Western Atlas International
A Litton/Dresser Company
Atlas Wireline Services

Computed 4-ARM Diplog

FILE NO. MLAC 12633.0
API NO.

COMPANY OREGON NATURAL GAS CORP.
WELL IW 33D-3
FIELD MIST
COUNTY COLUMBIA STATE OREGON

LOCATION:
1013'S & 1653'W OF THE E 1/4 CORNER OF
SEC 3 TWP 6 N RGE 5 W

Other Services
DIFL/BHC

Permanent Datum GL Elev. 1078.3
Log Measured from KB , 11.4 Ft Above Permanent Datum
Drilling Measured from KB

Elev.
KB 1089.7
DF
GL 1078.3

Date	06-02-88			
Run No.	1			
Service Order	158835			
Depth - Driller	2773.0			
Depth - Logger	2764.0			
Bottom Logged Interval	2762.0			
Top Logged Interval	566.0			
Casing - Driller	3.38 @ 568	@	@	@
Casing - Logger	566.0			
Bit Size	12.250			
Type Fluid in Hole	GEL/DRISPAC			
Density and Viscosity	9.8 | 41.0			
pH and Fluid Loss	8.5 | 5.2cc	cc	cc	cc
Source of Sample	FLOW			
Rm @ Meas. Temp.	2.250 @ 62 F	@ F	@ F	@ F
Rmf @ Meas. Temp.	1.060 @ 62 F	@ F	@ F	@ F
Rmc @ Meas. Temp.	3.150 @ 62 F	@ F	@ F	@ F
Source of Rmf and Rmc	MEAS | MEAS			
Rm @ BHT	1.330 @ 105 F	@ F	@ F	@ F
Time Since Circ.	2.50			
Max. Rec. Temperature	105 F	F	F	F
Equip. No. and Location	6406 | SAC			
Recorded By:	B. WELCH			
Witnessed By:	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
Interval Processed - File 4: 571 to 2766 - Search Length=16" Window Length=8' Step Length=2'
REPEAT SECTION
Interval Processed - File 4: 2400 to 2766 - Search Length=48" Window Length=8' Step Length=2'
Repeat requested by customer using longer search length.

EQUIPMENT DATA

	RUN NO. 1	RUN NO.	RUN NO.	RUN NO.
Tool Series No.	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			

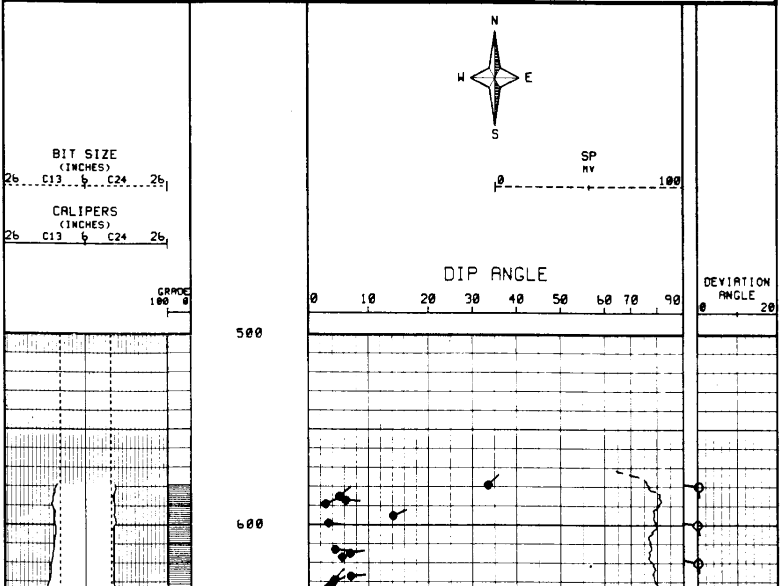
MAGNETIC DECLINATION 21 EAST

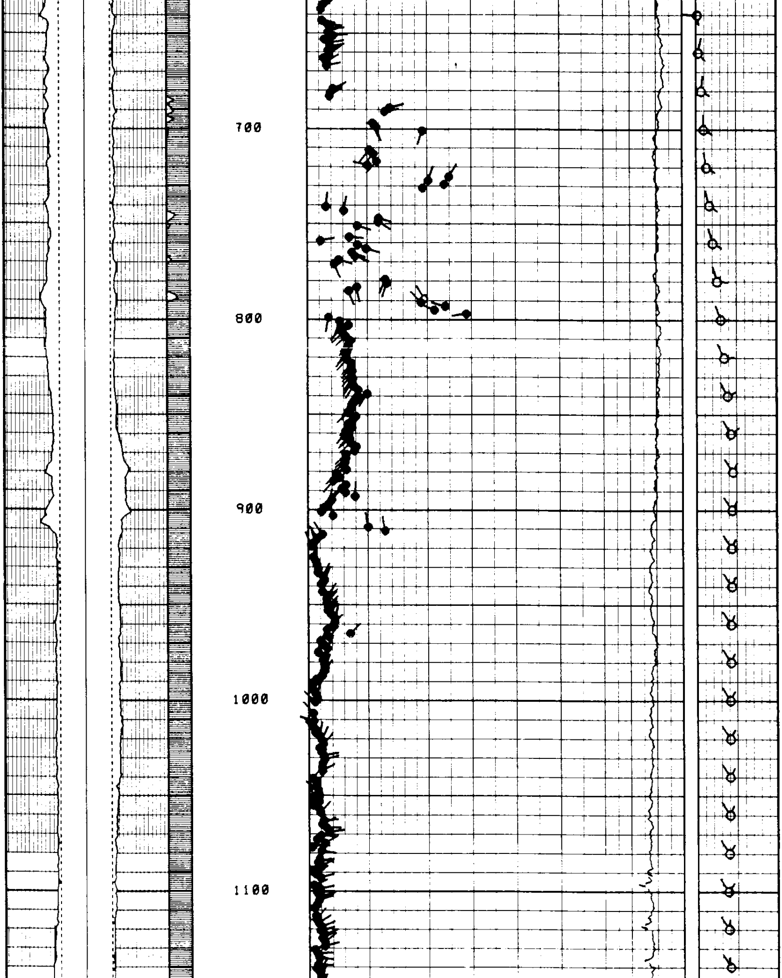
VERTICAL DISPLACEMENT FOR VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

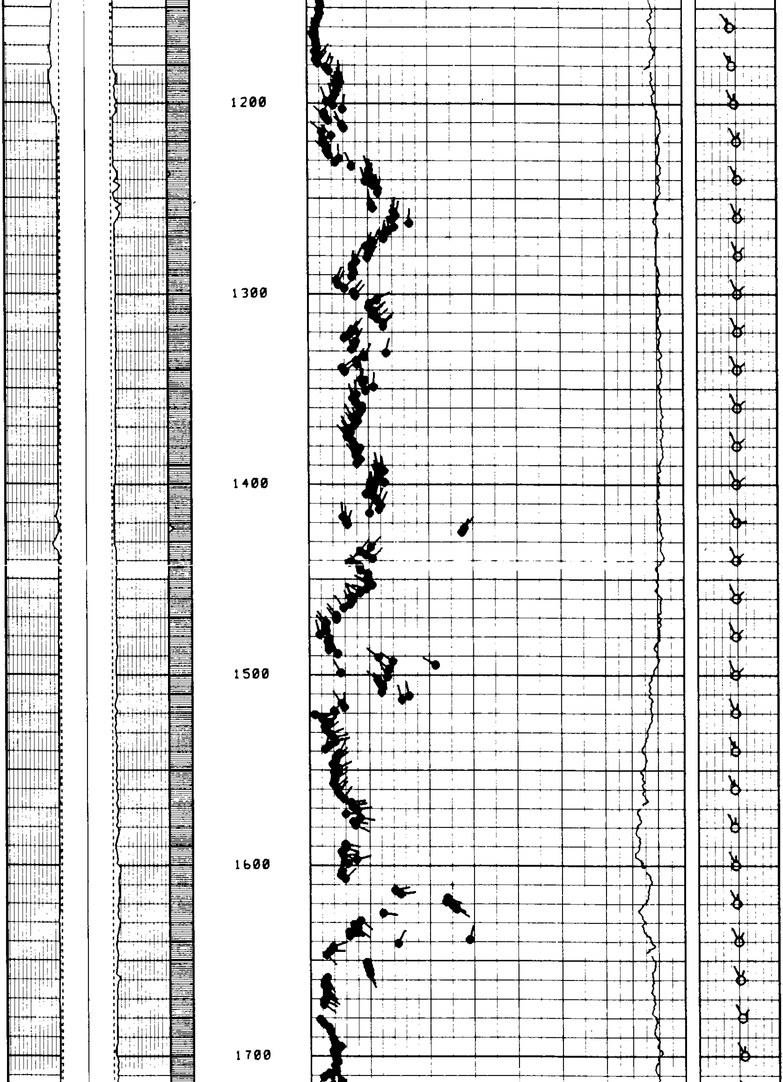
DIP In degrees	100	1000	5280	DIP In degrees	100	1000	5280
1	1.75	17.5	92.2	19	34.4	344	1818
2	3.50	35.0	184.0	20	36.4	364	1922
3	5.20	52.0	277.0	21	38.4	384	2022
4	7.00	70.0	369.0	22	40.4	404	2133
5	8.80	88.0	462.0	23	42.5	425	2241
6	10.50	105.0	555.0	24	44.5	445	2351
7	12.30	123.0	648.0	25	46.6	466	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

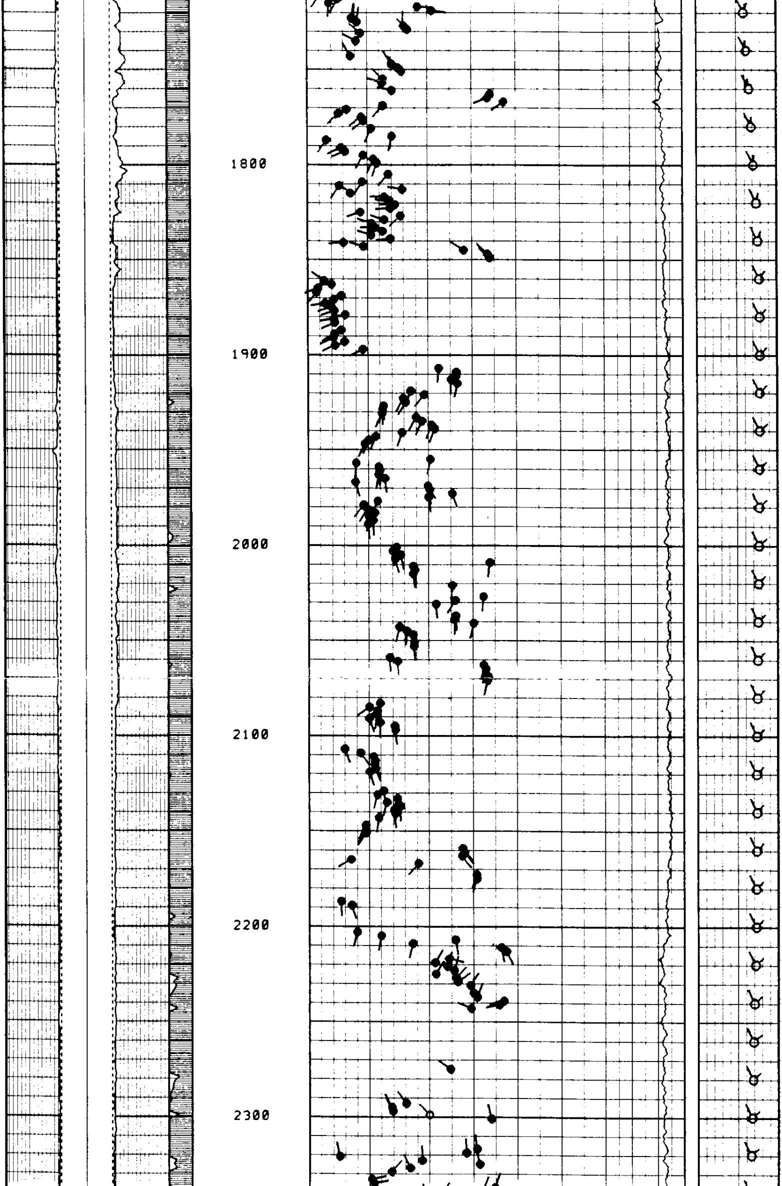
GRAPHIC PRESENTATION

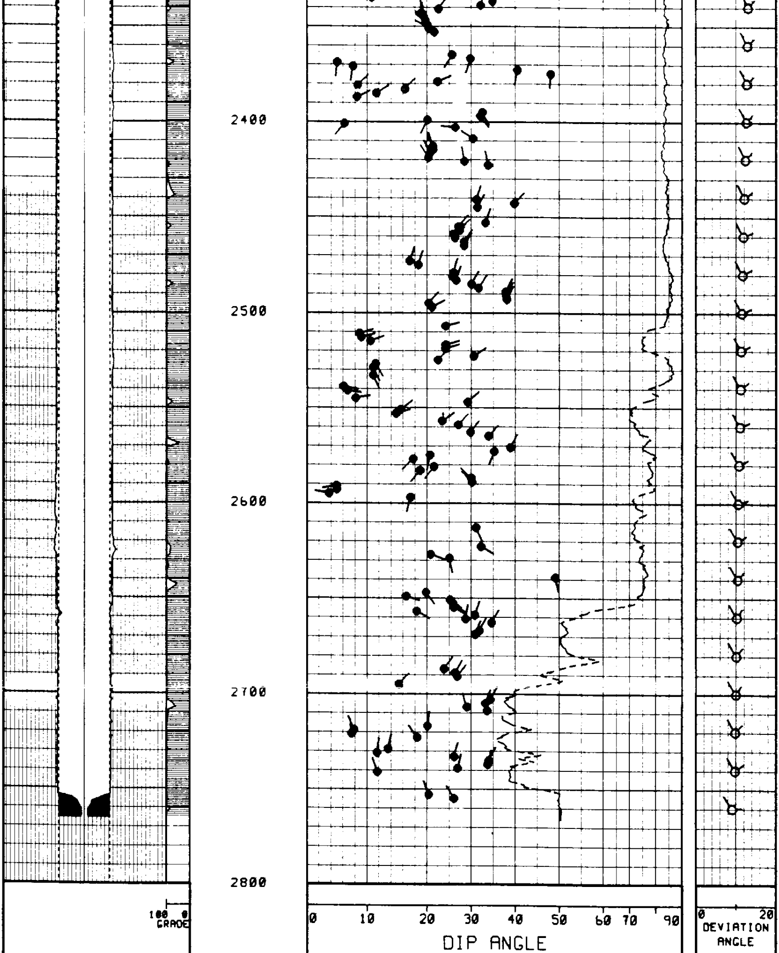
FAIR ○— EXCELLENT ●—

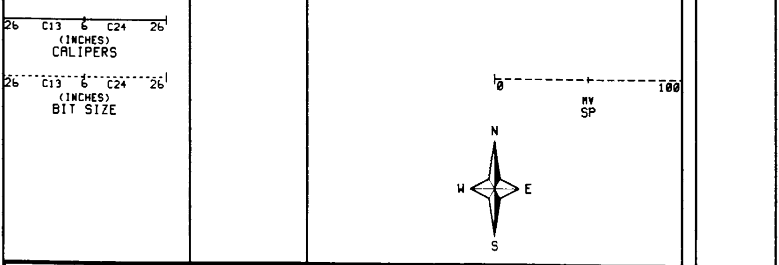




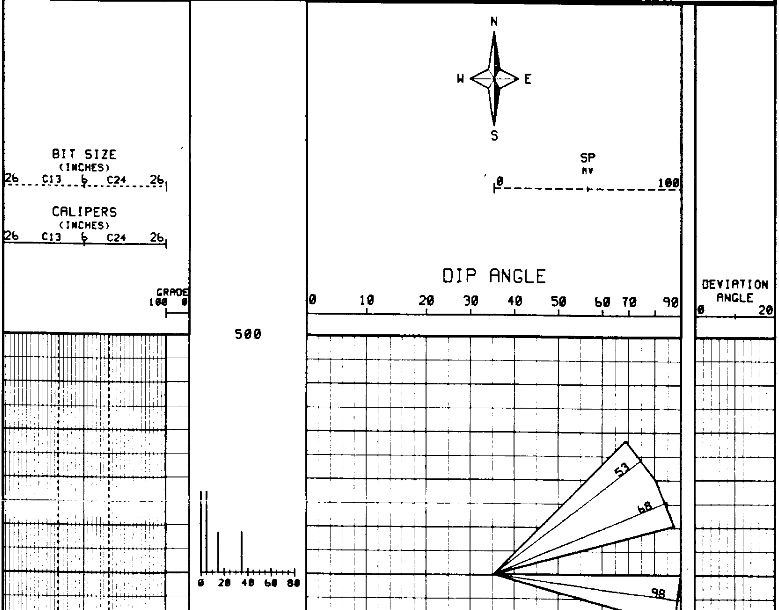


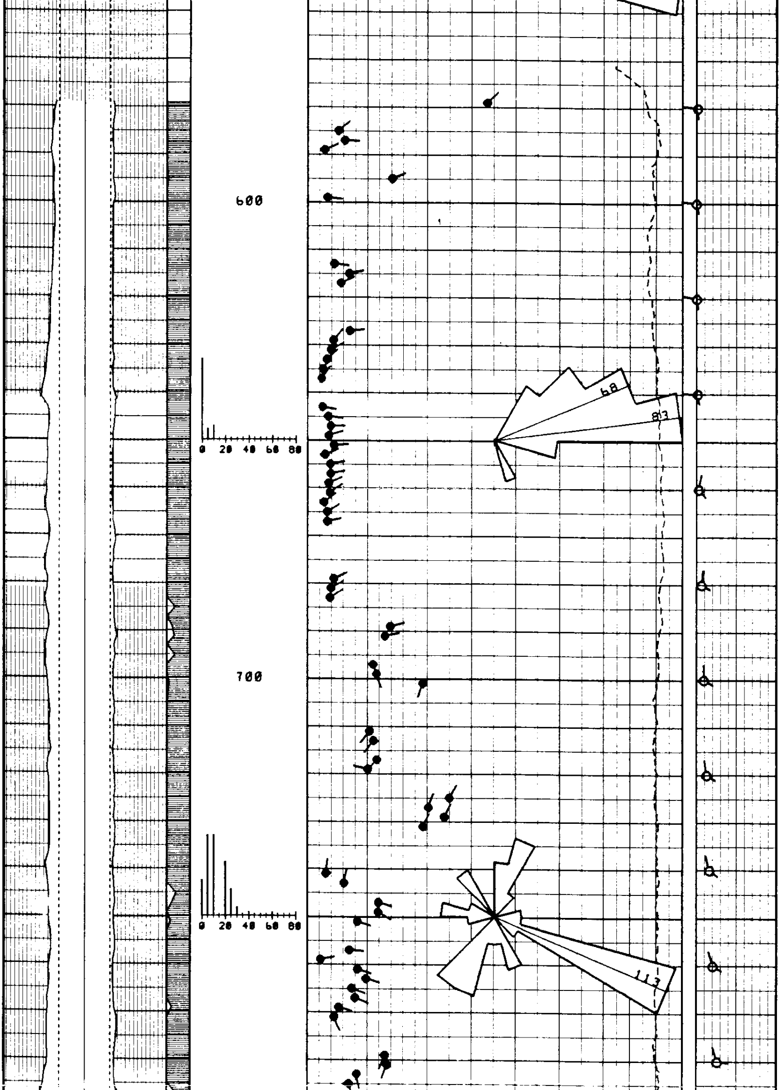


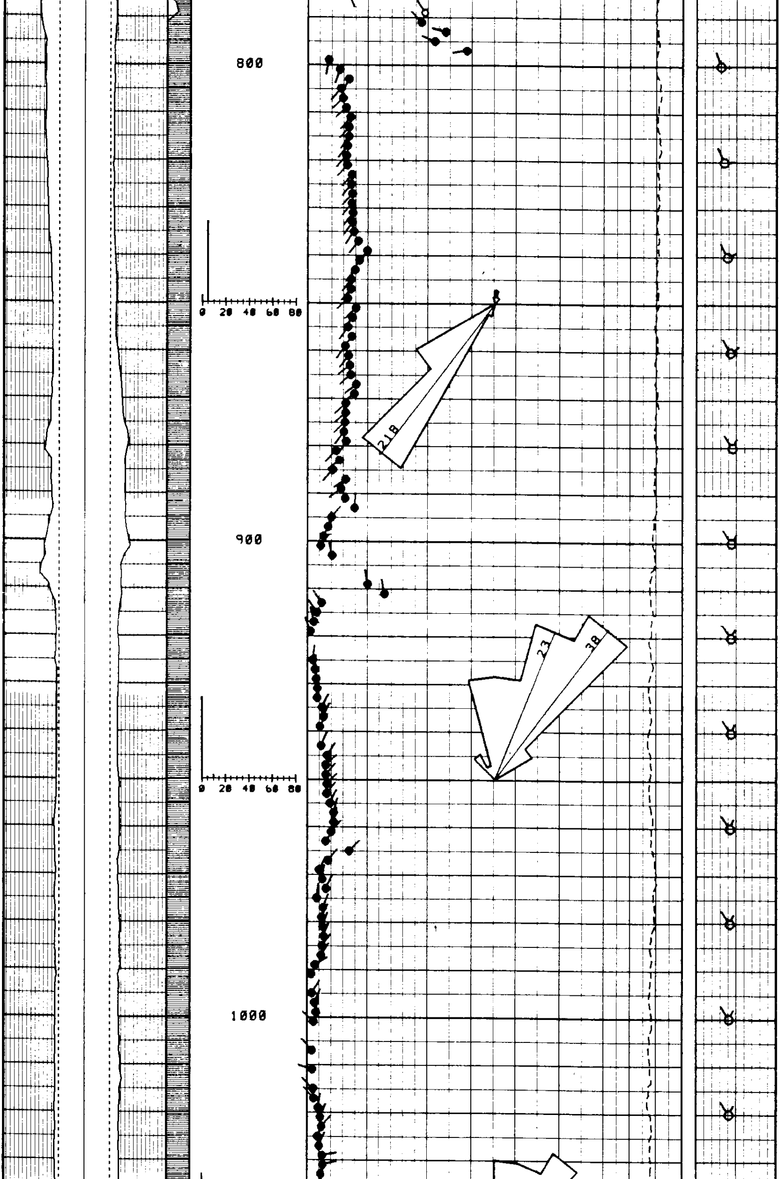


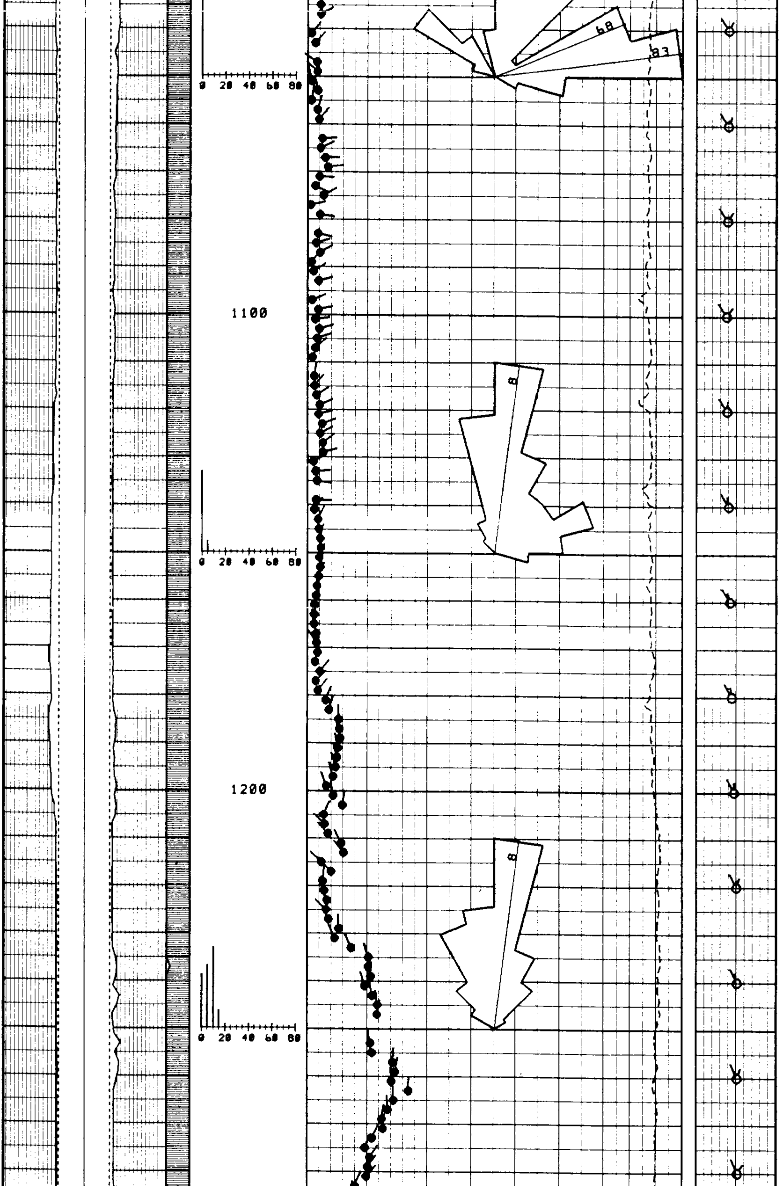


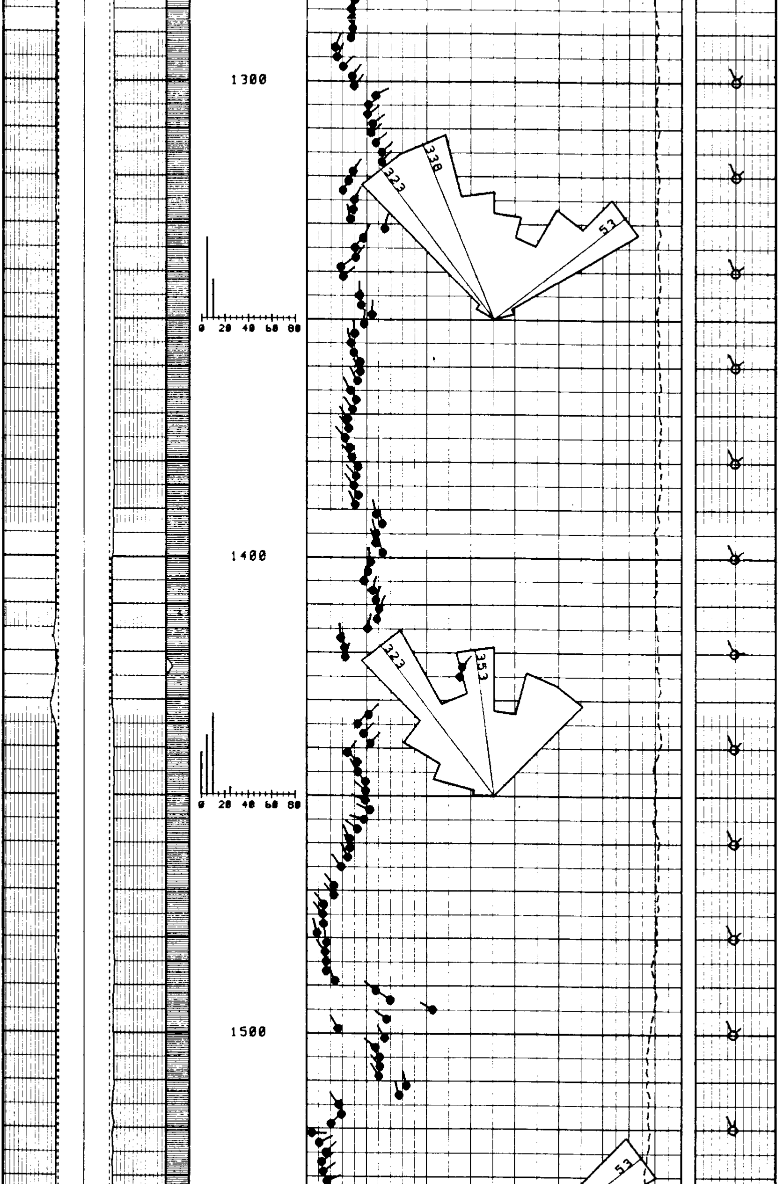
Company	OREGON NATURAL GAS CORP.	Drillers T.D.	2773.0
Well	IW 330-3	Log F.R.	2762.0
Field	MIST	Log T.D.	2764.0
County	COLUMBIA	Elevations	
State	OREGON	K.B. 1089.7 DF.	G.L. 1078.3

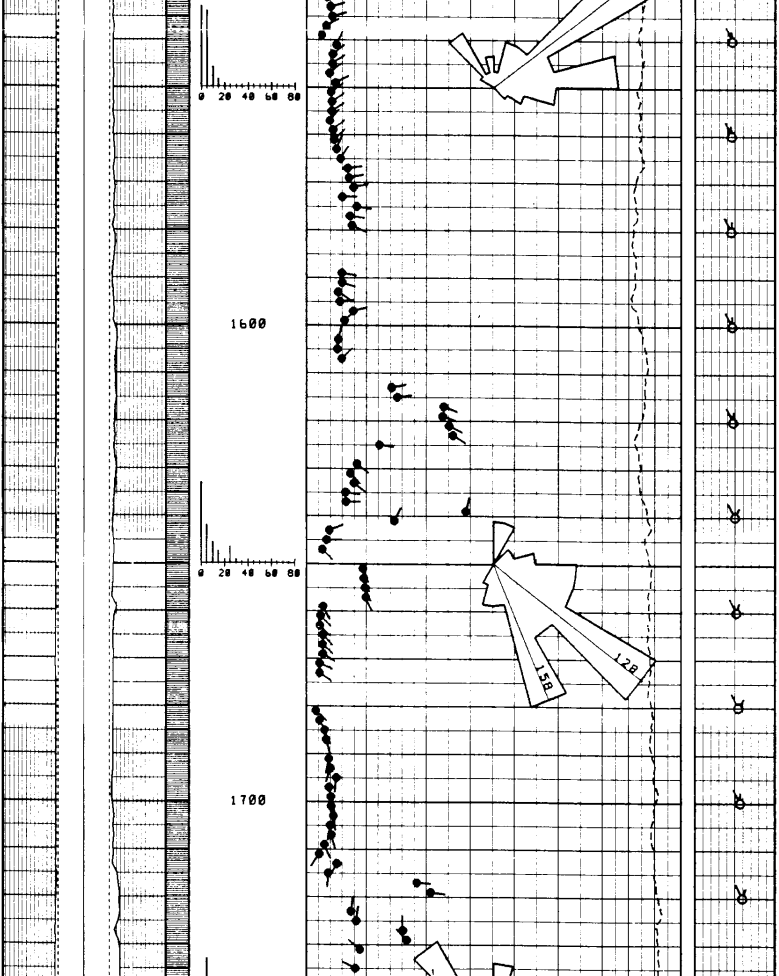


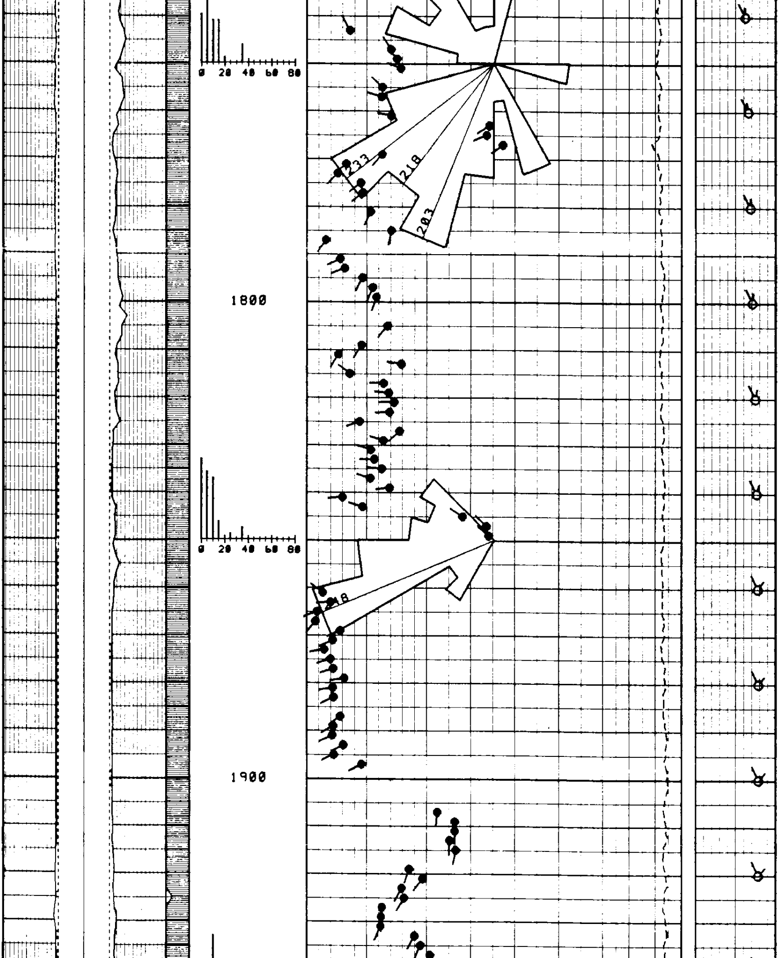


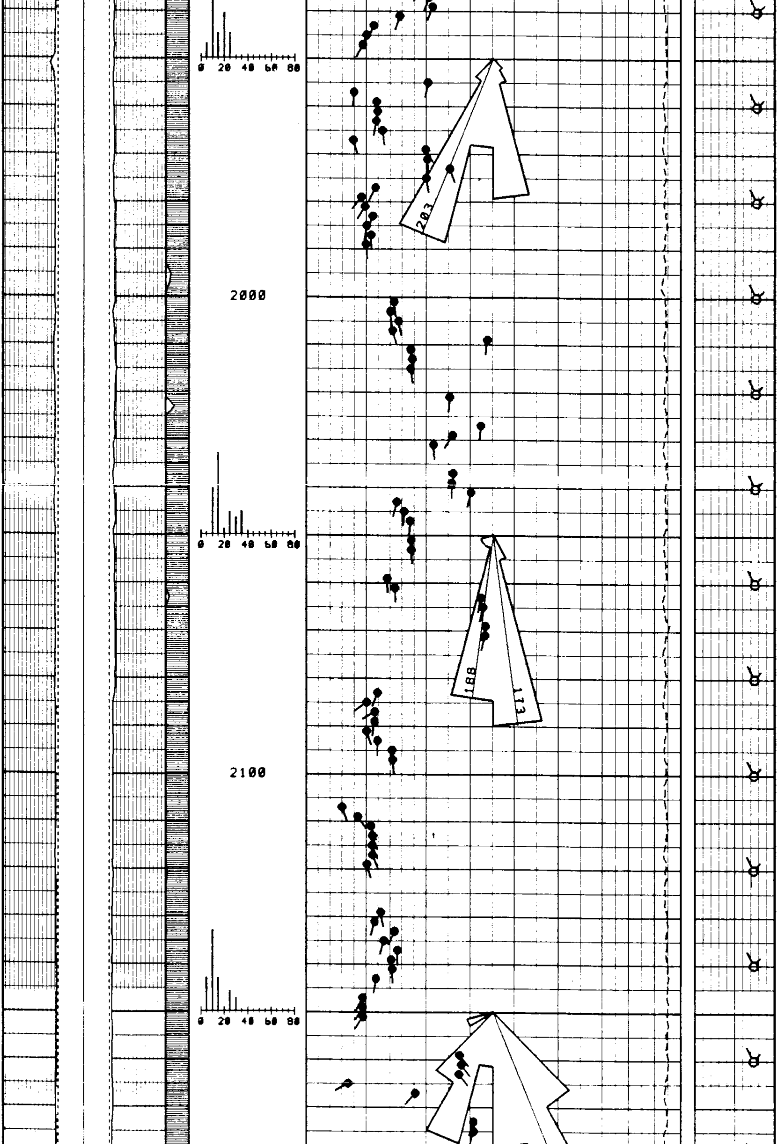


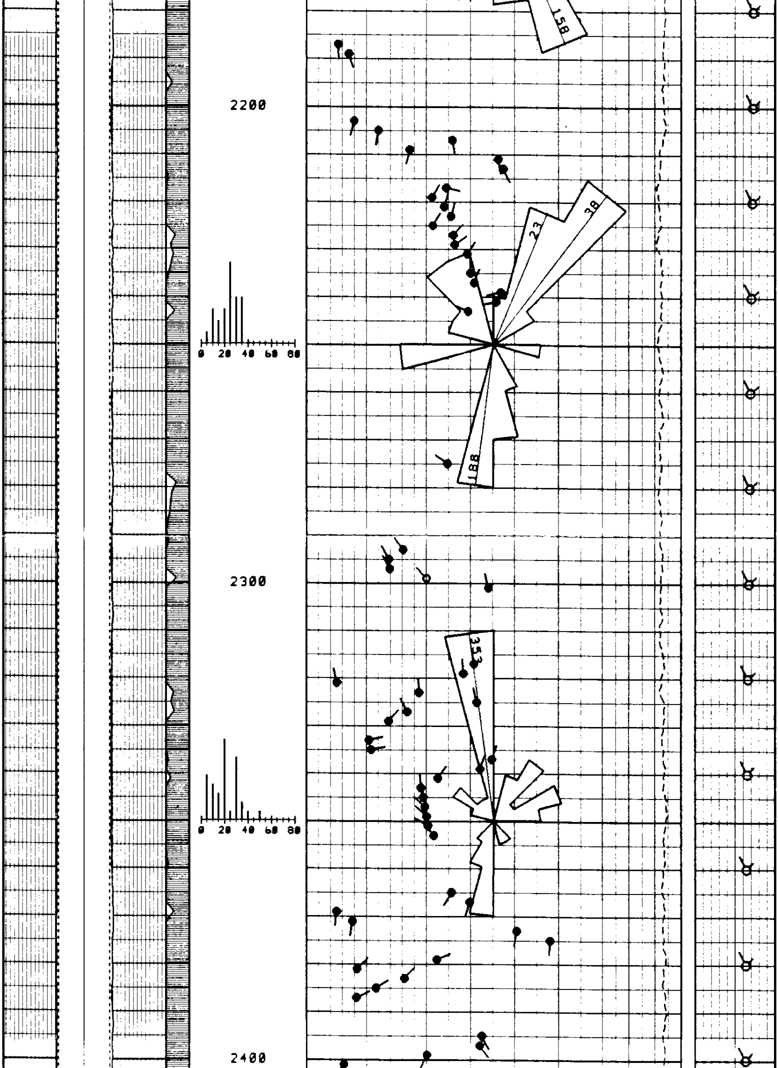


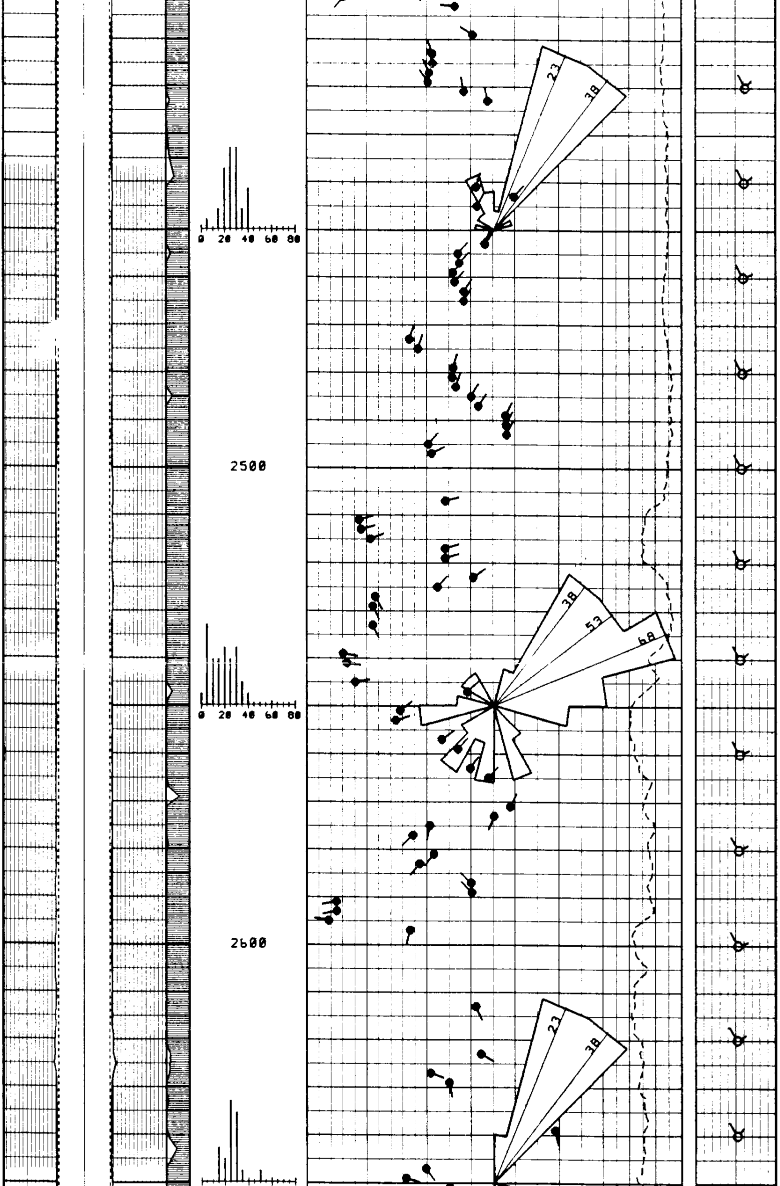


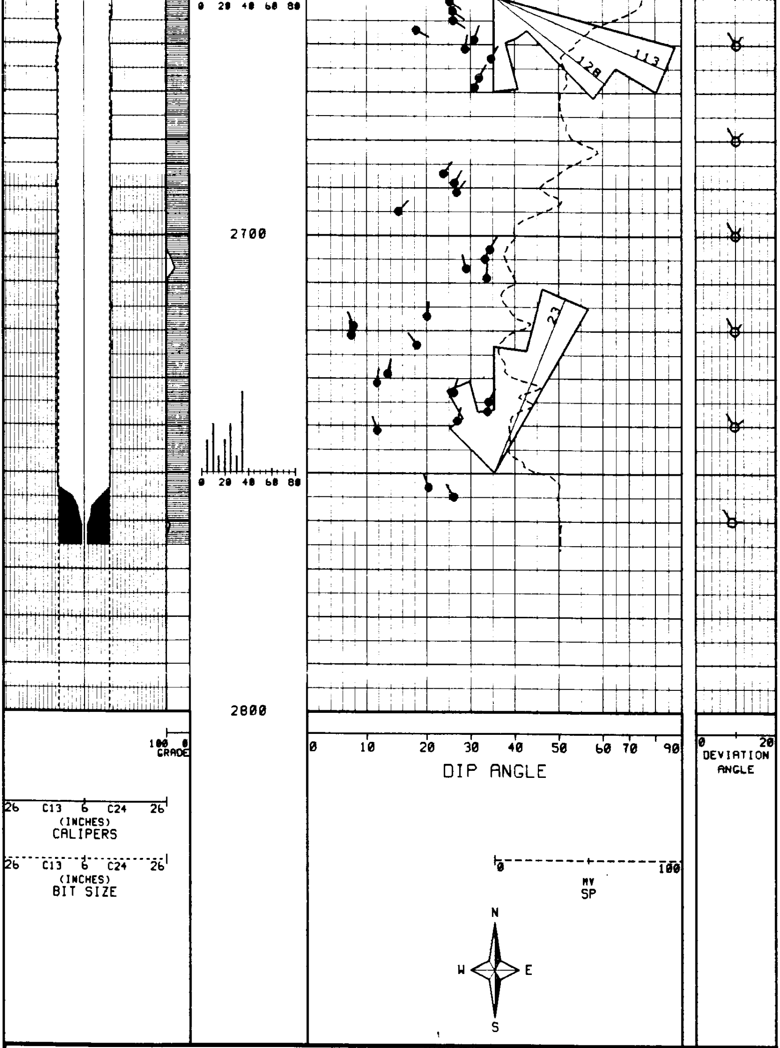












Company OREGON NATURAL GAS CORP.

Well IW 33D-3

Field MIST

County COLUMBIA

Drillers T.D. 2773.0

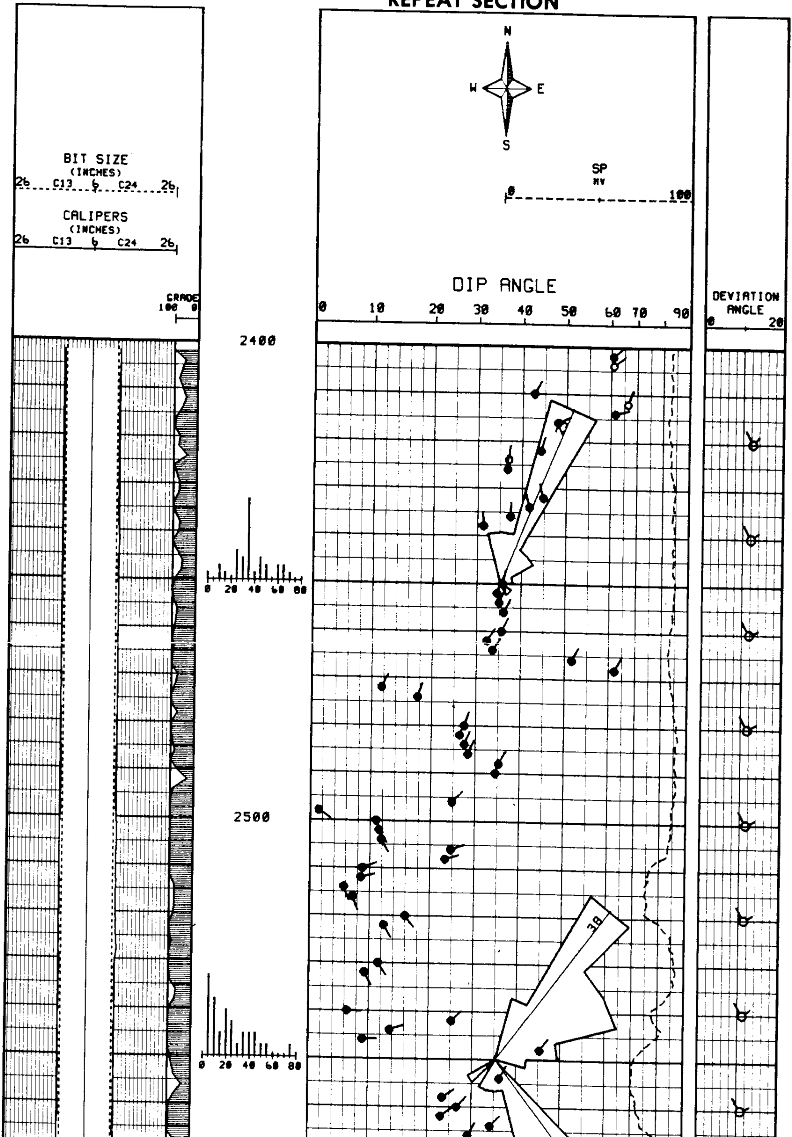
Log F.R. 2762.0

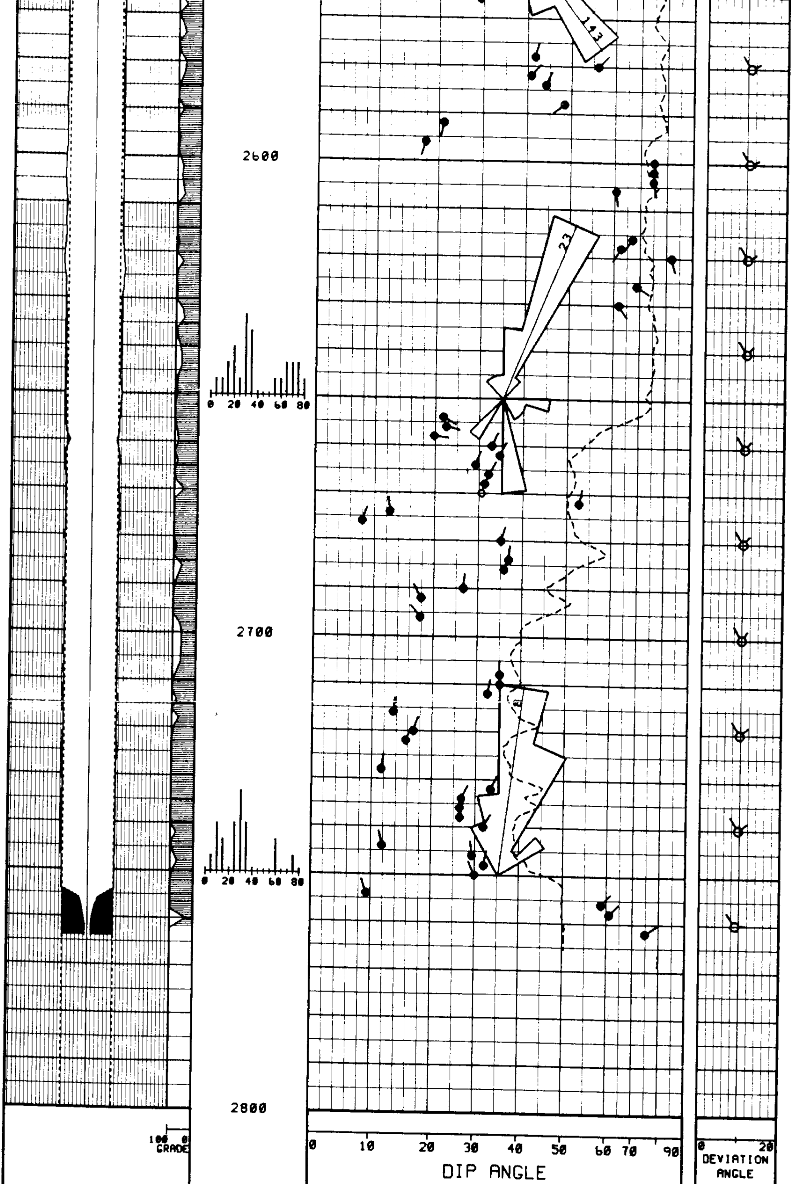
Log T.D. 2764.0

Elevations

State OREGON K.B. 1089.7 DF. G.L. 1078.3

REPEAT SECTION





26 C13 6 C24 26
(INCHES)
CALIPERS

26 C13 6 C24 26
(INCHES)
BIT SIZE

0 100
MV
SP

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