Schlumberger

COMPUTER PROCESSED LOG

COMPANY	AMERICAN QUASAR PETROLEUM Co
WELL	RAU 18-14
FIELD	MIST
COUNTY	COLUMBIA
STATE	OREGON
LOCATION	900'N, 1099.41'E OF SW CORNER
ELEVATION	KB 593.5 DF GL 583 API NO.

RECEIVED-PTLD SEP 30 1980 DEPT OF GEOLOGY & MINERAL ...

Schlumberger Cyberdip

WELLSITE COMPUTATION

A CSU* Service

Date	9-6-80			
Run No.	ONE			
Depth—Driller	2434			
Depth—Logger	2481			
Btm. Log Interval	2431			
Top Log Interval	515			
Casing—Driller	7" @ 515	@	@	@
Casing—Logger	515			
Bit Size	6 1/4			
Type Fluid in Hole	LIGND			
Dens. / Visc.	9.9 / 46			
pH / Fluid Loss	11.3 / 6.8 ml	ml	ml	ml
Source of Sample	CIRC			
Rm @ Meas. Temp.	1.96 @ 87 F	@ F	@ F	@ F
Rmf @ Meas. Temp.	2.07 @ 77 F	@ F	@ F	@ F
Rmc @ Meas. Temp.	2.10 @ 78 F	@ F	@ F	@ F
Source: Rmf / Rmc	M / M			
Rm @ BHT	1.96 @ 87 F	@ F	@ F	@ F
TIME: Circulation Stopped	1100			
TIME: Logger on Bottom	2030			
Max. Rec. Temp.	87 F	F	F	F
Equip. / Location	8126 / SAC			
Recorded By	ANDERSEN			
Witnessed By	SMITH			

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

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

DIP ANGLES (degrees)	100'	1000'	1 mile (5280')	DIP ANGLES (degrees)	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

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°)

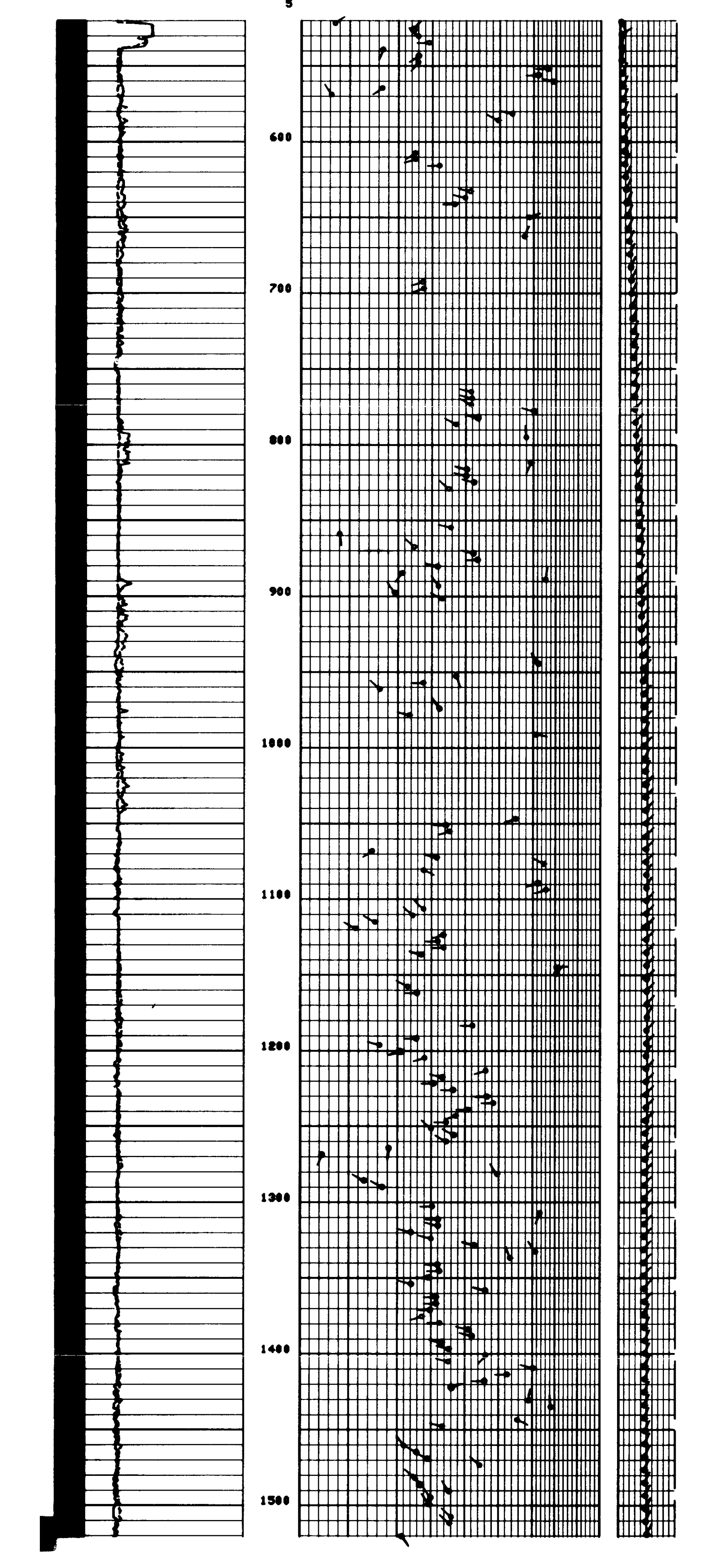
5
5

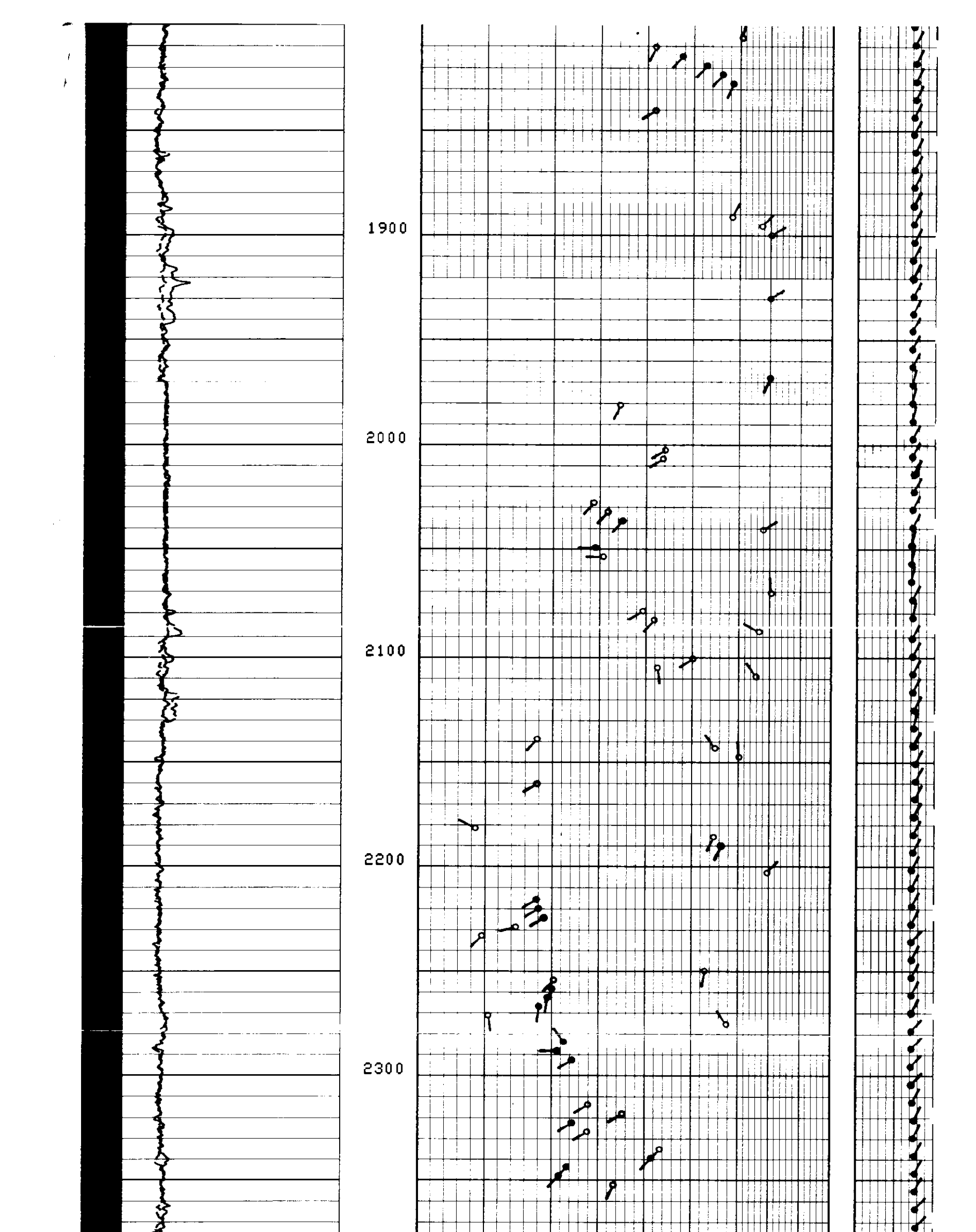
PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
MODE		8/4	TDCA		3PAD	BS	INCH	6.250
MCT	DEG	36	DSCA	DEG	20	DMAX	DEG	70
BHS		OPEN	FPHI		PHIX	STYP		STAN
DO		0.0						

PUM4(INCH) 0.0 – 20.00	
PUM3(INCH) 0.0 – 20.00	AH ( ) 0.0 – 5.000
C2S (INCH) 0.0 – 20.00	PUM2(INCH) 0.0 – 5.000
C1S (INCH) 0.0 – 20.00	PUM1(INCH) 0.0 – 5.000

FILE
5





FILE
5

PUM4(INCH) 0.0 – 20.00	
PUM3(INCH) 0.0 – 20.00	AH ( ) 0.0 – 5.000
C2S (INCH) 0.0 – 20.00	PUM2(INCH) 0.0 – 5.000
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PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
MODE		8/4	TDCA		3PAD	BS	INCH	6.250
MCT	DEG	36	DSCA	DEG	20	DMAX	DEG	70
BHS		OPEN	FPHI		PHIX	STYP		STAN
DO		0.0						

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
MODE		8/4	TDCA		3PAD	BS	INCH	6.250
MCT	DEG	36	DSCA	DEG	20	DMAX	DEG	70
BHS		OPEN	FPHI		PHIX	STYP		STAN
DO		0.0						

PUM4(INCH) 0.0 – 20.00	
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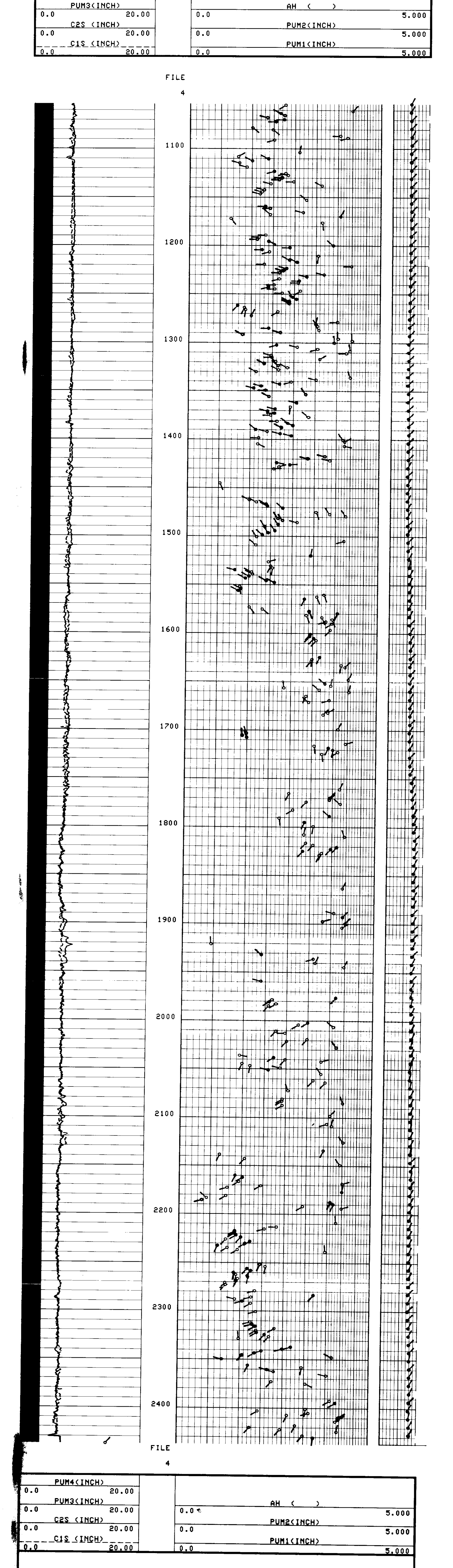
FILE
4



FILE
4

PUM4(INCH) 0.0 – 20.00	
PUM3(INCH) 0.0 – 20.00	AH ( ) 0.0 – 5.000
C2S (INCH) 0.0 – 20.00	PUM2(INCH) 0.0 – 5.000
C1S (INCH) 0.0 – 20.00	PUM1(INCH) 0.0 – 5.000

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
MODE		4/2	TDCA		3PAD	BS	INCH	6.250
MCT	DEG	36	DSCA	DEG	20	DMAX	DEG	70
BHS		OPEN	FPHI		PHIX	STYP		STAN
DO		0.0						