Western Atlas International
Atlas Wireline Services

Computed 4-ARM Diplog

FILE NO. HLAC 12882.0
API NO.

COMPANY ARCO OIL & GAS COMPANY
WELL LF 24-8-35
FIELD MIST
COUNTY COLUMBIA STATE OREGON

LOCATION:
1195′ N & 93′ W FROM
THE SE CORNER
SEC 8 TWP 7 N RGE 5 W

Other Services

Permanent Datum GL Elev. 731.0
Log Measured from KB , 10 Ft Above Permanent Datum
Drilling Measured from KB

Elev.
KB 741.0
DF
GL 731.0

Date	10-26-88			
Run No.	1			
Service Order	159114			
Depth - Driller	2814.0			
Depth - Logger	2810.0			
Bottom Logged Interval	2808.0			
Top Logged Interval	854.0			
Casing - Driller	9.63 @ 854	@	@	@
Casing - Logger	854.0			
Bit Size	8.500			
Type Fluid In Hole	EZ-MUD			
Density and Viscosity	10.0 48.0			
pH and Fluid Loss	9.0 5.2cc	cc	cc	cc
Source of Sample	FLOW			
Rm @ Meas. Temp.	2.740 @ 71 F	@ F	@ F	@ F
Rmf @ Meas. Temp.	2.230 @ 71 F	@ F	@ F	@ F
Rmc @ Meas. Temp.	3.200 @ 71 F	@ F	@ F	@ F
Source of Rmf and Rmc	MEAS MEAS			
Rm @ BHT	1.740 @ 112 F	@ F	@ F	@ F
Time Since Circ.				
Max. Rec. Temperature	112 F	F	F	F
Equip. No. and Location	6406 SAC			
Recorded By:	B. WELCH			
Witnessed By:	MR. JACKSON			

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 3: 858 to 2723 - Search Length=8" 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.				
Analyst	MACZKO 11/1/88			

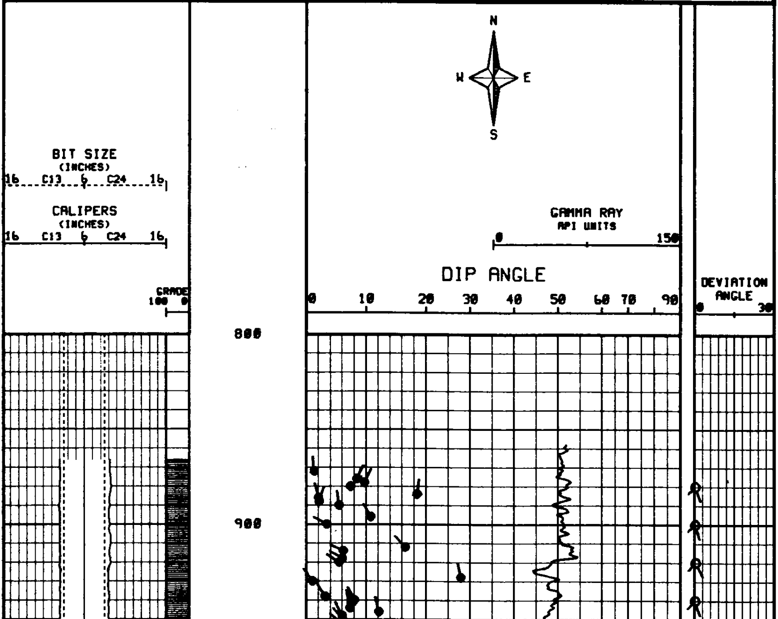
MAGNETIC DECLINATION 21 EAST

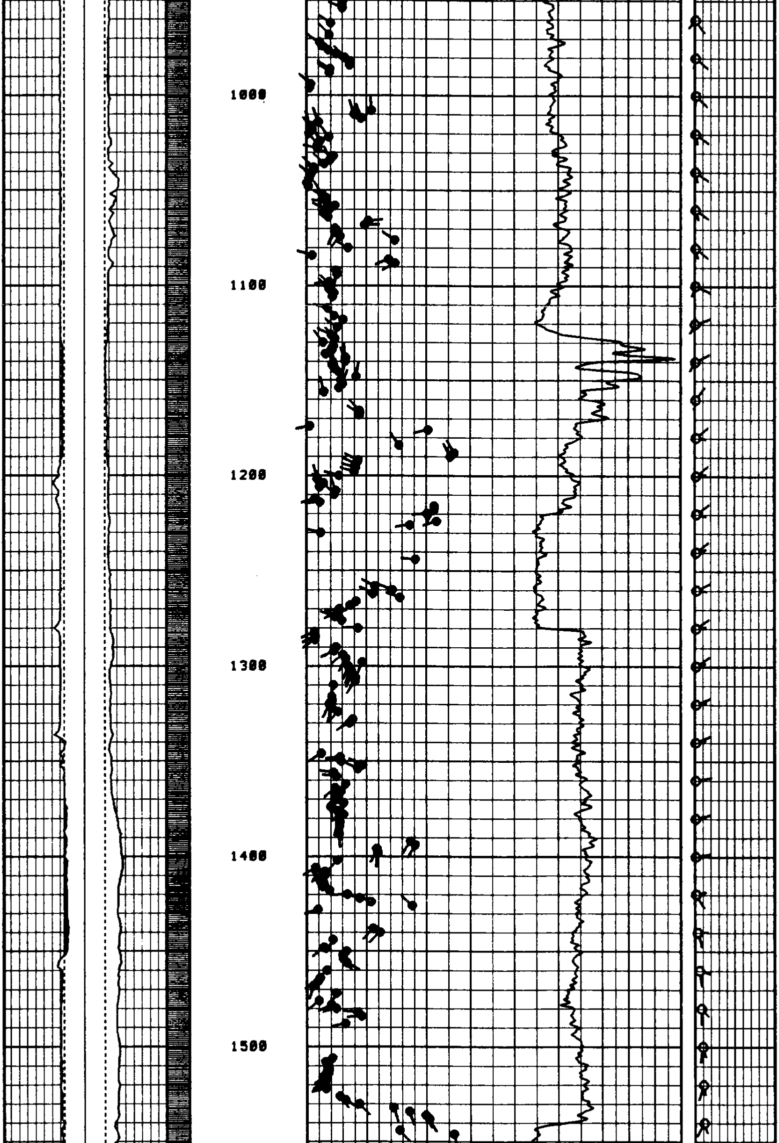
VERTICAL DISPLACEMENT FOR VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

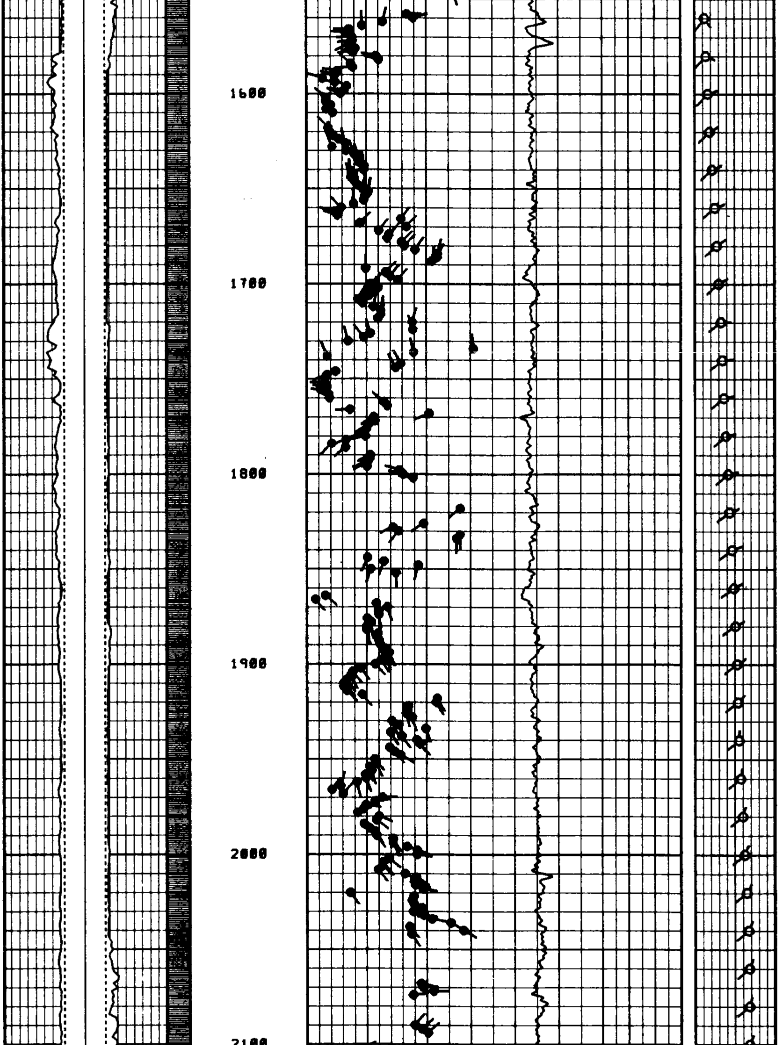
DIP in degrees	100	1000	5280	DIP in degrees	100	1000	5280
1	1.75	17.5	92.2	19	34.4	344	1818
2	3.50	35.0	184.0	20	36.4	364	1922
3	5.20	52.0	277.0	21	38.4	384	2022
4	7.00	70.0	369.0	22	40.4	404	2133
5	8.80	88.0	462.0	23	42.5	425	2241
6	10.50	105.0	555.0	24	44.5	445	2351
7	12.30	123.0	648.0	25	46.6	466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

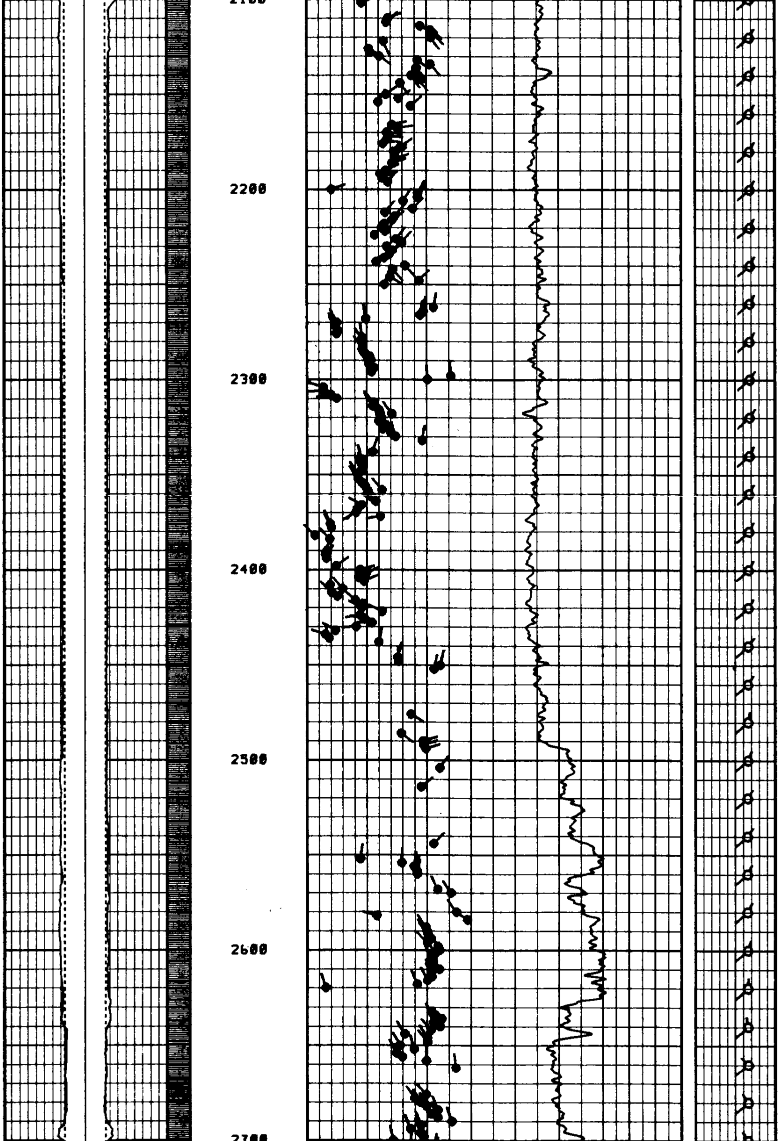
GRAPHIC PRESENTATION

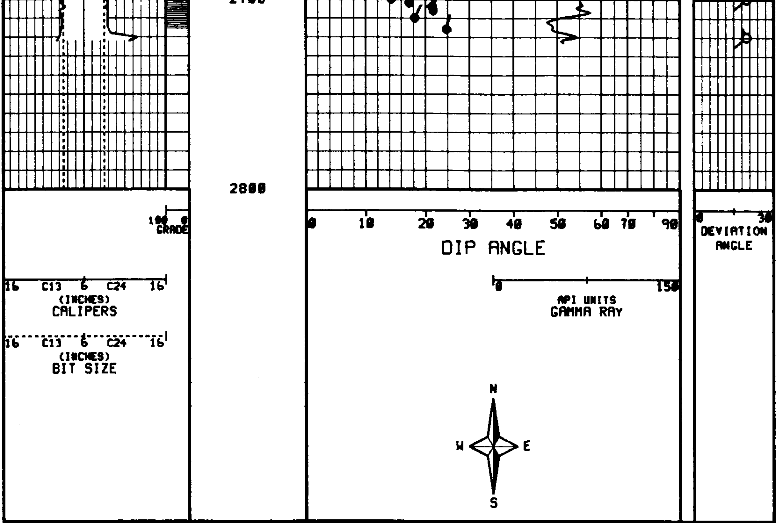
FAIR ○— EXCELLENT ●—











Company ARCO OIL & GAS COMPANY

Well LF 24-8-85

Field MIST

County COLUMBIA

State OREGON

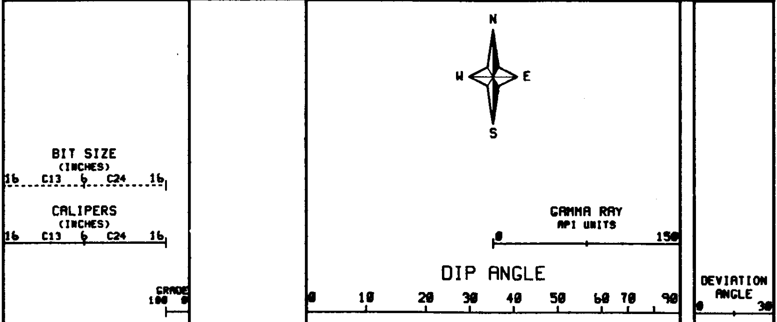
Drillers T.D. 2814.0

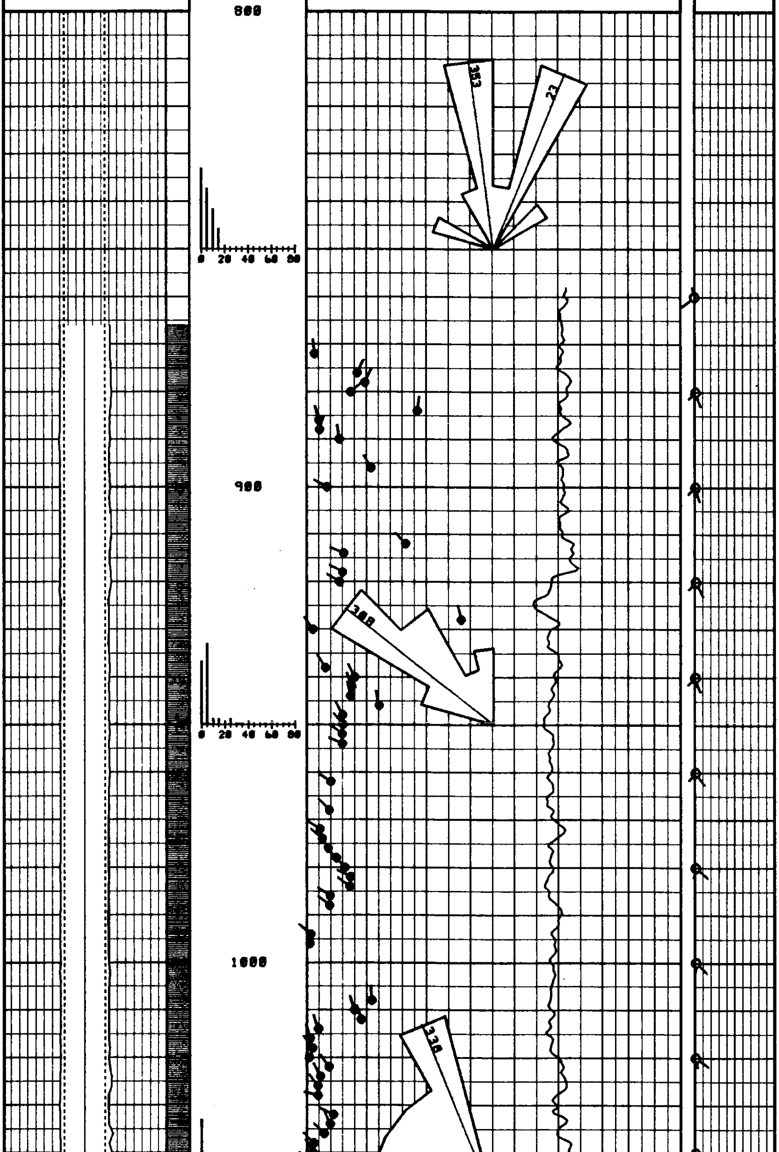
Log F.R. 2808.0

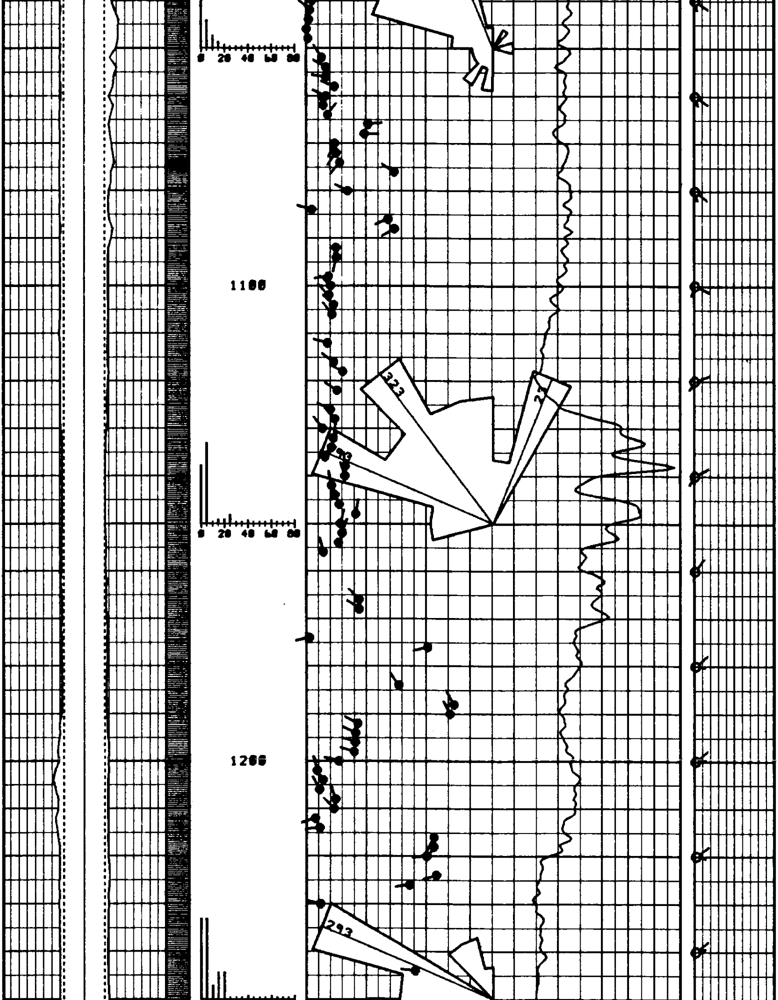
Log T.D. 2810.0

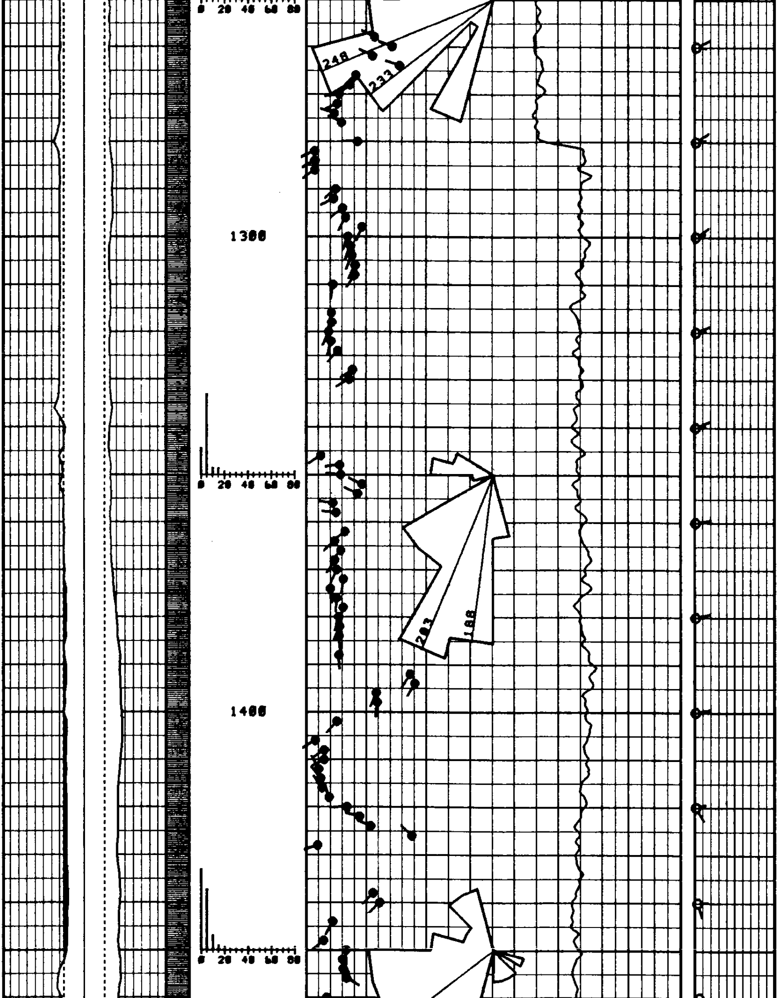
Elevations

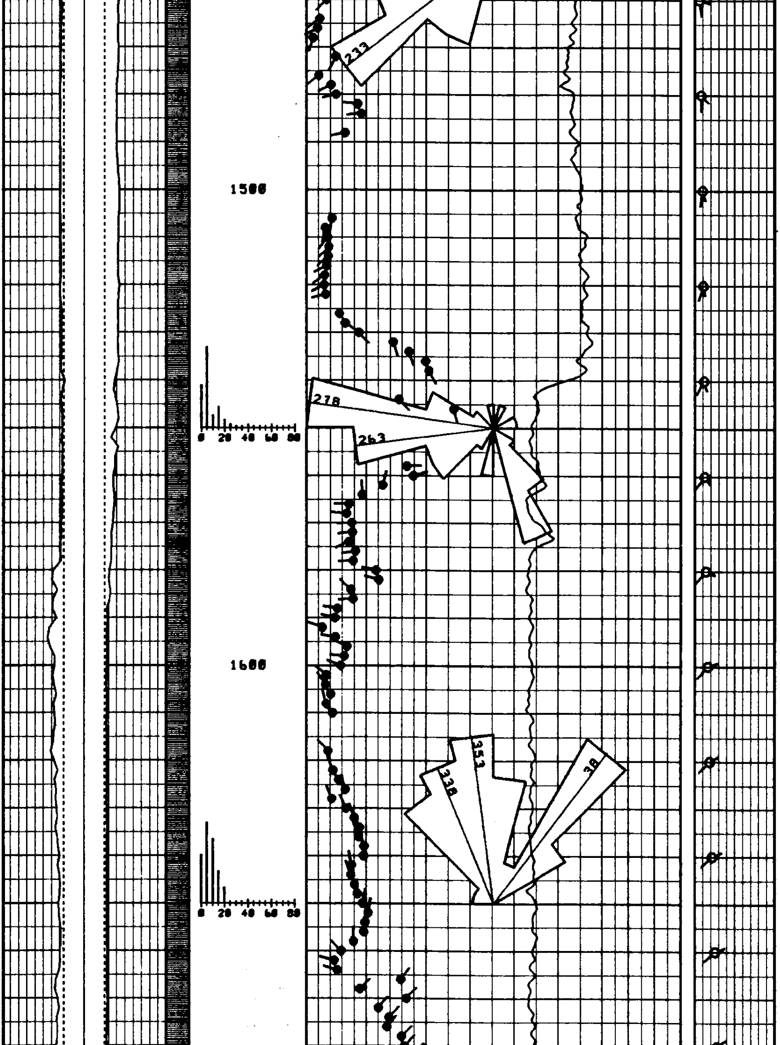
K.B. 741.0 **DF.** **G.L.** 731.0

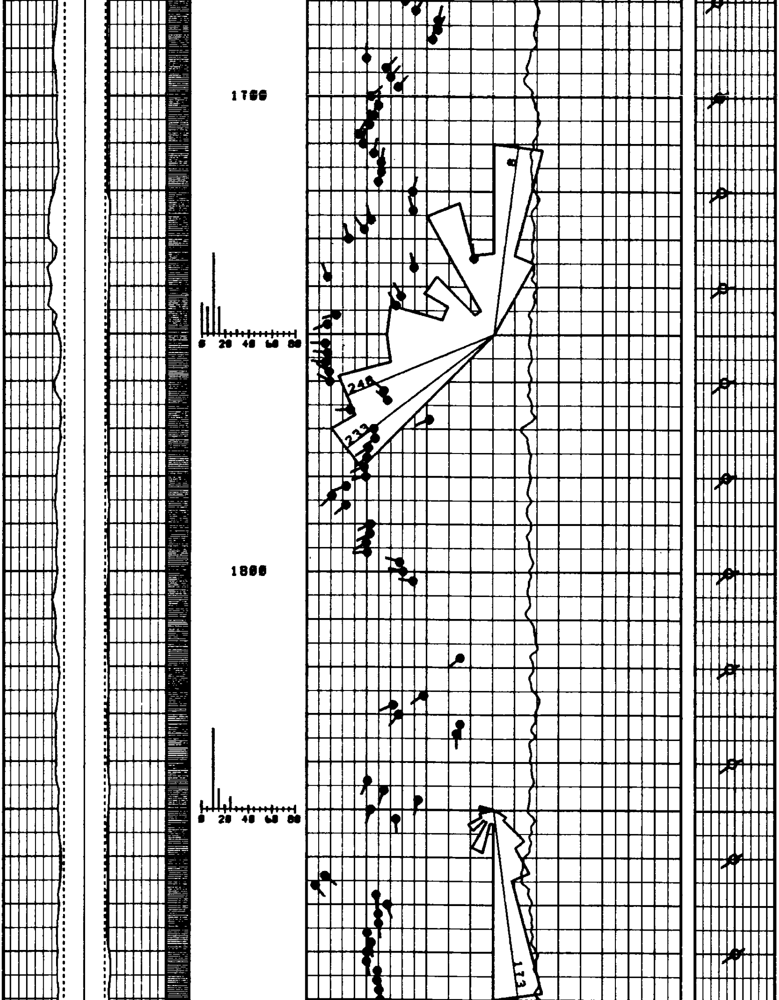


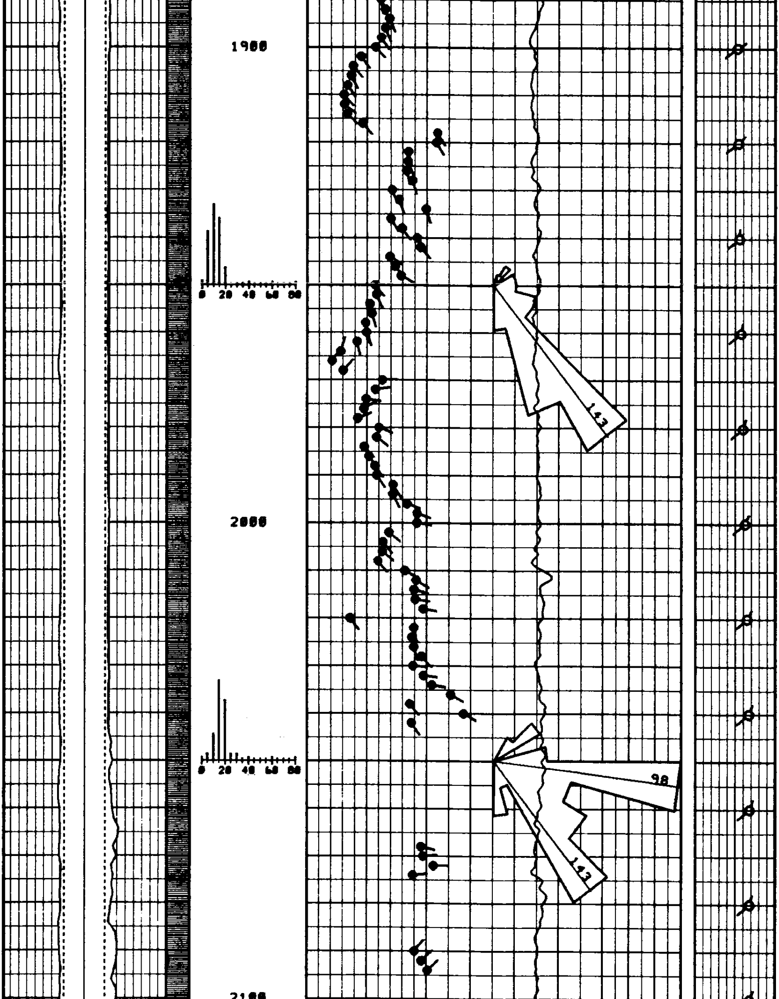


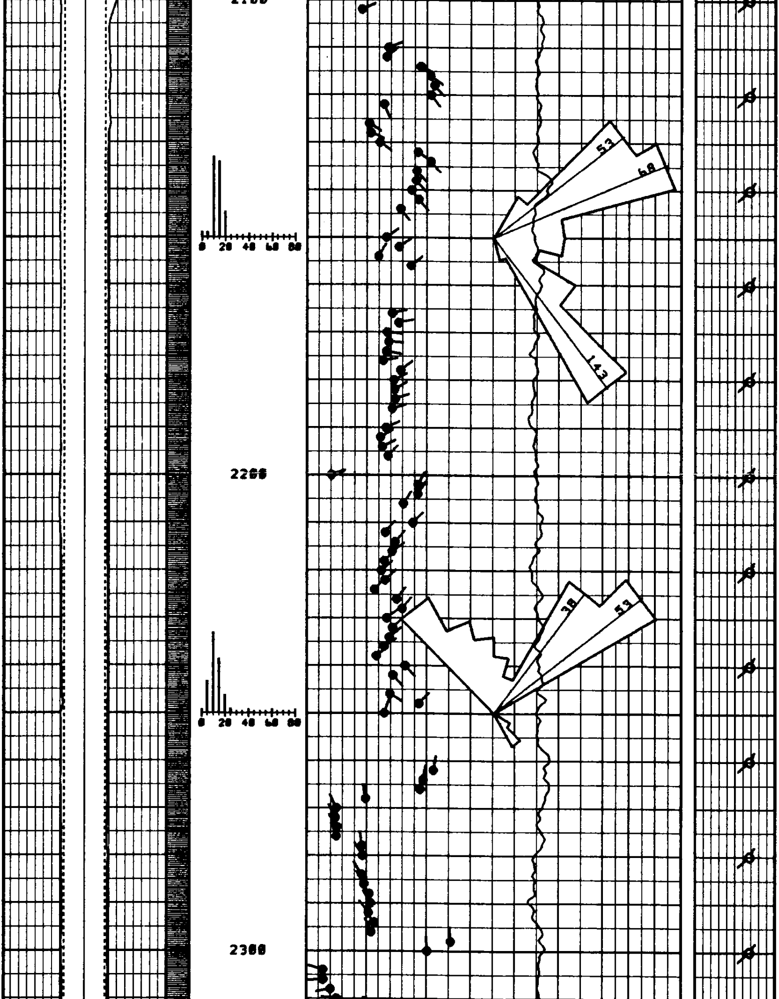


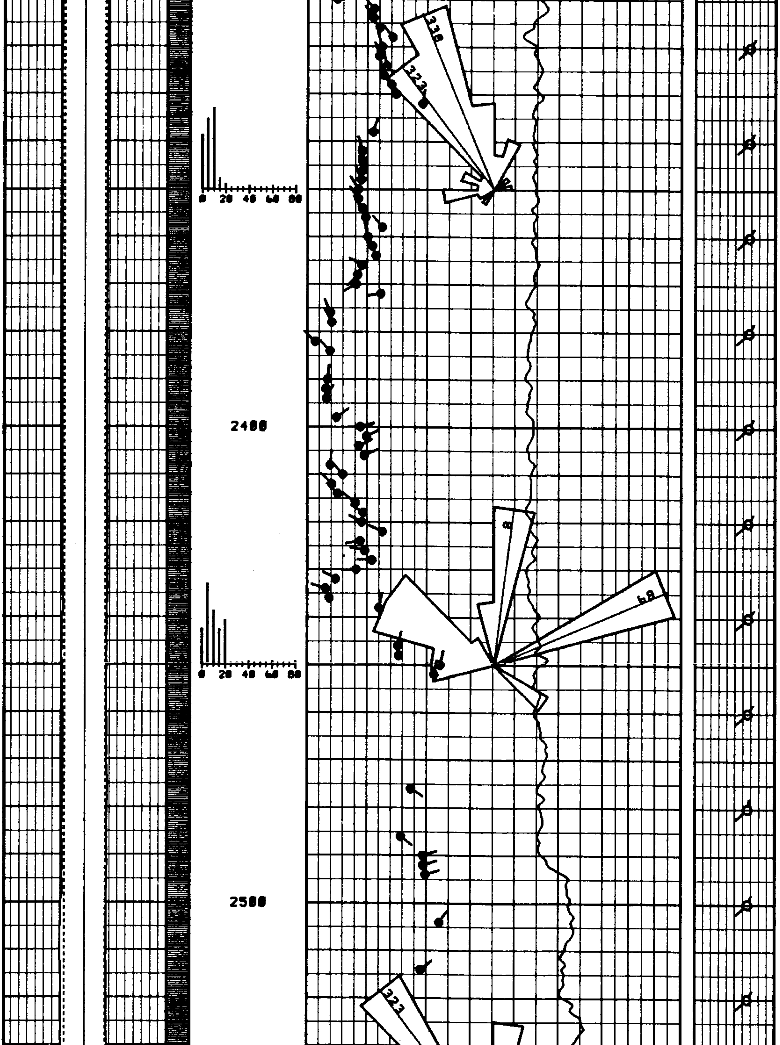


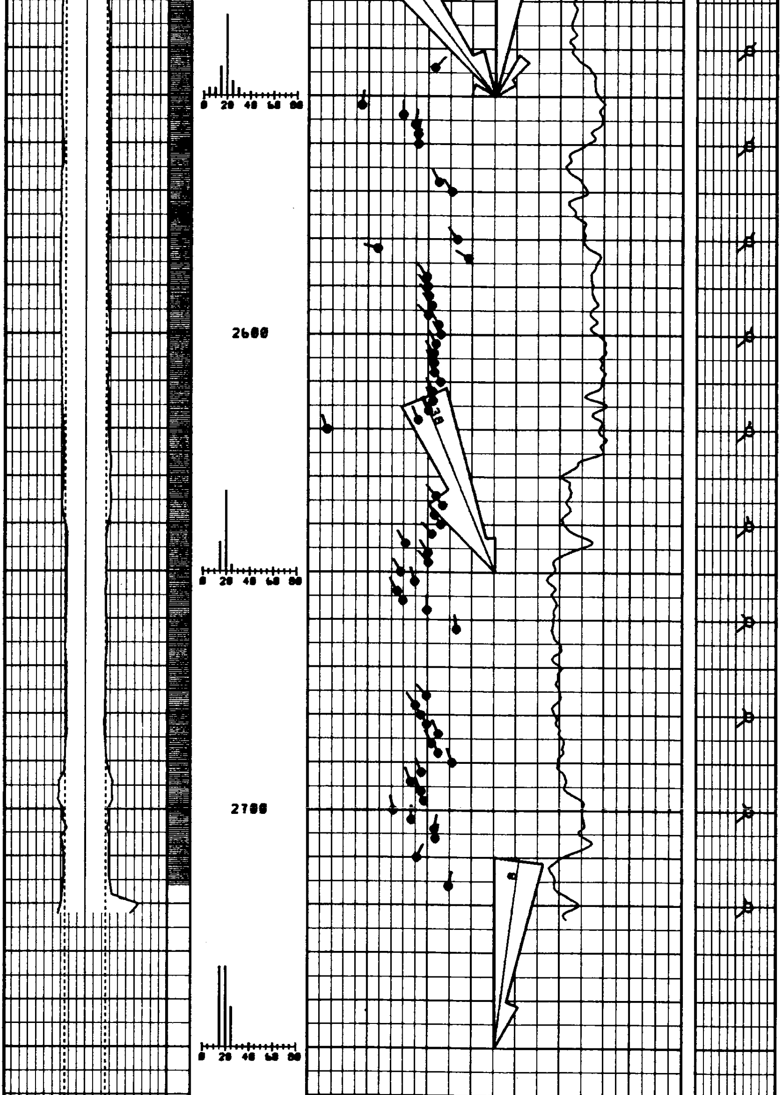


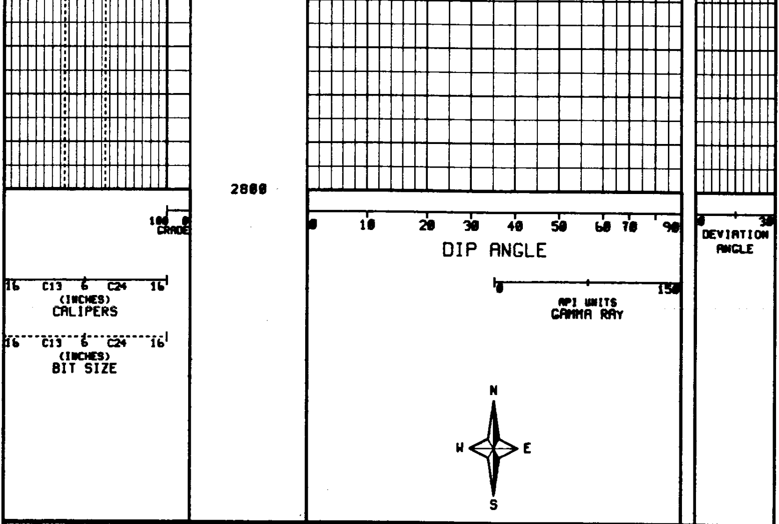












Company	ARCO OIL & GAS COMPANY	Drillers T.D.	2814.0
Well	LF 24-8-85	Log F.R.	2800.0
Field	MIST	Log T.D.	2810.0
County	COLUMBIA	Elevations	
State	OREGON	K.B. 741.0 DF. G.L. 731.0	

Western Atlas International

Atlas Wireline Services