Schlumberger

COMPUTER PROCESSED LOG

COMPANY DIAMOND SHAMROCK
WELL CROWN ZELLERBACH # 11-28
FIELD SEASIDE
COUNTY CLATSOP STATE OREGON
LOCATION 1151' FNL & 1143 FWL OF SEC 14-7N-7W
ELEVATION KB 618 DF — GL 609 API NO.

Schlumberger Cyberdip

WELLSITE COMPUTATION

A CSU* Service

Date	6/16/81			
Run No.	ONE			
Depth—Driller	5700			
Depth—Logger	5620			
Btm. Log Interval	5620			
Top Log Interval	1010			
Casing—Driller	9 3/8 @ 1011	@	@	@
Casing Logger	1010			
Bit Size	8 3/4"			
Type Fluid in Hole	GEL/LIGNO			
Dens. Visc.	9.9 45			
pH Fluid Loss	9.5 2.4 ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	.91 @ 90 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.81 @ 68 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.00 @ 80 °F	@ °F	@ °F	@ °F
Source: Rmf Rmc	M M			
Rm @ BHT	.72 @ 114 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	1200			
TIME Logger on Bottom	0100			
Max Rec Temp.	114 °F	°F	°F	°F
Equip. Location	8128 4409			
Recorded By	LINDGREN			
Witnessed By	GUNDERSON			

RECEIVED PTLD
FEB 2 1982
DEPT OF GEOLOGY

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The well name, location and borehole reference data were furnished by the customer.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule. *A mark of Schlumberger.

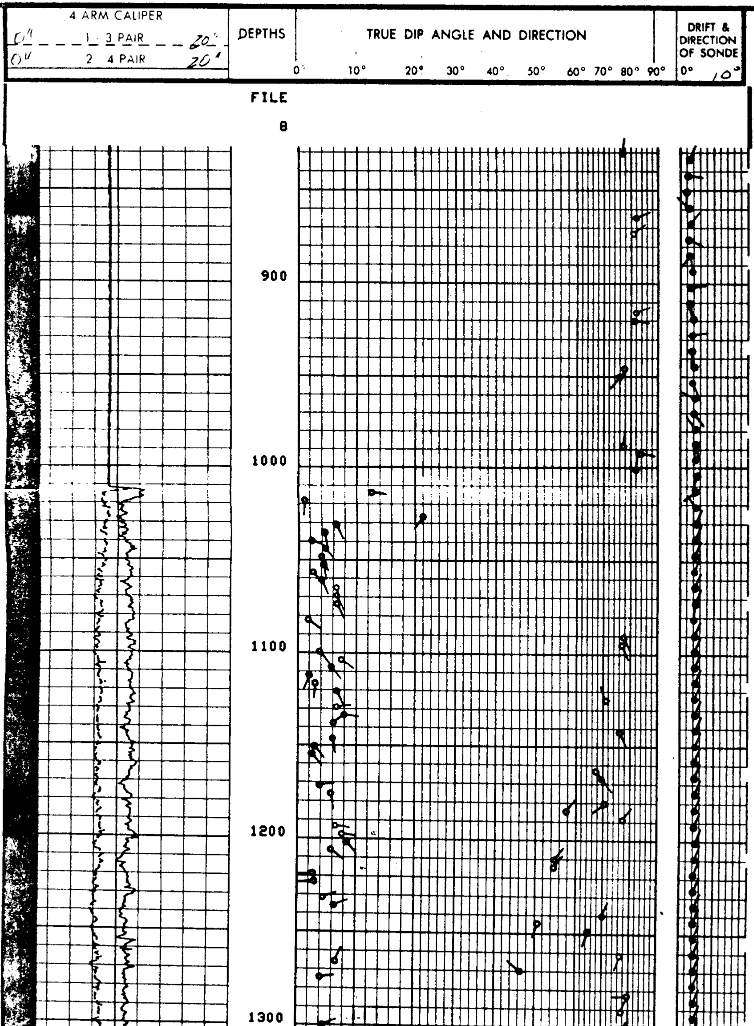
TABLE OF VERTICAL DISPLACEMENT IN FEET CORRESPONDING TO VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

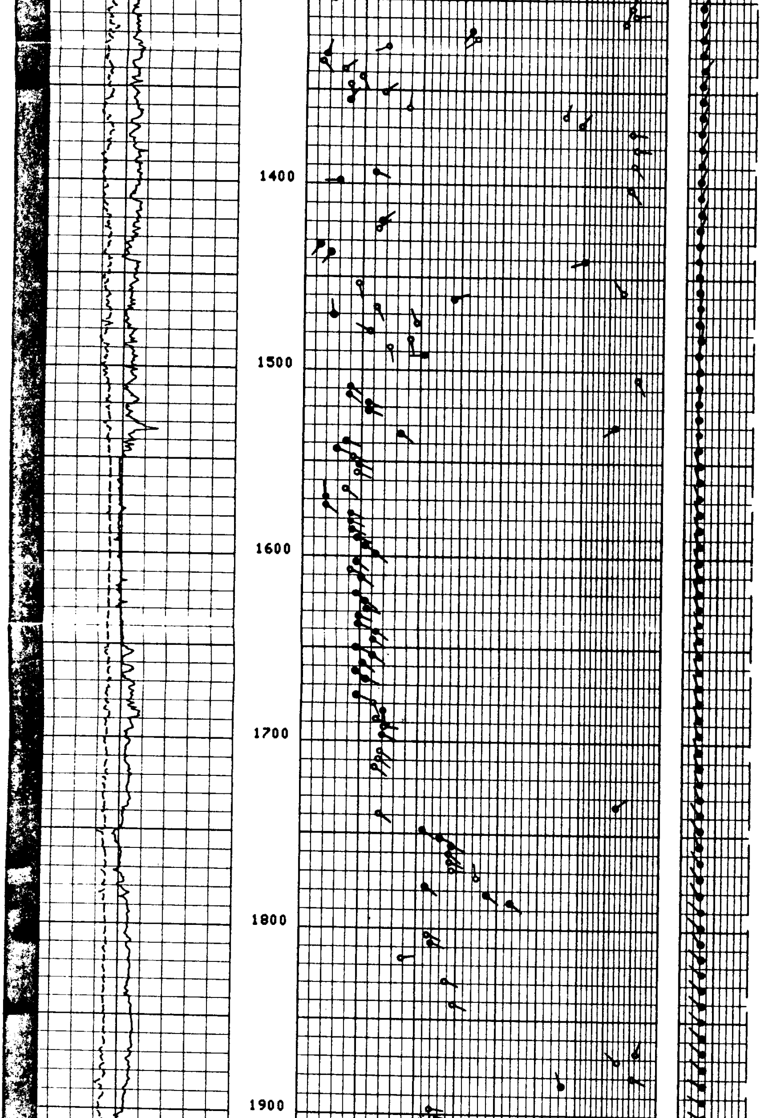
DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')	DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')
1	1.75	17.5	92.2	19	34.4	344.	1818.
2	3.5	35.	184.	20	36.4	364.	1922.
3	5.2	52.	277.	21	38.4	384.	2027.
4	7.0	70.	369.	22	40.4	404.	2133.
5	8.8	88.	462.	23	42.5	425.	2241.
6	10.5	105.	555.	24	44.5	445.	2351.
7	12.3	123.	648.	25	46.6	466.	2462.
8	14.1	141.	742.	30	57.7	577.	3048.
9	15.8	158.	836.	35	70.0	700.	3697.
10	17.6	176.	931.	40	83.9	839.	4430.
11	19.4	194.	1026.	45	100.0	1000.	5280.
12	21.3	213.	1122.	50	119.2	1192.	6293.
13	23.1	231.	1219.	55	142.8	1428.	7540.
14	24.9	249.	1316.	60	173.2	1732.	9145.
15	26.8	268.	1415.	65	214.4	2144.	11323.
16	28.7	287.	1514.	70	274.8	2748.	14507.
17	30.6	306.	1614.	75	373.2	3732.	19705.
18	32.5	325.	1716.	80	567.1	5671.	29945.

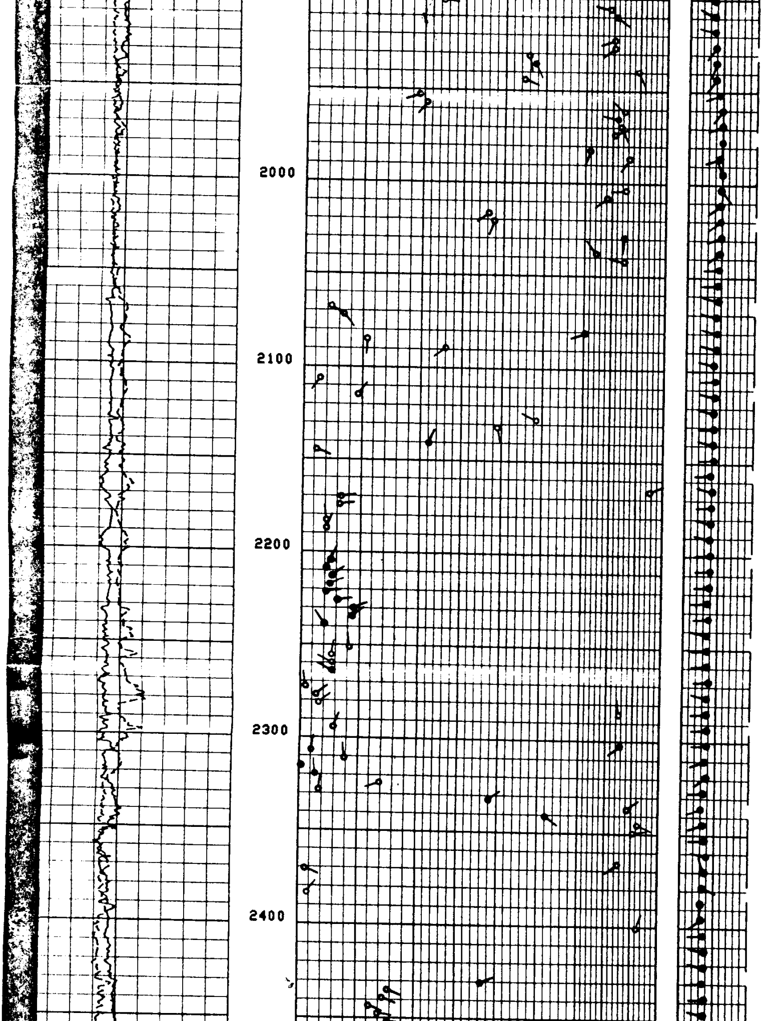
To obtain vertical displacements corresponding to multiples of hundreds feet, thousands of feet or miles, multiply the number found in the table by the number of hundreds, thousands or miles.

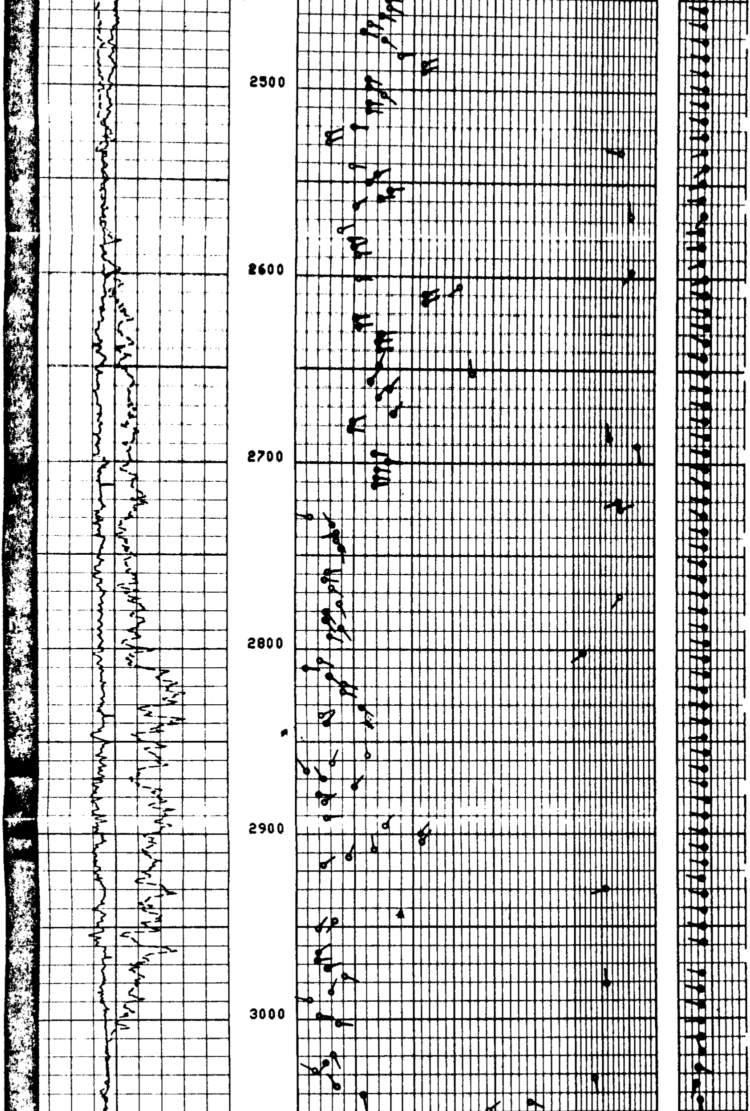
Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore 28.7 x 6.60 189.42, or 189. feet.

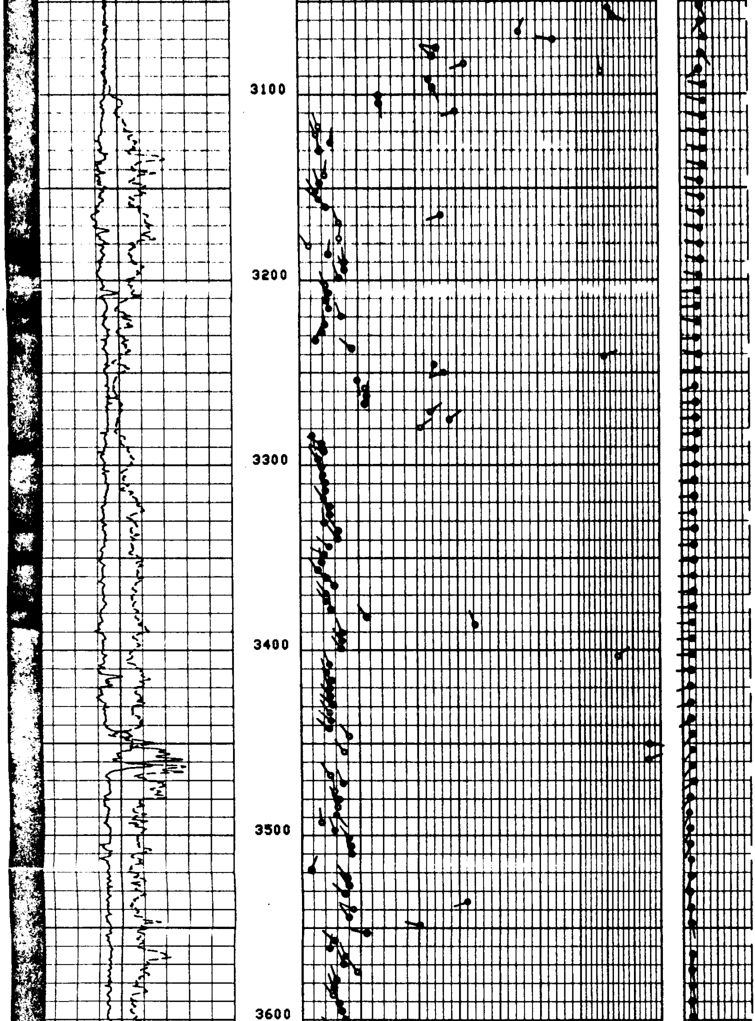
GRAPHIC PRESENTATION

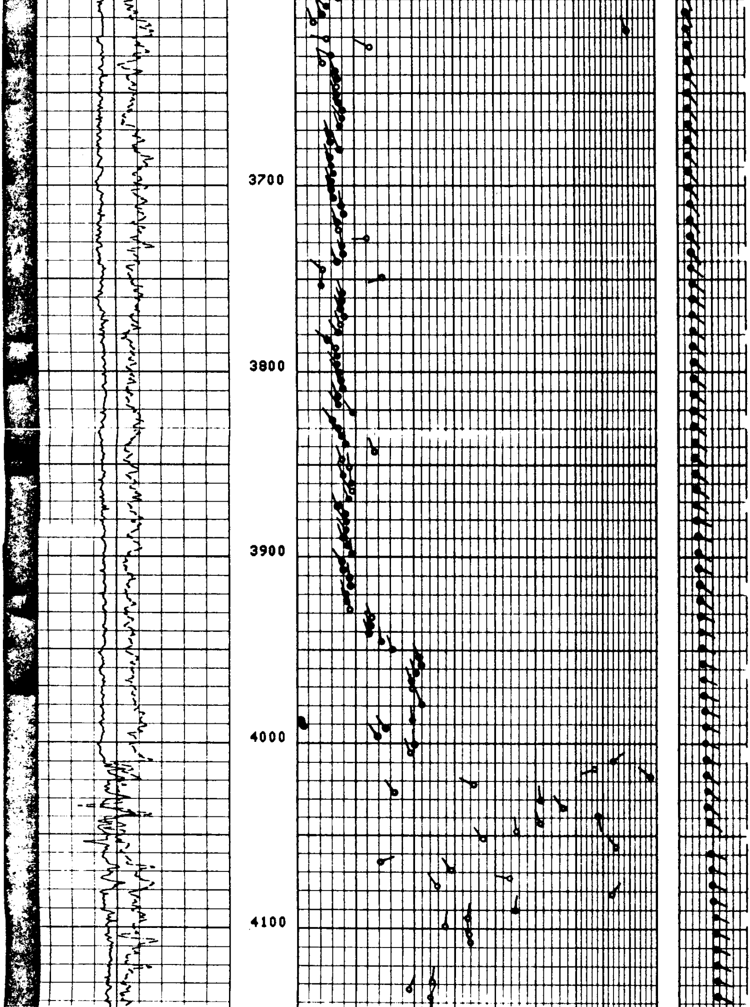


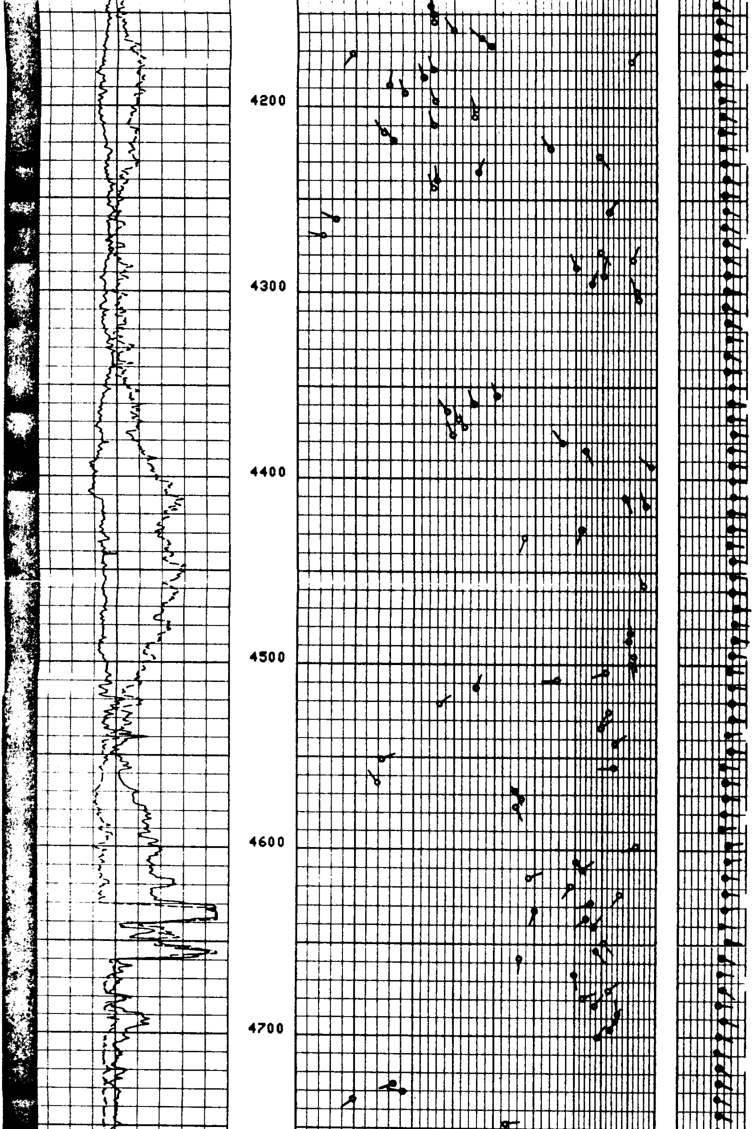


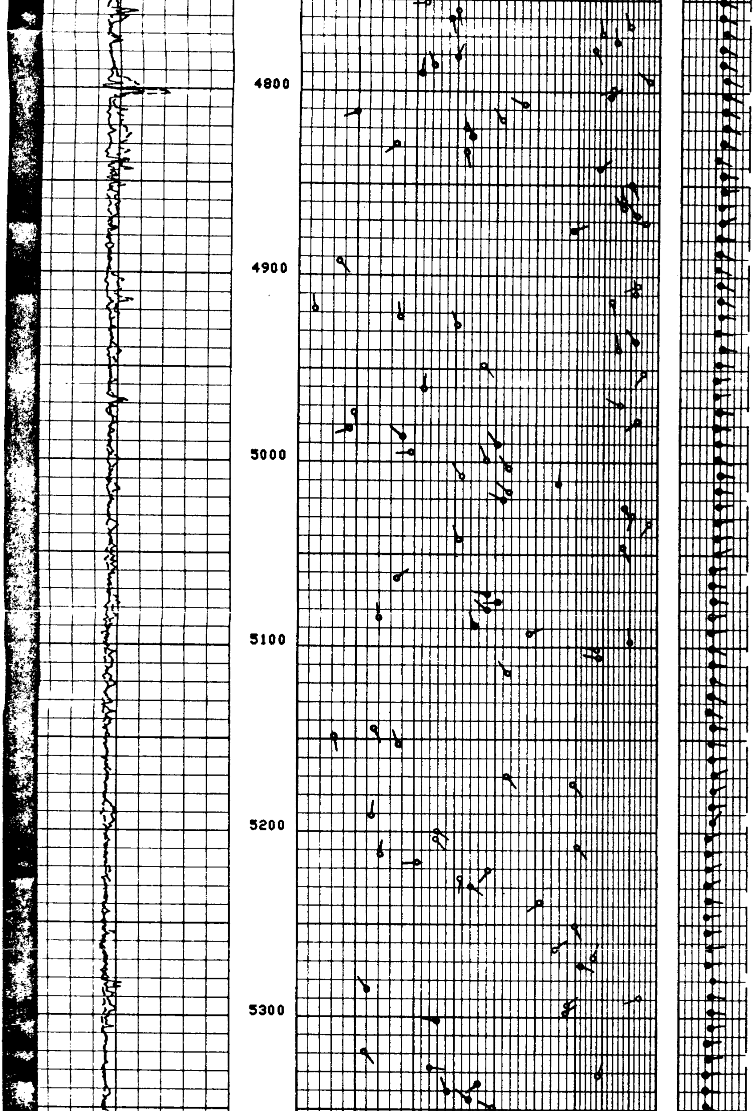


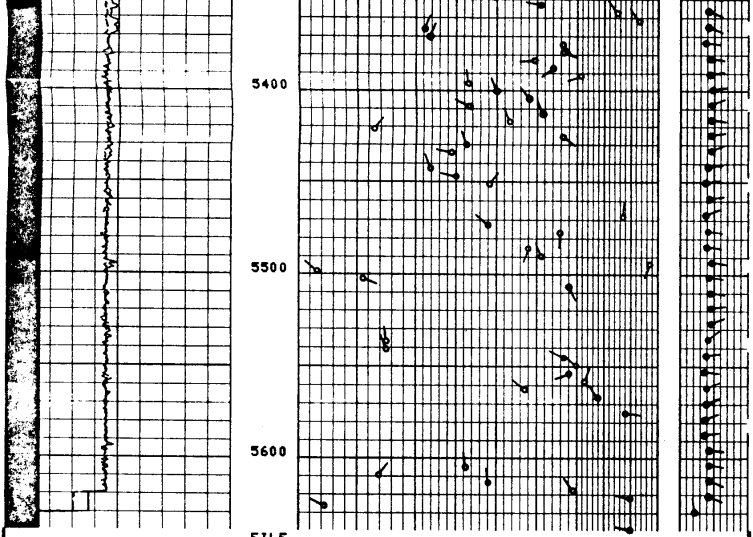












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8