Western Atlas International
A Litton/Dresser Company
Atlas Wireline Services

Computed
4-ARM Diplog

FILE NO. HLAC 12684.0
API NO.

COMPANY ARCO OIL AND GAS COMPANY
WELL LF 32-20-65 R
FIELD MIST
COUNTY COLUMBIA STATE OREGON

LOCATION:
1561'S and 1334'W from the NE CORNER OF
SEC 20 TWP 6 N RGE 5 W

Other Services
DIFL-AC-GR-CAL

Permanent Datum GL Elev. 1023.0
Log Measured from KB , 10 Ft Above Permanent Datum
Drilling Measured from KB

Elev
KB 1033.0
DF
GL 1023.0

Date	8-11-88							
Run No.	1							
Service Order	159038							
Depth - Driller	3230 0							
Depth - Logger	3227.0							
Bottom Logged Interval	3225.0							
Top Logged Interval	1550 0							
Casing - Driller	7.00 @ 1573		@		@		@	
Casing - Logger	1533.0							
Bit Size	6.250							
Type Fluid in Hole	E Z MUD							
Density and Viscosity	10.9	40.0						
pH and Fluid Loss	9.5	4.8cc		cc		cc		cc
Source of Sample	FLOW							
Rm @ Meas. Temp.	2.470 @	80 F	@	F	@	F	@	F
Rmf @ Meas. Temp.	1.530 @	80 F	@	F	@	F	@	F
Rmc @ Meas. Temp.	3.050 @	80 F	@	F	@	F	@	F
Source of Rmf and Rmc	MEAS	MEAS						
Rm @ BHT	1.800 @	110 F	@	F	@	F	@	F
Time Since Circ.	2.00							
Max. Rec. Temperature	110 F			F		F		F
.and Location	6406	SAC						
By:	B. WELCH							
By:	J. H. THOMPSON							

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 7: 1550 to 2999 - Search Length-6" Window Length-8' Step Length=2'
Interval Processed - File 6: 2999 to 3230 - Search Length-6" Window Length-8' Step Length=2'

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:	G. AYERS 10/11/88			

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 ●——

BIT SIZE
(INCHES)
14 C13 4 C24 14

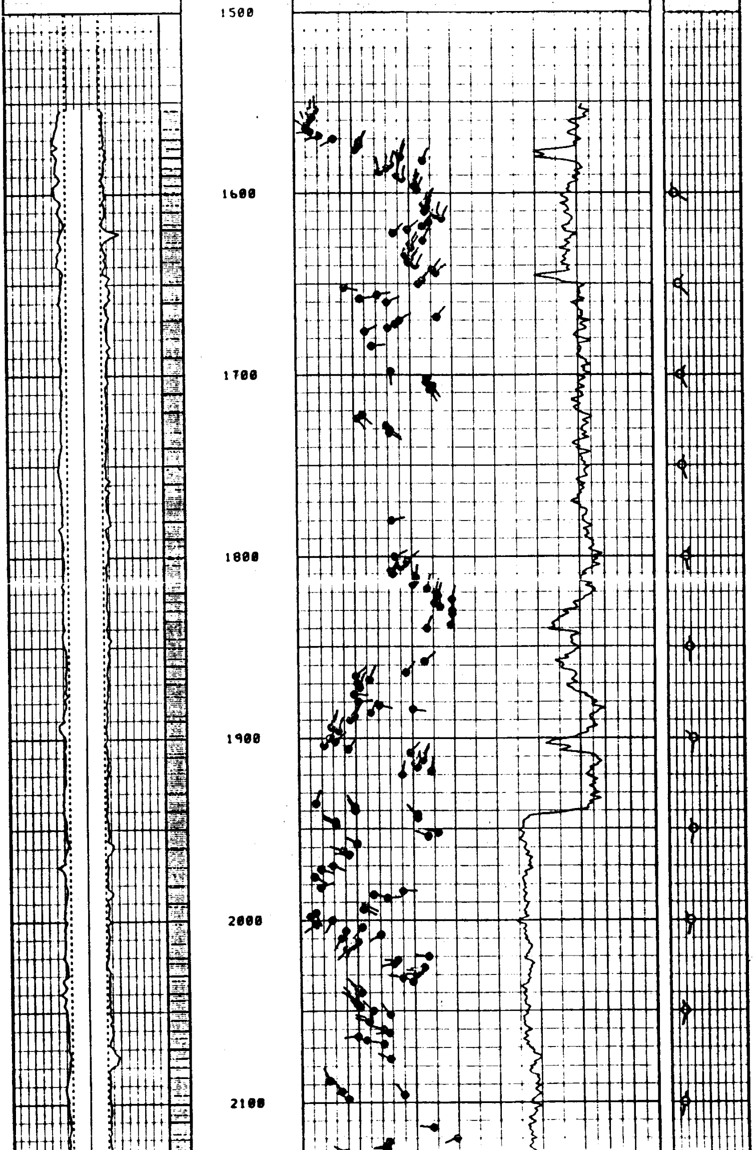
CALIPERS
(INCHES)
14 C13 4 C24 14

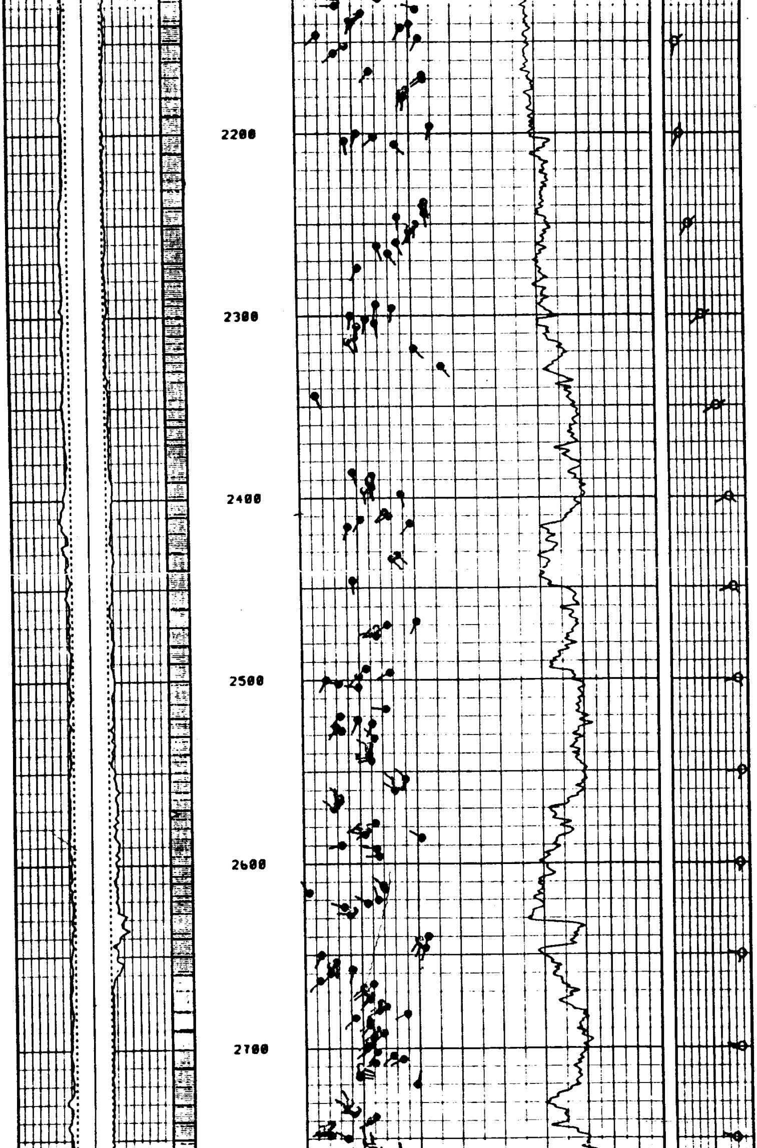
GRADE
100 0

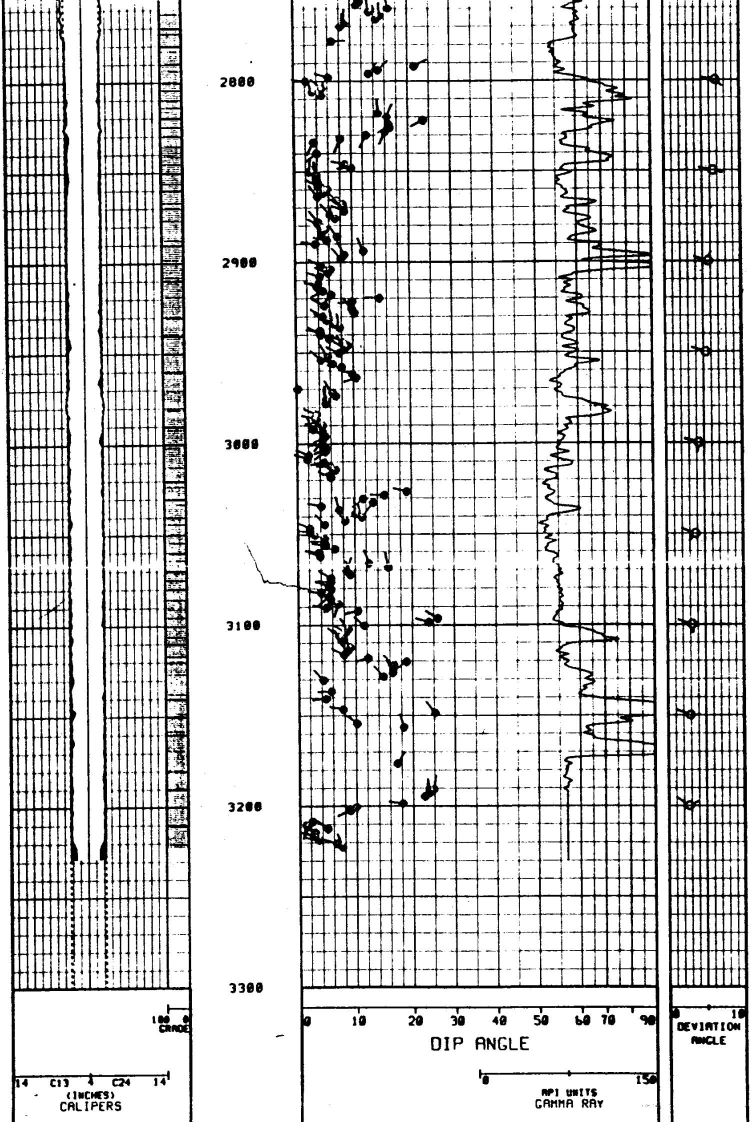
GAMMA RAY
API UNITS
0 150

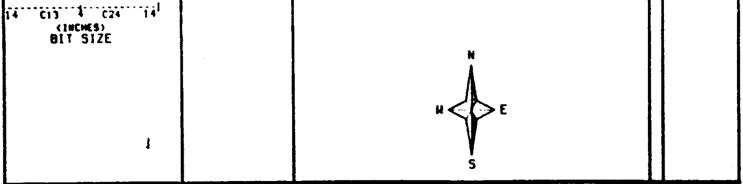
DIP ANGLE
0 10 20 30 40 50 60 70 90

DEVIATION ANGLE
0 10

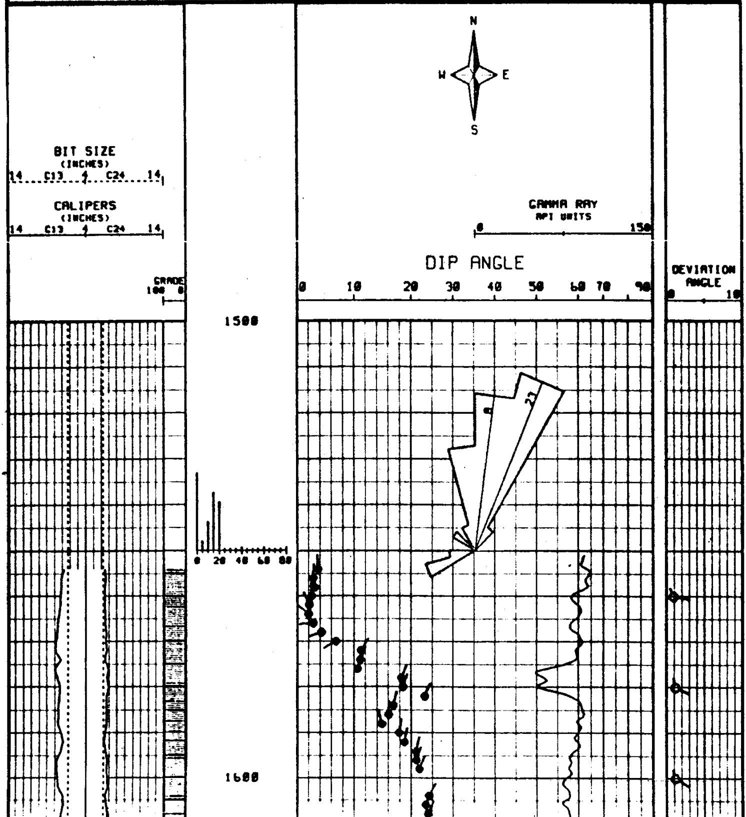


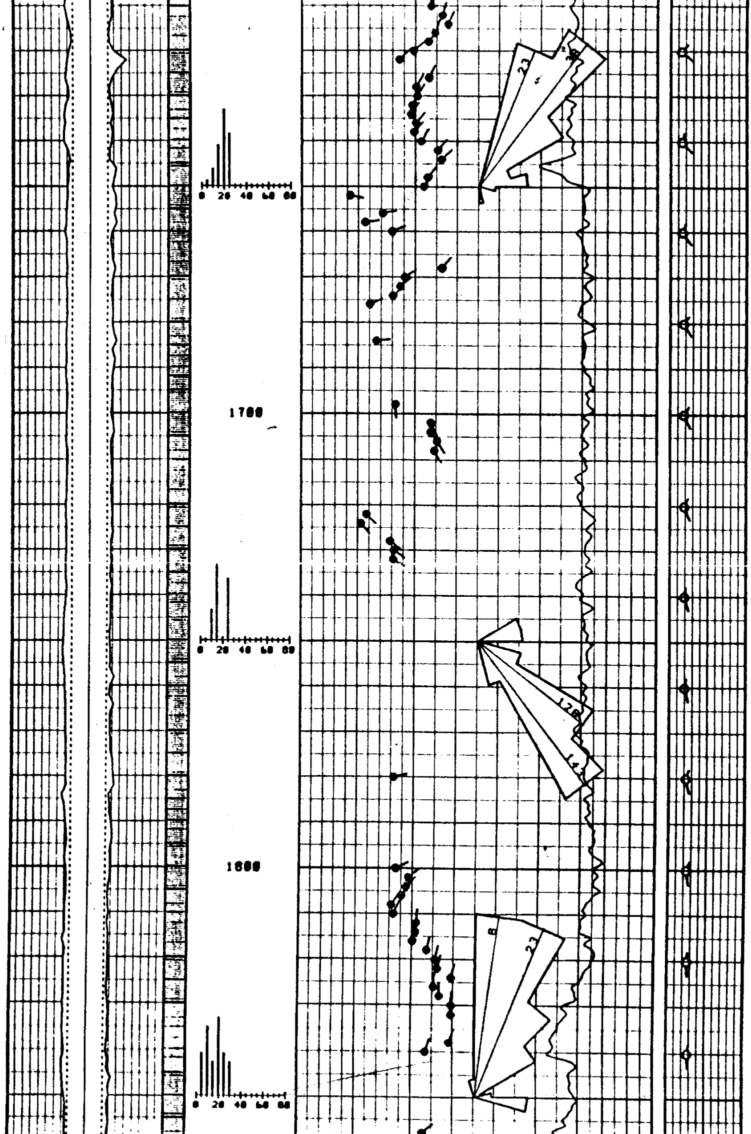


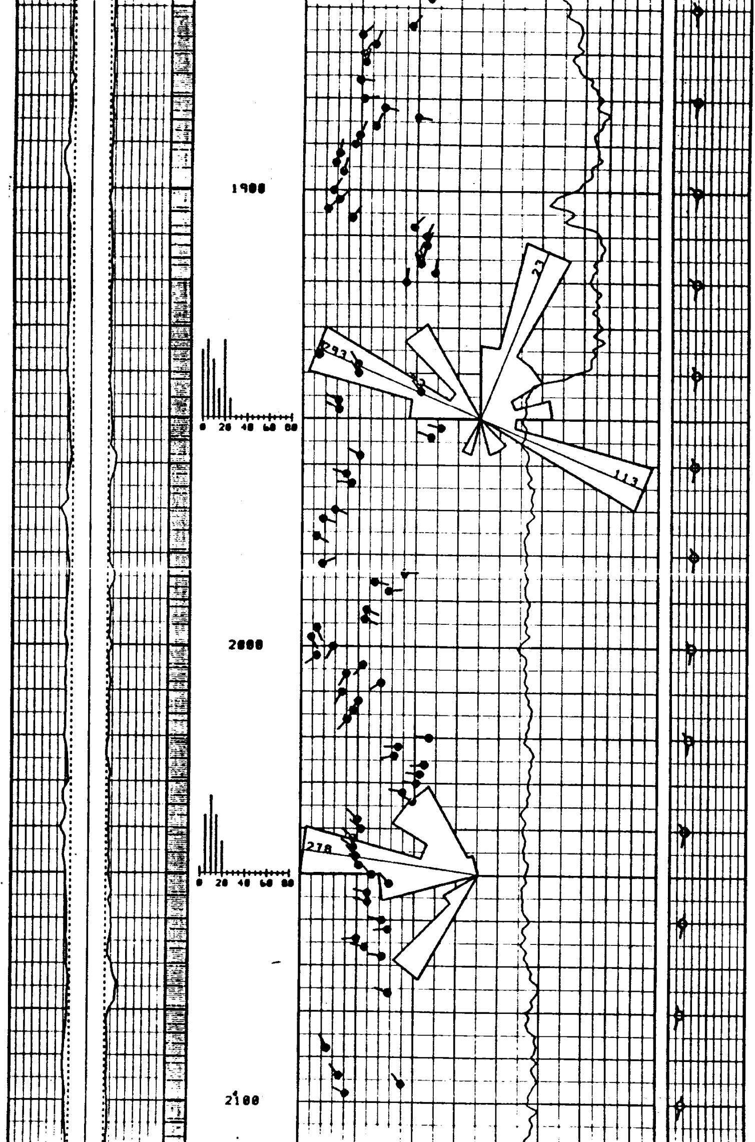


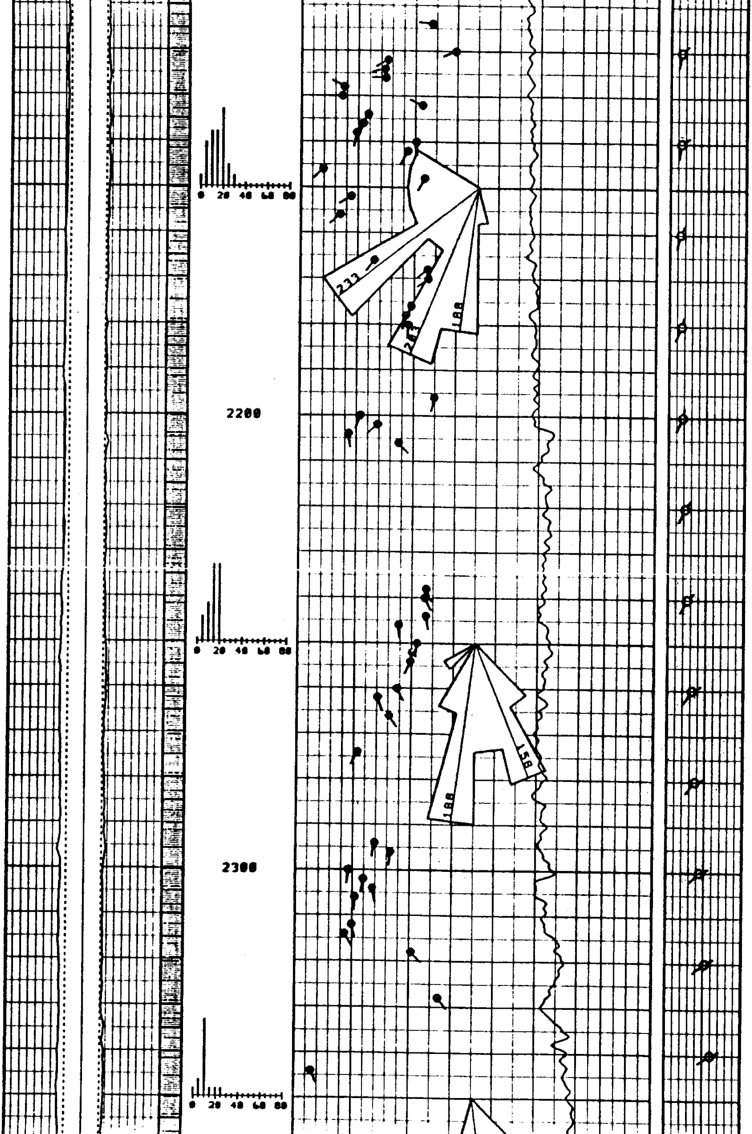


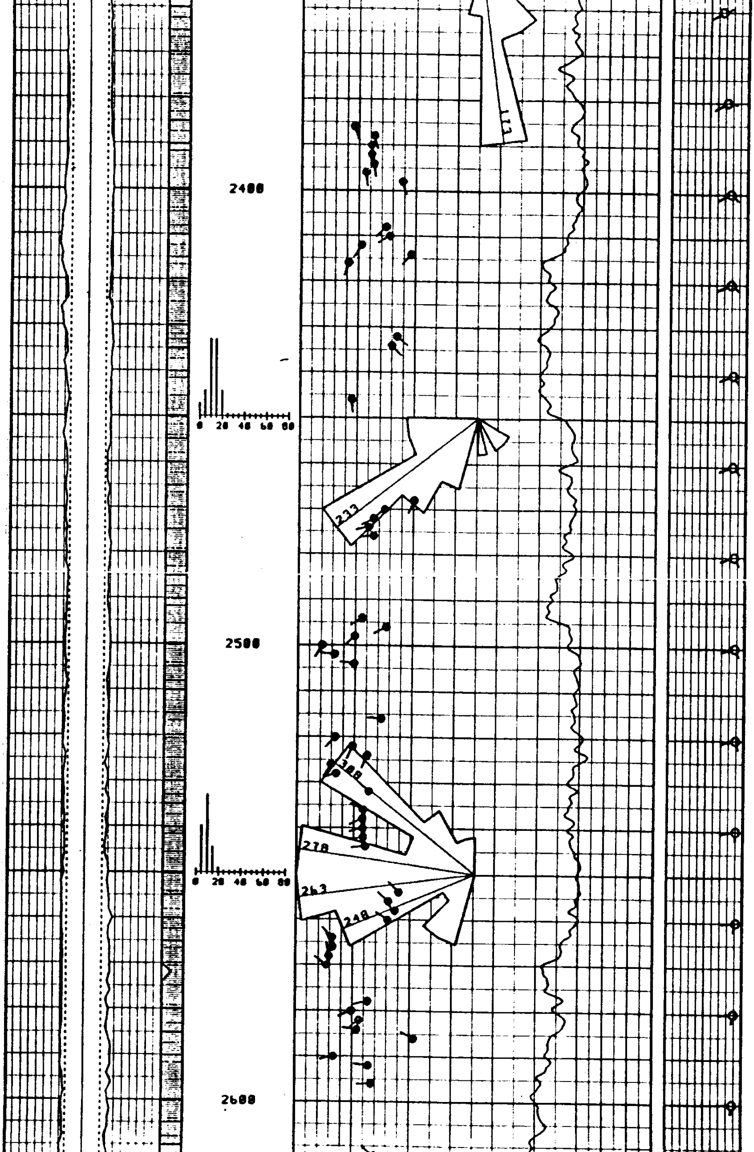
Company	ARCO OIL AND GAS COMPANY	Drillers T.D.	3230.0
Well	LF 32-20-65 R	Log F.R.	3225.0
Field	MIST	Log T.D.	3227.0
County	COLUMBIA	Elevations	
State	OREGON	K.B. 1033.0 DF.	G.L. 1023.0

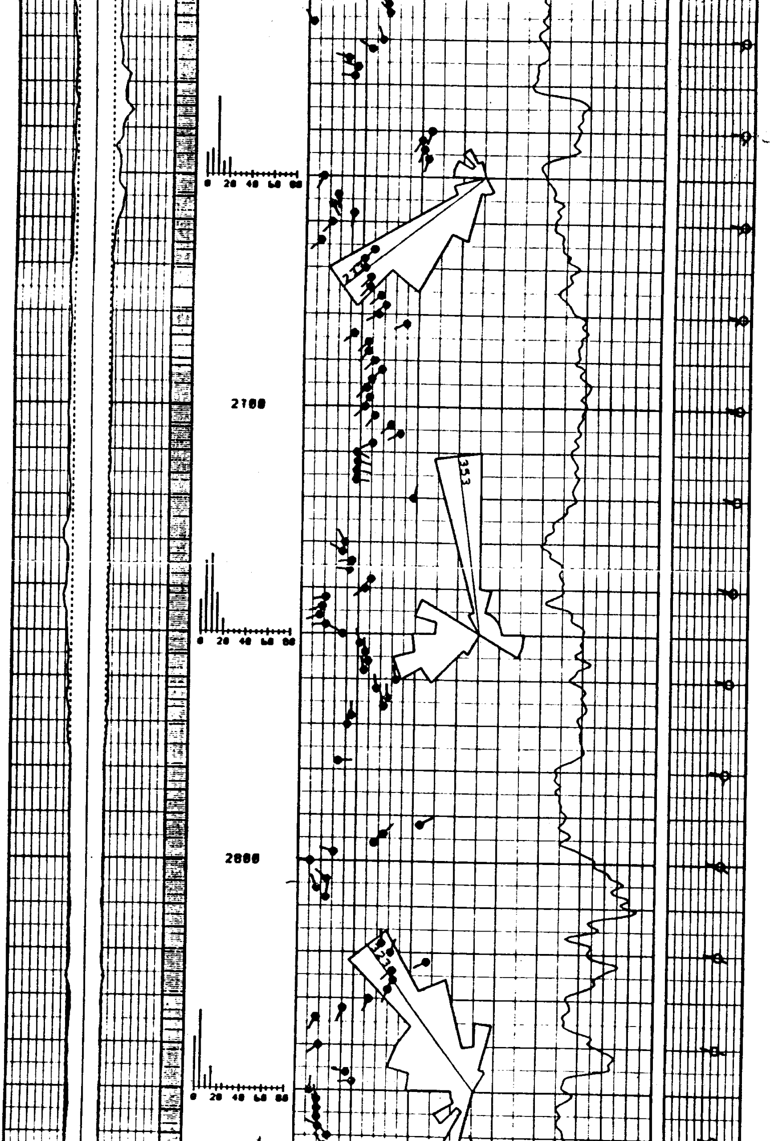


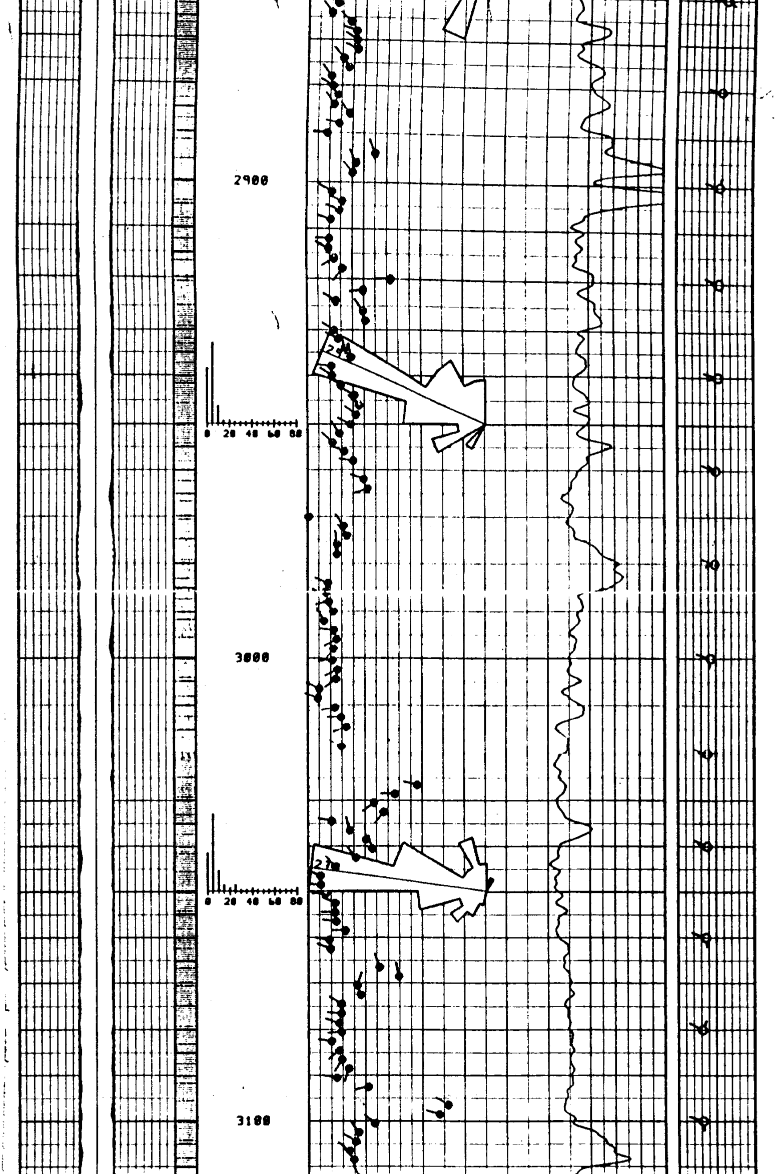


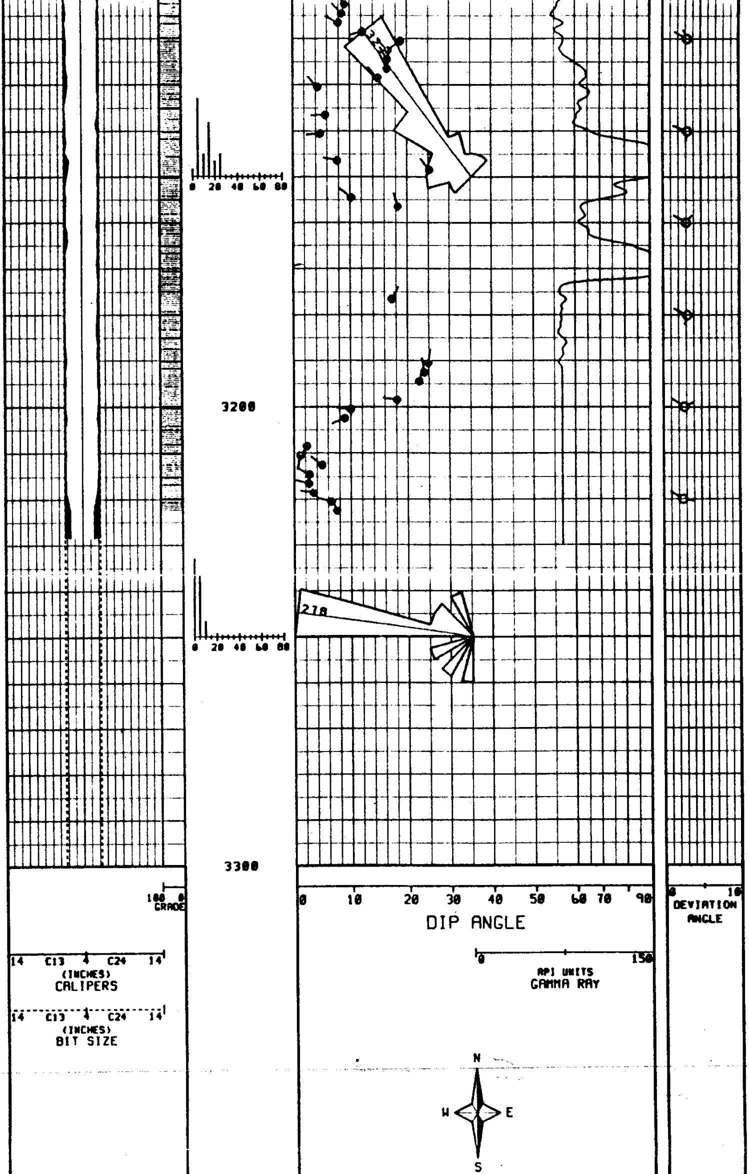












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