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MAR 10 1980

Welex

5"=100'

DIP LOG CALCULATIONS

COMPANY AMERICAN QUASAR PETRO. CO.
WELL LONG VIEW FIBER 25-33
FIELD WILDCAT
COUNTY COLUMBIA STATE OREG.

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL LONG VIEW FIBER 25-33

FIELD WILDCAT

COUNTY COLUMBIA STATE OREGON

Location N/A

Sec. 25 Twp. 6N Rge. 5W

Other Services:
DIG
C/AVL
C/DENS/N

Permanent Datum GL Elev. 777.5
Log Measured From KB OR 12 Ft. Above Perm. Datum
Drilling Measured From GL

Elev.: K.B. 789.5
D.F. -
G.L. 777.5

Date	9-9-79			
Run No.	ONE			
Depth - Driller	3145			
Depth - Welex	3146			
Btm. Log Inter.	3145			
Top Log Inter.	469			
Casing - Driller	7 @ 471	@	@	@
Casing - Welex	469			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNO SULF			
Dens. | Visc.	10.1 | 57	|	|	|
pH | Fluid Loss	11.0 | 7.0 ml	| ml	| ml	| ml
Source of Sample	PIT			
R_m @ Meas. Temp.	1.90 @ 105 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.30 @ 68 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.55 @ 72 °F	@ °F	@ °F	@ °F
Source: R_{mf} | R_{mc}	MEASURED	|	|	|
R_m @ BHT	1.73 @ 115 °F	@ °F	@ °F	@ °F
Time Since Circ.	24 HOURS			
Max. Rec. Temp.	115°F @ BHT	°F @	°F @	°F @
Equip. | Location	9430 | WDLND	|	|	|
Recorded By	KENNEDY			
Witnessed By	BARRET			

Fold Here

Service Ticket No. 048900
048895

Remarks:

Change in Mud Type or Additional Samples

Date | Sample No.	|	|
Depth - Driller		
Type Fluid in Hole		
Dens. | Visc.	|	|
pH | Fluid Loss	| ml	|
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}	|	|
R_m @ BHT	1.73 @ 115 °F	@ °F
R_{mf} @ BHT	1.36 @ 115 °F	@ °F
R_{mc} @ BHT	1.59 @ 115 °F	@ °F

Run No.	1	2	3	4
Tool Type	DIP			
Tool Number	13363			
Pad Type				
Correlated By				
Computed By				

TRANS. NO. 15217
MAND. NO. 12613

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible, except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses from the use thereof.

Magnetic Declination NORTH 20.5 EAST

TABLE OF CONSTANTS FOR DETERMINING VERTICAL DIFFERENCE AT VARIOUS DIP ANGLES

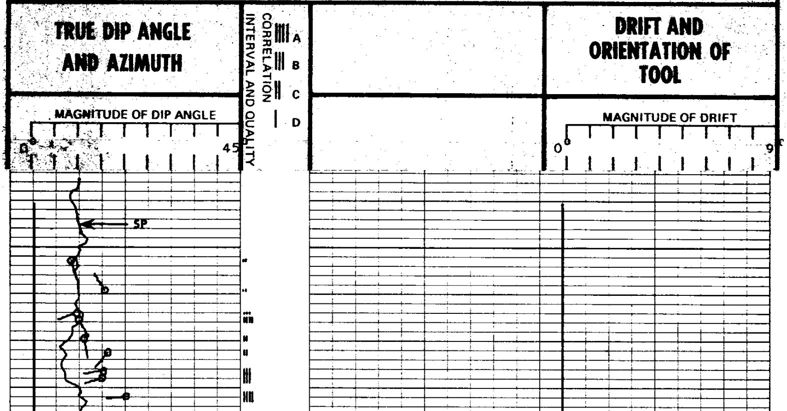
DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	.213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732
7	.123	17	.306	27	.509	65	2.144
8	.141	18	.325	28	.531	70	2.748
9	.158	19	.344	29	.554	75	3.732
10	.176	20	.364	30	.577	80	5.671

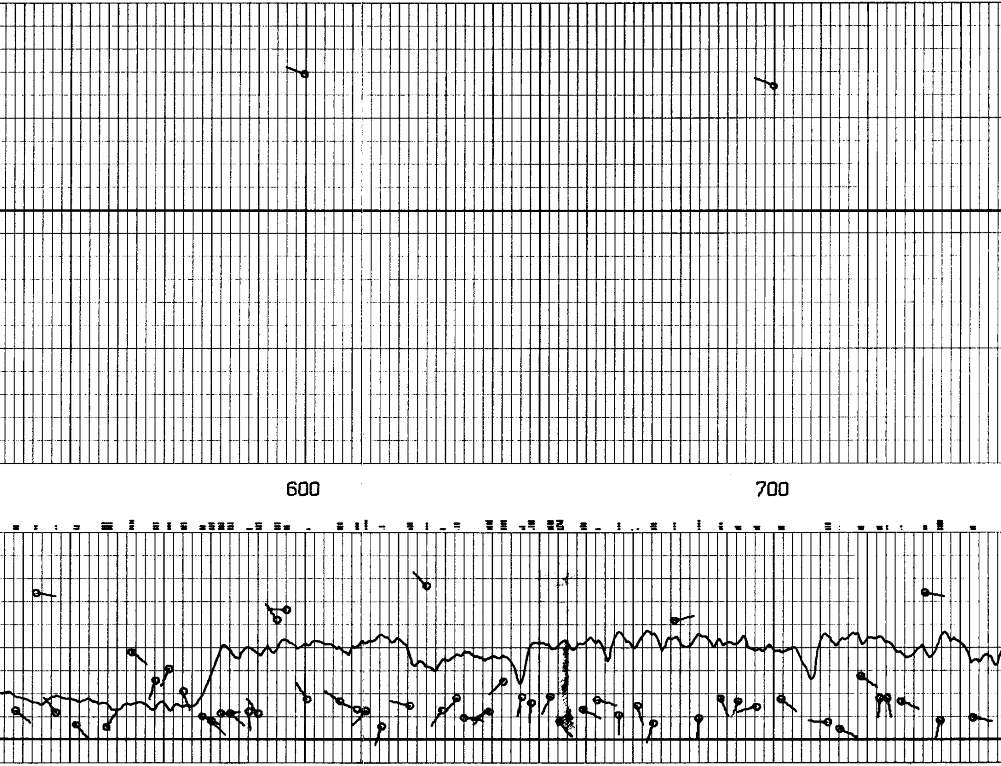
Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.

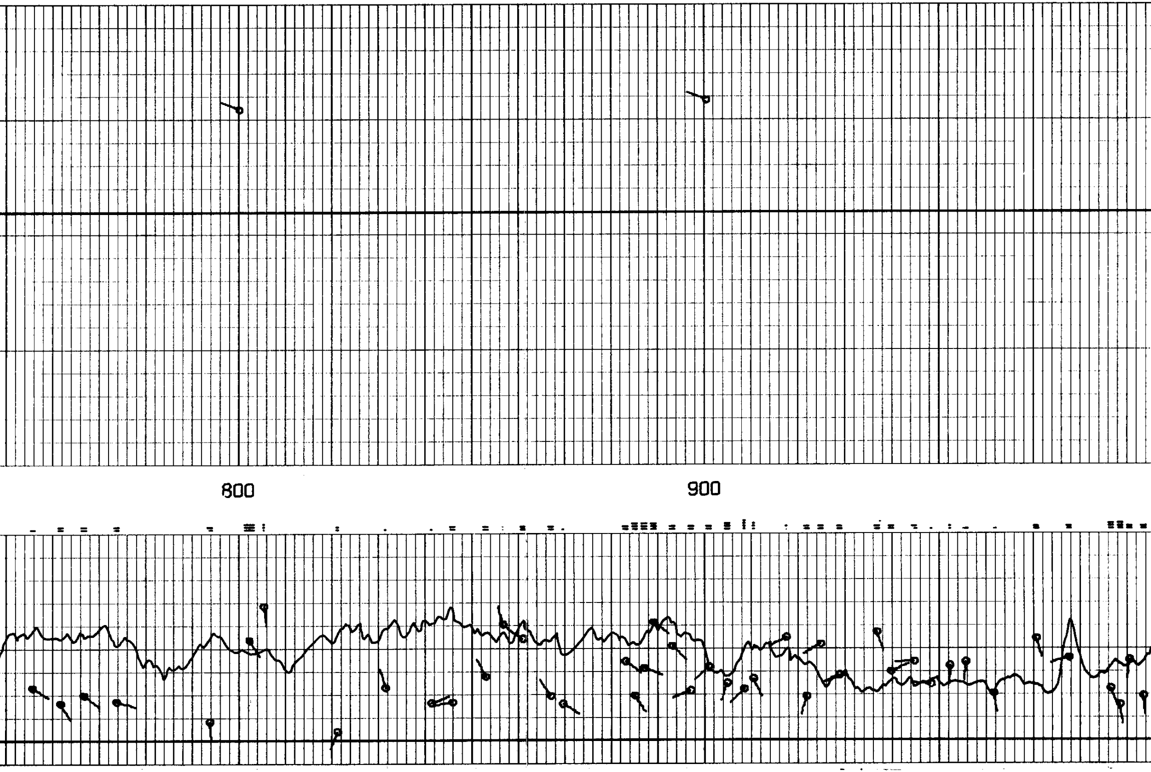
Example: Dip angle 10°, Horizontal distance 440 ft.

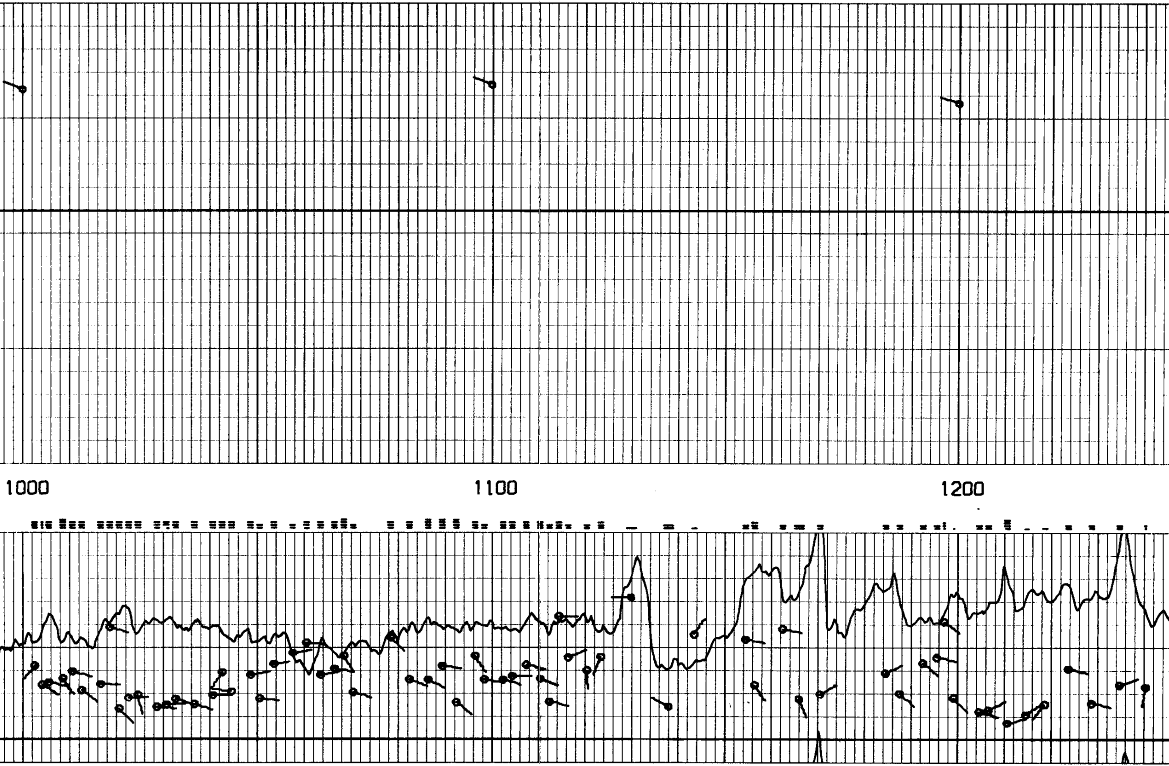
Vertical difference = .176 x 440 = 77.44

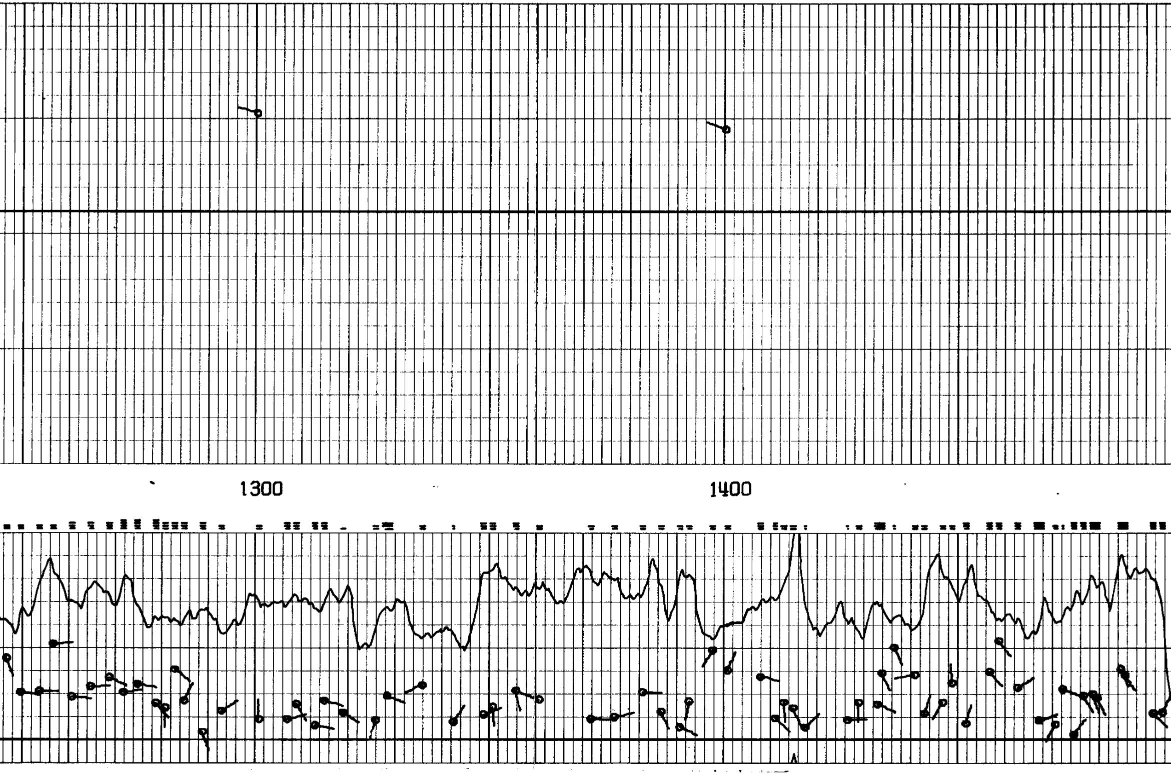
GRAPHIC PRESENTATION

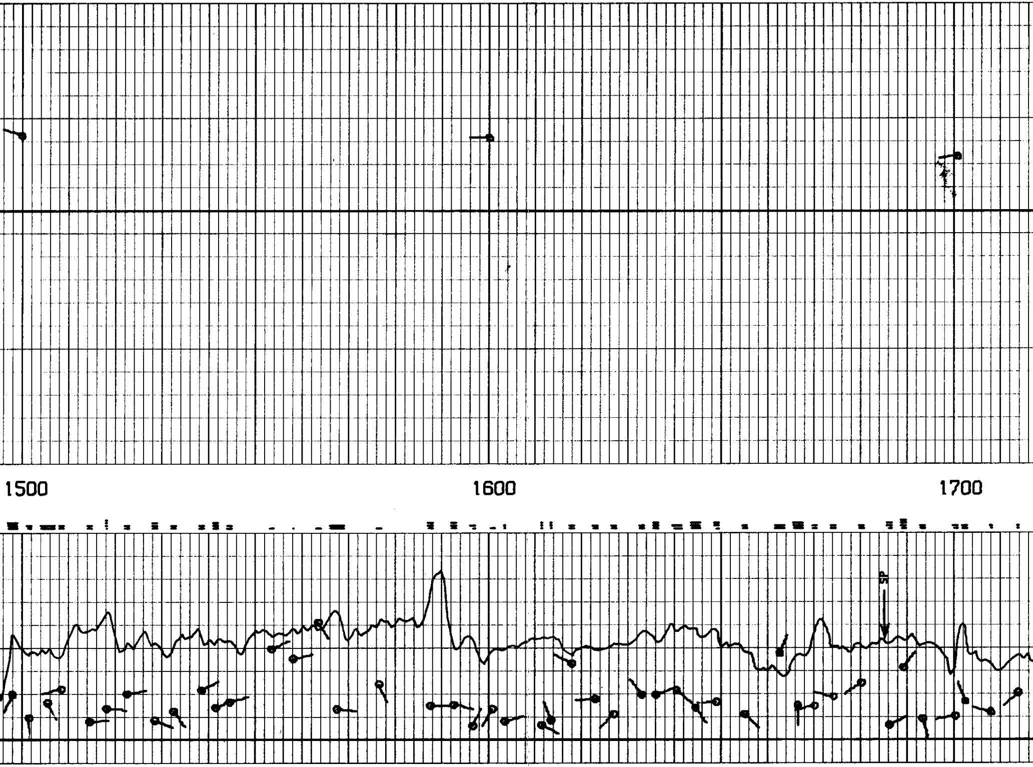


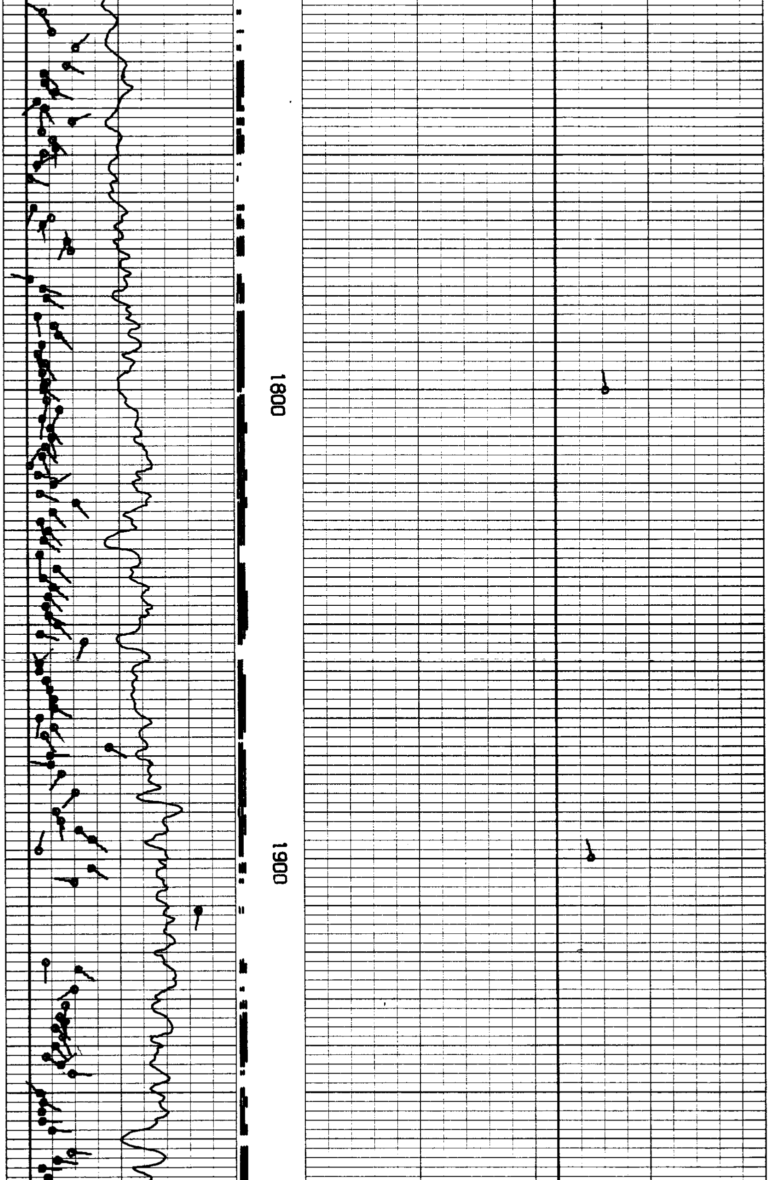


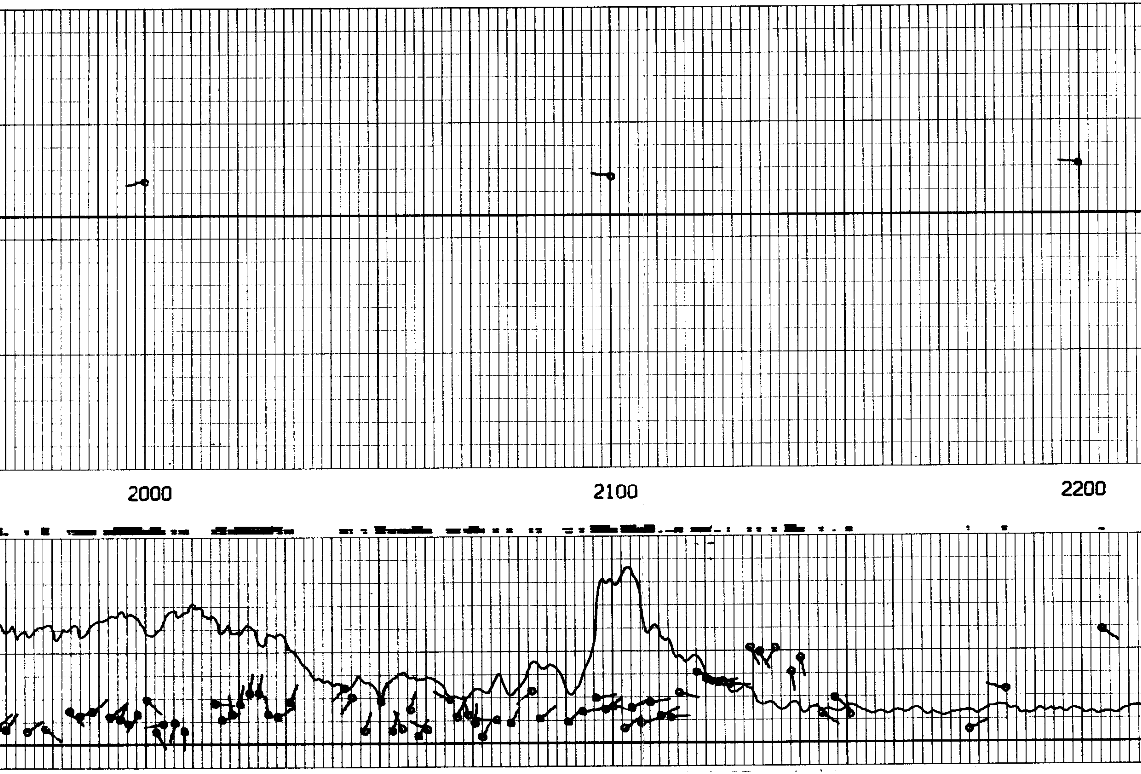


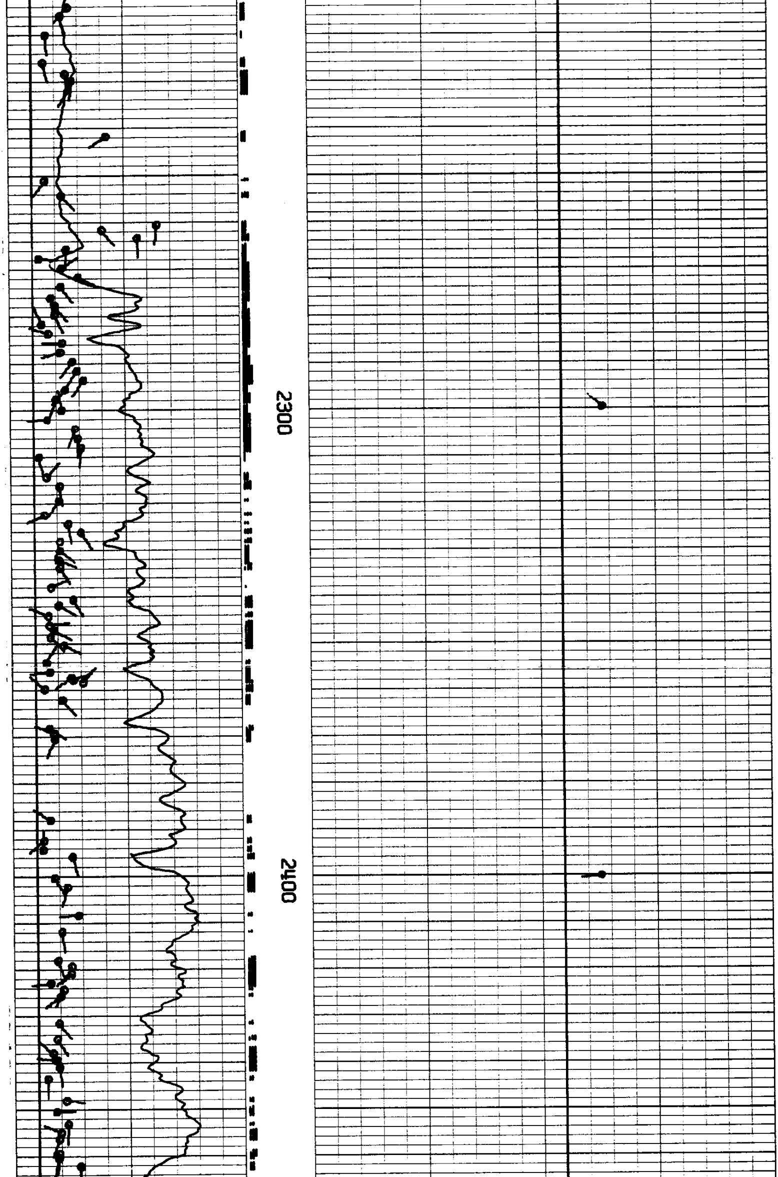


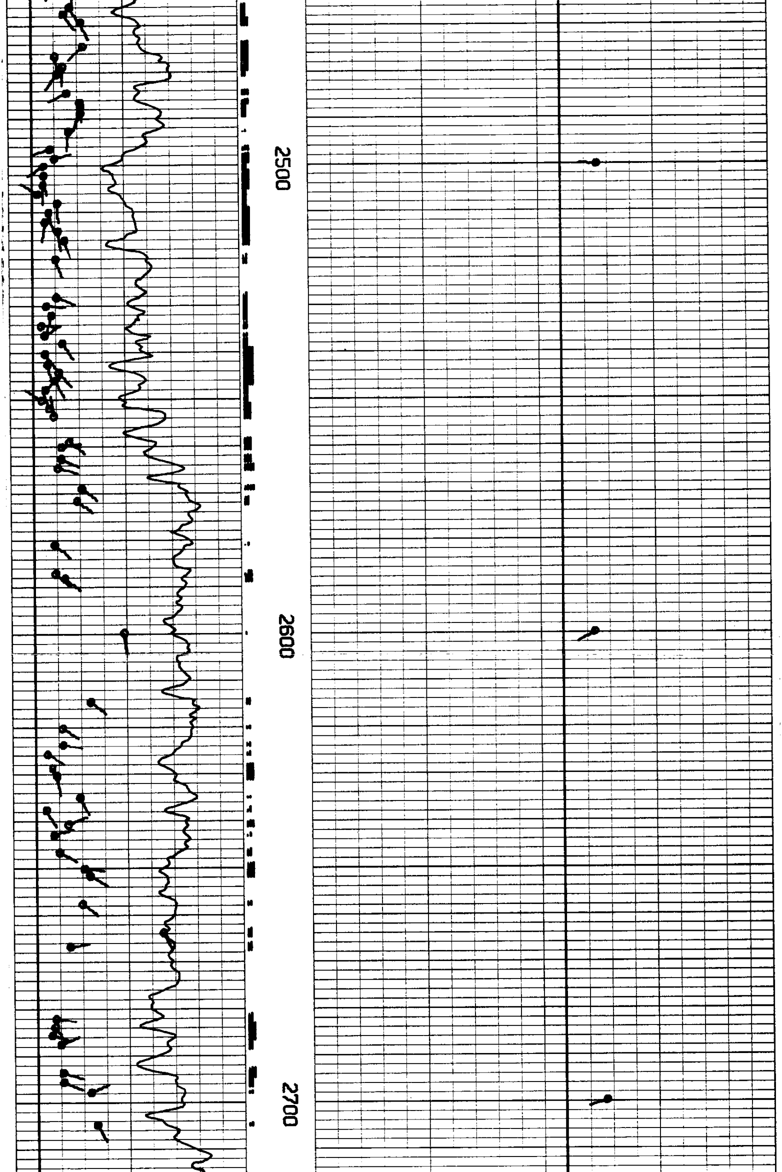


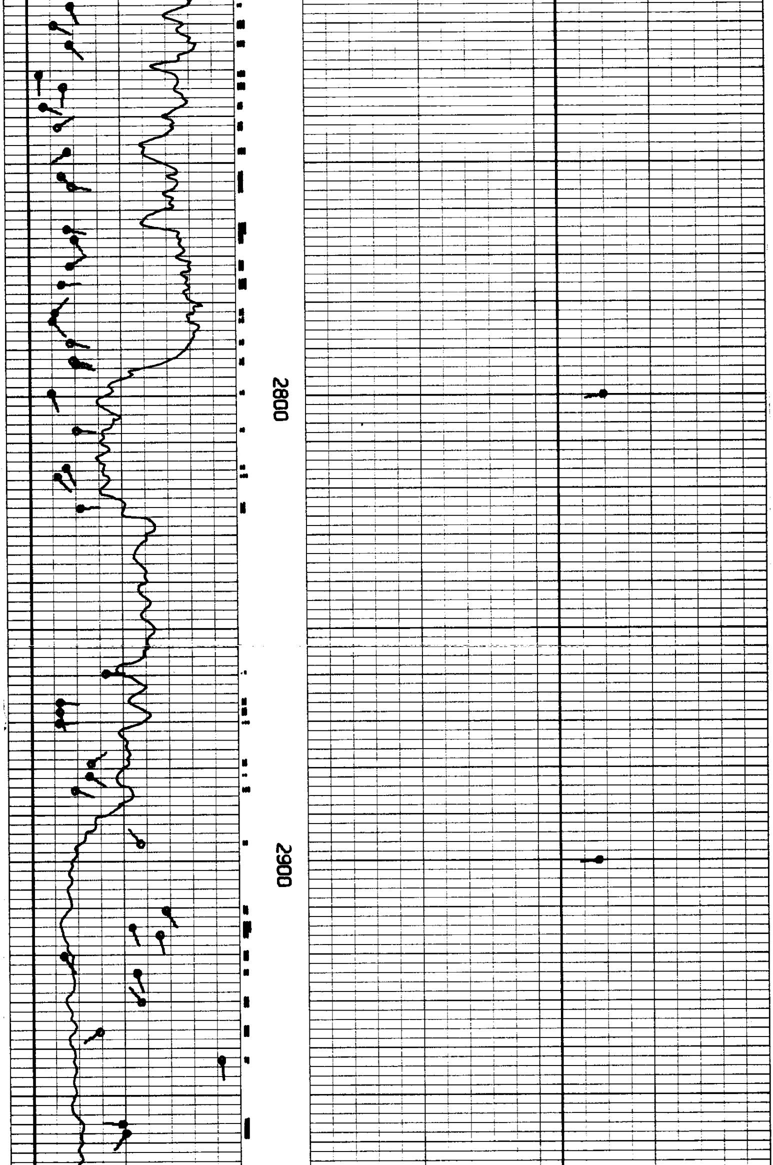


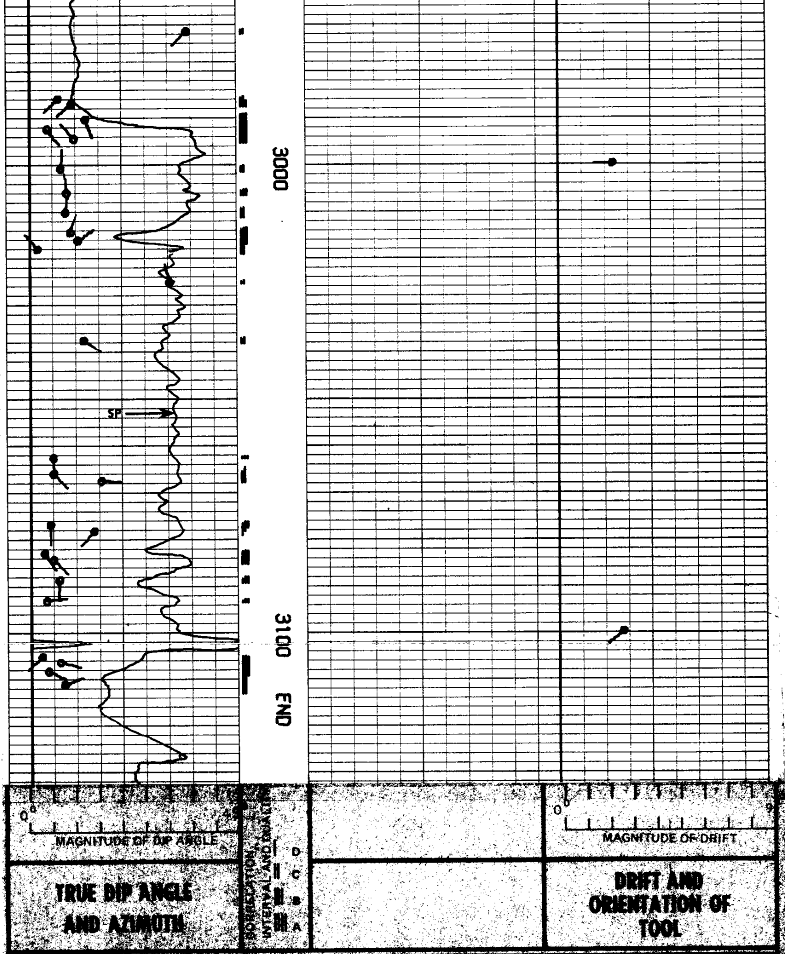












AMERICAN QUASAR PETROLEUM COMPANY
LONG VIEW FIBER 25-33
WILDCAT
COLUMBIA COUNTY, OREGON

T.D. LOGGED 3145
T.D. DRILLER 3145
T.D. WELEX 3146
ELEV: KB 789.5 GL 777.5