Watzek 30-1

Run 1

Schlumberger

COMPUTER PROCESSED LOG

COMPANY QUINTANA PETROLEUM CORP.
WELL WATZEK #30-1
FIELD WILDCAT
COUNTY CLATSOP STATE OREGON
LOCATION 1769'S & 3935'W of 30-6N-6W
ELEVATION KB 884.3 DF – GL 870.7 API NO.

Schlumberger Cyberdip
WELLSITE COMPUTATION
A CSU* Service

RECEIVED-PTLD
JAN 20 1981
DEPT OF GEOLOGY & MINERAL INDUSTRIES

Date	12/12/80			
Run No.	[✓ one]			
Depth—Driller	6551			
Depth—Logger	6538			
Btm. Log Interval	6537			
Top Log Interval	796			
Casing—Driller	9 5/8 @ 796	@	@	@
Casing Logger	796			
Bit Size	8 3/4			
Type Fluid in Hole	LIGNO			
Dens. | Visc.	11.3 | 60			
pH | Fluid Loss	10.5 | 3 ml	ml	ml	ml
Source of Sample	CIRC			
Rm @ Meas. Temp.	1.12 @ 74 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.84 @ 74 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.1 @ 72 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	m | m			
Rm @ BHT	.68 @ 125 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	10:30			
TIME Logger on Bottom	–			
Max. Rec. Temp.	125 °F	°F	°F	°F
Equip. | Location	8128 | 4408			
Recorded By	SCHEID/SCANLAN			
Witnessed By	SANDERS			

W- 2773

* A MARK OF SCHLUMBERGER

FOLD HERE 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.

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GRAPHIC PRESENTATION

4 ARM CALIPER 1 - 3 PAIR 2 - 4 PAIR	DEPTHS	TRUE DIP ANGLE AND DIRECTION 0° 10° 20° 30° 40° 50° 60° 70° 80° 90°	DRIFT & DIRECTION OF SONDE 0° 40

2 - 4 PAIR 1 - 3 PAIR 4 ARM CALIPER	DEPTHS	0° 10° 20° 30° 40° 50° 60° 70° 80° 90° TRUE DIP ANGLE AND DIRECTION 0° 10° 20° 30° 40° 50° 60° 70° 80° 90°	0° DRIFT & DIRECTION OF SONDE 0° 40

COMPANY QUINTANA PETROLEUM CORP.

WELL WATZEK #30-1

FIELD WILDCAT

COUNTY CLATSOP STATE OREGON

Rm 1.12 @ 74 °F
Rmf .84 @ 74 °F
Rmc 2.1 @ 72 °F
BHT 125 °F

SCHL. FR 6537
SCHL. TD 6538
DRLR TD 6551
Elev:
KB 884.3
DF –
GL 870.7

PARAMETERS

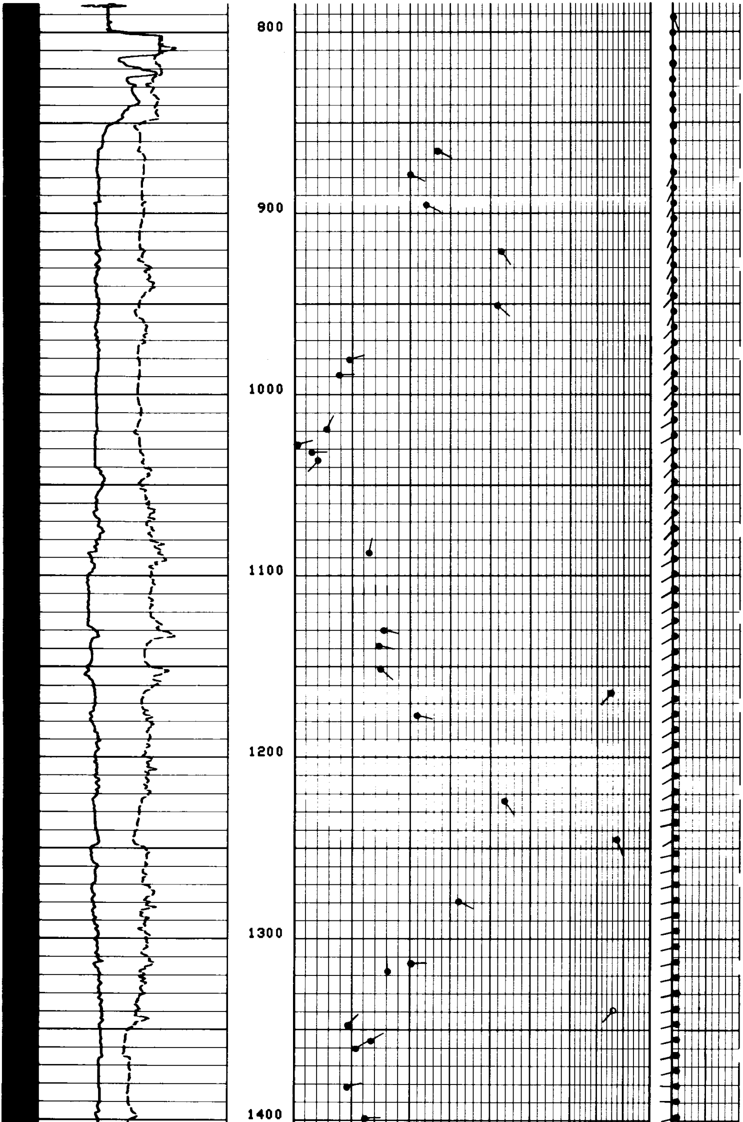
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
MODE		4/4	TDCA		4PAD	BS	INCH	8.750
STYP		STAN	MCT	DEG	72	DSCA	DEG	40
DO		0.0	BHS		OPEN	FPHI		PHIX

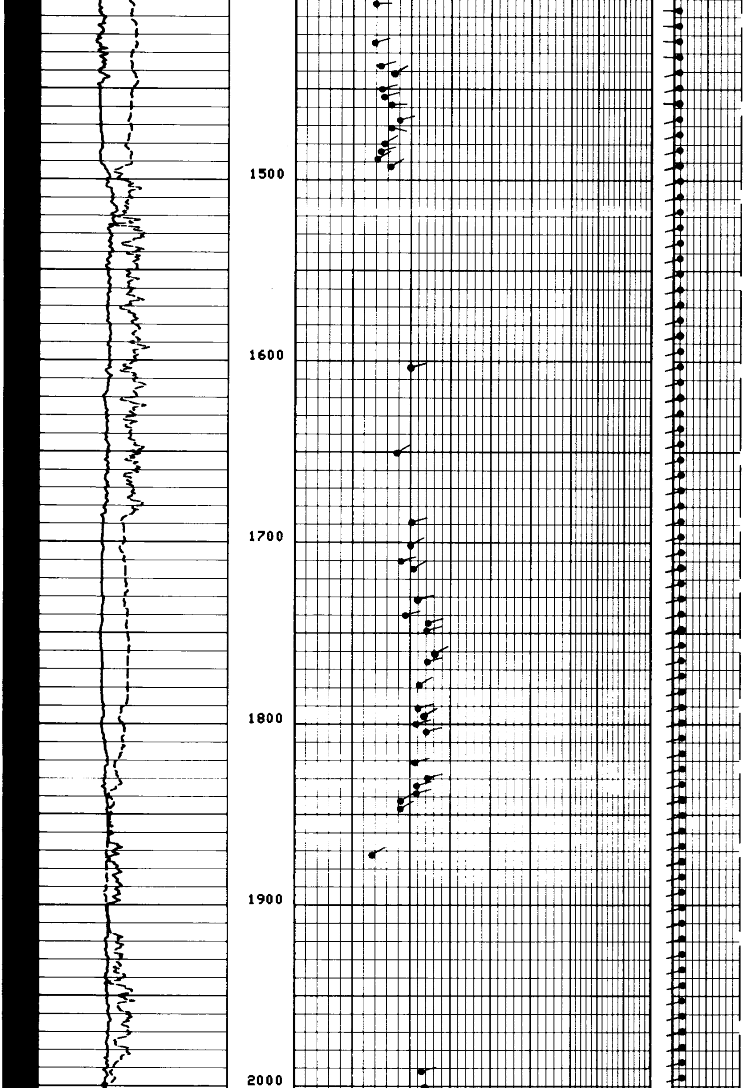
PUM4(INCH)
0.0 20.00
PUM3(INCH)
0.0 20.00
C2S (INCH)
0.0 20.00
C1S (INCH)
0.0 20.00

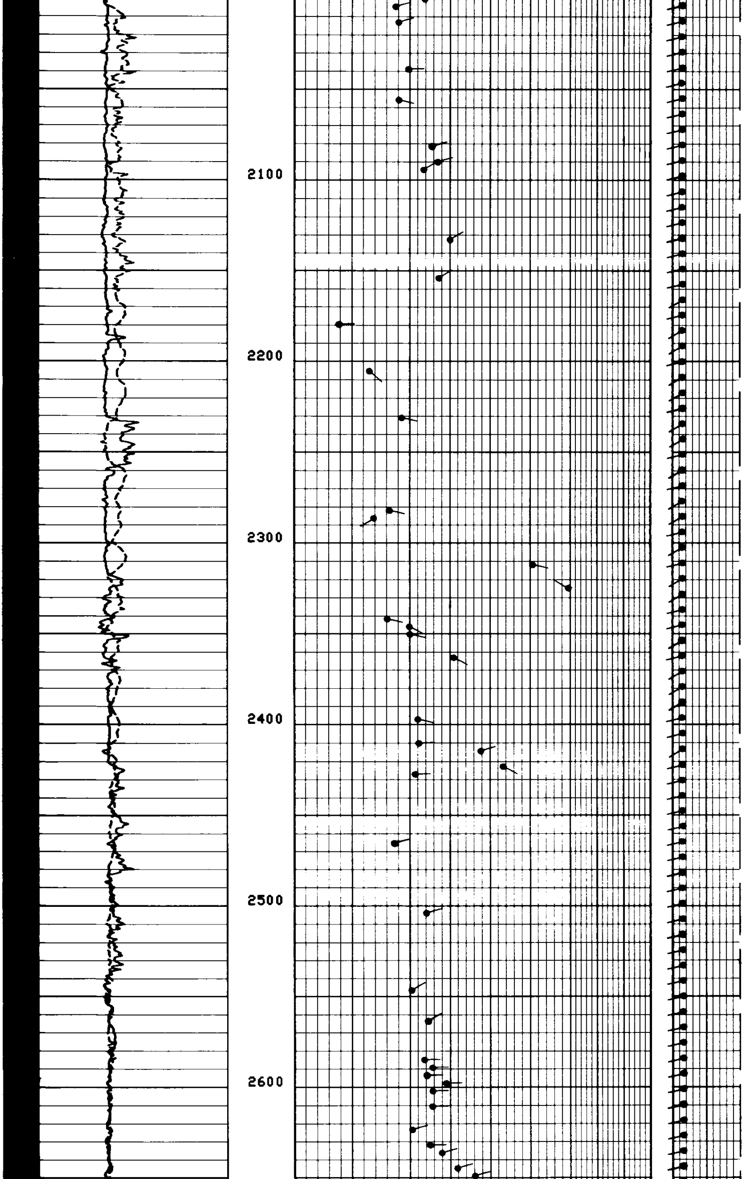
AH ( )
0.0 5.000
PUM2(INCH)
0.0 5.000
PUM1(INCH)
0.0 5.000

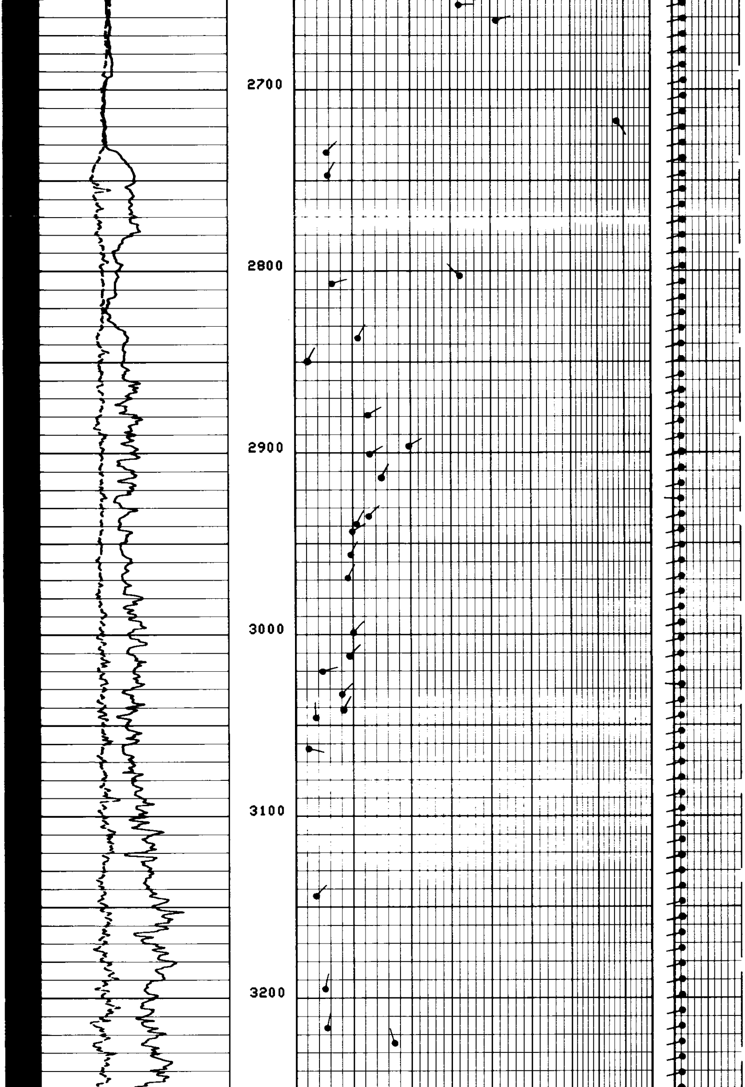
FILE

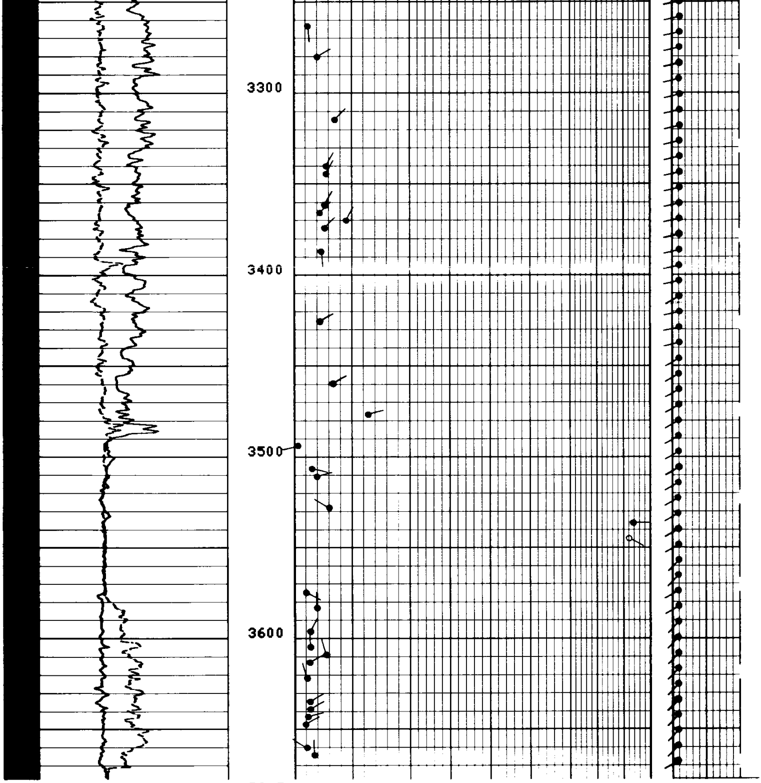
7











FILE

7

PUM4(INCH)
0.0 20.00
PUM3(INCH)
0.0 20.00
C2S (INCH)
0.0 20.00
C1S (INCH)
0.0 20.00

AH ( )
0.0 5.000
PUM2(INCH)
0.0 5.000
PUM1(INCH)
0.0 5.000

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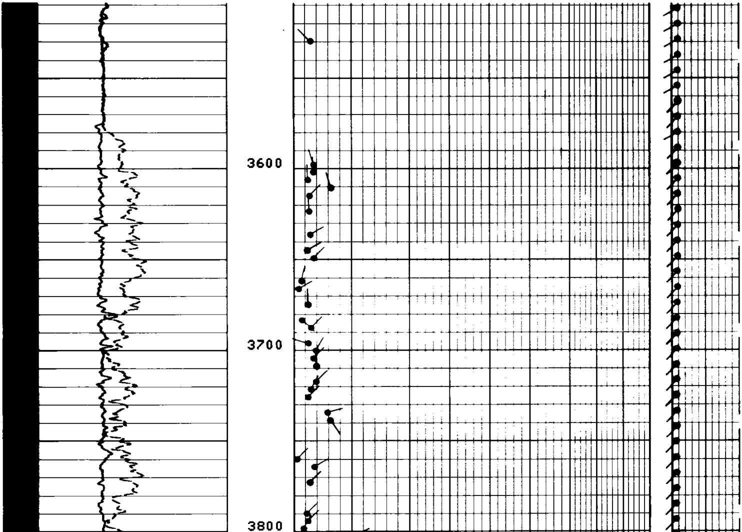
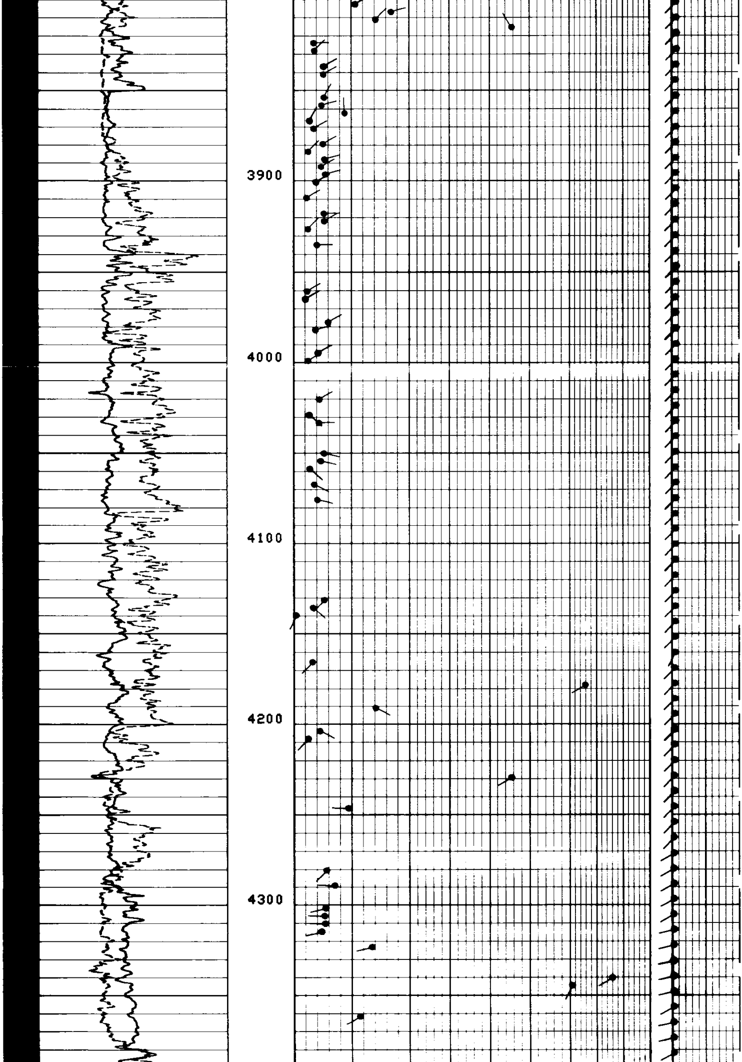
Curve	Left	Right
PUM4(INCH)	0.0	20.00
PUM3(INCH)	0.0	20.00
C2S (INCH)	0.0	20.00
C1S (INCH)	0.0	20.00

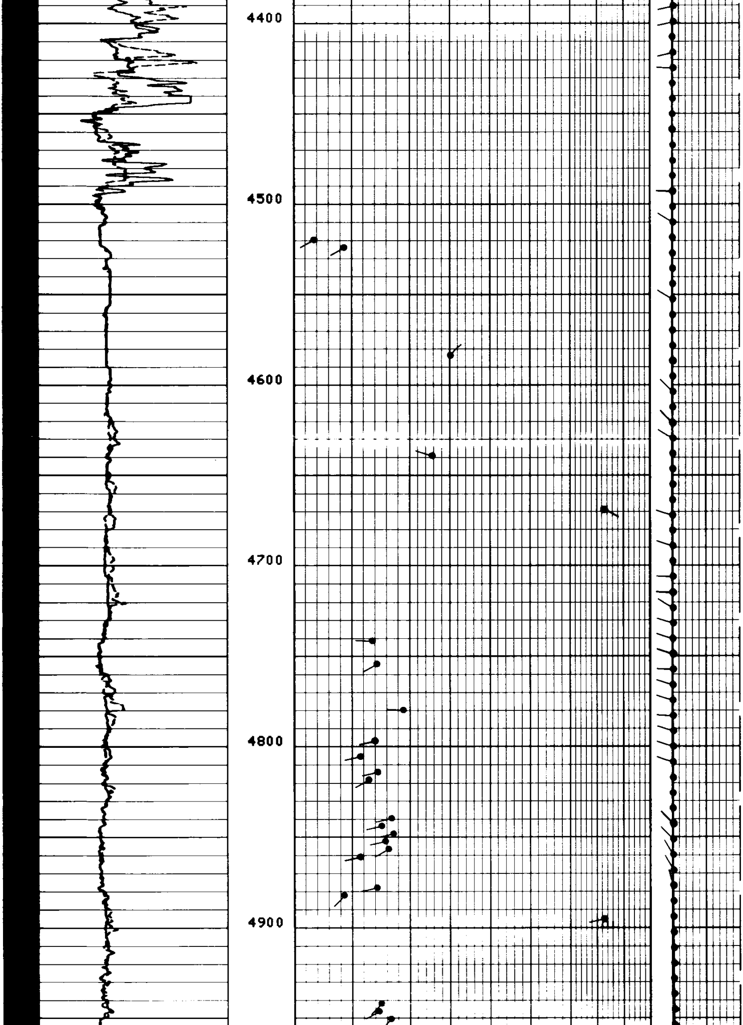
Curve	Left	Right
AH ( )	0.0	5.000
PUM2(INCH)	0.0	5.000
PUM1(INCH)	0.0	5.000

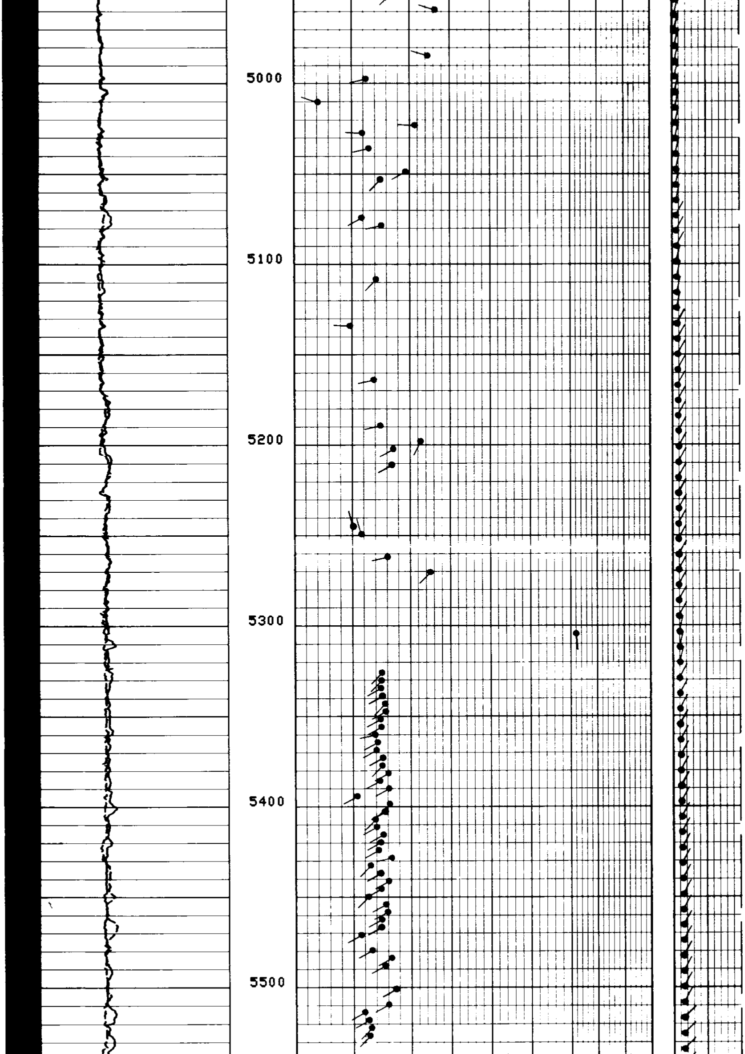
FILE

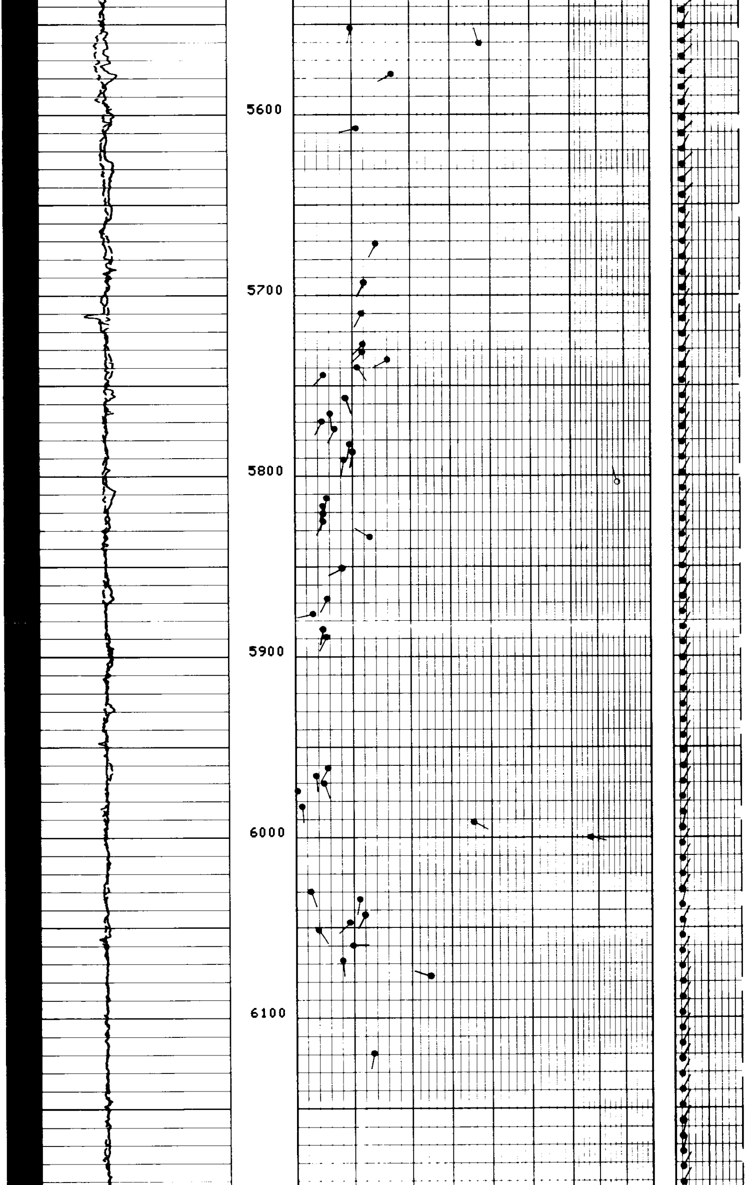
5

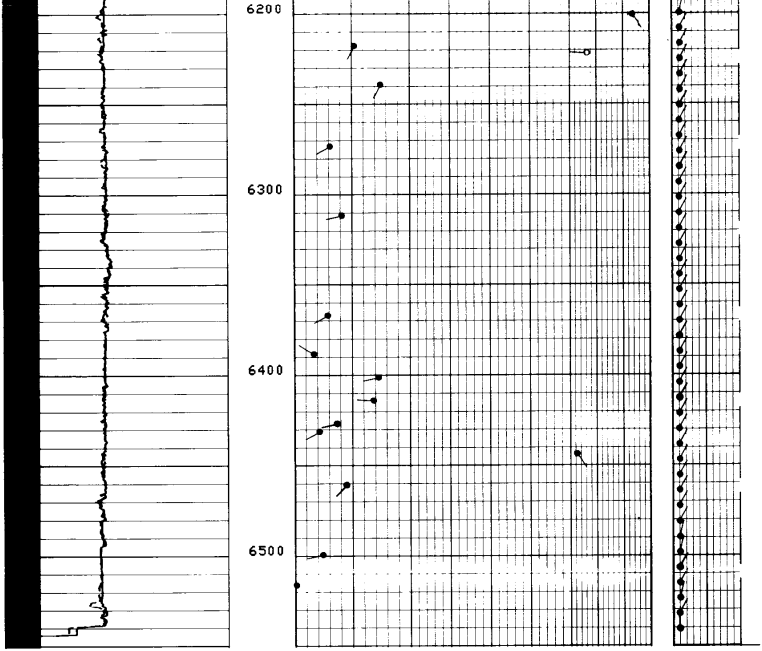












FILE

5

Curve	Left	Right
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