① NORTHERN TERRITORY
GEOLOGICAL SURVEY PR84/57A (1st COPY)

GAMMA - CALIPER - LINEAR DENSITY -
FOCUSSED RESISTIVITY - SONIC LOG
SUITE 1 (880-1m)

COMPANY QUEENSLAND PETROLEUM

BOREHOLE BULLO RIVER 1

STATE NORTHERN TERRITORY **COUNTRY** AUSTRALIA

Permanent Datum RIG FLOOR **Elev.** ____ **m.**

Log measured from RIG FLOOR **m. above P.D.**

Drilling measured from RIG FLOOR **m. above P.D.**

GRID REF E ____ N ____ R.L. ____

Run No.	Depth Scale	1	1:200	2	1:200	3	1:200
Date		7.8.84		7.8.84		7.8.84	
First Reading		820m		880m		880m	
Last Reading		1m		249m		249m	
Interval Measured		819m		631m		631m	
Casing BPB		249.3m		249.3m		249.3m	
Casing Driller		249.3m		249.3m		249.3m	
Depth Reached		969m		880m		880m	
Bottom Driller		969.65m		969.65m		969.65m	
Mud Nature		KCl POLYMER		KCl POLYMER		KCl POLYMER	
SG	Viscosity	1.07		1.07		1.07	
Bit Size 1			to 249.3m		to 249.3m		to 249.3m
2		4 1/3"	to TD	4 1/3"	to TD	4 1/3"	to TD
3			to		to		to
Casing Size 1		5"	to 249.3m	5"	to 249.3m	5"	to 249.3m
2			to		to		to
Rm @ Meas Temp.		0.21	@ 27degC	0.21	@ 27degC	0.21	@ 27degC
Rmf @ Meas Temp.			@		@		@
Rmc @ Meas Temp.			@		@		@
BHT		72 degC					
Operating Time							
Truck No.		V323					
Recorded By		S.Morecroft & P.Daley					
Witness		C.LAING					

fold back

REMARKS

Changes in Mud Type or Additional Samples					
Date	Sample No.				
Depth-Driller					
Type Fluid in Hole					
Dens.	Visc.				
ph.	Fluid Loss		ml		
Source of Sample					
Rm @ Meas. Temp.		@	°F	@	°F
Rmf @ Meas. Temp.		@	°F	@	°F
Rmc @ Meas. Temp.		@	°F	@	°F
Source: Rmf	Rmc				
Rm @ BHT		@	°F	@	°F
Rmf @ BHT		@	°F	@	°F
Rmc @ BHT		@	°F	@	°F

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	DD1	SIDEWALL	
2	RO1	FREE	
3	MS1	CENTRALISED	

Logging Data

Log	Depths From	Depths To	Speed	T.C.	Norm.	Sonde No	Source No.
GAMMA	820	1	9	2	1.42	90B	-
CALIPER	821	249	9	-	-	"	-
DENSITY	821	249	9	1	6.45	"	3037
RES	880	249	9	-	-		
SONIC	880	249	9	-	-		

DD1 SONDE FAILED AT TD DUE TO TEMPERATURE.
SONDE BECAME OPERATIONAL AT 750m AND SO
HOLE WAS LOGGED FROM THERE TO SURFACE.
A SECOND DD1 RUN WAS ATTEMPTED LATER FROM
820m BUT DENSITY FAILED IMMEDIATELY AND
COMPLETE SONDE FAILURE OCCURRED AT 784m.
RESISTIVITY AND SONIC WERE RUN FROM JUST
BELOW THE ZONE OF INTEREST TO AVOID TEMPERATURE PROBLEMS.

SONIC CH.3 USED.

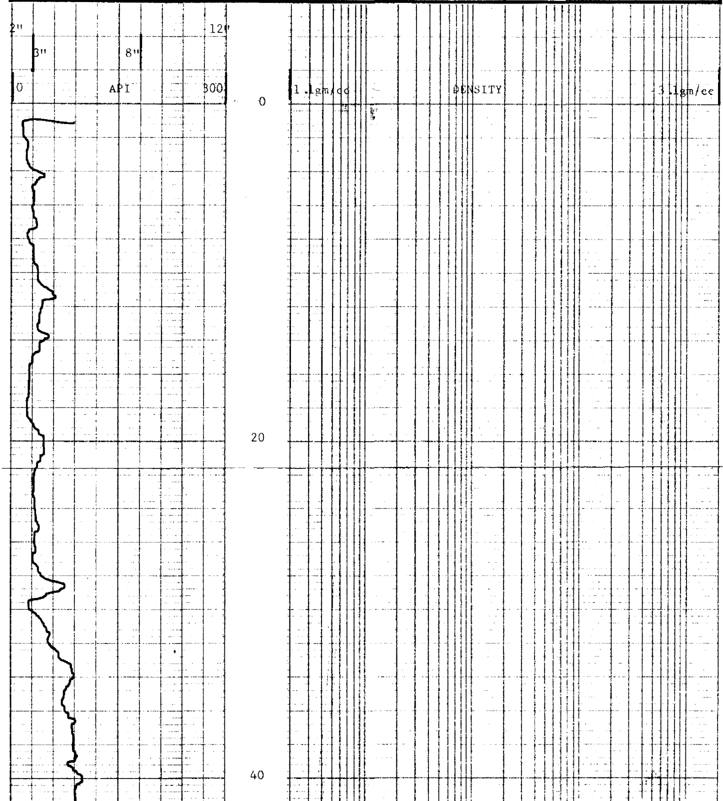
CALIPER
GAMMA

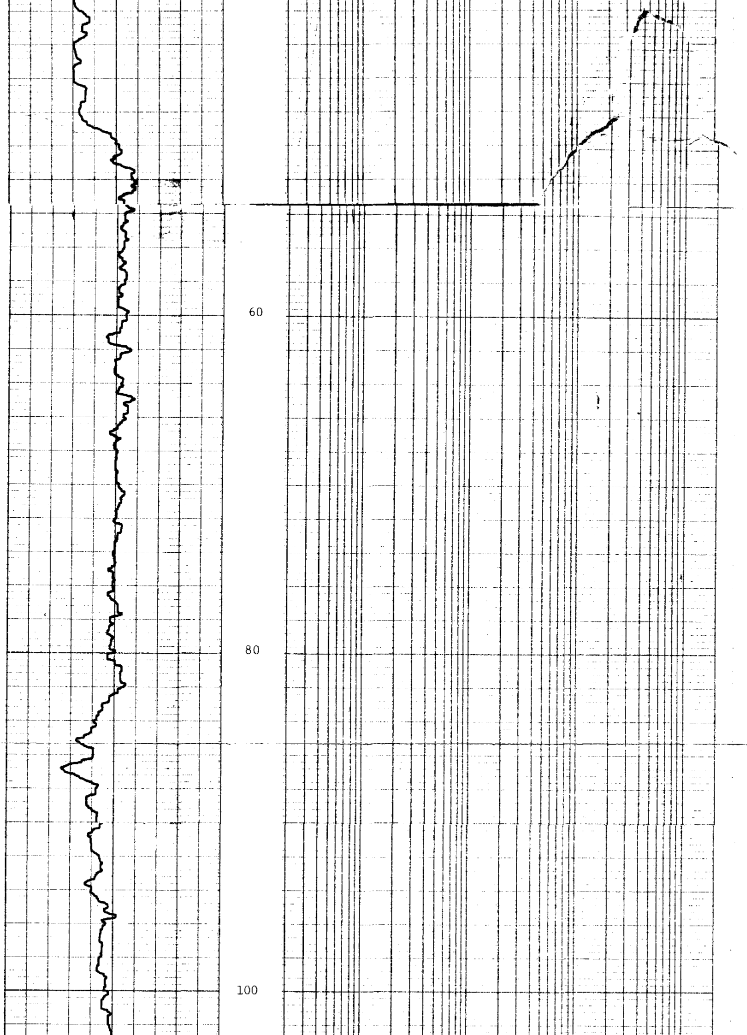
DEPTHS

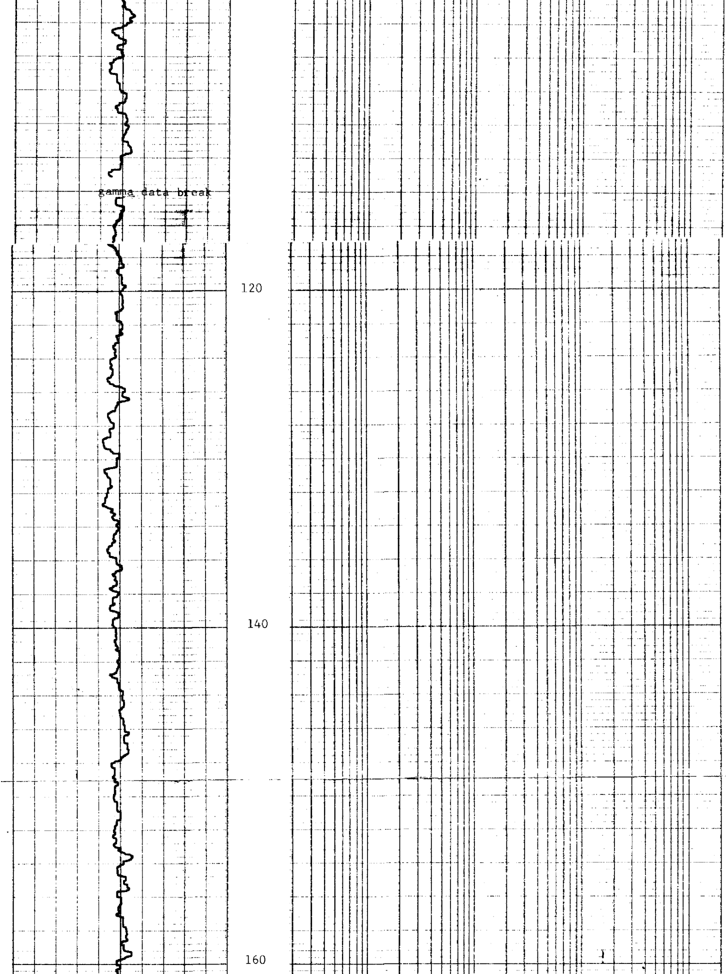
SONIC

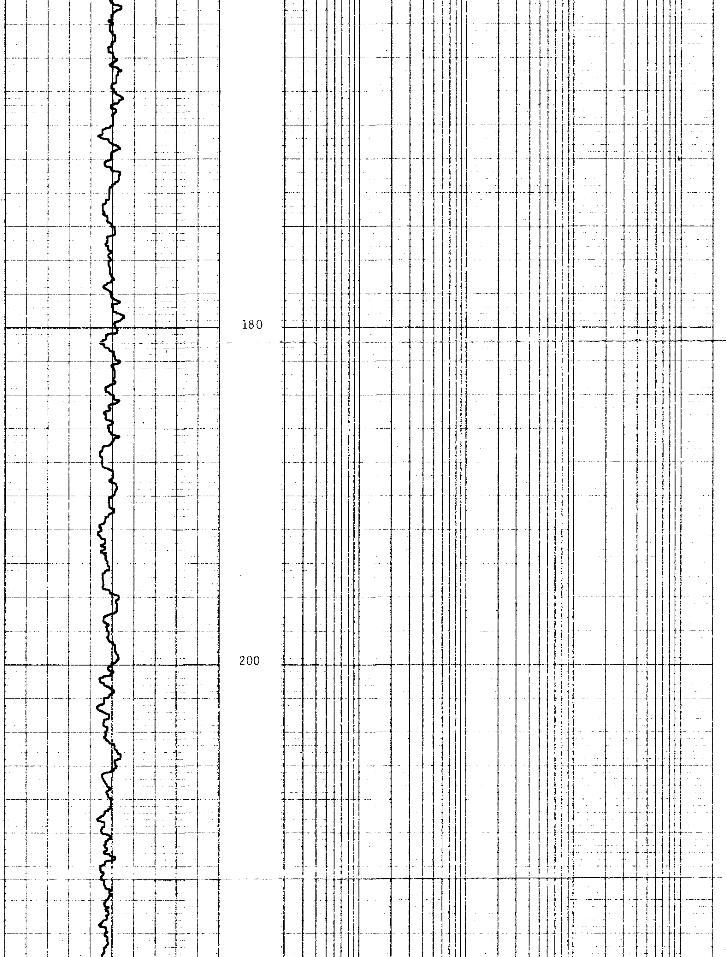
DENSITY
RESISTIVITY

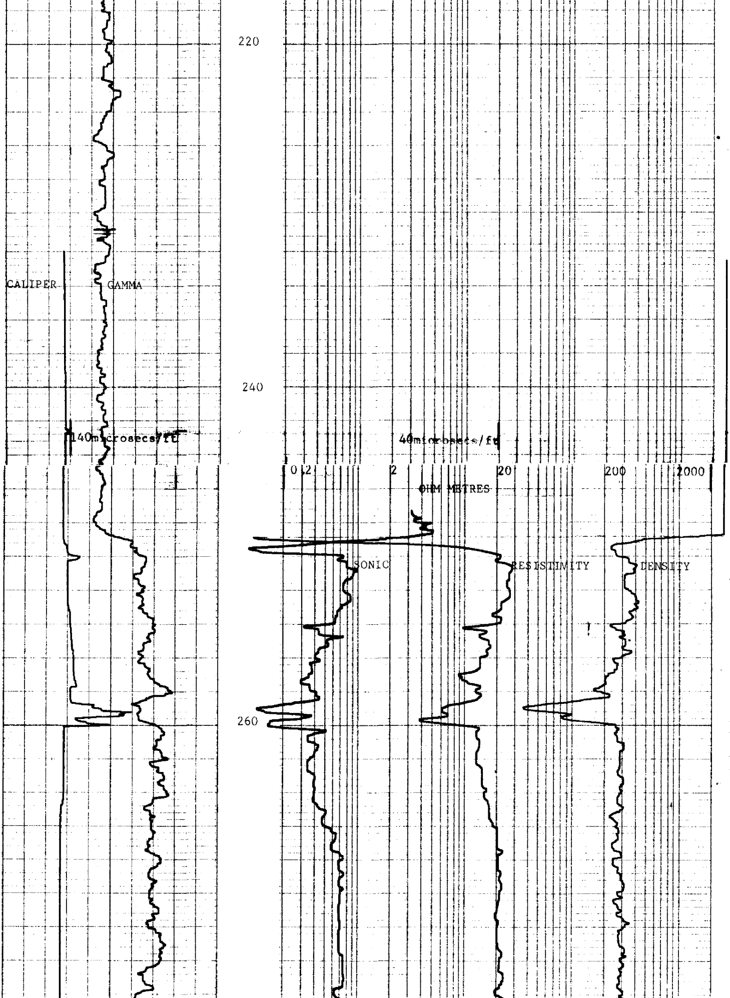
METRES

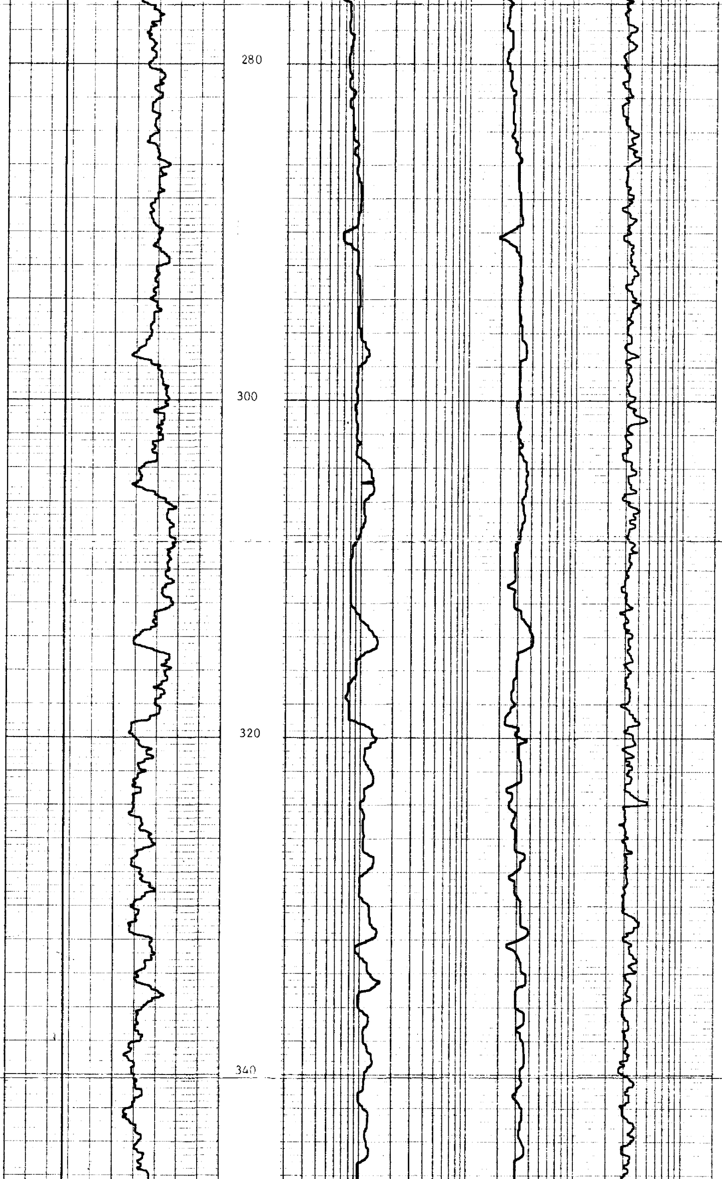


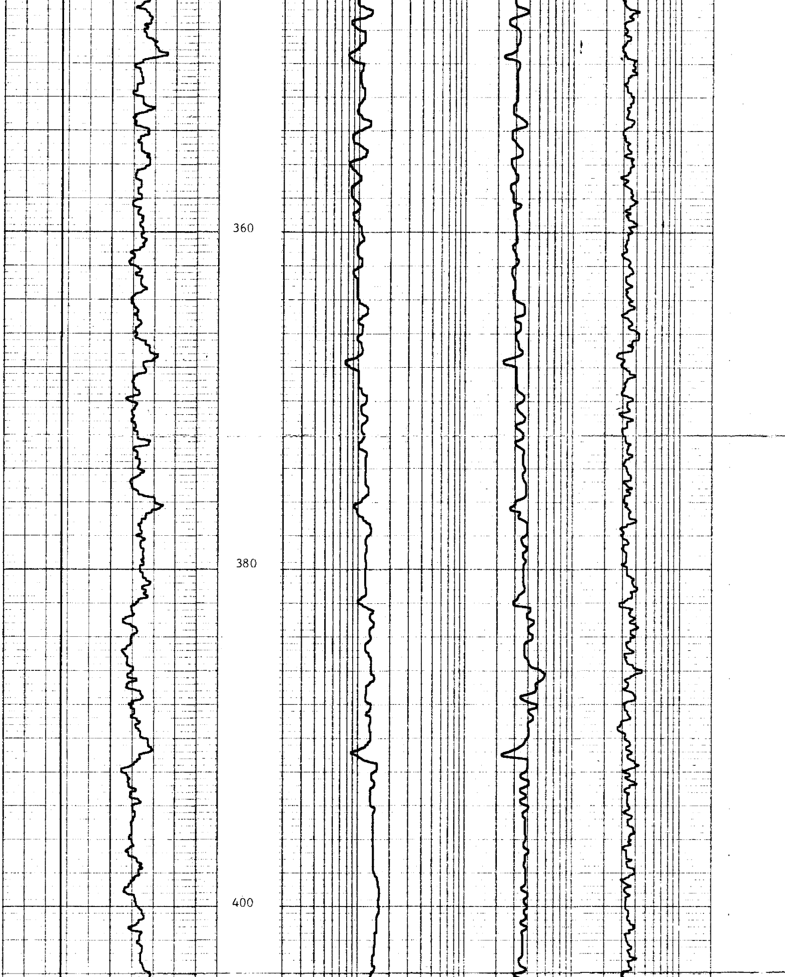


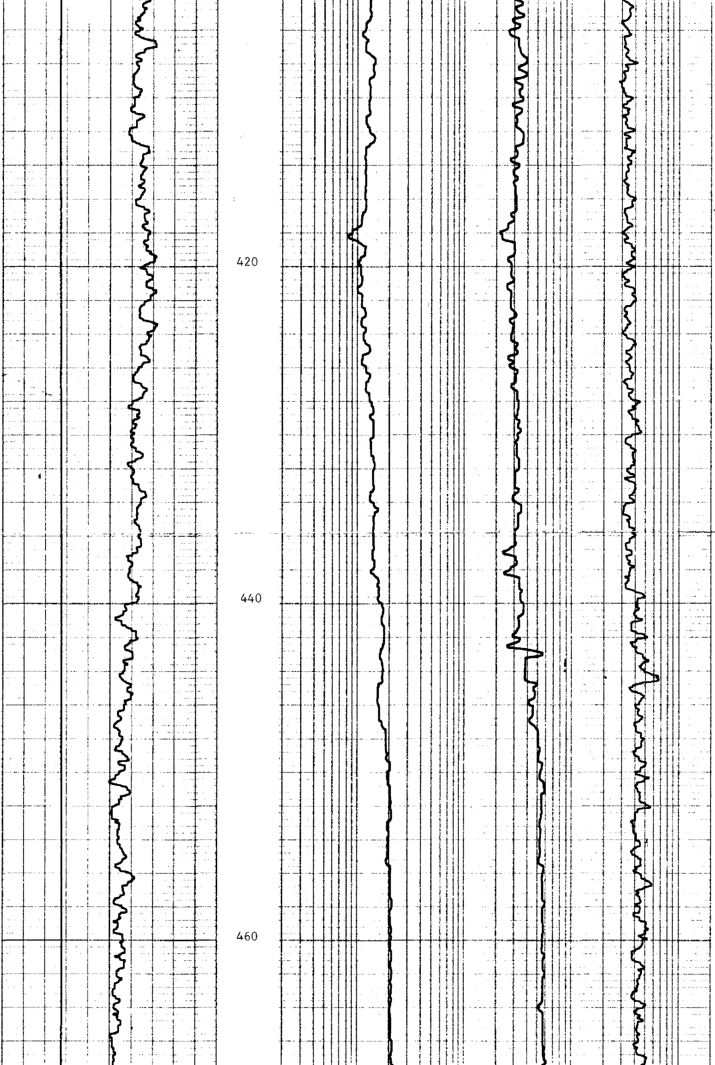


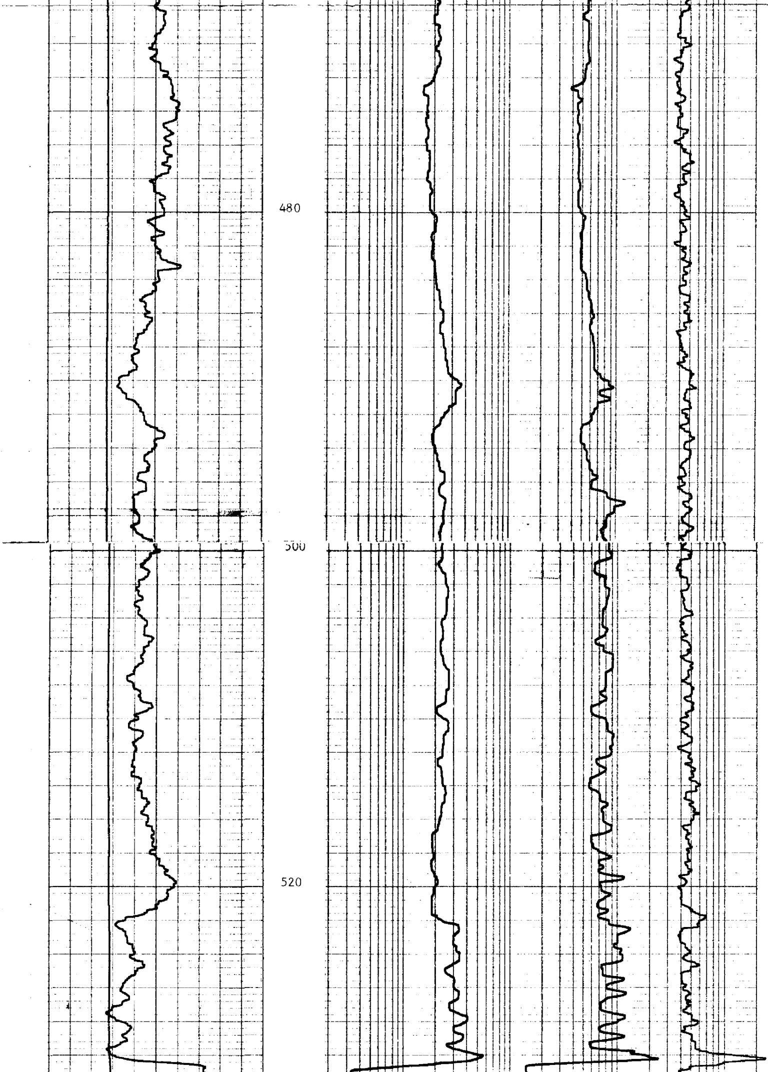


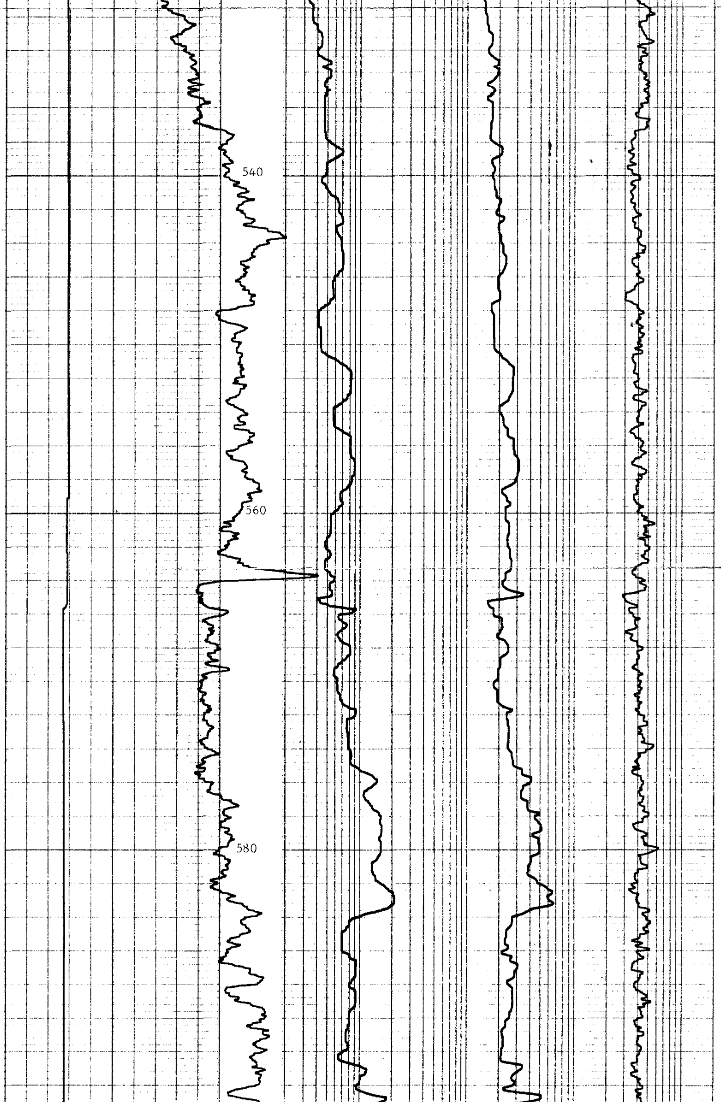


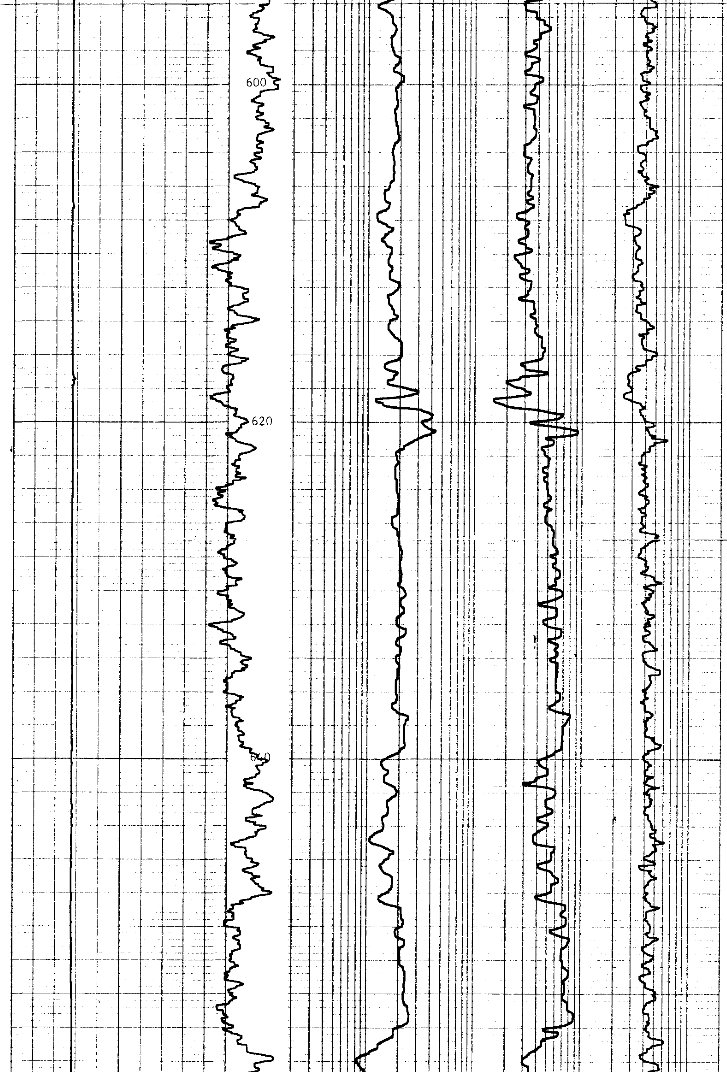


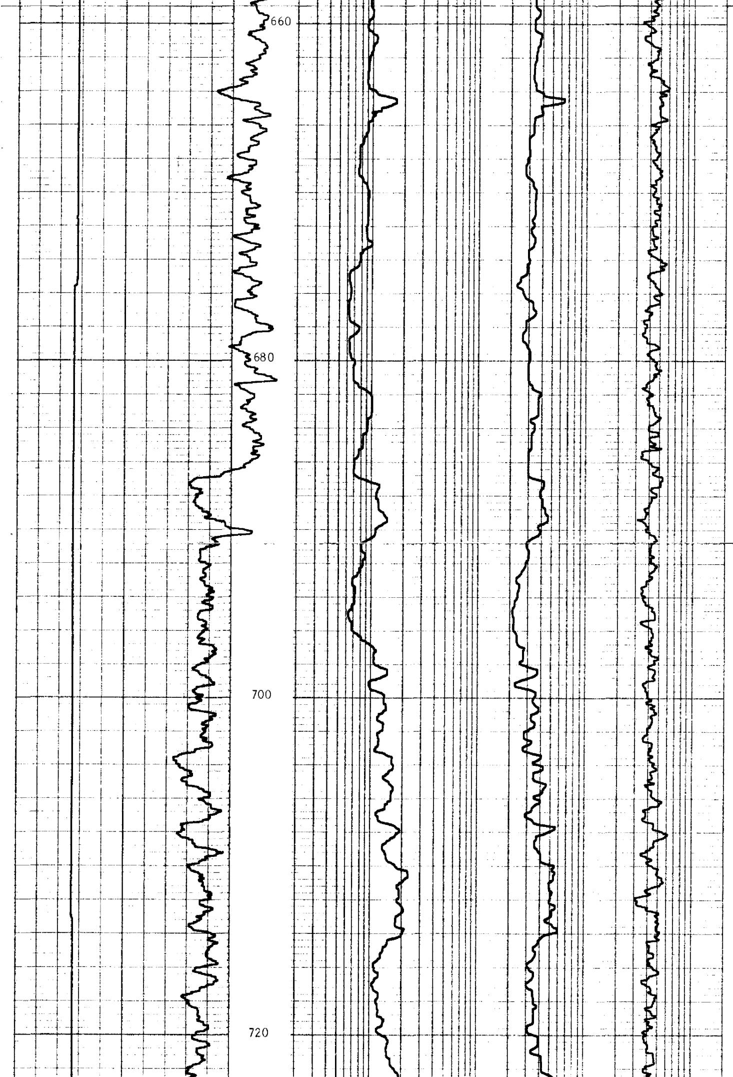


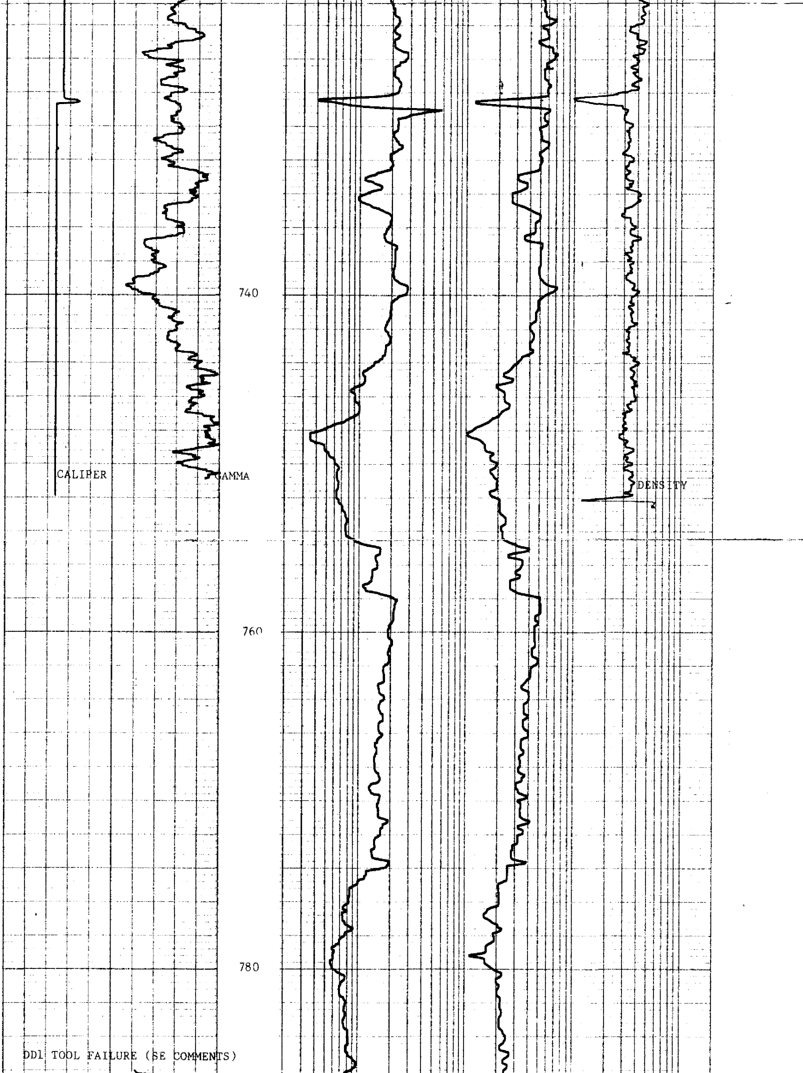




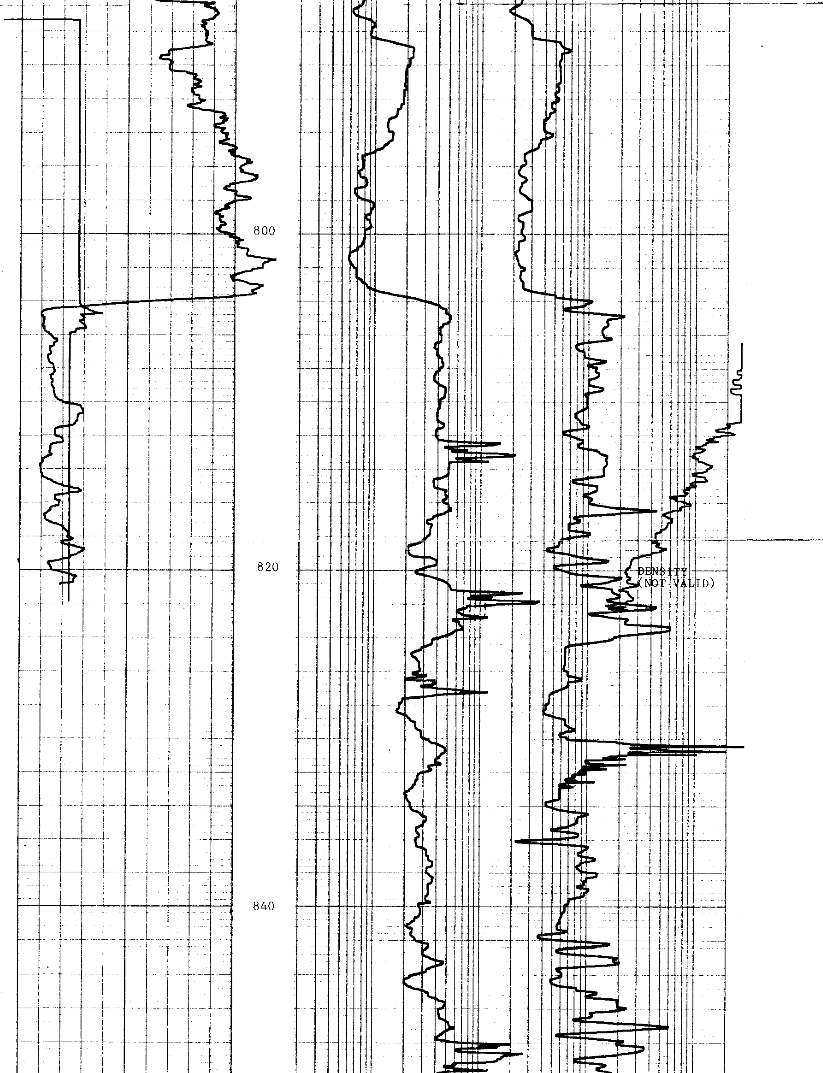


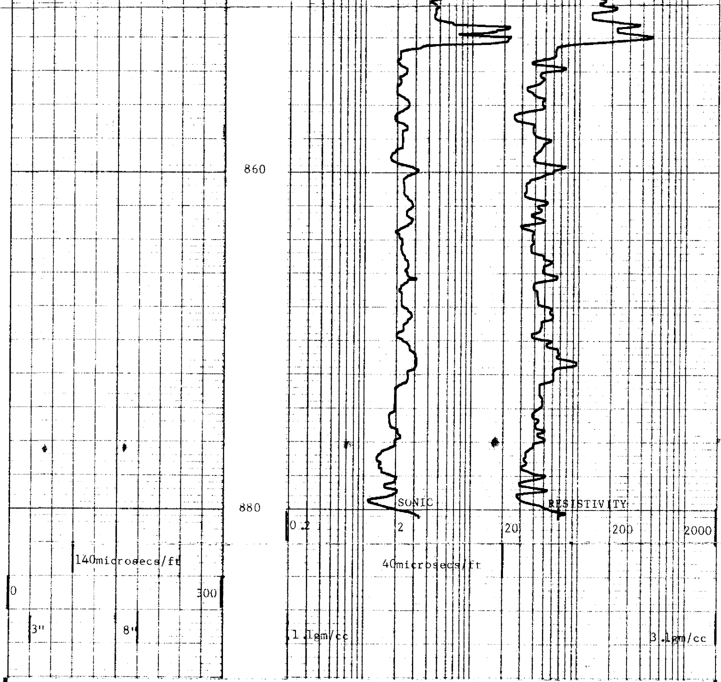






DD1 TOOL FAILURE (SE COMMENTS)





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