FORM 925209 Rev (09/81)

Western Atlas International
A Litton/Dresser Company
Atlas Wireline Services

Computed 4-ARM Diplog

FILE NO. HLAC 12702.0
API NO.

COMPANY OREGON NATURAL GAS CORPORATION
WELL IW 42~~D~~C-10
FIELD MIST
COUNTY COLUMBIA STATE OREGON

LOCATION:
451'W & 221'N FROM
E 1/4 CORNER OF
SEC 10 TWP 6N RGE 5W

Other Services
DIFL/BHC-AL
CDLC/CN/GR

Permanent Datum GL Elev. 804.38'
Log Measured from KB 11.4 Ft. Above Permanent Datum
Drilling Measured from KB

Elev.
KB 815.78'
DF ---
GL 804.38'

Date	7-24-88	7-28-88		
Run No.	ONE	TWO		
Service Order	159026	159030		
Depth — Driller	2087.0	2770.0		
Depth — Logger	2078.0	2764.0		
Bottom Logged Interval	2074.0	2762.0		
Top Logged Interval	532.0	2074.0		
Casing — Driller	13 3/8 @ 532	8 5/8 @2070	@	@
Casing — Logger	532.0	2070.0		
Bit Size	12 1/4"	7 7/8"		
Type Fluid in Hole	GEL/DRISPAC	GEL/DRISPAC		
Density and Viscosity	10.2 42	9.2 55		
pH and Fluid Loss	9.0 5.0 cc	11.7 6.8 cc	cc	cc
Source of Sample	FLOWLINE	FLOWLINE		
Rm @ Meas. Temp.	1.65 @ 65 °F	3.02 @ 76 °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.20 @ 65 °F	2.18 @ 76 °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.90 @ 65 °F	3.67 @ 76 °F	@ °F	@ °F
Source of Rmf and Rmc	MEAS. MEAS.	MEAS. MEAS.		
Rm @ BHT	1.02 @ 105 °F	2.07 @ 111 °F	@ °F	@ °F
Time Since Circ.	6 HRS.	4 HRS.		
Max. Rec. Temp. Deg. F.	105 °F	111 °F	°F	°F
Equip. No. and Location	6406 SAC.	6406 SAC.		
Recorded By:	M HINDS	M HINDS		
Witnessed By:	MR. THOMAS	MR. THOMAS		

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) RUN 1-FILE 3: 531-2083 SEARCH LENGTH 8", WINDOW LENGTH 8', STEP LENGTH 2'
PLOT 1:) RUN 2-FILE 3: 2033-2774 " " ", " " ", " " "
INTERVAL PROCESSED) RUN 1-FILE 3: 1500-2083 SEARCH LENGTH 48", WINDOW LENGTH 8', STEP LENGTH 2'
PLOT 2:) RUN 2 FILE 3: 2083-2774 " " ", " " ", " " "

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	RAY 8-26-88			

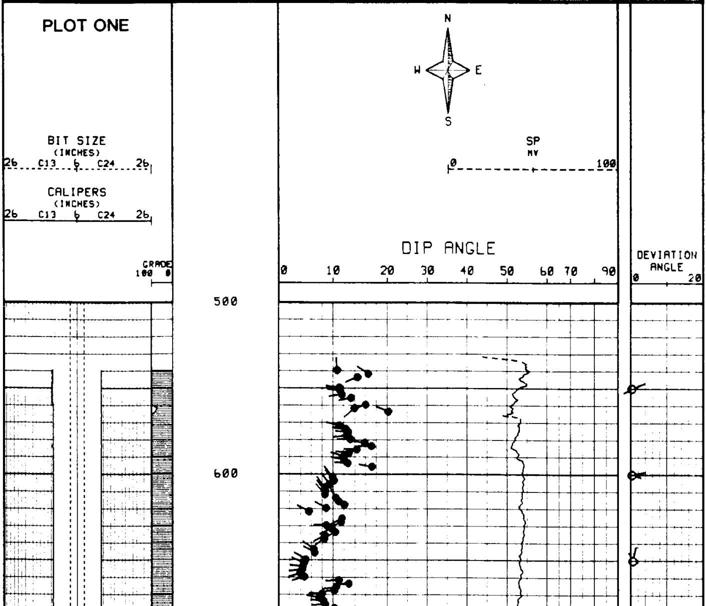
MAGNETIC DECLINATION 20 EAST

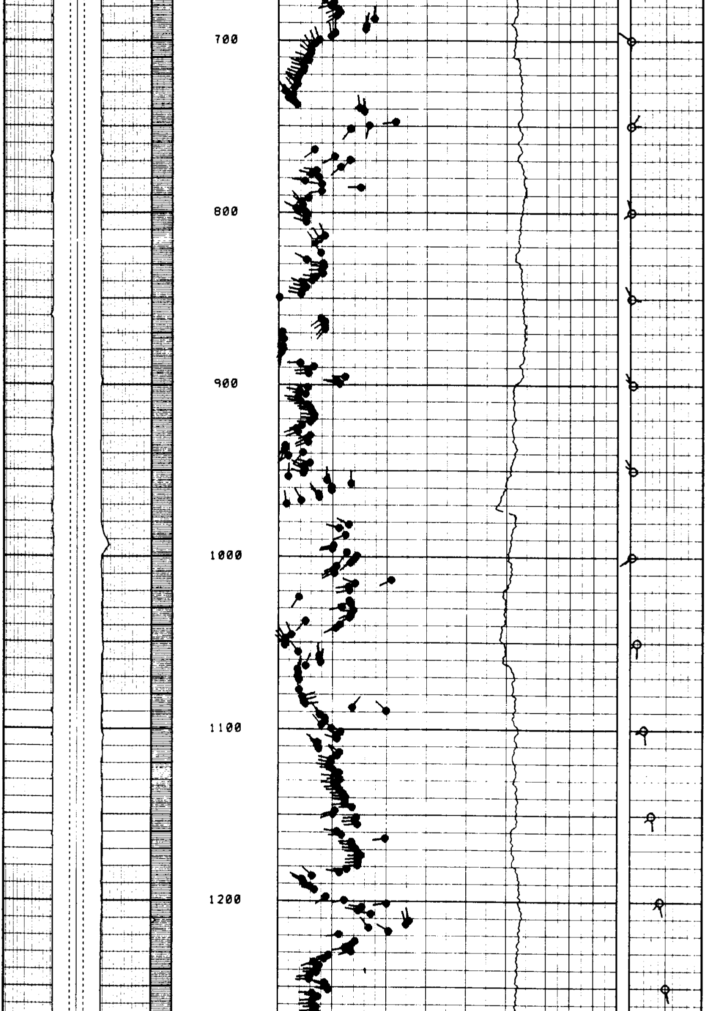
VERTICAL DISPLACEMENT FOR VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

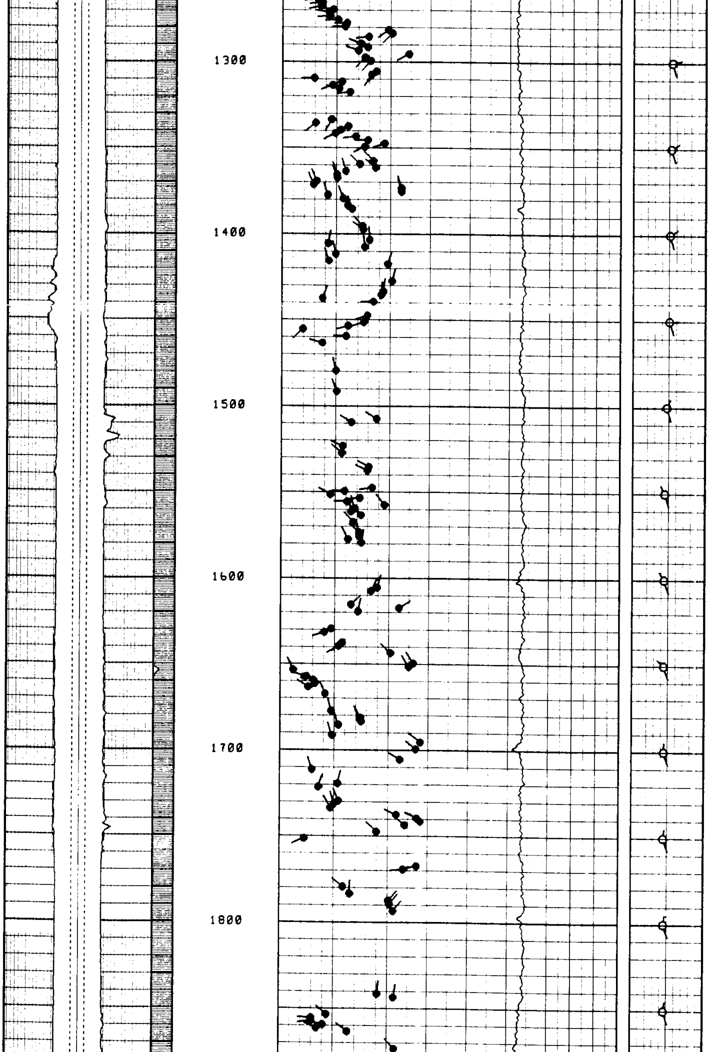
DIP In degrees	100	1000	5280	DIP In degrees	100	1000	5280
1	1.75	17.5	92.2	19	34.4	344	1818
2	3.50	35.0	184.0	20	36.4	364	1922
3	5.20	52.0	277.0	21	38.4	384	2022
4	7.00	70.0	369.0	22	40.4	404	2133
5	8.80	88.0	462.0	23	42.5	425	2241
6	10.50	105.0	555.0	24	44.5	445	2351
7	12.30	123.0	648.0	25	46.6	466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

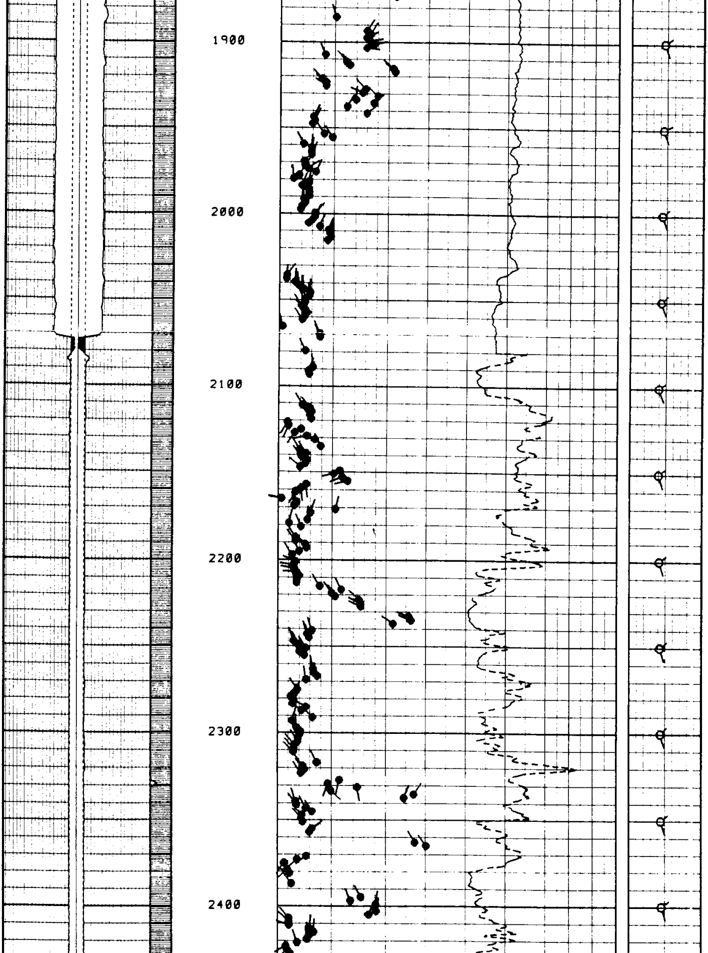
GRAPHIC PRESENTATION

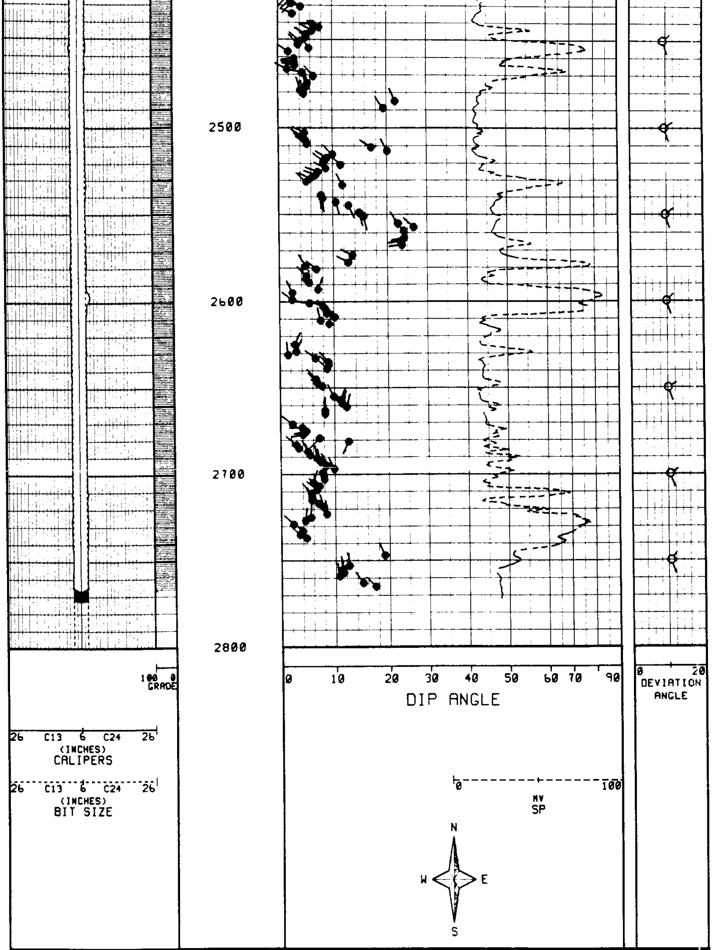
FAIR ○—　　EXCELLENT ●—











Company OREGON NATURAL GAS CORP.
Well 1W 42D-10
Field MIST

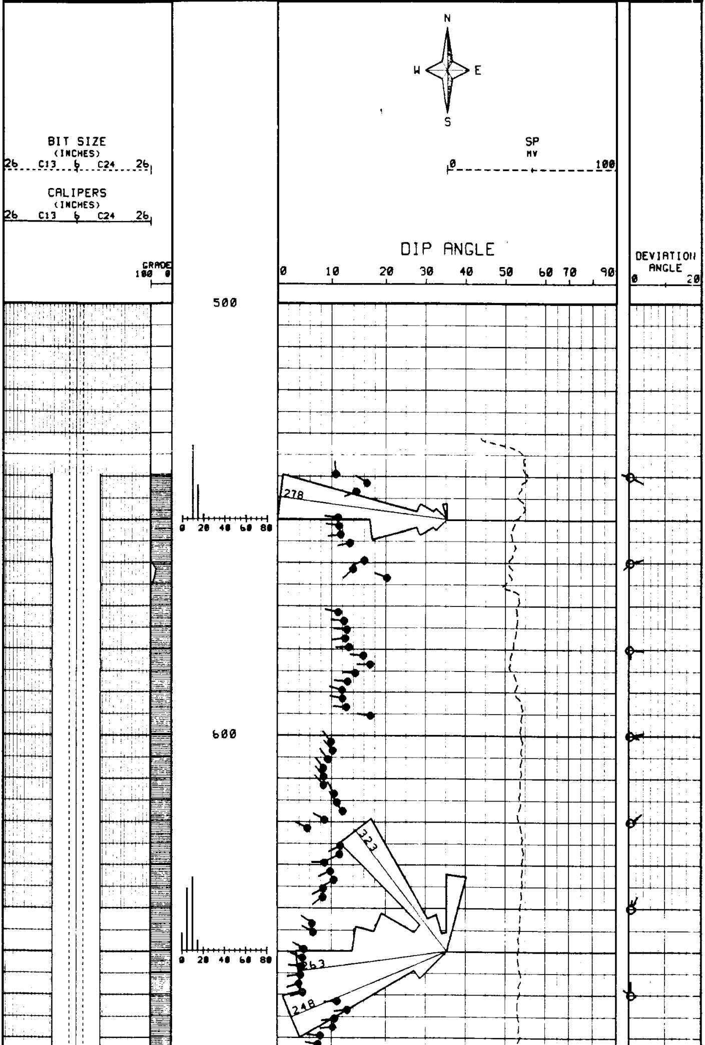
Drillers T.D. 2087.0
Log F.R. 2074.0
Log T.D. 2078.0

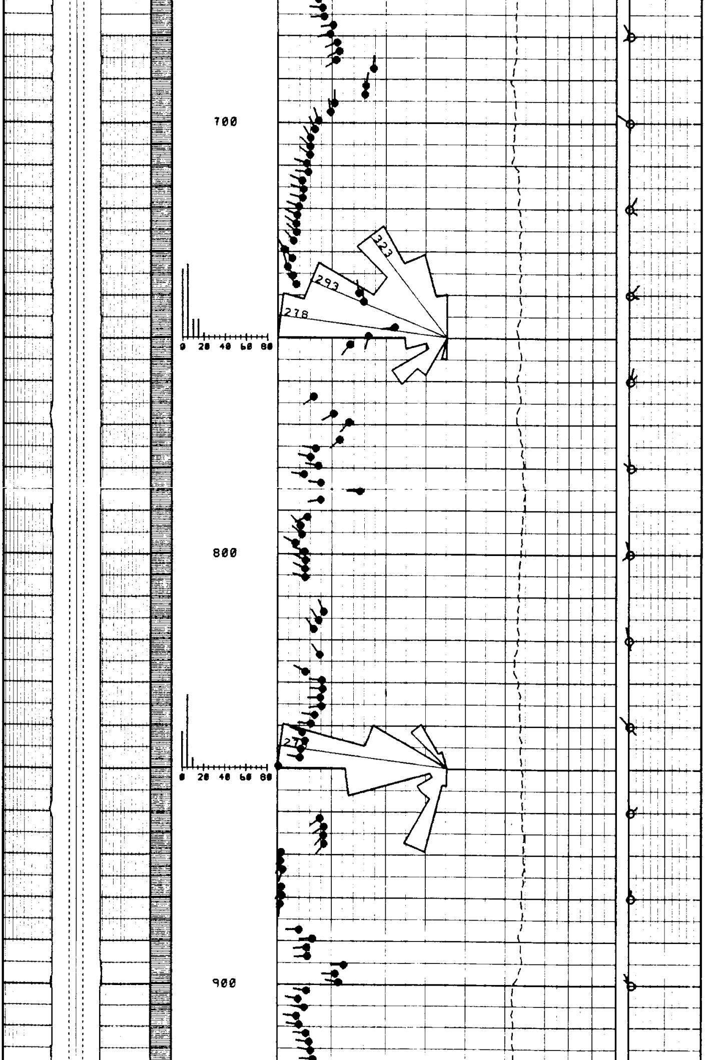
County COLUMBIA

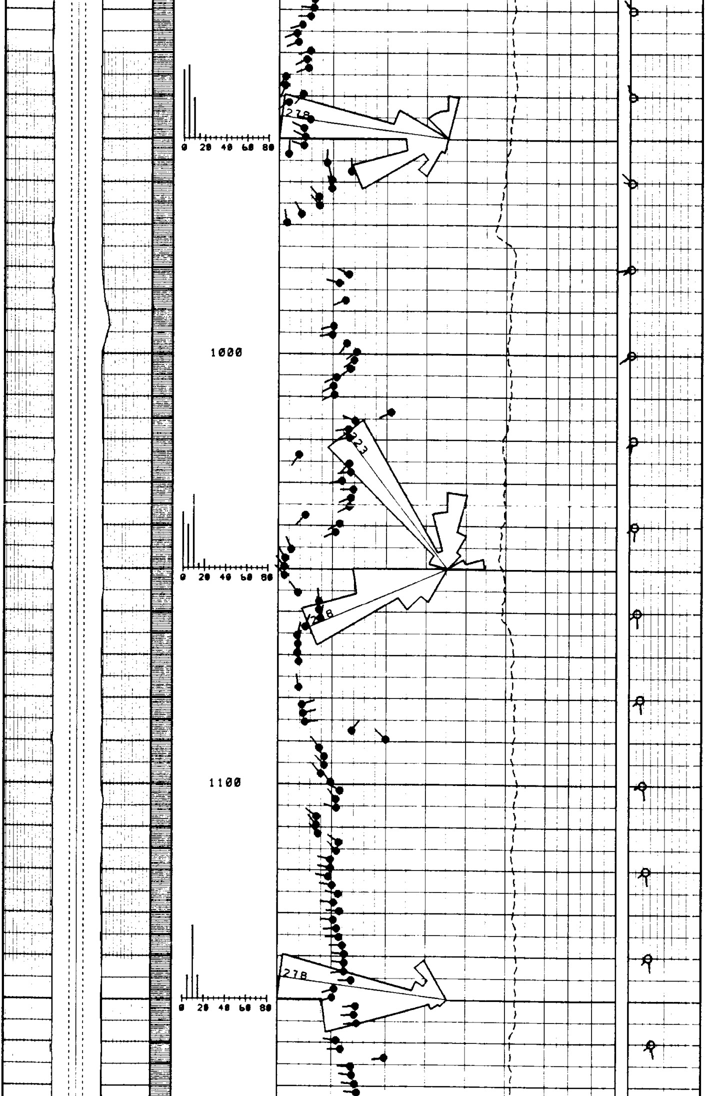
Elevations

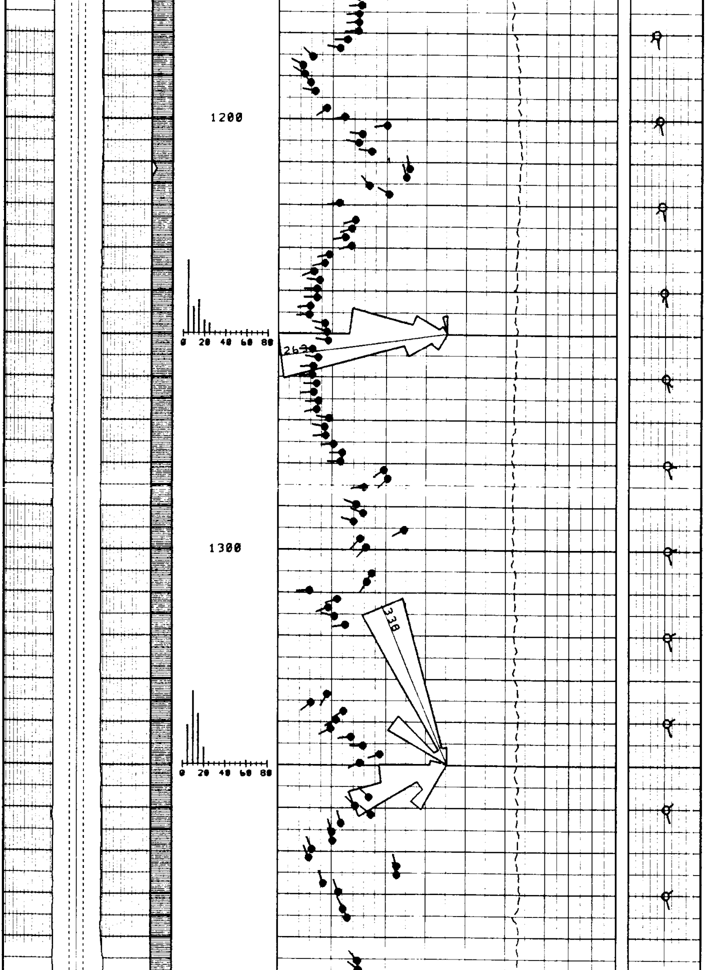
State OREGON

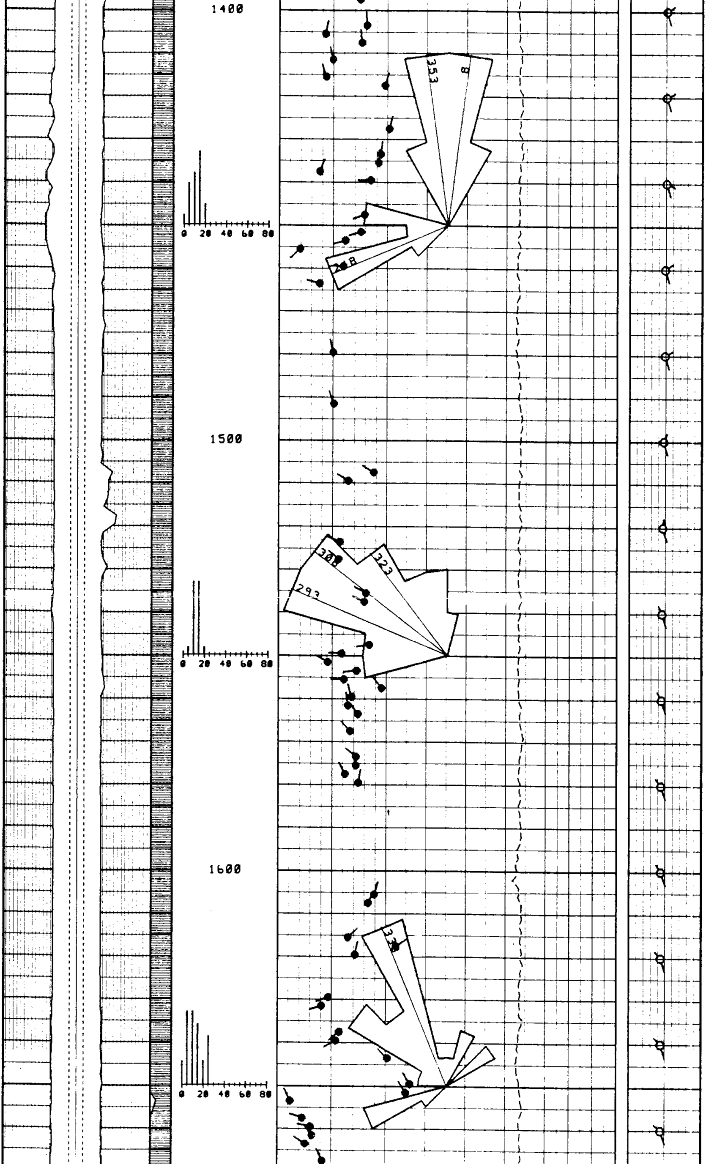
K.B. 815.78' DF. G.L. 804.38'

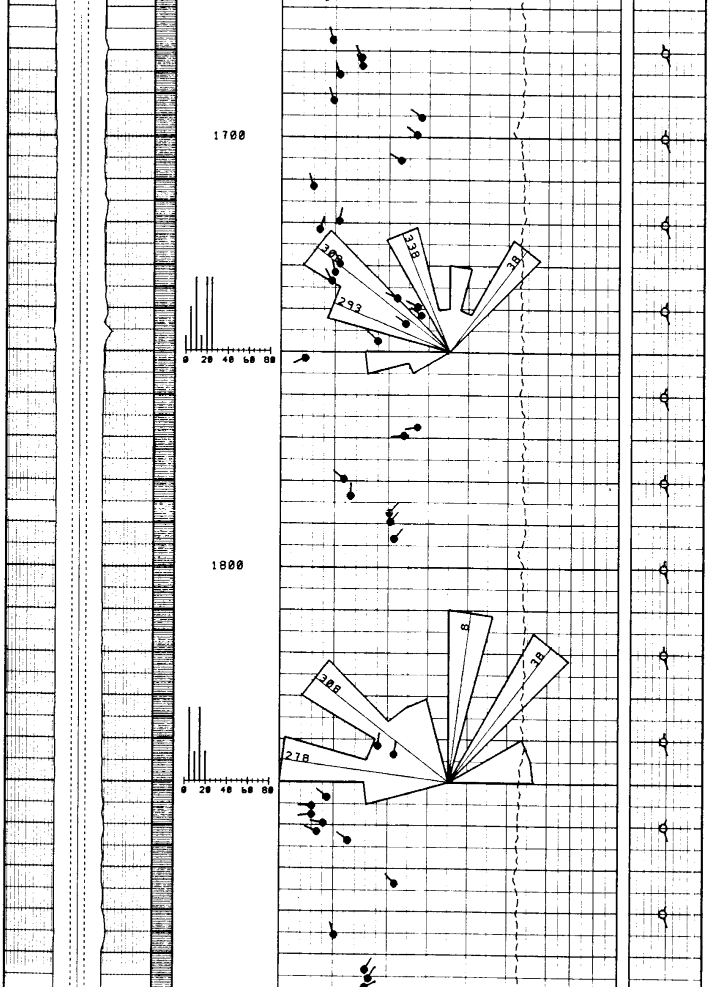


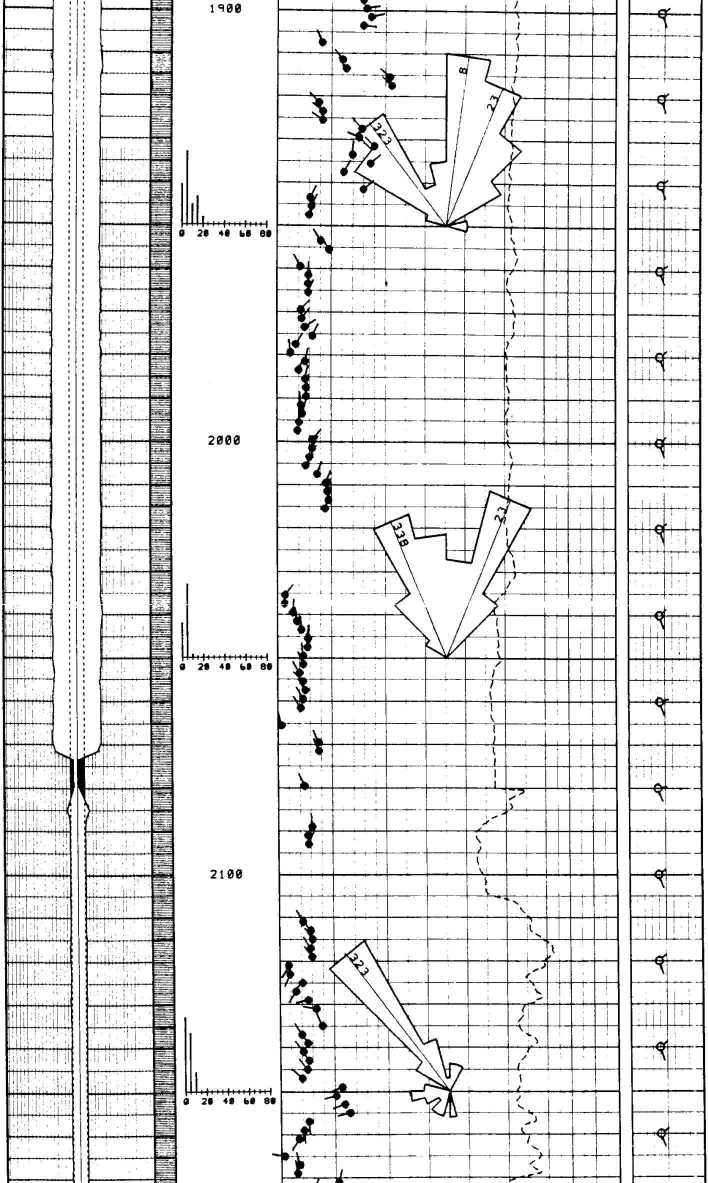


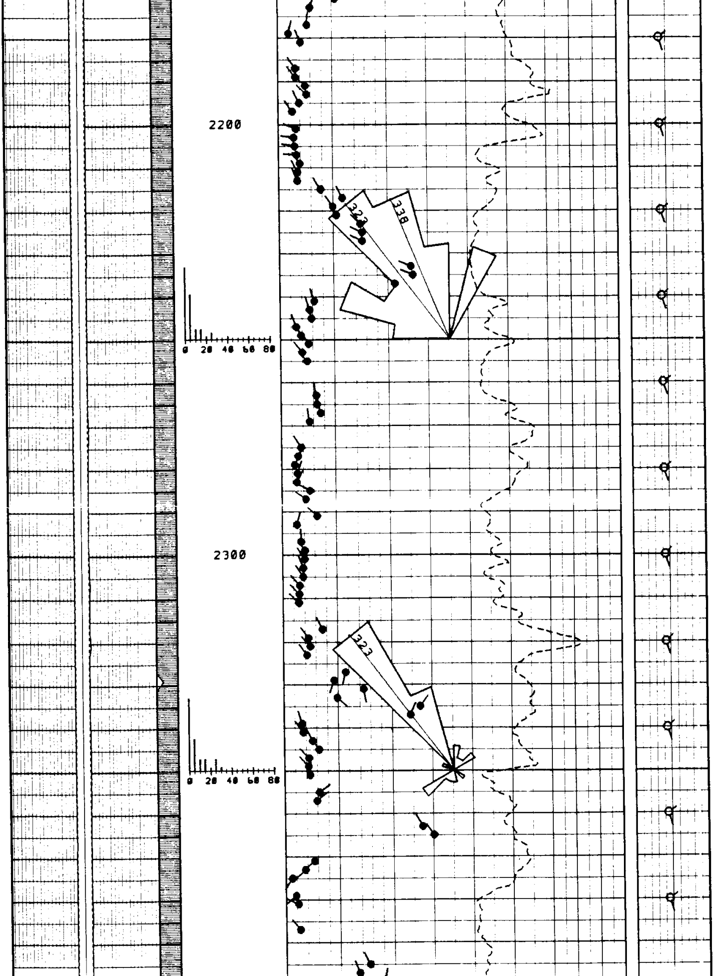


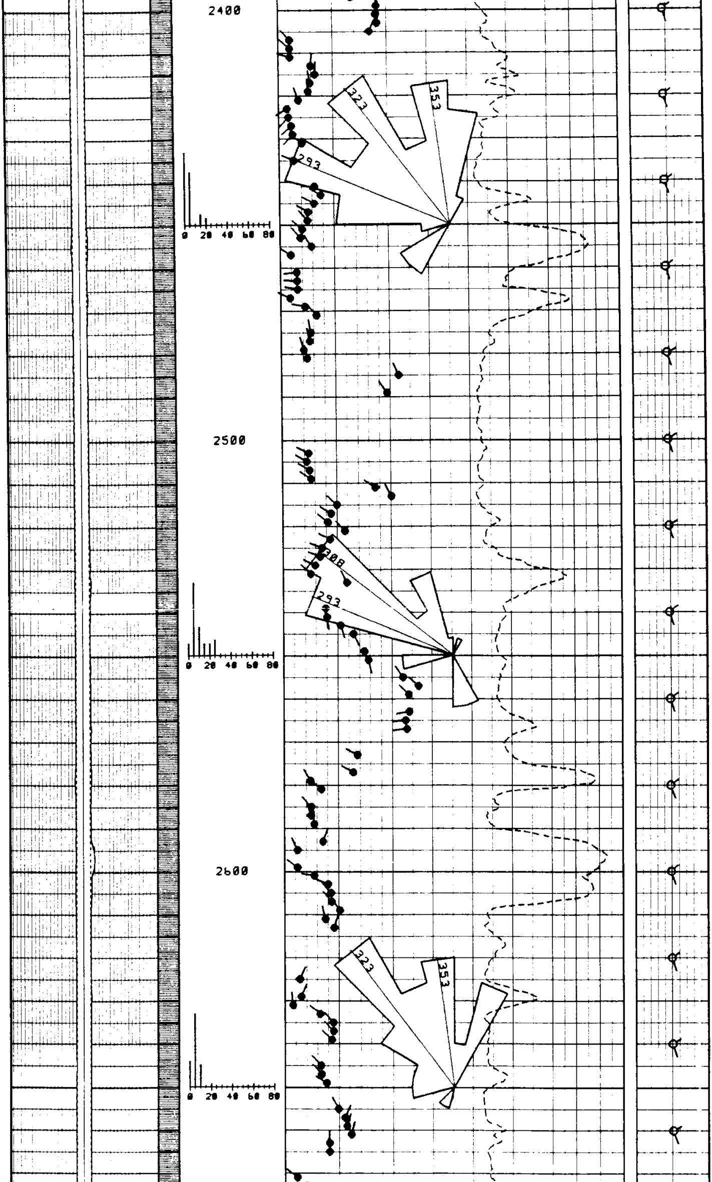


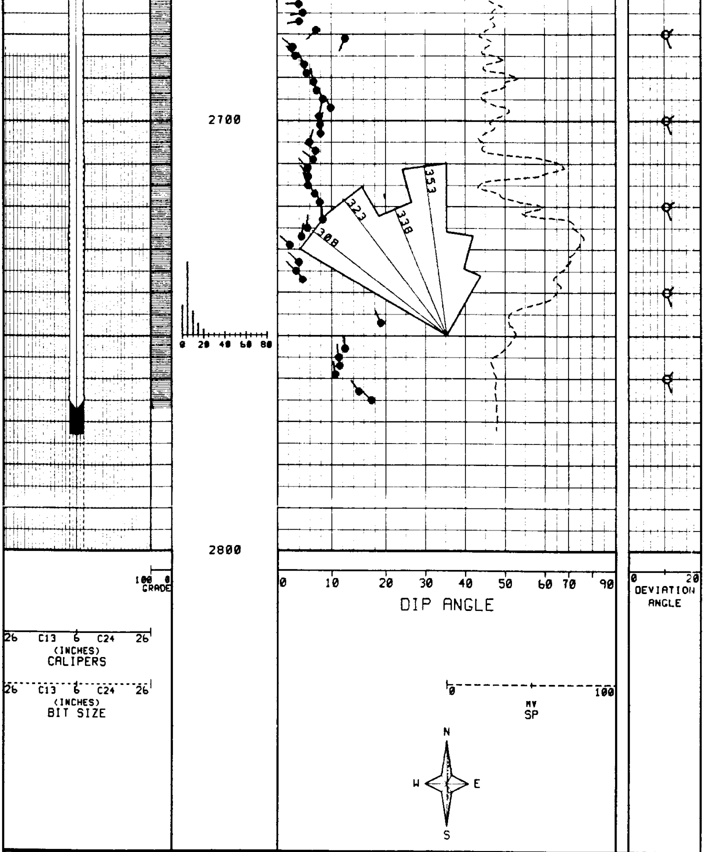










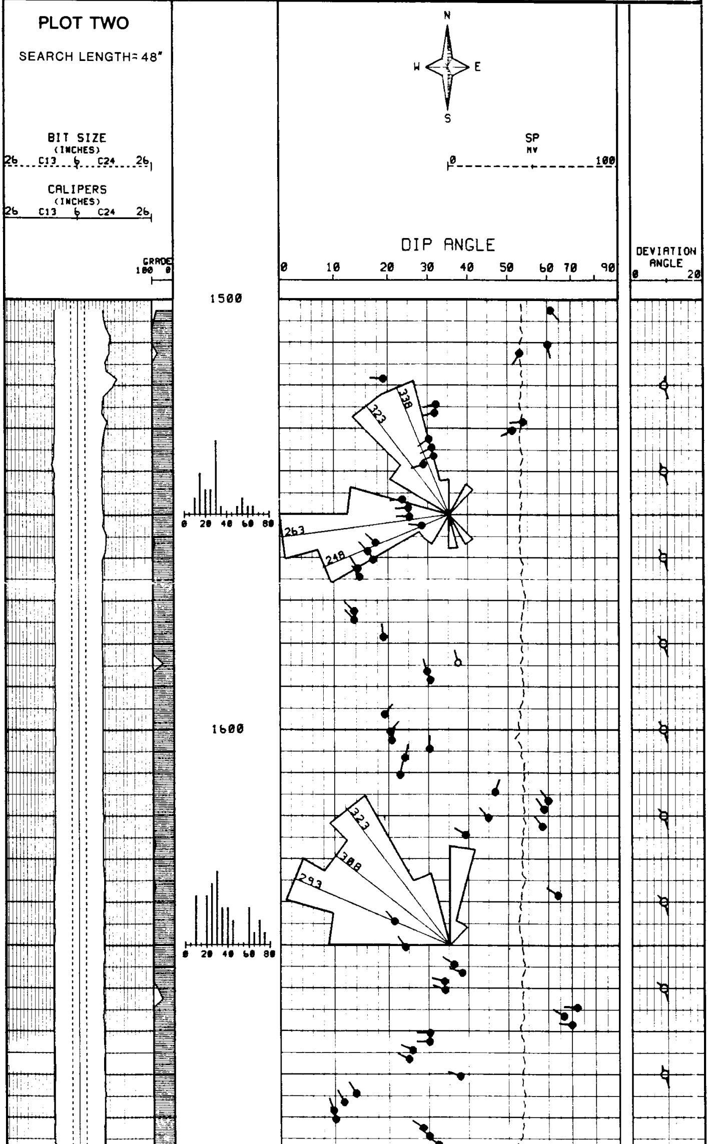


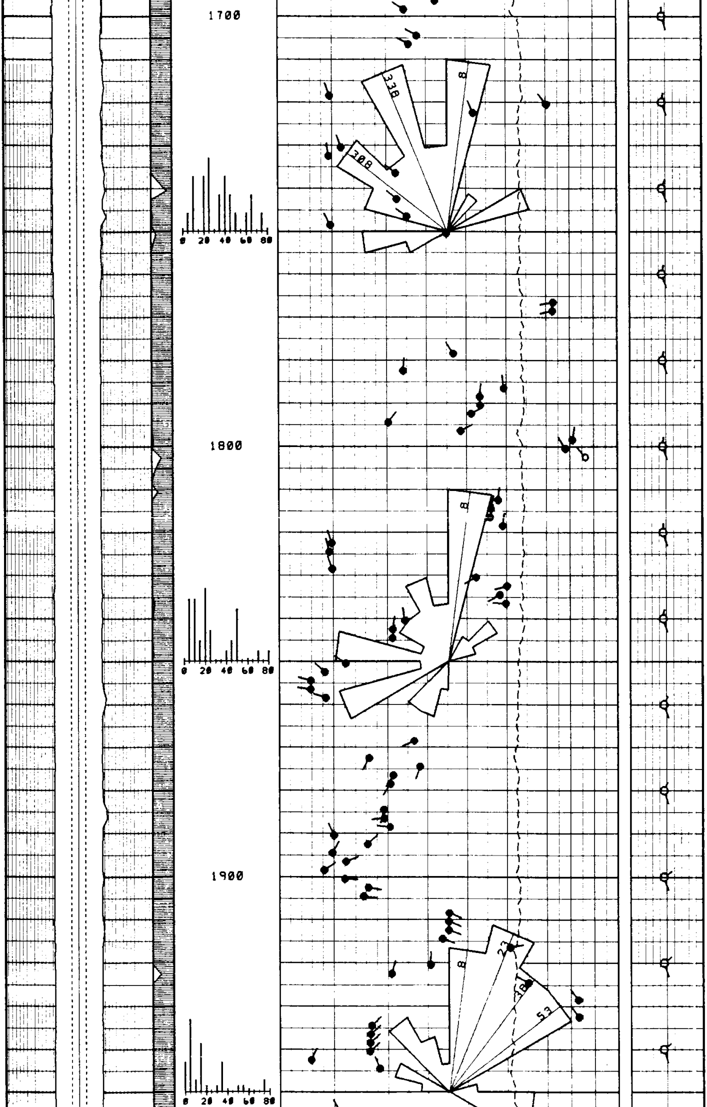
Company	OREGON NATURAL GAS CORP.	Drillers T.D.	2087.0
Well	IW 42D-10	Log F.R.	2074.0
Field	MIST	Log T.D.	2078.0
County	COLUMBIA	Elevations	

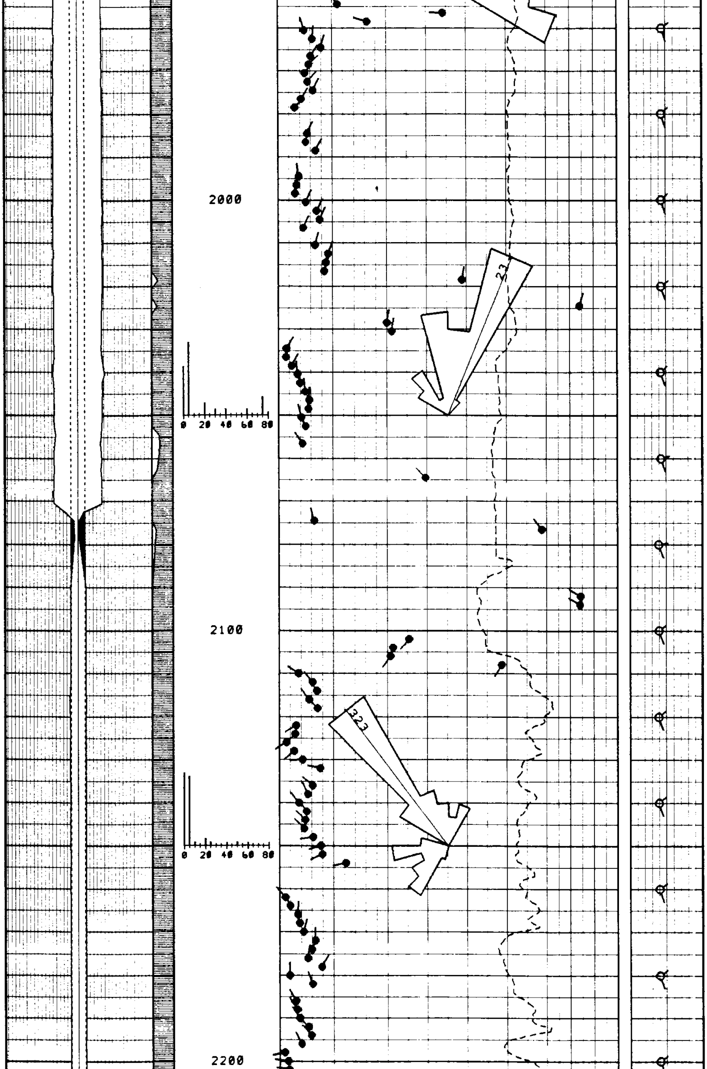
State OREGON K.B. 815.78' DF. ________ G.L. 804.38'

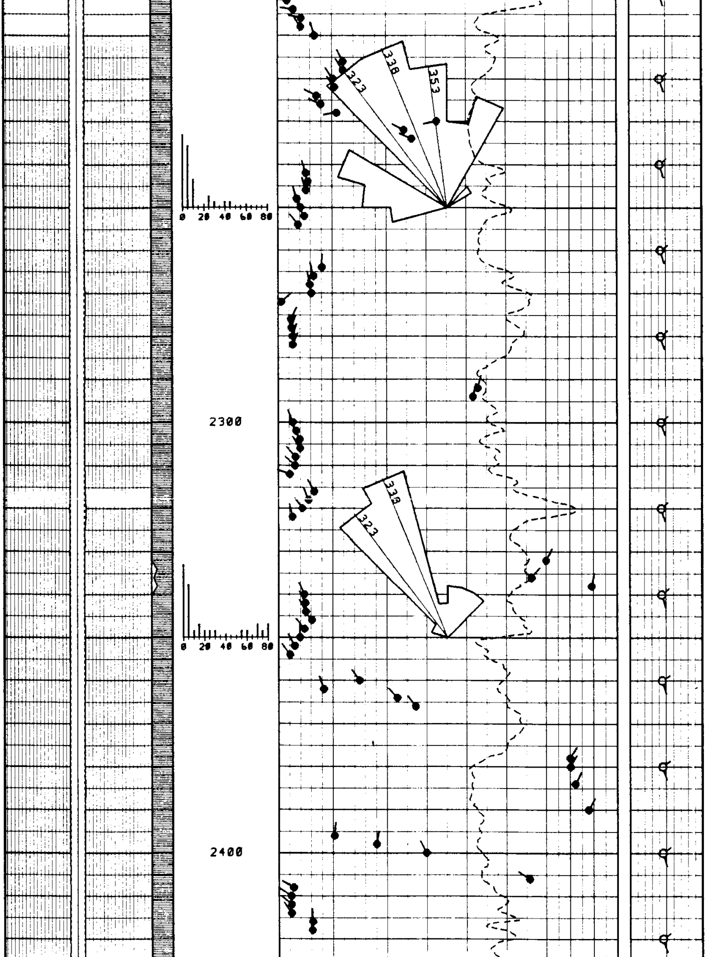
PLOT TWO

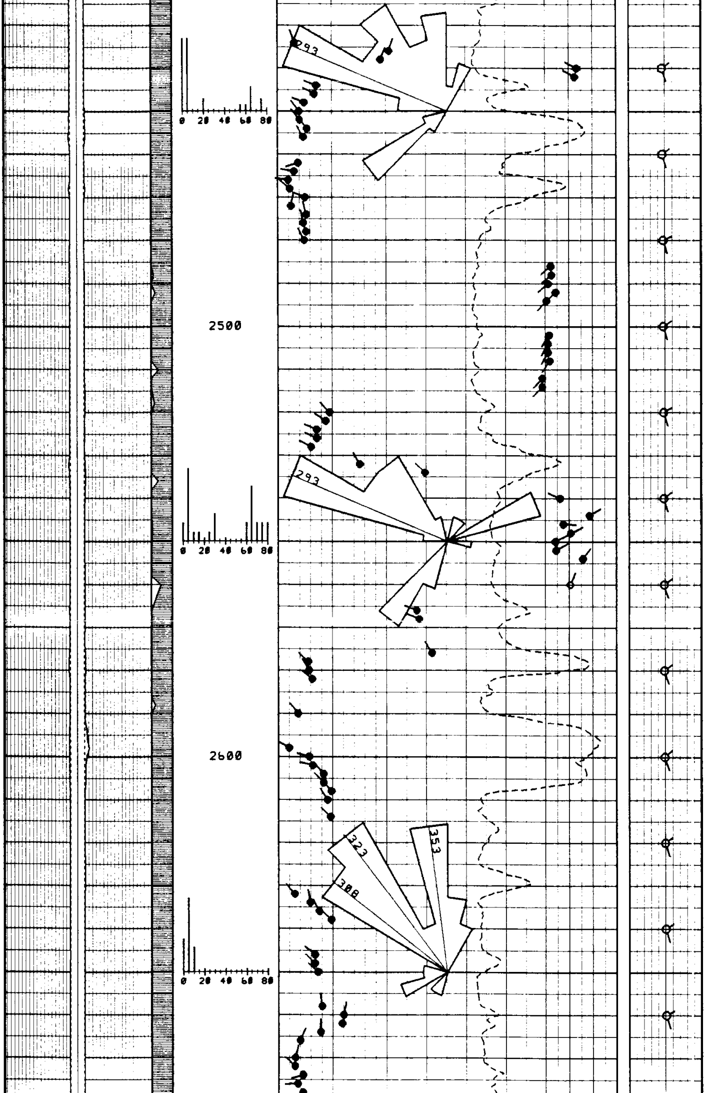
SEARCH LENGTH= 48"

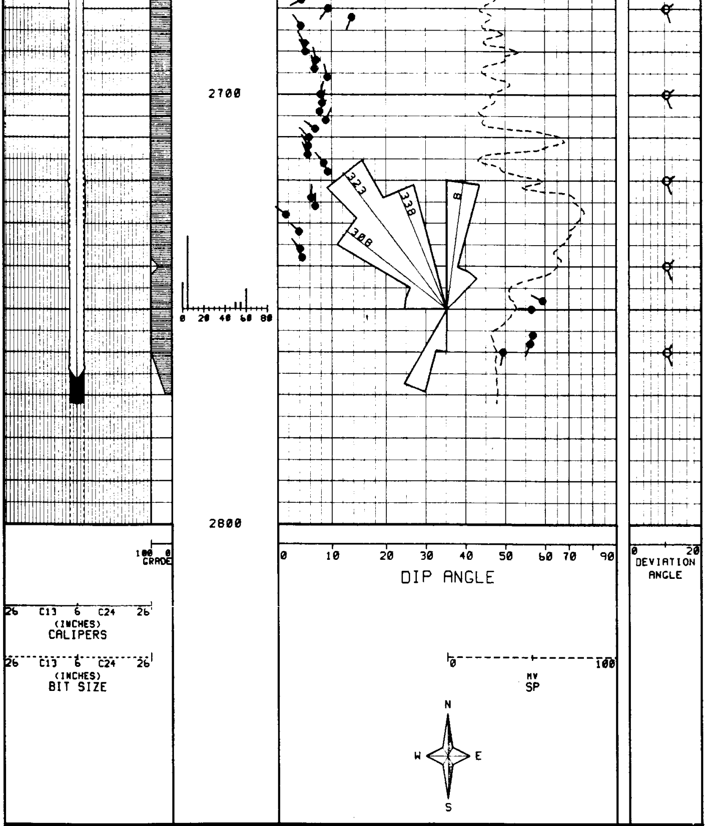












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Western Atlas International
A Litton Dresser Company

Atlas Wireline Services