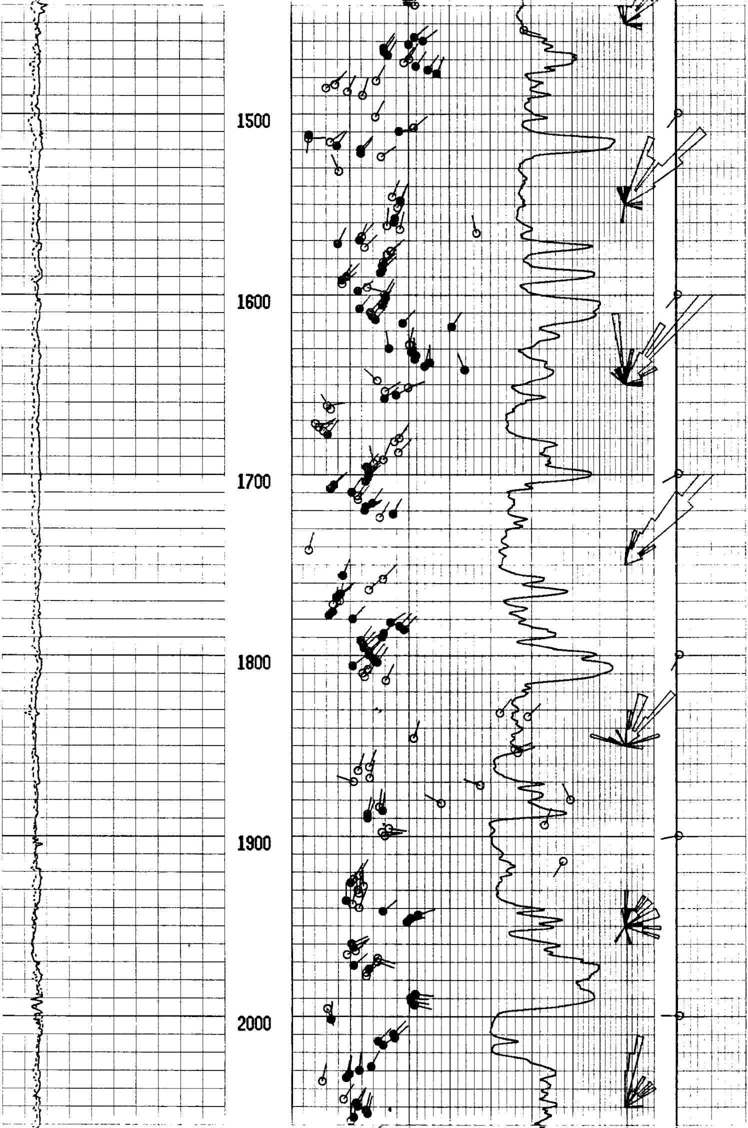
Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.

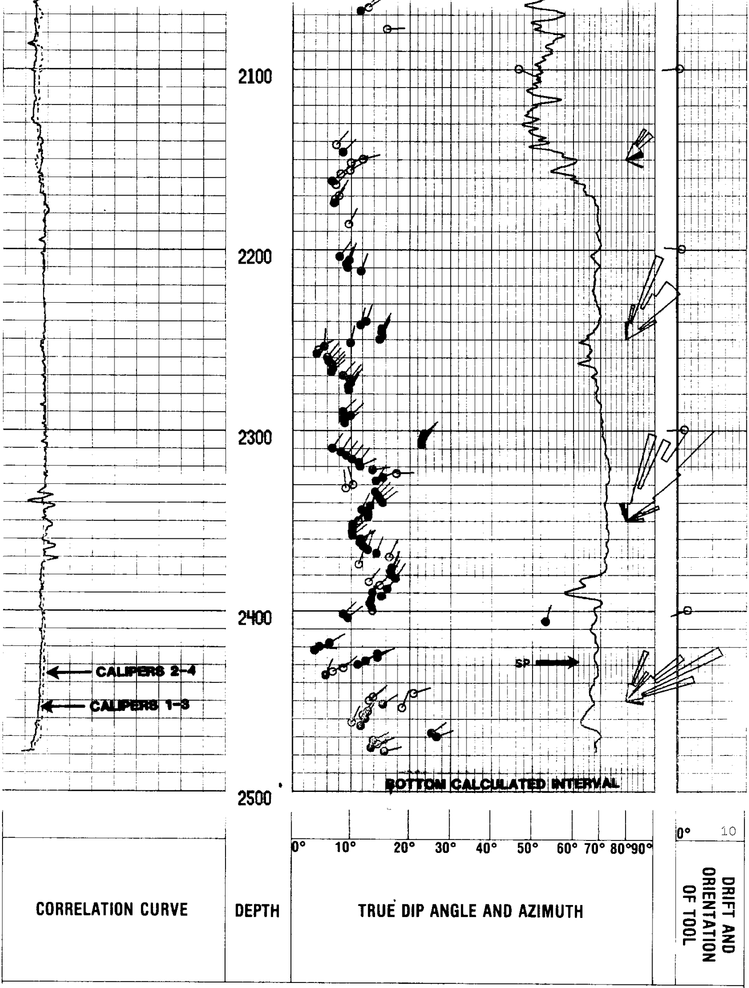
Example: Dip angle 10°, Horizontal distance 440 ft.
Vertical difference = .176 x 440 = 77.44

GRAPHIC PRESENTATION

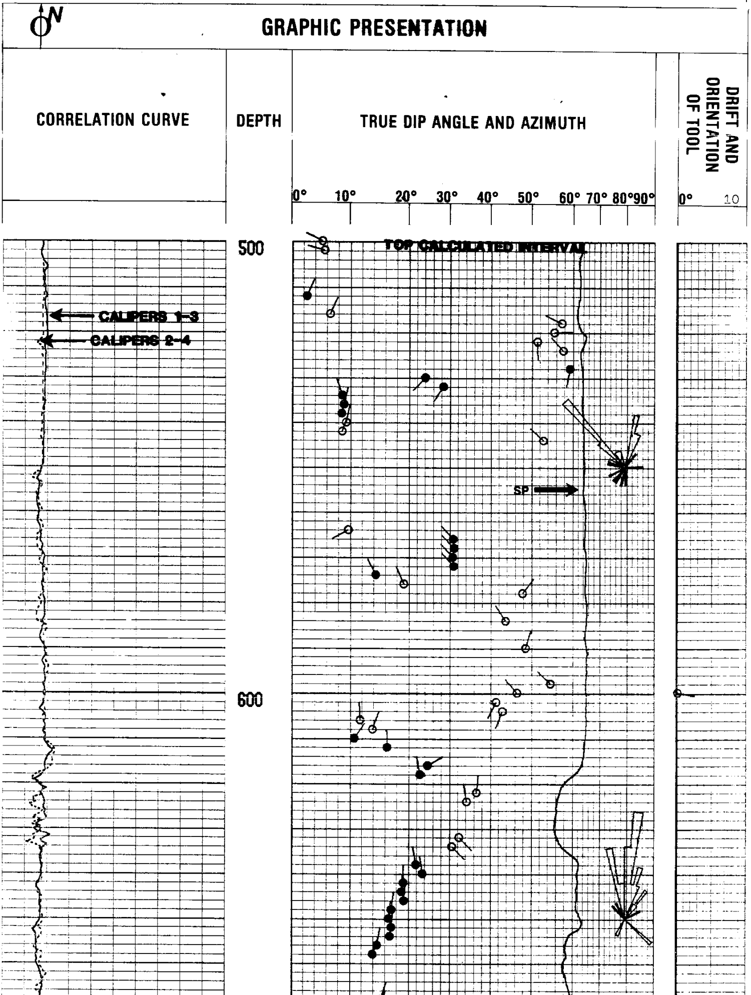


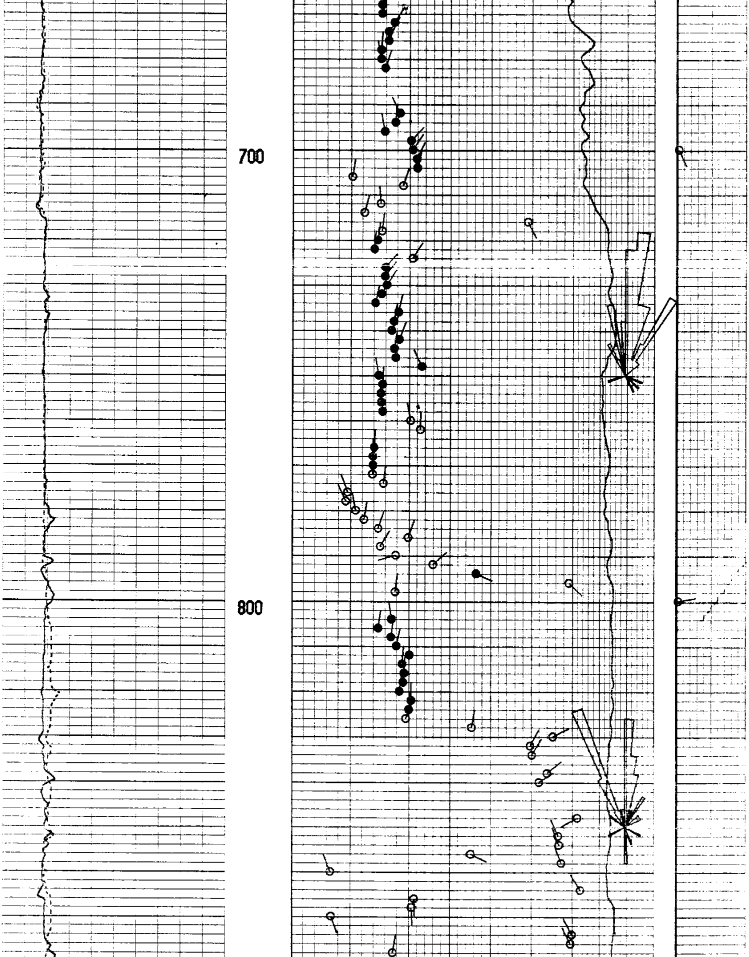


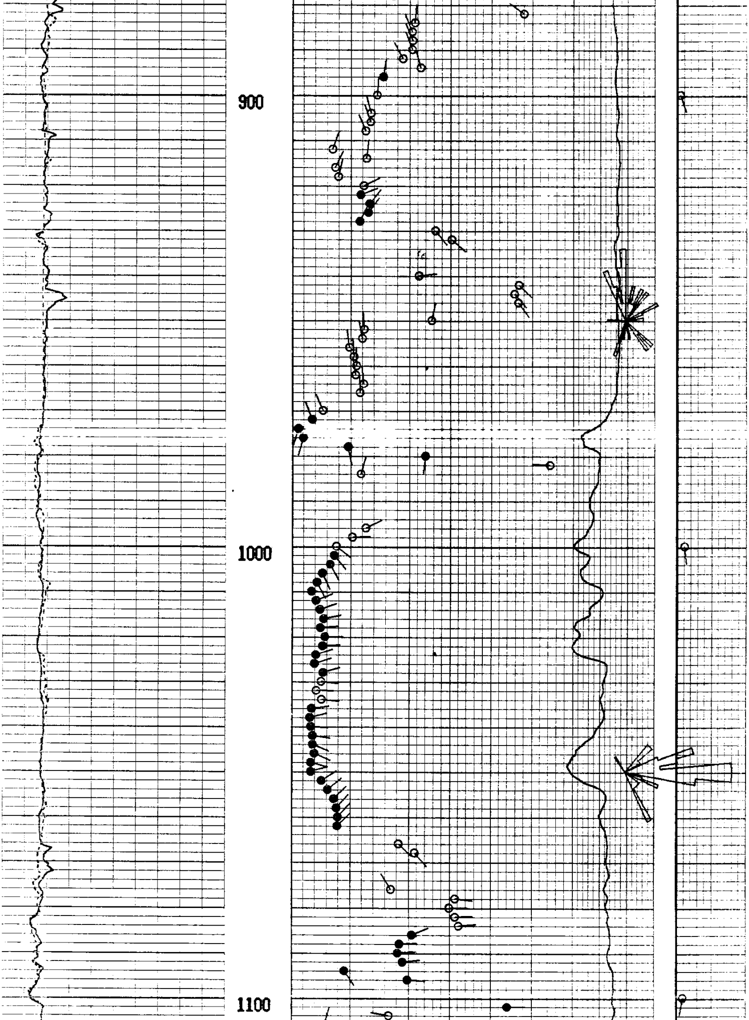


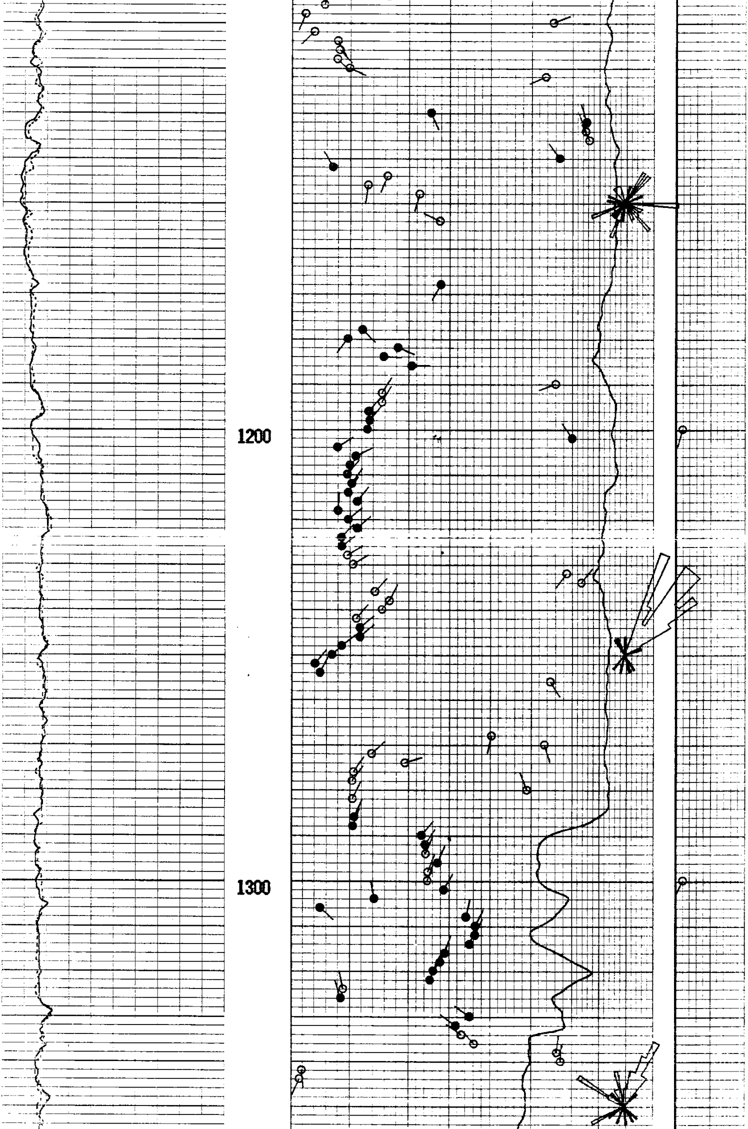


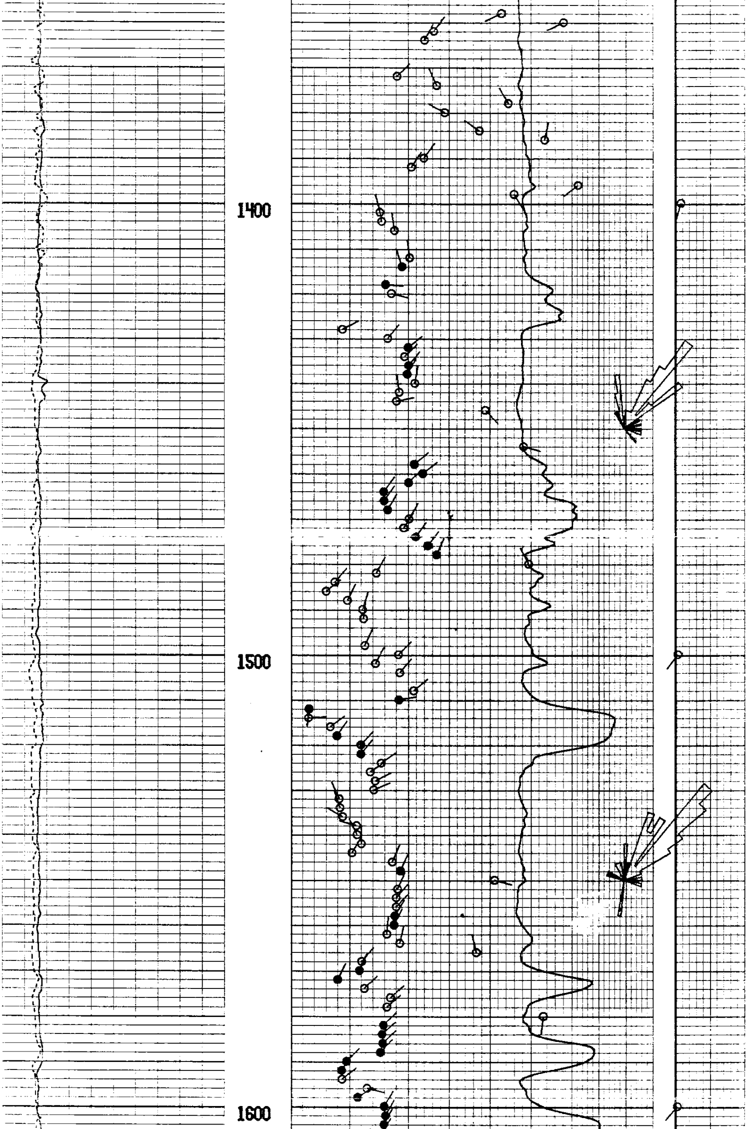
GRAPHIC PRESENTATION

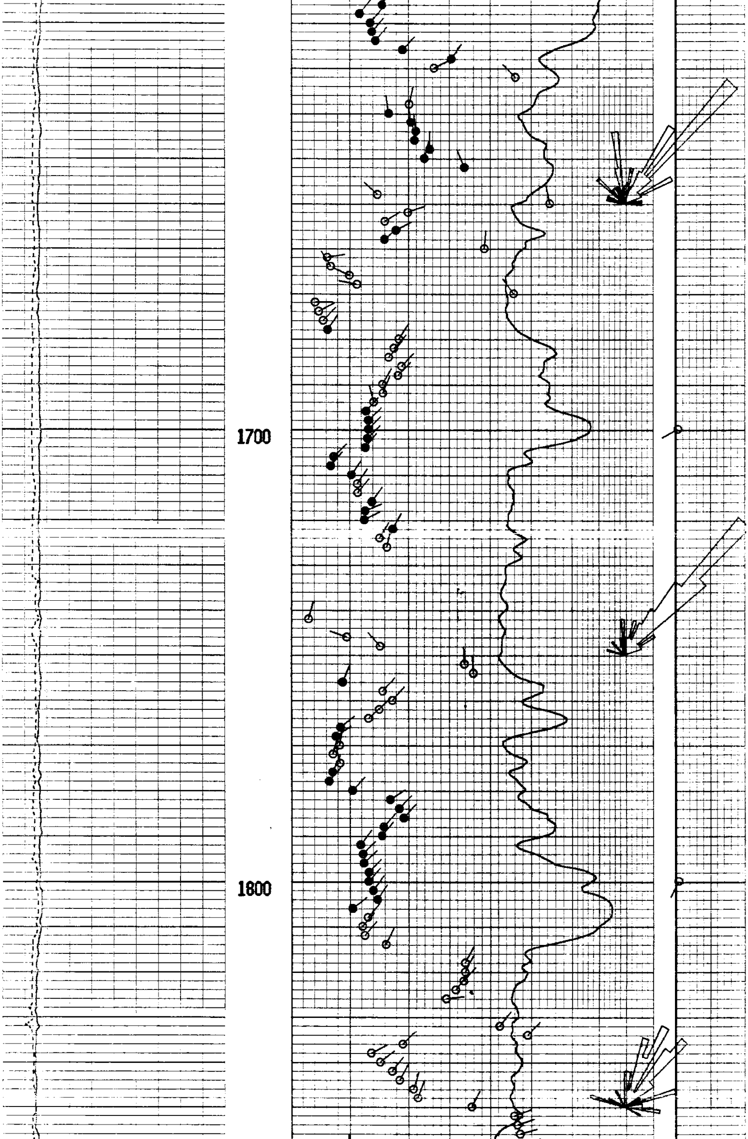


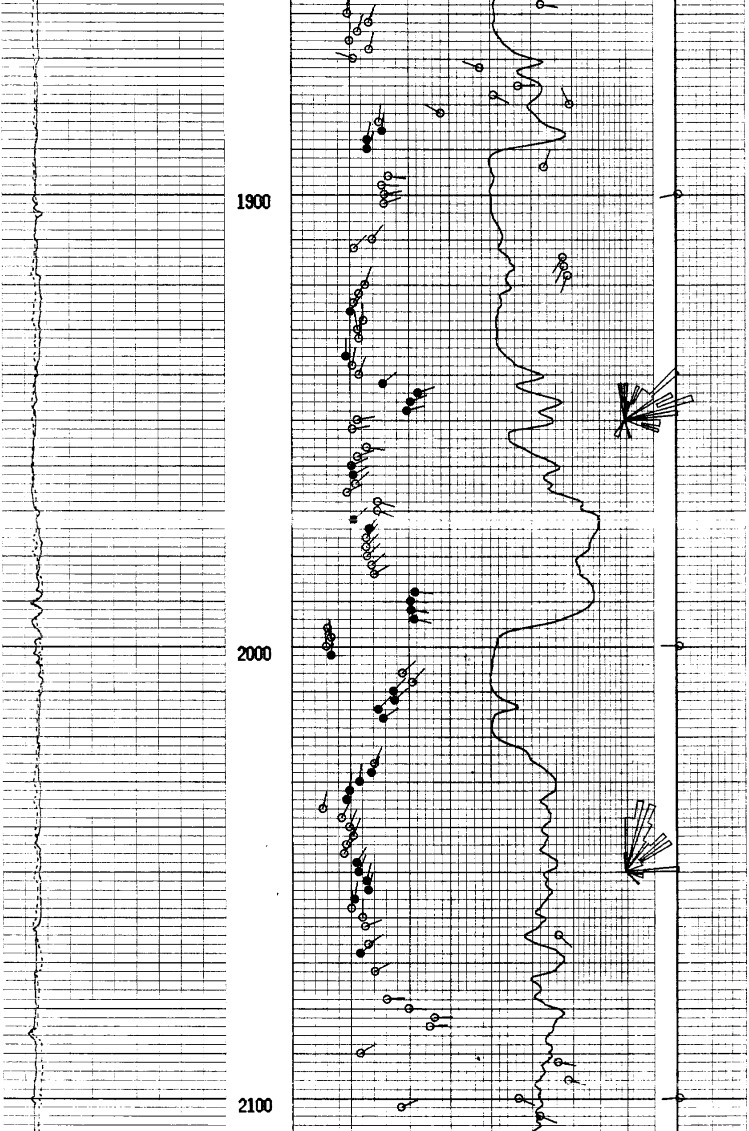


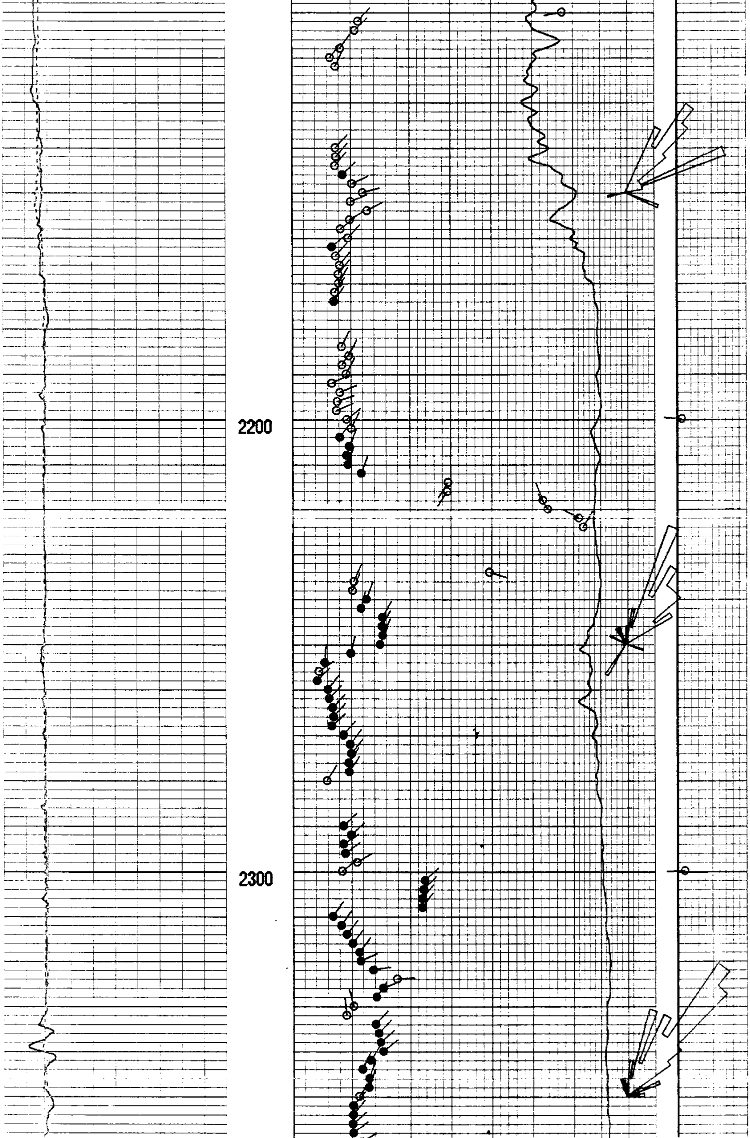


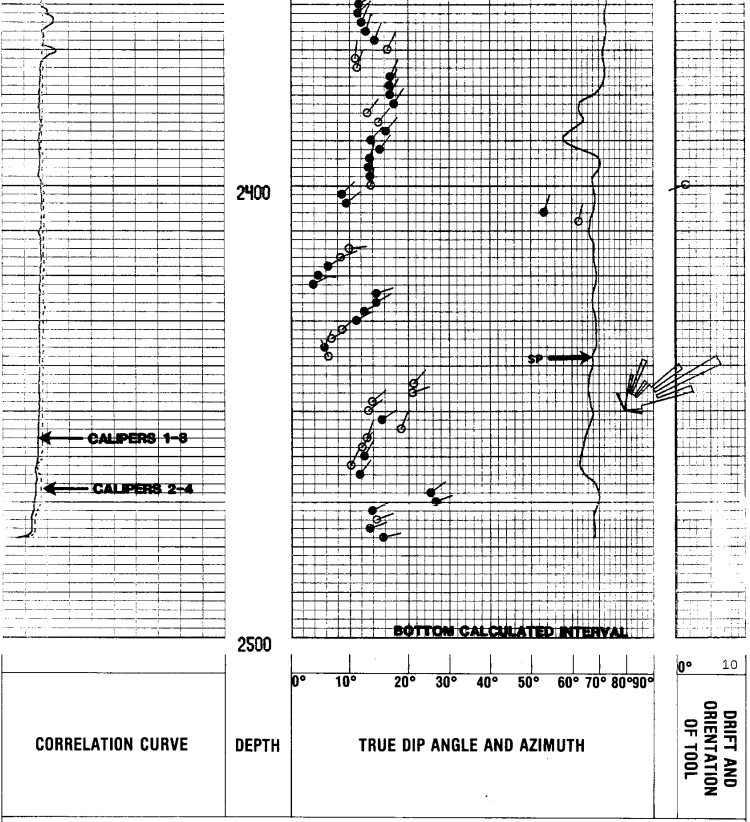








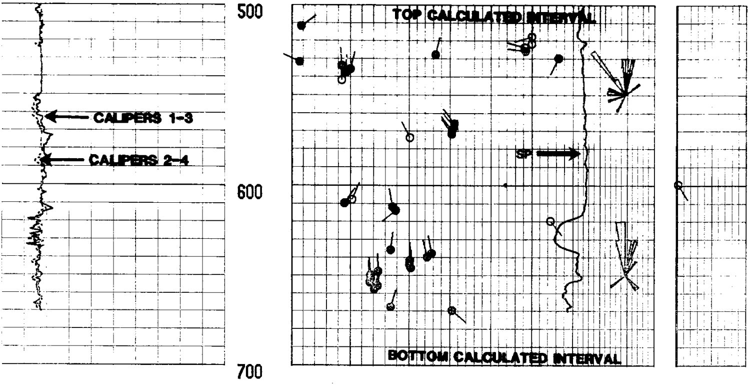


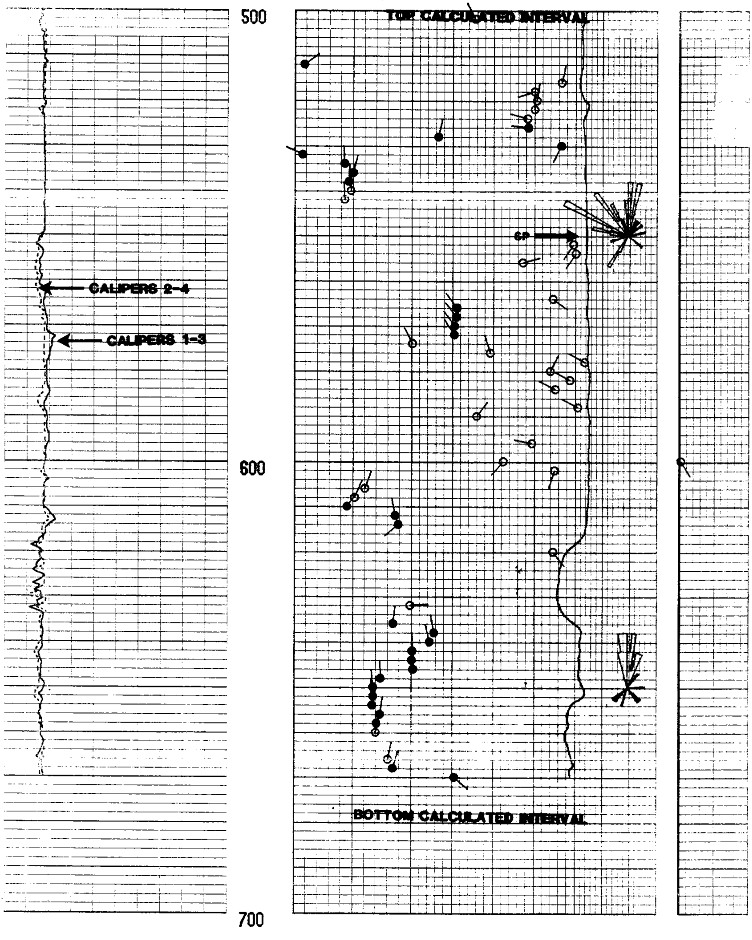


COMPANY	REICHHOLD ENERGY CORPORATION	**T.D. LOGGED**		2478
WELL	INVESTMENT MANAGEMENT 21-20	**T.D. DRILLER**		2505
FIELD	MIST	**T.D. WELEX**		2479
		ELEV:	**K.B.**	648.0
			D.F.	
COUNTY	COLUMBIA **STATE** OREGON		**G.L.**	636.6

IGP — .19101

REPEAT SECTION



REPEAT SECTION