Western Atlas International
A Litton/Dresser Company
Atlas Wireline Services

Computed 4-ARM Diplog

FILE NO. HLAC 12634.0
API NO.

COMPANY OREGON NATURAL GAS CORP.
WELL IW 23B-3[illegible]
FIELD MIST
COUNTY COLUMBIA STATE OREGON

LOCATION:
615′ S & 1591′ E OF
THE W 1/4 CORNER OF
SEC 3 TWP 6 N RGE 5 W

Other Services
DIFL/BHC AC
GR/CN/CDL

Permanent Datum GL Elev. 1073.1
Log Measured from KB , 11.4 Ft Above Permanent Datum
Drilling Measured from KB

Elev.
KB 1084.5
DF
GL 1073.1

Date	06-27-88		07-08-88					
Run No.	1		2					
Service Order	15884		15884					
Depth - Driller	2651.0		2974.0					
Depth - Logger	2631.0		2967.0					
Bottom Logged Interval	2629.0		2966.0					
Top Logged Interval	580.0		2614.0					
Casing - Driller	3.38 @ 571		8.63 @ 2620		@		@	
Casing - Logger	---		2614.0					
Bit Size	12.250		7.875					
Type Fluid in Hole	GEL DRISPAC		KCL POLYMER					
Density and Viscosity	9.5	49.0	8.6	40.0				
pH and Fluid Loss	8.5	4.4cc	10.5	10.8cc		cc		cc
Source of Sample	FLOW		FLOW					
Rm @ Meas. Temp.	1.270 @ 64 F		0.243 @ 88 F		@ F		@ F	
Rmf @ Meas. Temp.	0.980 @ 65 F		0.190 @ 88 F		@ F		@ F	
Rmc @ Meas. Temp.	1.640 @ 64 F		0.282 @ 88 F		@ F		@ F	
Source of Rmf and Rmc	MEAS	MEAS	MEAS	MEAS				
Rm @ BHT	0.750 @ 108 F		0.190 @ 112 F		@ F		@ F	
Time Since Circ.	4.00		3.00					
Max. Rec. Temperature	108 F		112 F		F		F	
Equip. No. and Location	6406	SAC	6406	SAC				
Recorded By:	B. WELCH		B. WELCH					
Witnessed By:	MR. THOMAS		MR. THOMAS					

FOLD HERE

In making interpretations of logs our employees will give Customer the benefit of their best judgment, but since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or the correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the Customer resulting from any interpretation made by any of our employees.

Remarks: DIPLOG
Run 1 Interval Processed - File 3: 580 - 2639 - Search Length=8" Window Length=8' Step Length=2'
Run 2 Interval Processed - File 3: 2614 - 2979 - " " " " " " " " "
REPEAT SECTION
Run 1 Interval Processed - FIle 3: 2400 - 2639 - Search Length=48"" " " " " "
Run 2 Interval Processed - File 3: 2614 - 2700 - " " " " " " " " "

EQUIPMENT DATA

	RUN NO. 1	RUN NO. 2	RUN NO.	RUN NO.
Tool Series No.	1016	1016		
Tool Serial No.				
Orientation Type				
OR. Serial No.				
Panel Series No.				
Panel Serial No.				
Electronics No.				
Tape Unit Series No.				
Tape Unit Serial No.				
Processed By:	MACZKO	MACZKO		

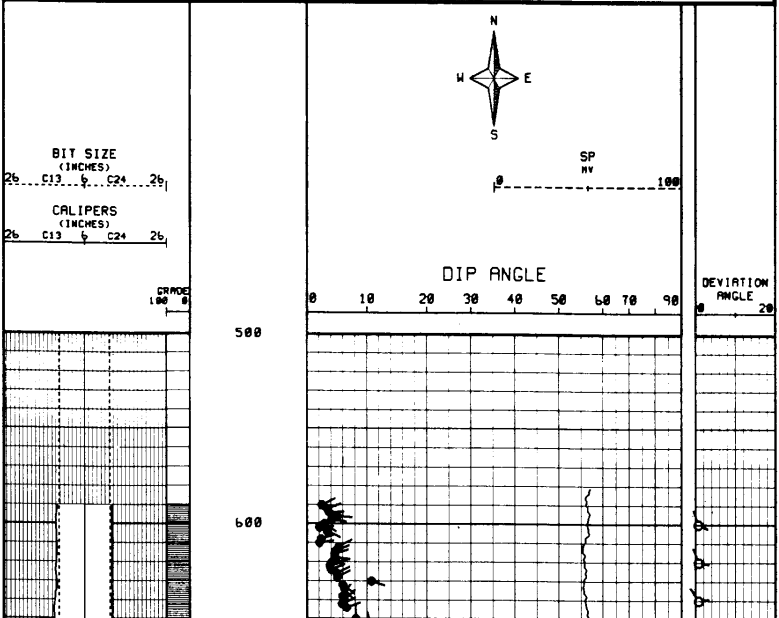
MAGNETIC DECLINATION 21 EAST

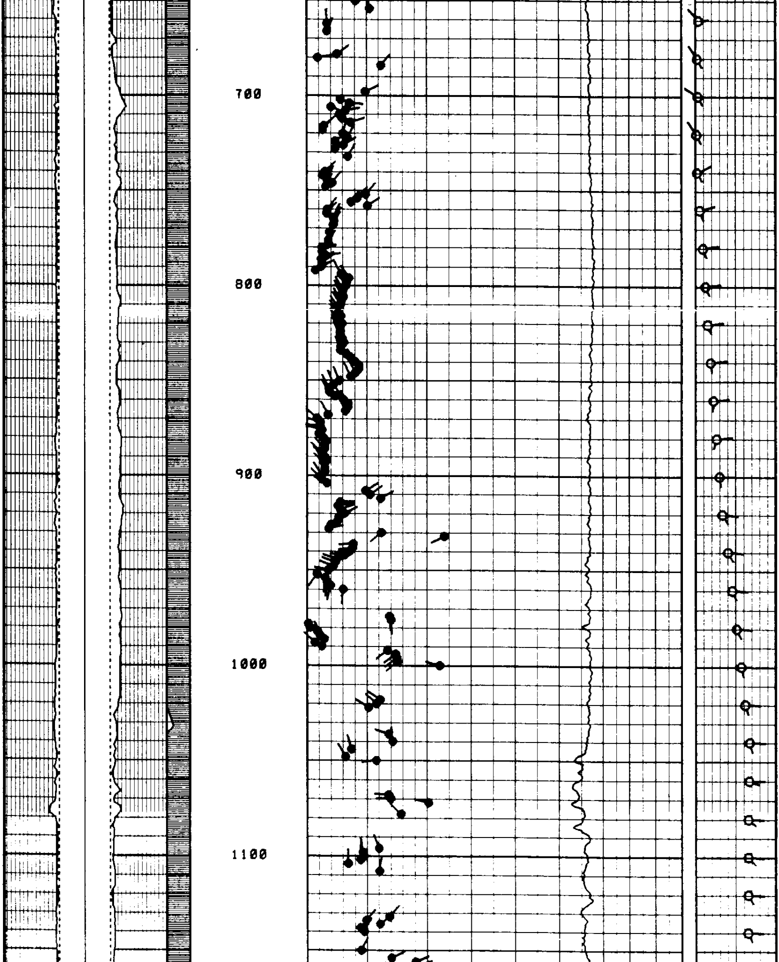
VERTICAL DISPLACEMENT FOR VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

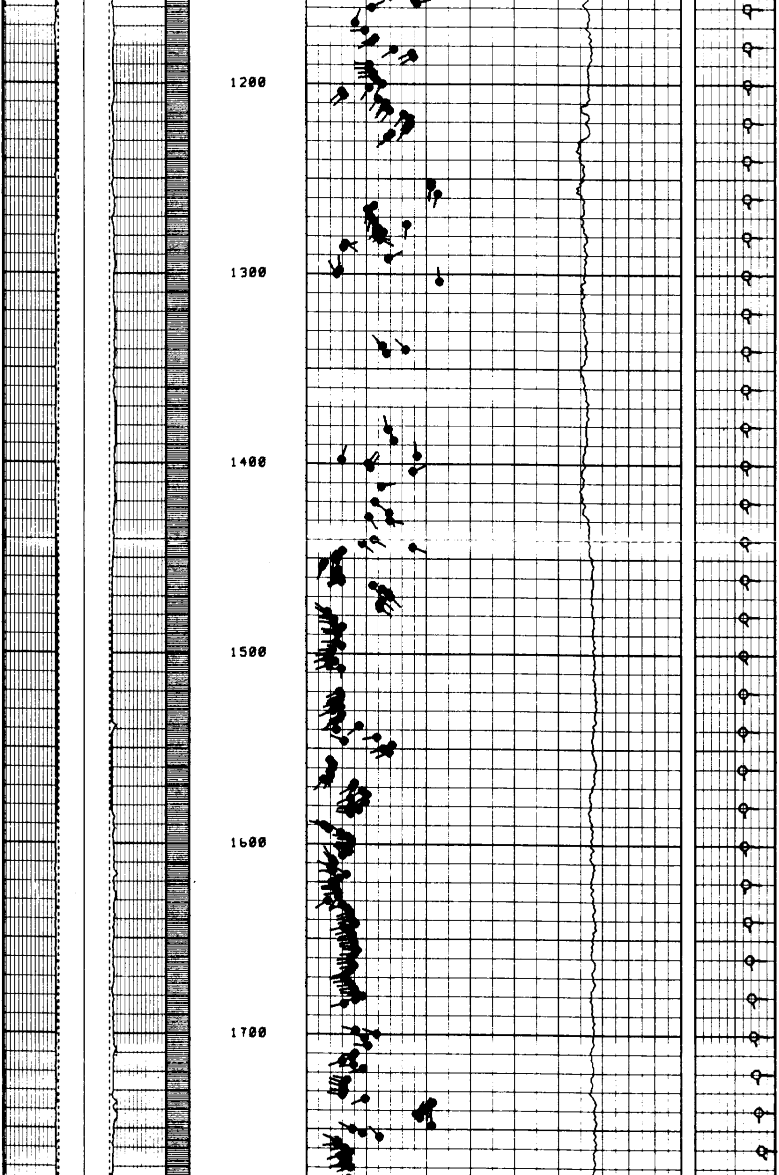
DIP In degrees	100	1000	5280	DIP In degrees	100	1000	5280
1	1.75	17.5	92.2	19	34.4	344	1818
2	3.50	35.0	184.0	20	36.4	364	1922
3	5.20	52.0	277.0	21	38.4	384	2022
4	7.00	70.0	369.0	22	40.4	404	2133
5	8.80	88.0	462.0	23	42.5	425	2241
6	10.50	105.0	555.0	24	44.5	445	2351
7	12.30	123.0	648.0	25	46.6	466	2462
8	14.10	141.0	742.0	30	57.7	577	3048
9	15.80	158.0	836.0	35	70.0	700	3697
10	17.60	176.0	931.0	40	83.9	839	4430
11	19.40	194.0	1026.0	45	100.0	1000	5280
12	21.30	213.0	1112.0	50	119.2	1192	6291
13	23.10	231.0	1219.0	55	142.8	1428	7500
14	24.90	249.0	1316.0	60	173.2	1732	9145
15	26.80	268.0	1415.0	65	214.4	2144	11323
16	28.70	287.0	1514.0	70	274.8	2748	14507
17	30.60	306.0	1614.0	75	373.2	3732	19705
18	32.50	325.0	1716.0	80	567.1	5671	29945

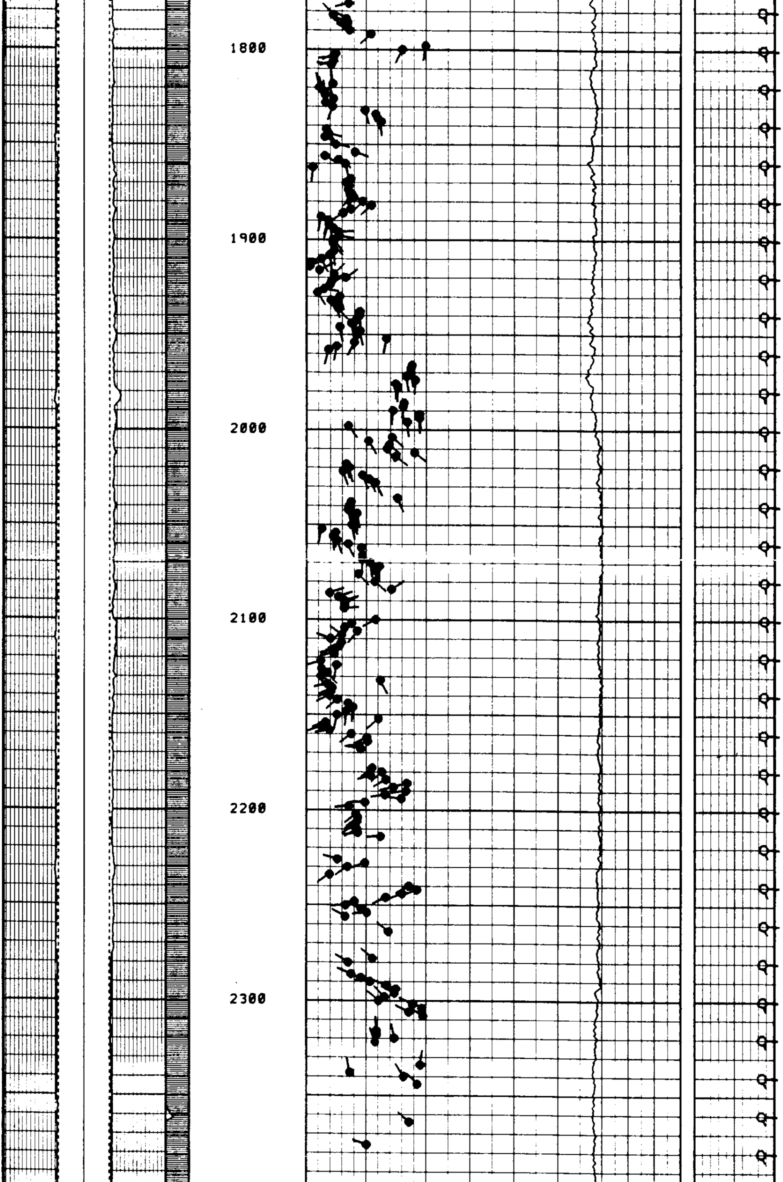
GRAPHIC PRESENTATION

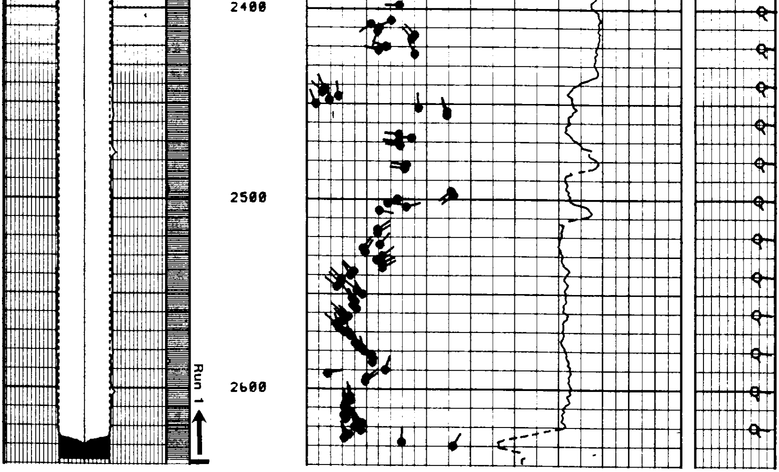
FAIR ○—— EXCELLENT ●——

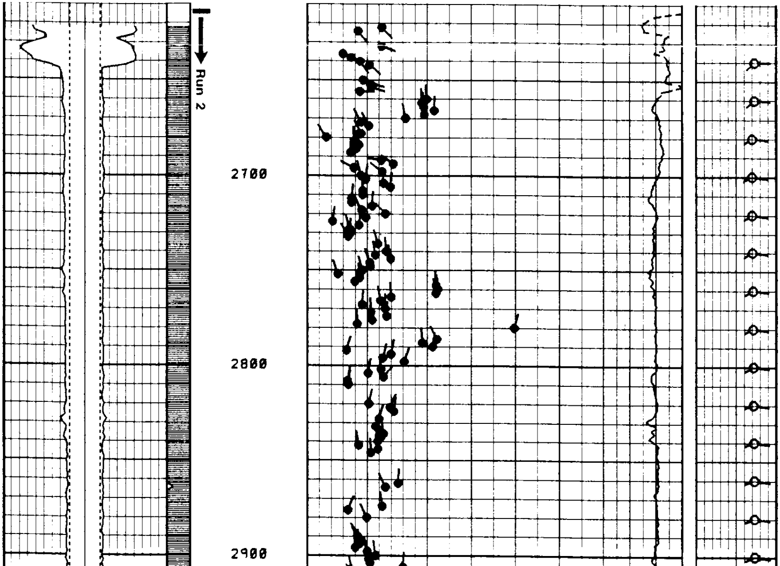


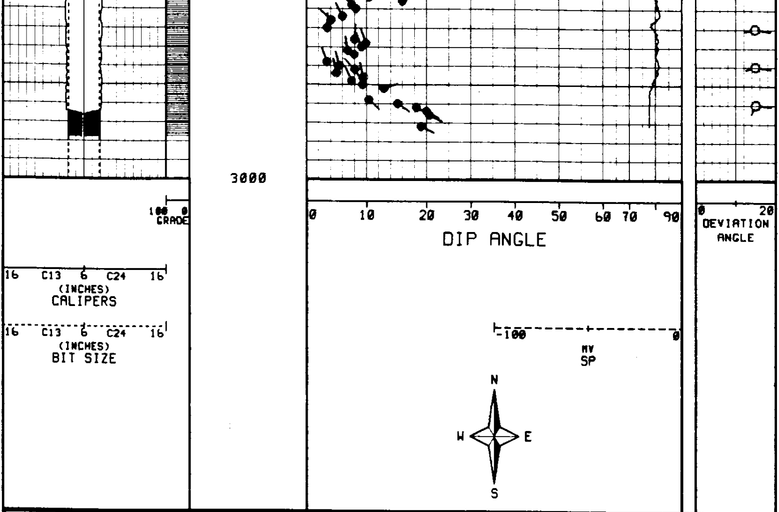












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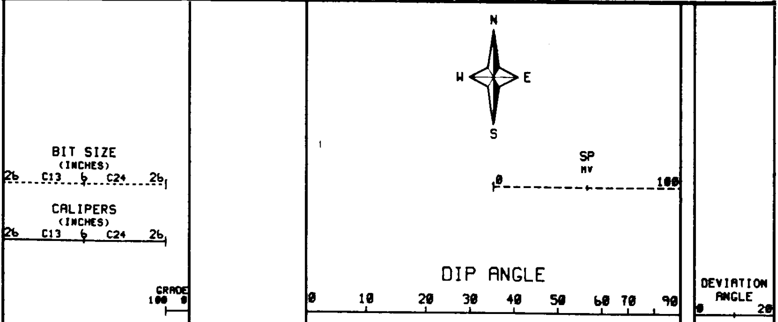
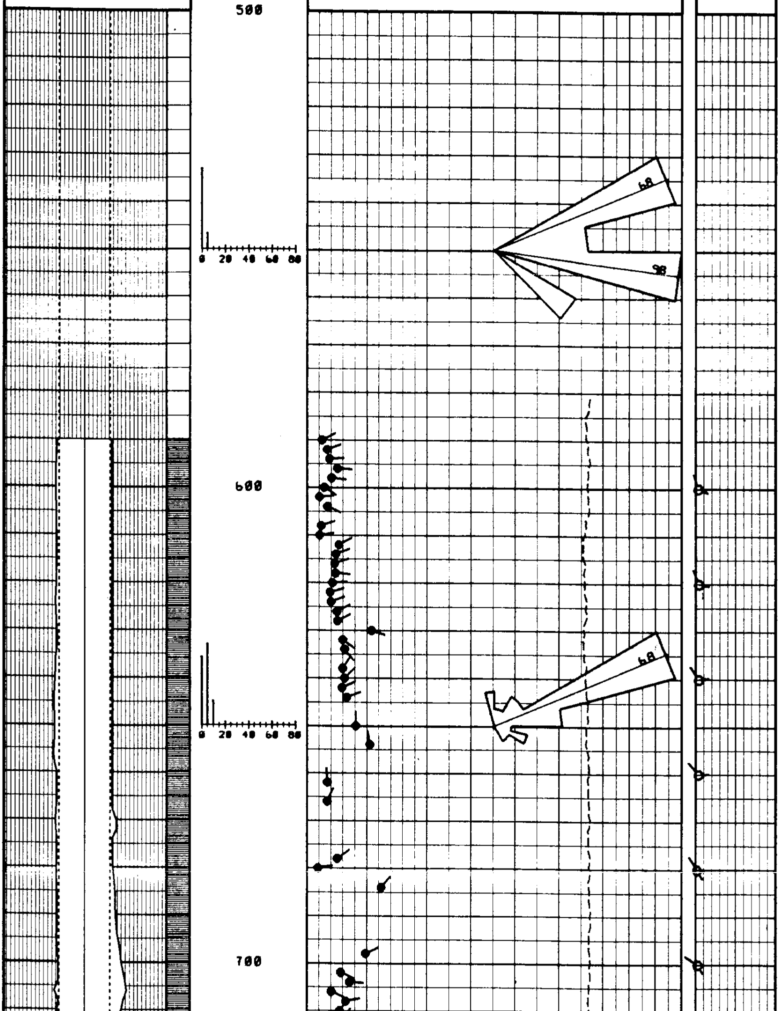
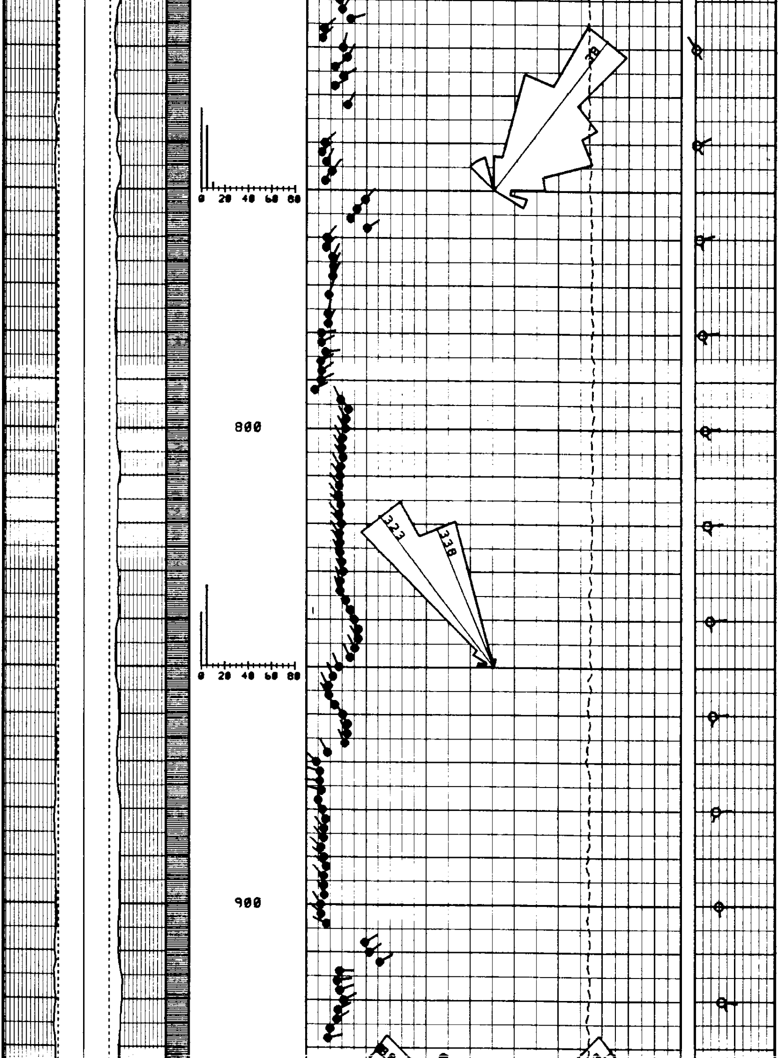
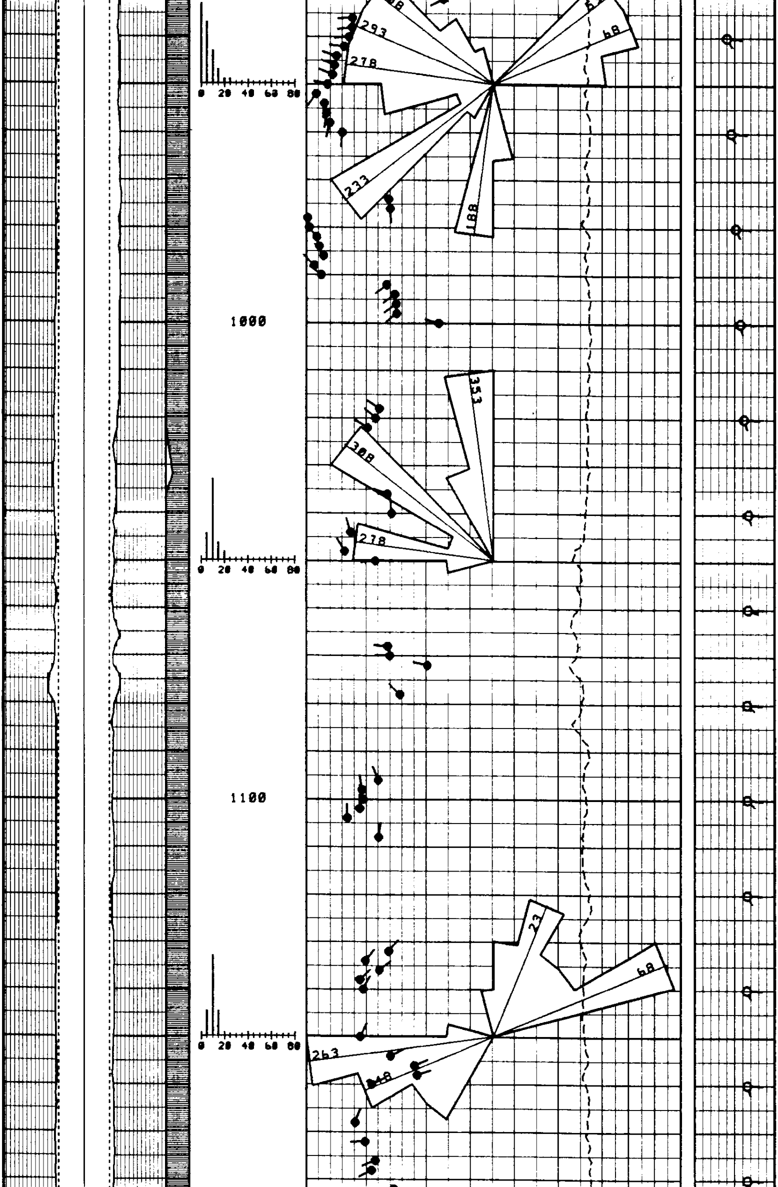
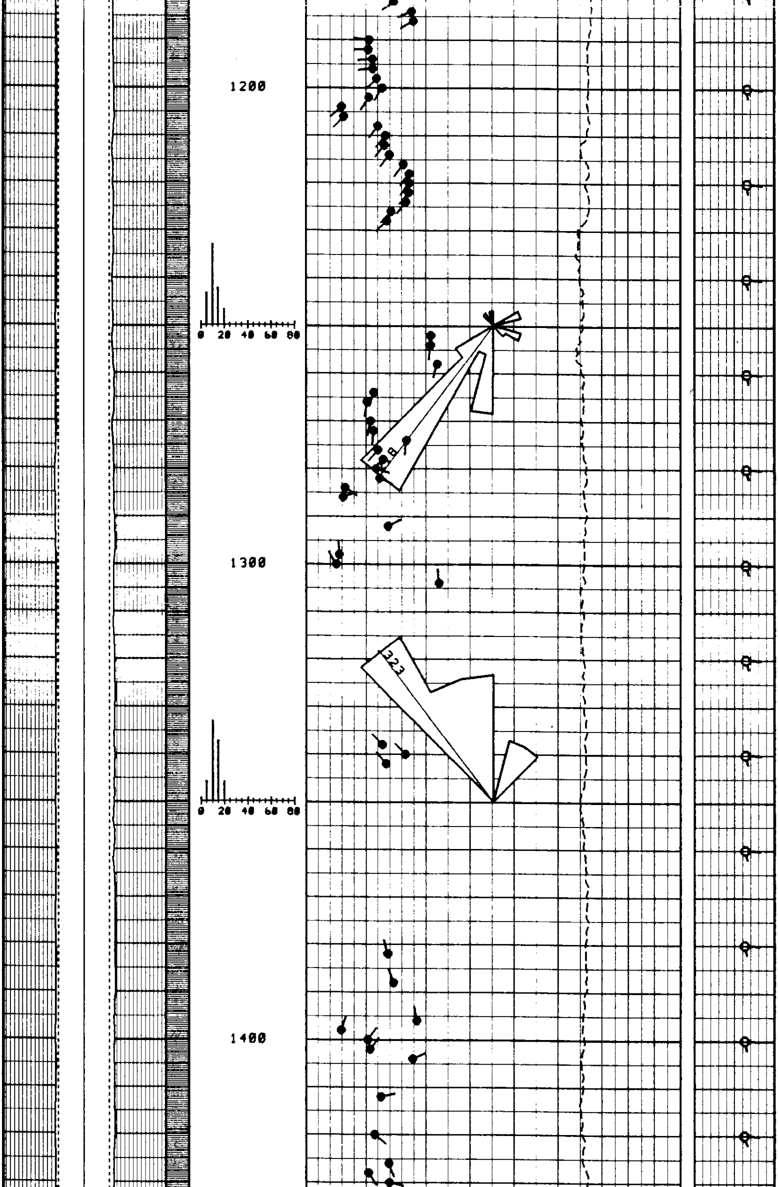
State	OREGON	K.B. 1084.5 DF. G.L. 1073.1	

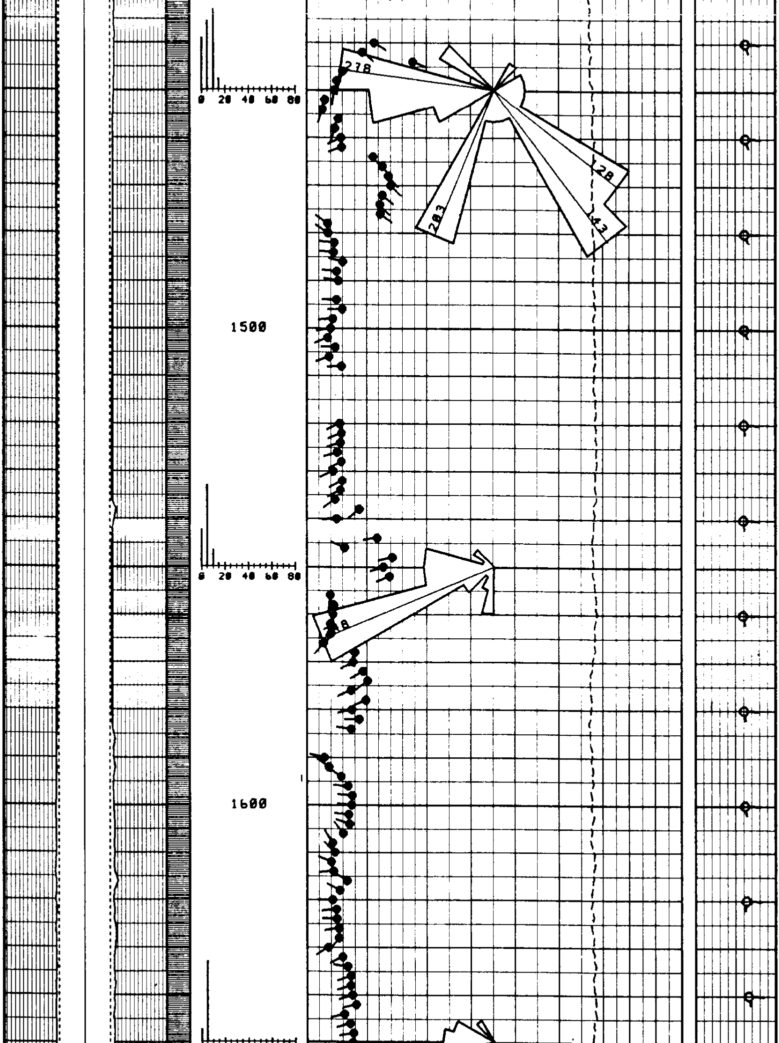


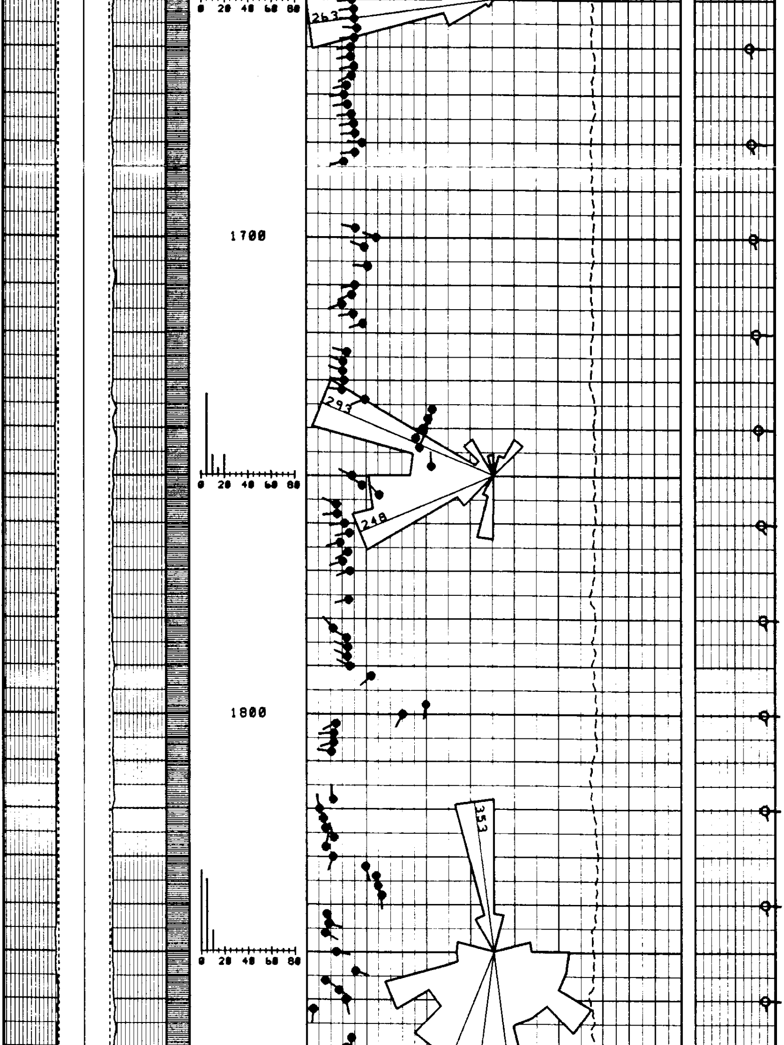


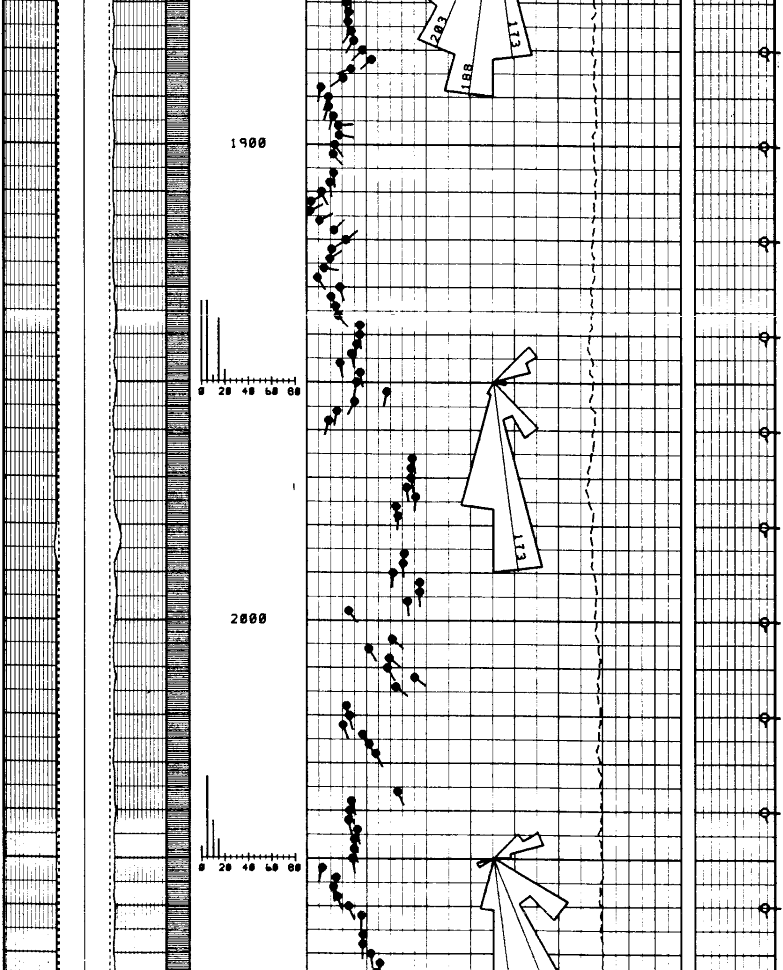


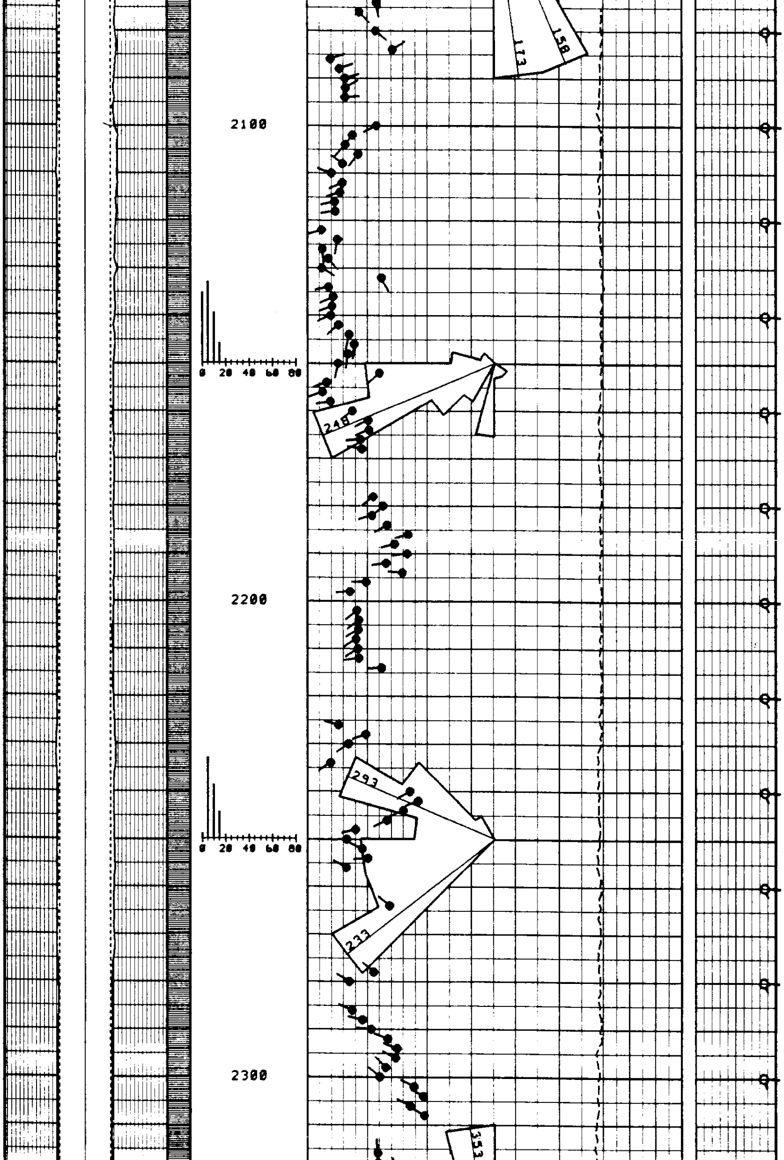


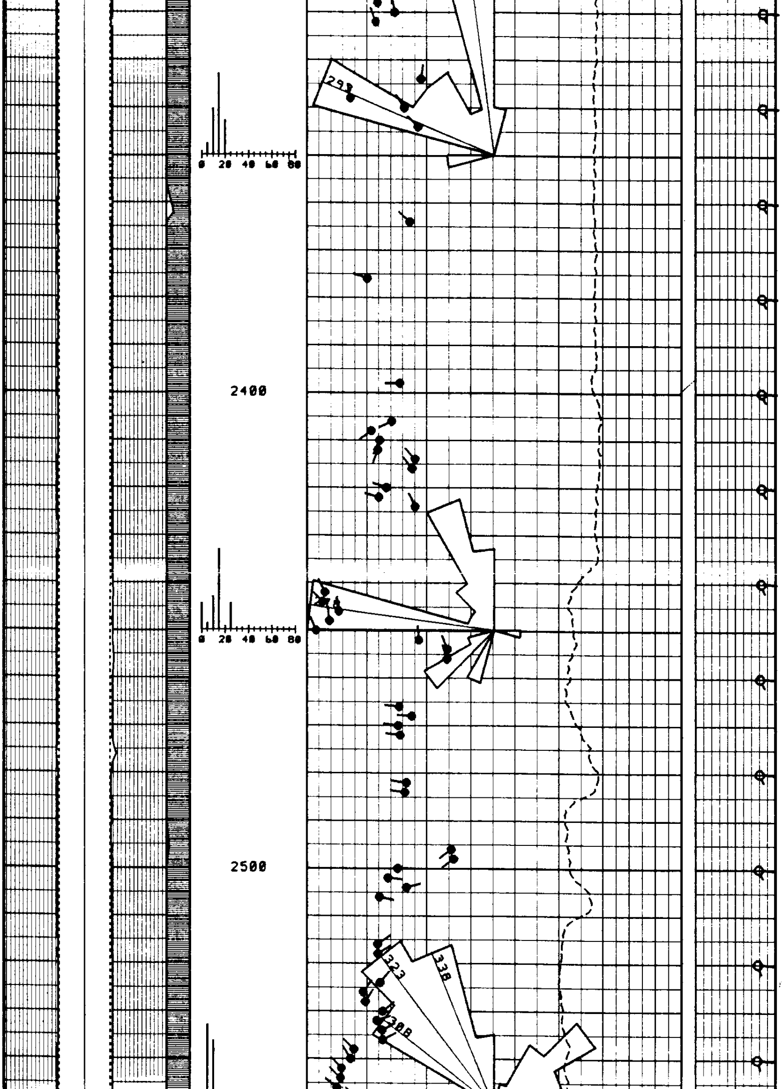


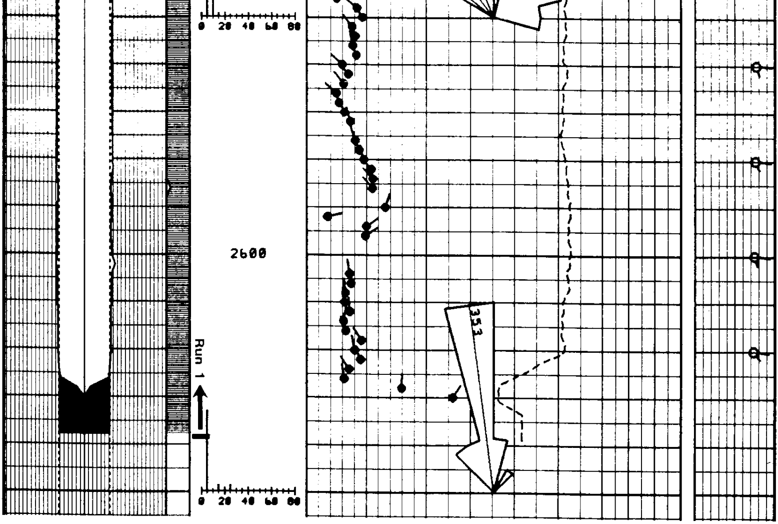


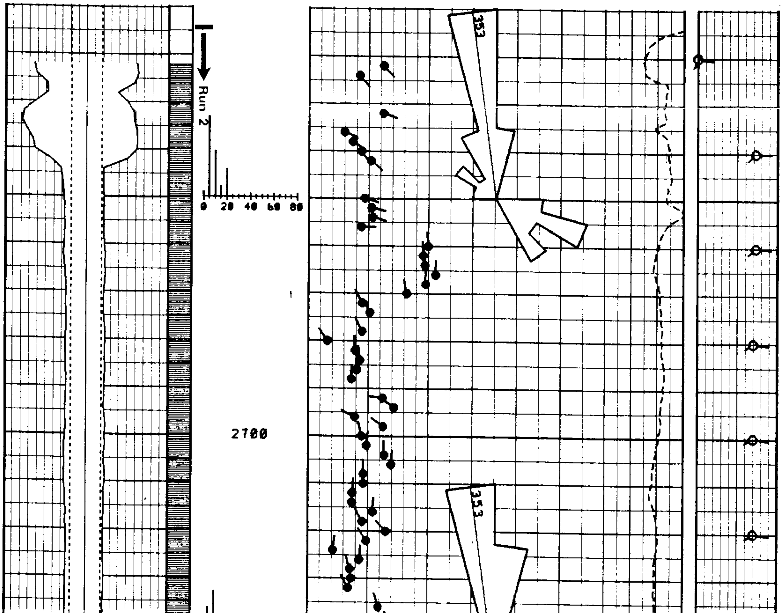


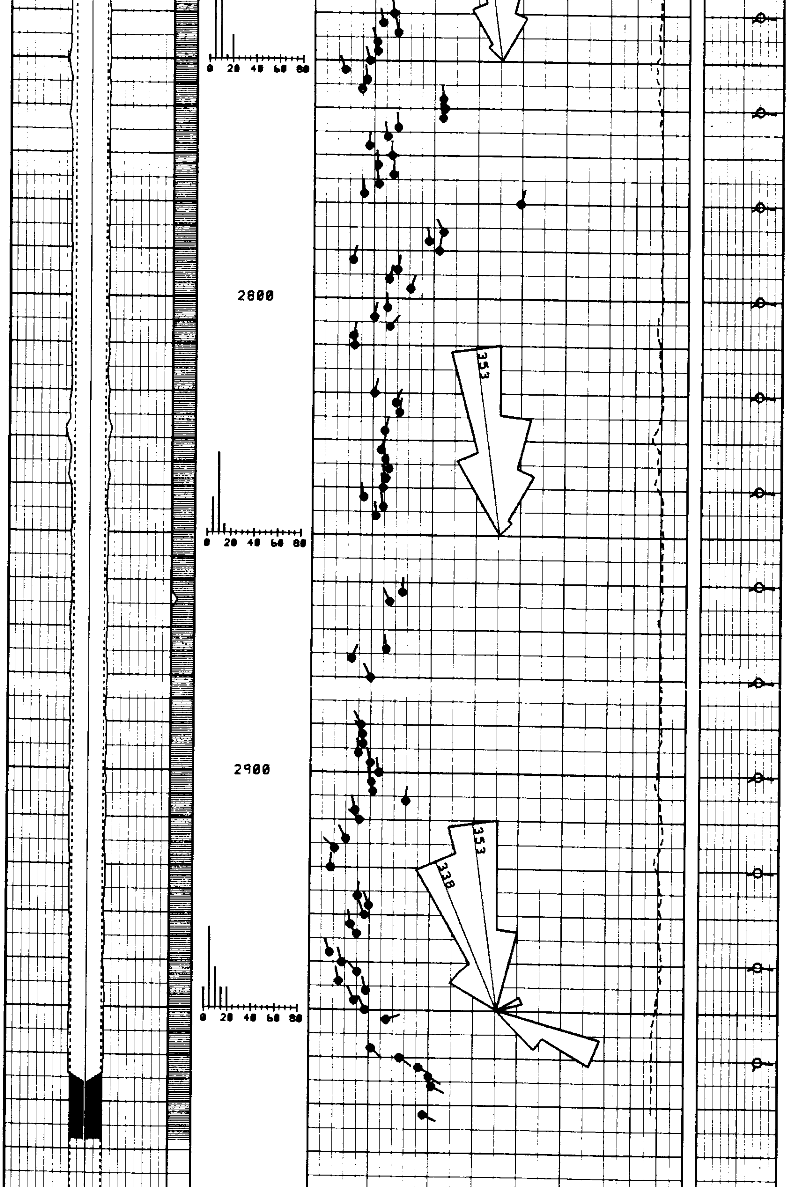


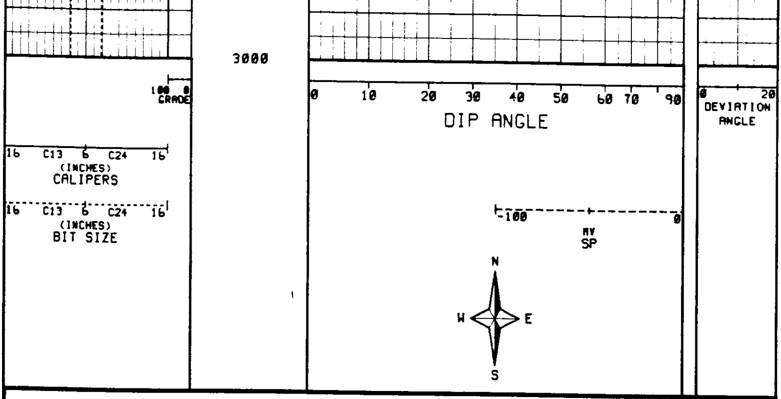












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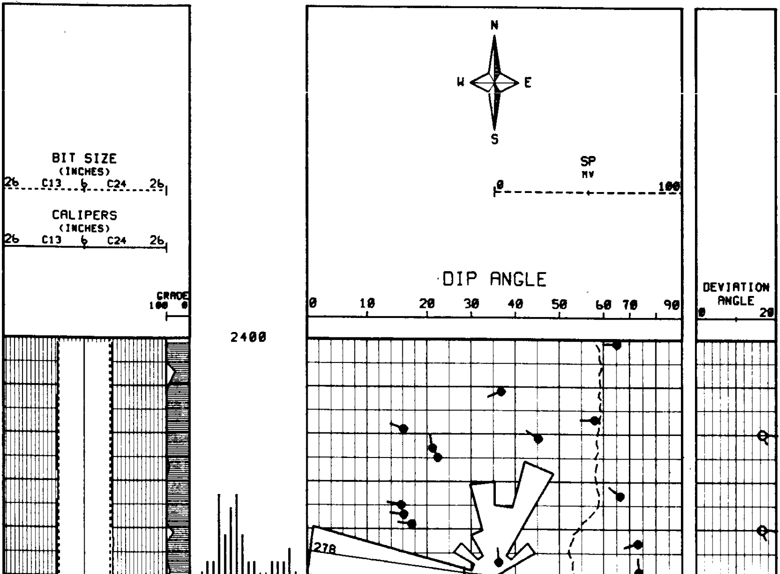
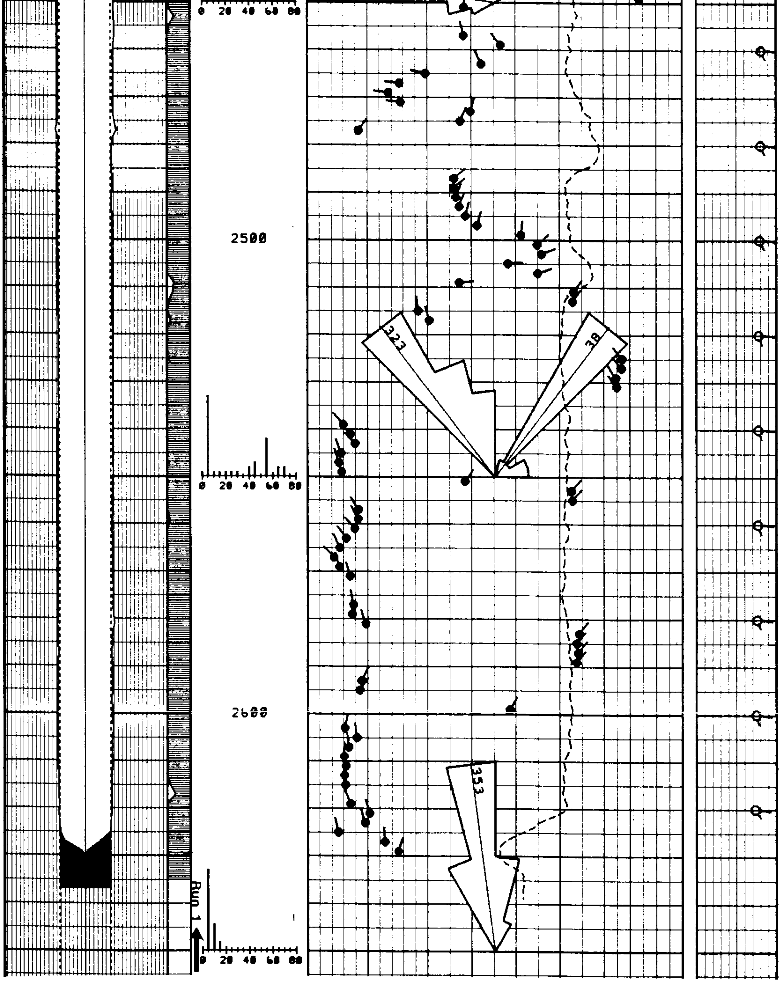
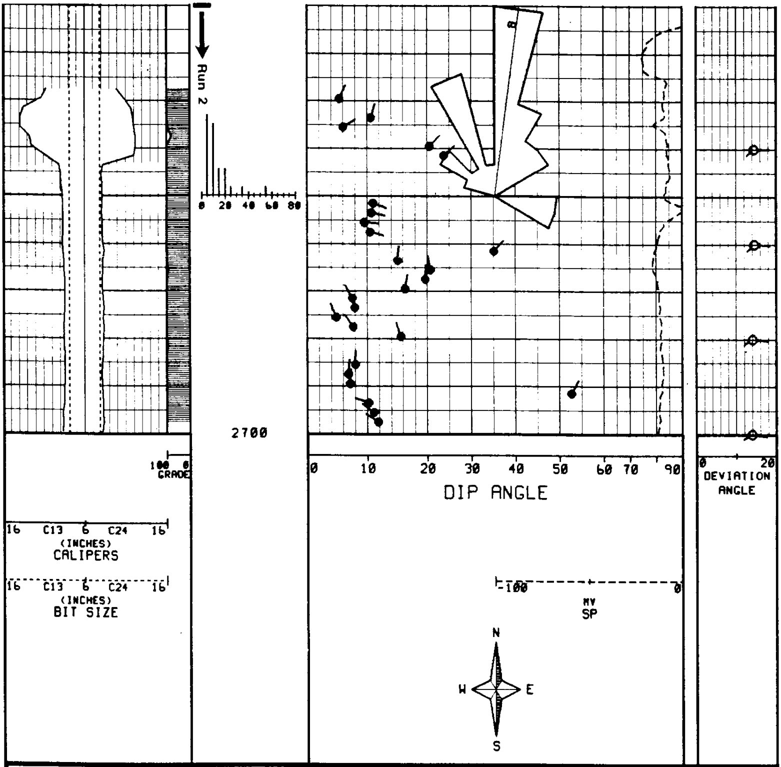
REPEAT SECTION







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