022 61-50 137-15 K.B.1155 T.D.10374

A Riley's REPRODUCTION CATALOGUE NO.: 164035 J

STATUS AT TIME LICENCE ISSUED:

PROVINCE YUKON TERRITORIES
FIELD WILDCAT
WELL SOBC WM SHAEFFER CK
COMPANY CHEVRON STANDARD LIMITED

SCHLUMBERGER

COMPENSATED

FORMATION DENSITY LOG

SCHLUMBERGER OF CANADA , Calgary, Alberta

COMPANY CHEVRON STANDARD LIMITED

WELL SOBC WM SHAEFFER CK
YT 0-22

FIELD WILDCAT

PROVINCE YUKON TERRITORIES

LOCATION 64° 41' 54" N LAT
137° 19' 40" W LONG

Other Services:
SLC-GR, SNP-GR, IES
GRN, MLC, CAL, DIL

Permanent Datum GL Elev. 1139
Log Measured From KB , 16 Ft. Above Perm. Datum

ELEV: KB 1155
GL 1139
CBF

Date	19 JAN 71	28 APR 71	
Run No.	ONE	ONE	
First Reading	1195	10373	
Last Reading	50	8300	
Feet Measured	1145	2073	
Depth Reached	1196	10374	
Bottom Driller	1205	10373	
Csg. SOC	-	1200	
Csg. Driller	-	1201	
Mud Nature	GEL CHEM	GEL	
Dens. | Visc.	10.2 | 117	11.1 | 365	|
Mud pH	-	10.0	
• Water Loss	-	5.0	
• Res.	7.92 @ 47 °F	RMFS @ RM-S °F	@ °F
• Rmf	6.37 @ 46 °F	2.27 @ 68 °F	@ °F
• • @ BHT	- @ - °F	0.75 @ 182 °F	@ °F
• Rmc	8.12 @ 46 °F	2.54 @ 60 °F	@ °F
• ppm - Cl.	-	-	
Bit Size	17 1/2	8 3/4"	
Source to Detector Spacing	16		
Equipment Type	[illegible]	[illegible]	
Opr. Rig Time	2.5 HRS	3 HRS	
Truck No.	SHAC 108 CM	SHAC 108 PEM	
Recorded By	[illegible]	[illegible]	
Witness	POLLARD	POLLARD	

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RILEY'S DATASHARE INTERNATIONAL LTD.
SCALED BY D.I. DATE 6/23/73
MO. DAY YR.
FILMED BY B.G. DATE 6/4/73
MO. DAY YR.

31 AUG 71 CAL CP

REMARKS 1st Run Service Order # 4293

Drilling Stopped 1800 / 18th : Circulation Stopped 2300 / 18th : Tool on Bottom 0830 / 19th : B.H.T. °F
RUN 2 1600 27th 0200 28th 2030 28th 182

Panel No. D 169
Cartridge No. A 156
Sonde No. E 90
Detector No. D 392

SLC-GR 18.5 HRS AFTER CIRCULATION 182°F
MUD SAMPLES: Rm #1 = 2.41 . 64°F
RUN 2 Rm #2 = 2.36 . 64°F
Rm #3 = 2.42 . 65°F

CALIBRATION:	Background CPS	Test Source CPS	Galvanometer Deflection Div.	Panel Sens. Tap for Cal.
Gamma Ray	60	420	8.25	500
	40	250	10.0	23P-0

GAMMA RAY API UNITS	DEPTHS	BULK DENSITY ρ_b - gm/cc

Speed in FPM

Sens. 150 T.C. 2

Zero 5 div. to left

0 150

150 300

CALIPER
hole diameter in inches

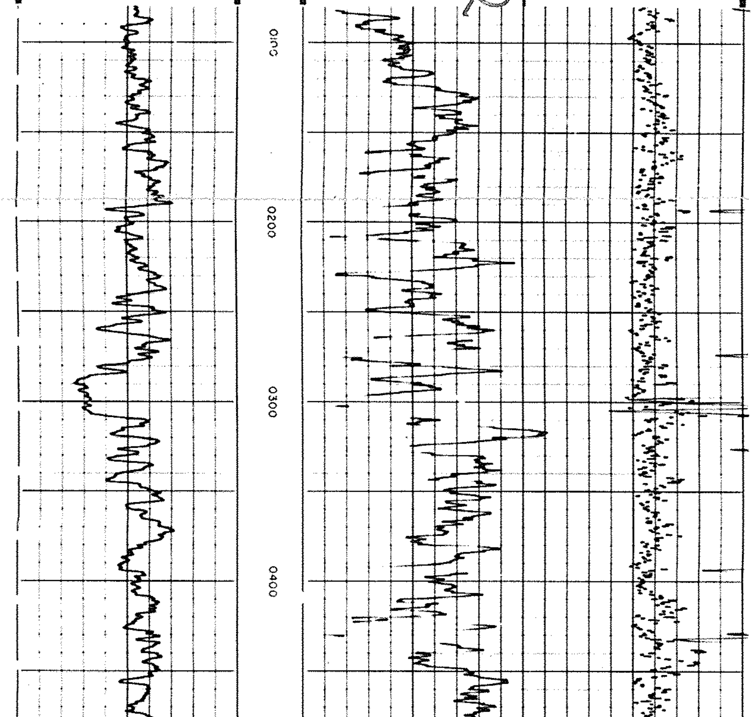
6 7 8 9 10 11 12 13 14

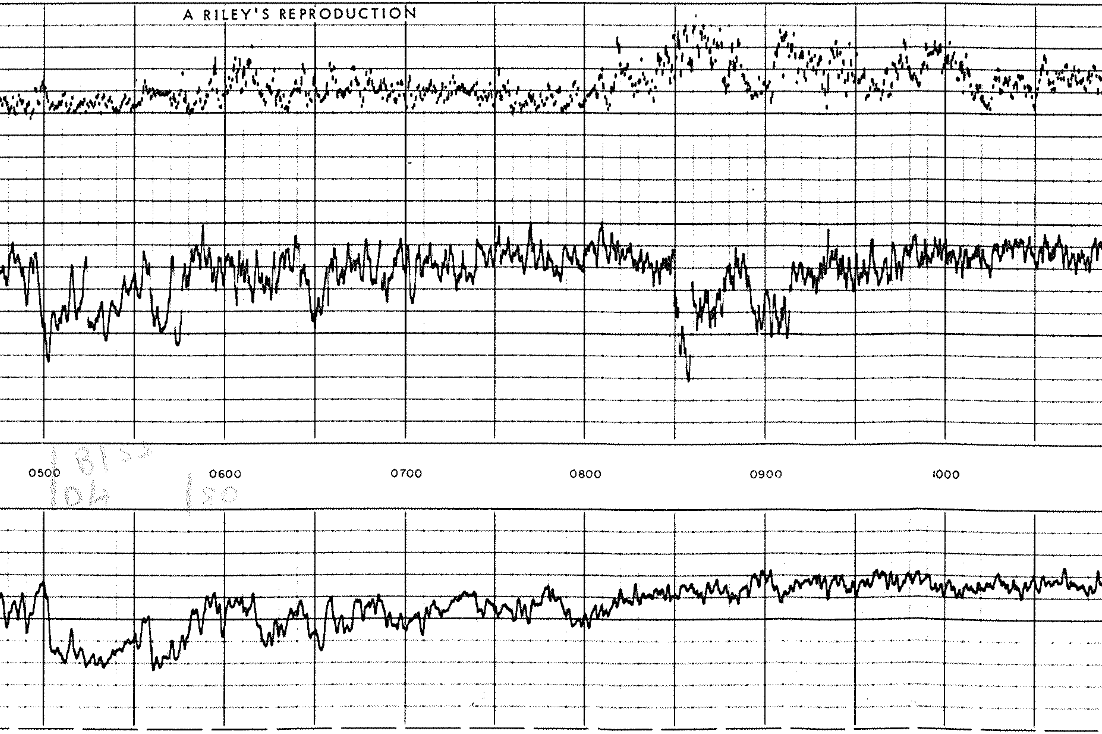
2.0 2.5 3.0

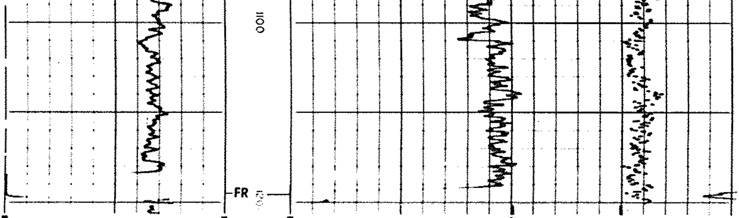
Q-29

DENSITY CORRECTION
ΔP - gm/cc

0.25 (-) 0 0.25 (+)







6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

(–) 0.25 0 (+) 0.25

DENSITY CORRECTION
$\Delta\rho$ - gm/cc

Sens. 150 T.C. 2
Zero 3 div. to left
150
300

Speed in FPM

2.0 2.5 3.0

GAMMA RAY
API UNITS

DEPTHS

BULK DENSITY
ρ_b - gm/cc

DETAIL LOG
5" = 100' RUN 2

GAMMA RAY
API UNITS

DEPTHS

BULK DENSITY
ρ_b - gm/cc

Sens. 100 T.C. 2
Zero 3 div. to left
100
200

Speed in FPM

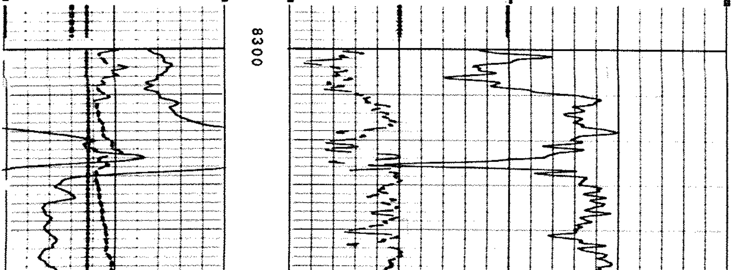
2.0 2.5 3.0

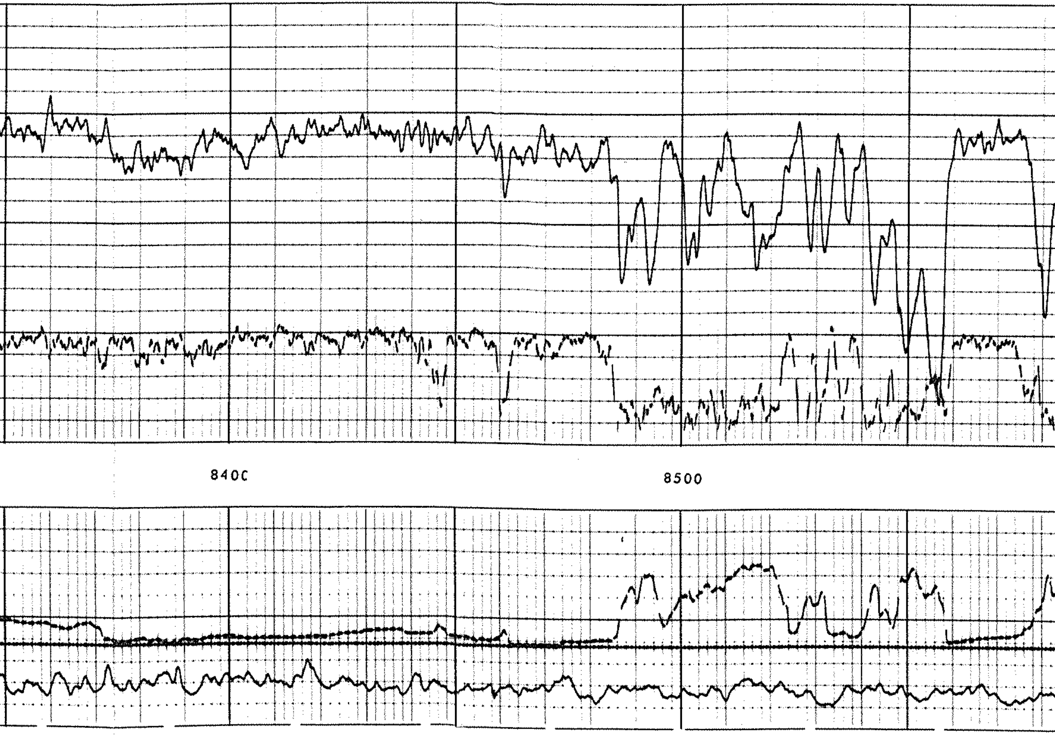
CALIPER
hole diameter in inches

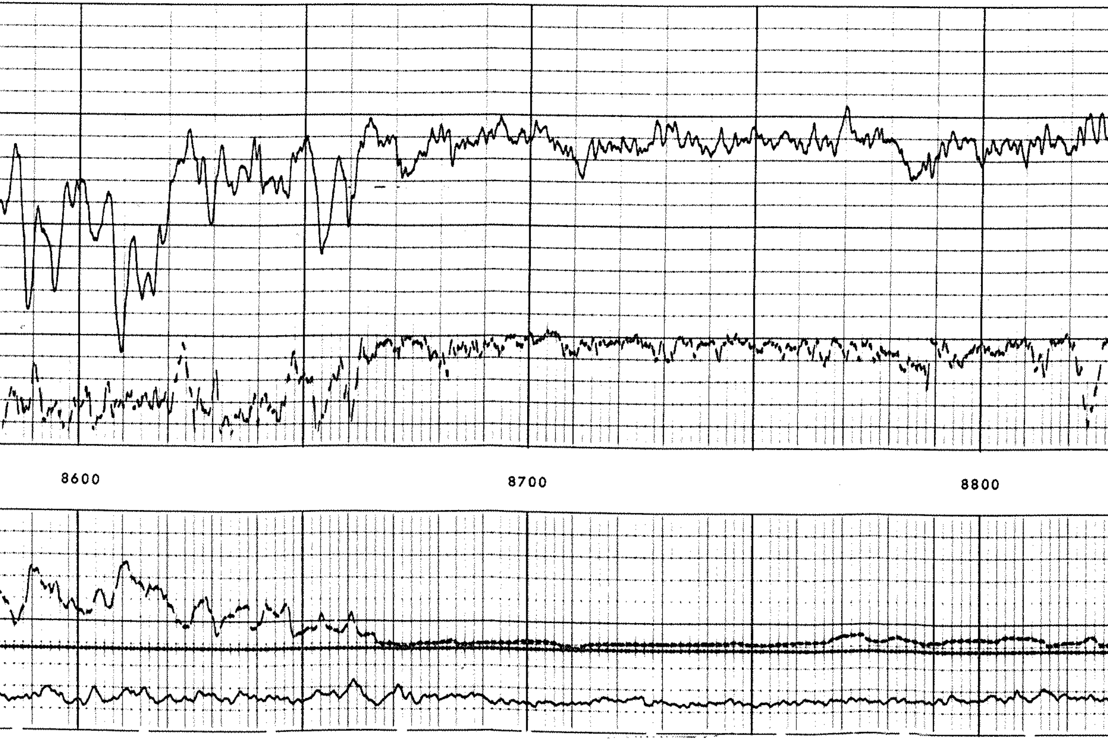
DENSITY CORRECTION
$\Delta\rho$ - gm/cc

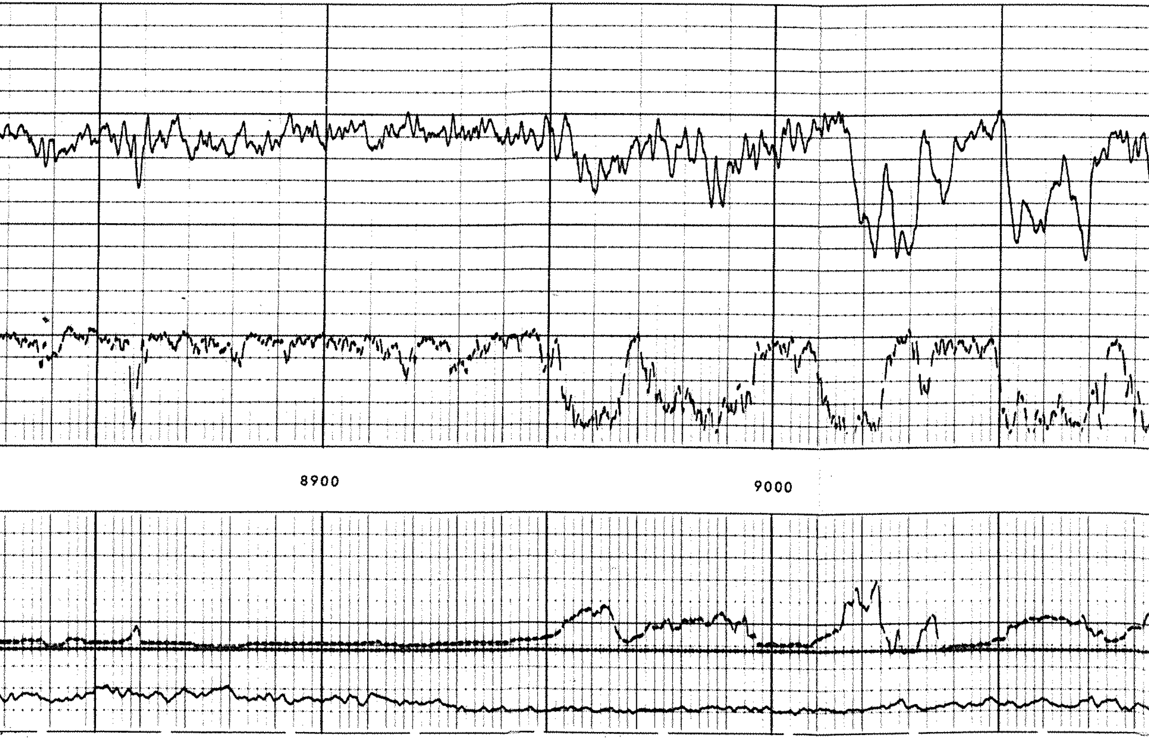
6 7 8 9 10 11 12 13 14

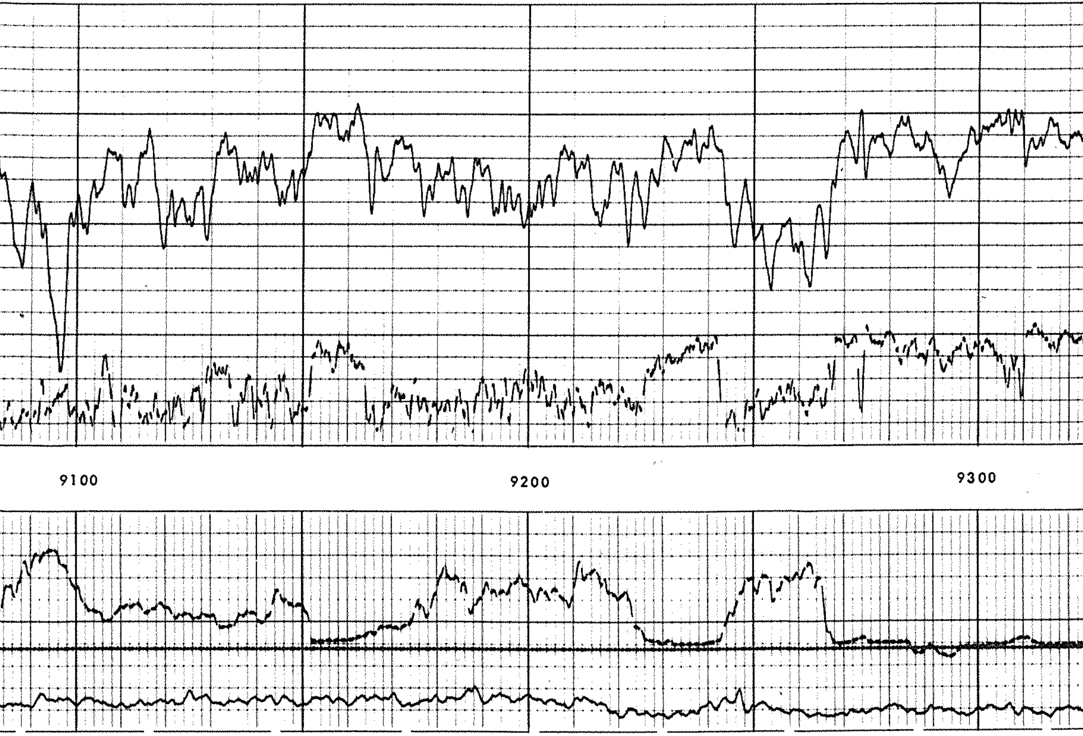
0.25 (+) 0 0.25 (–)

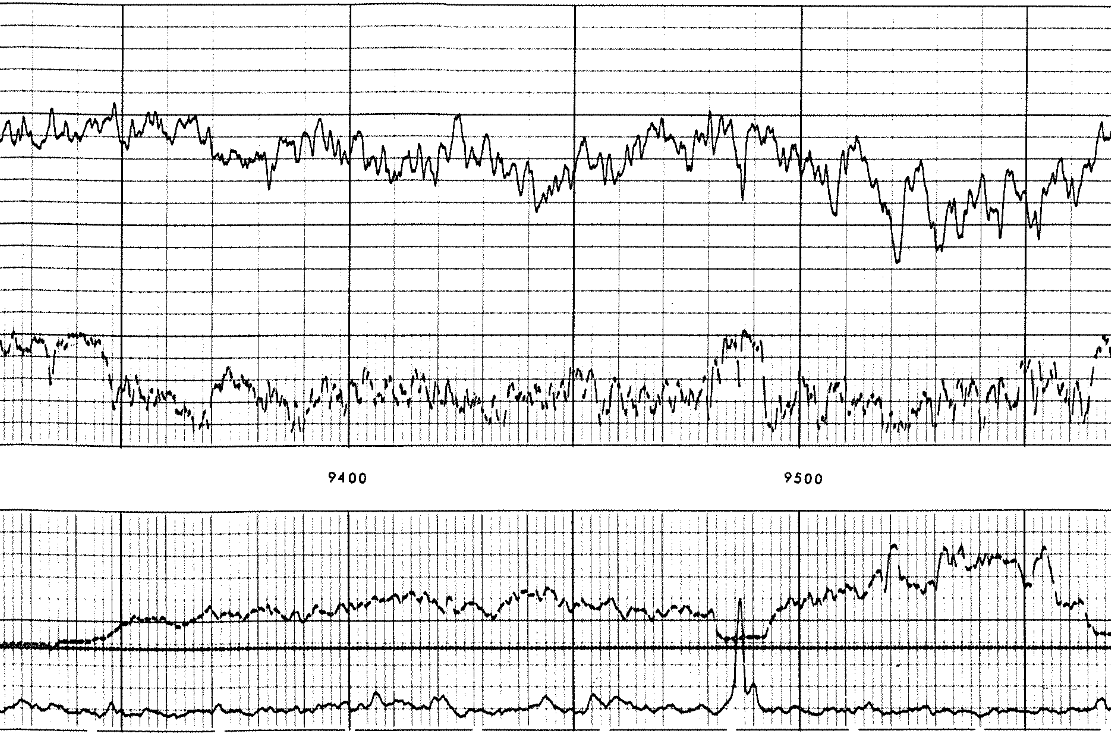


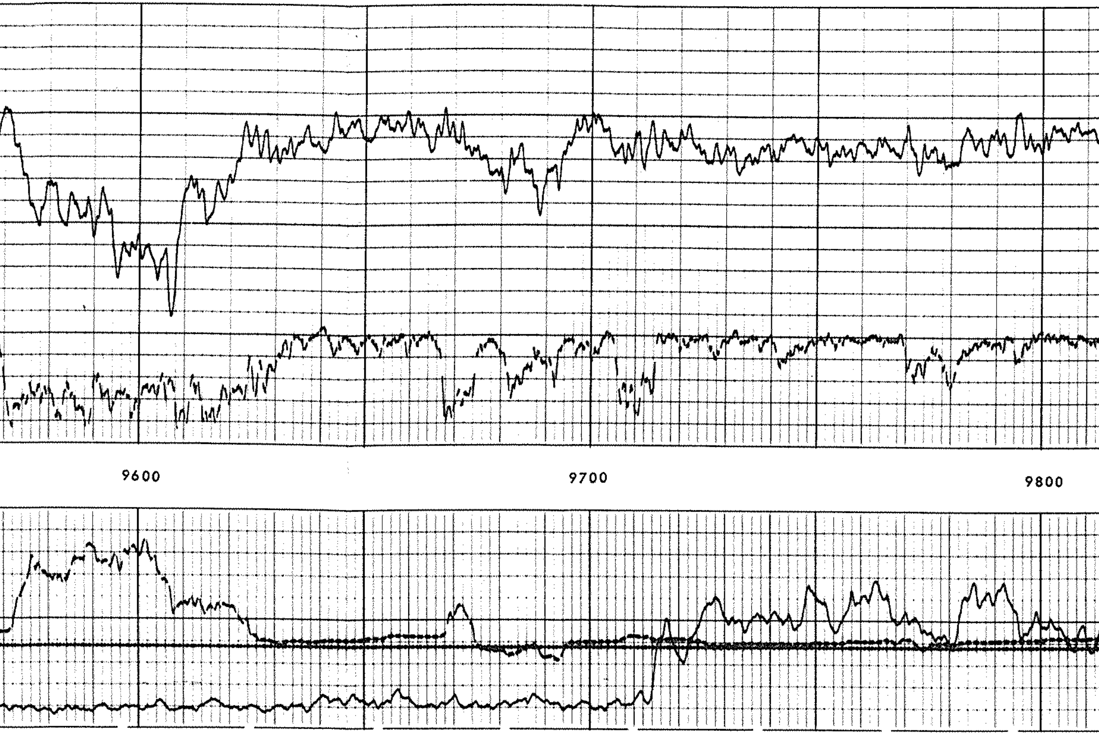


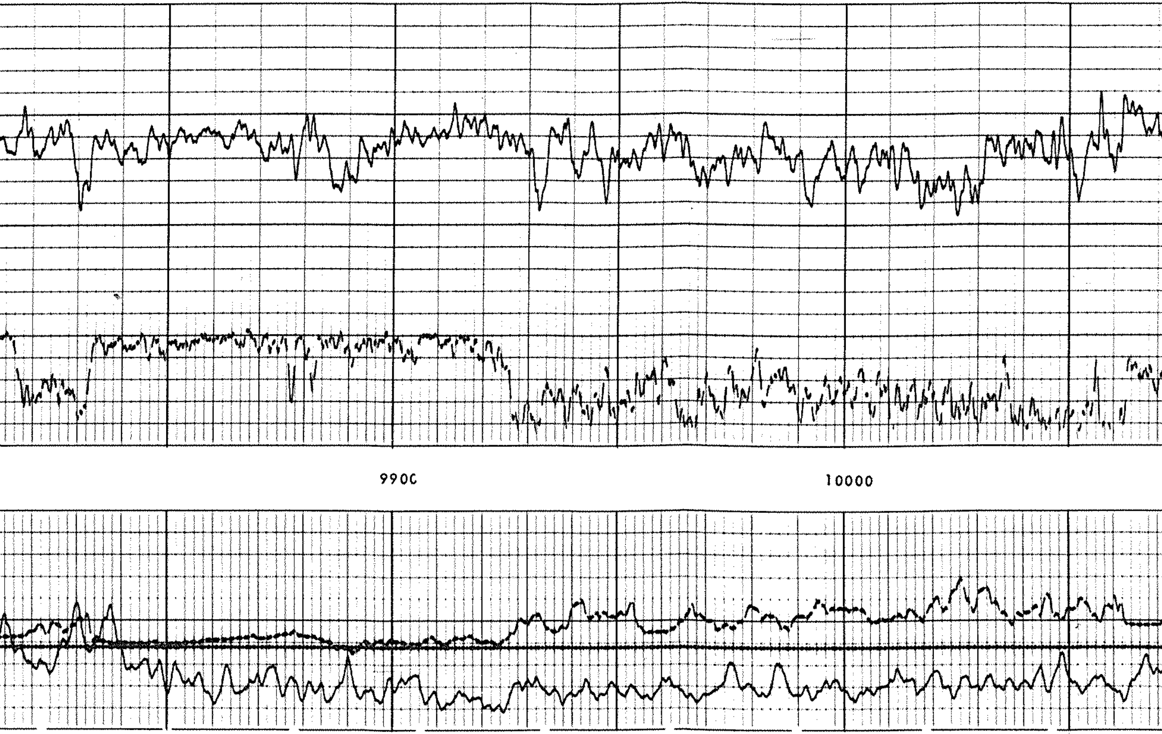


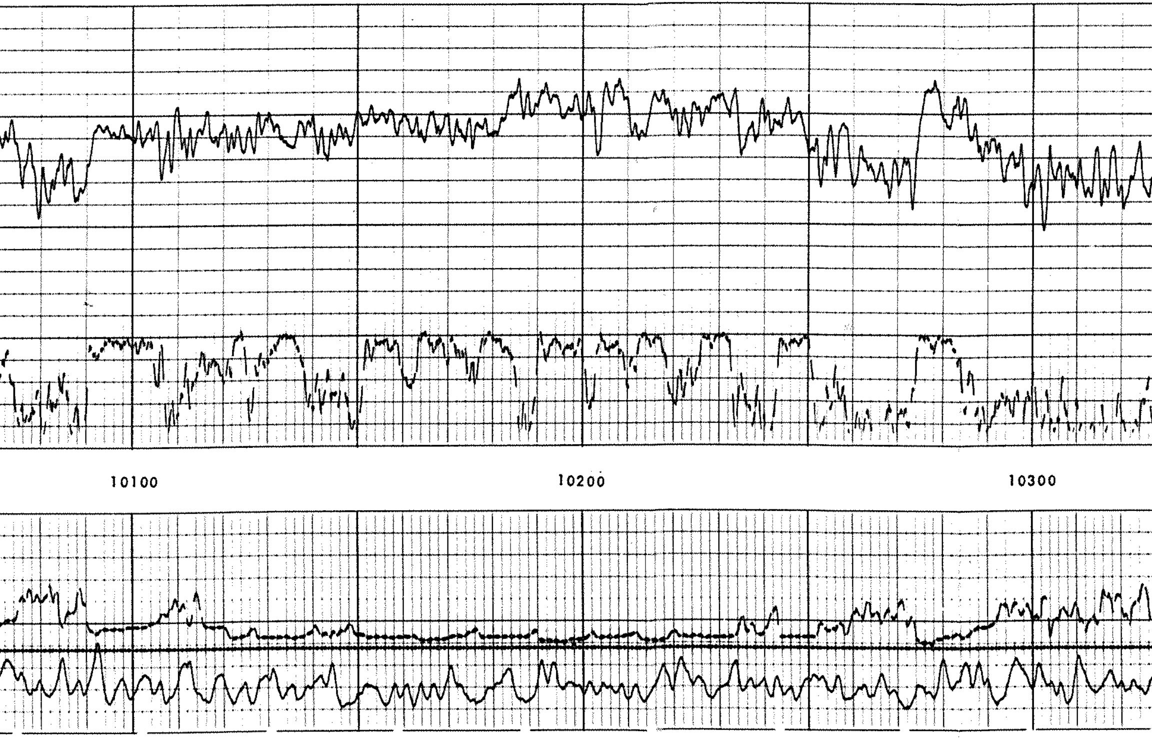


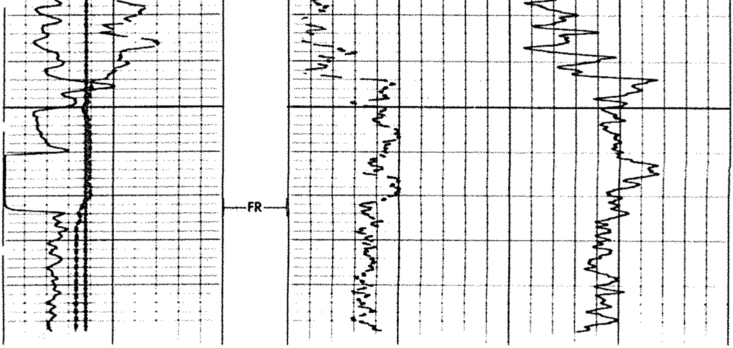




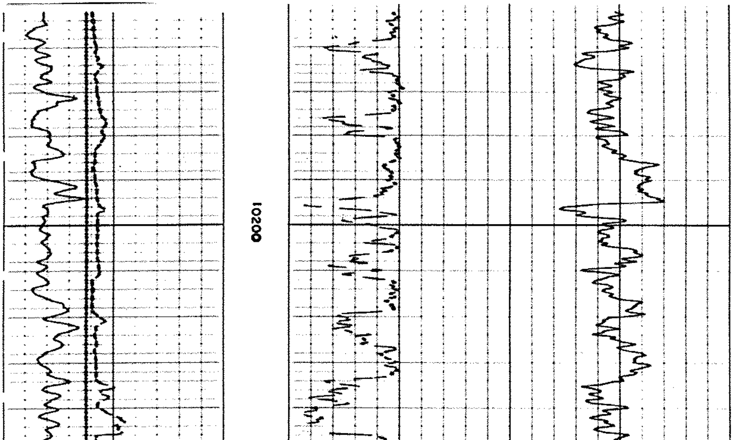


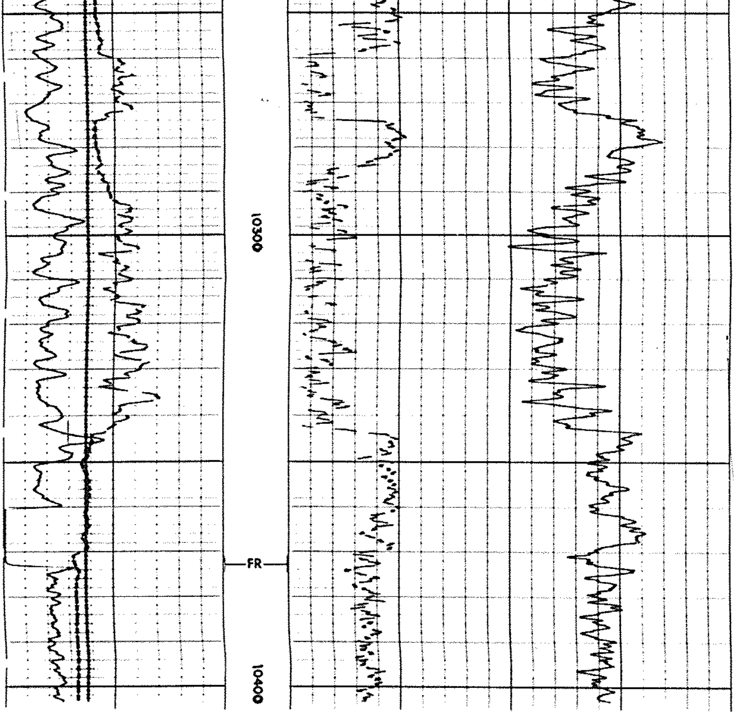






REPEAT SECTION





6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

Sens. 100 T.C. 2
Zero 0 div. to left
0 100
100 200

← Speed in FPM →

GAMMA RAY
API UNITS

DEPTHS

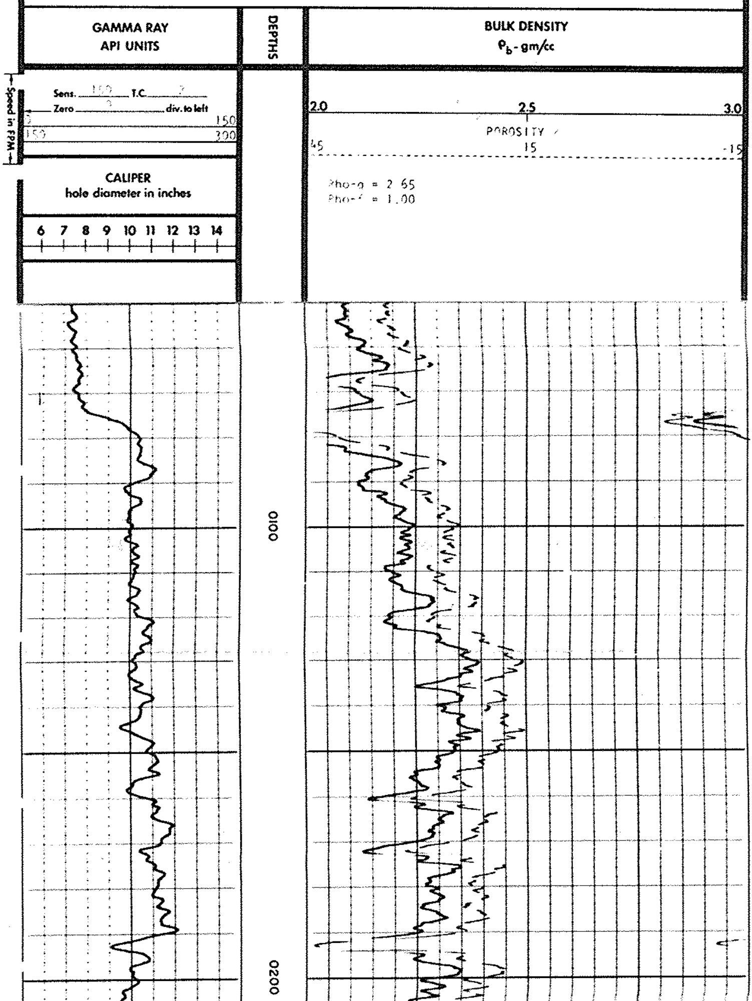
(+) 0.25 0 (−) 0.25

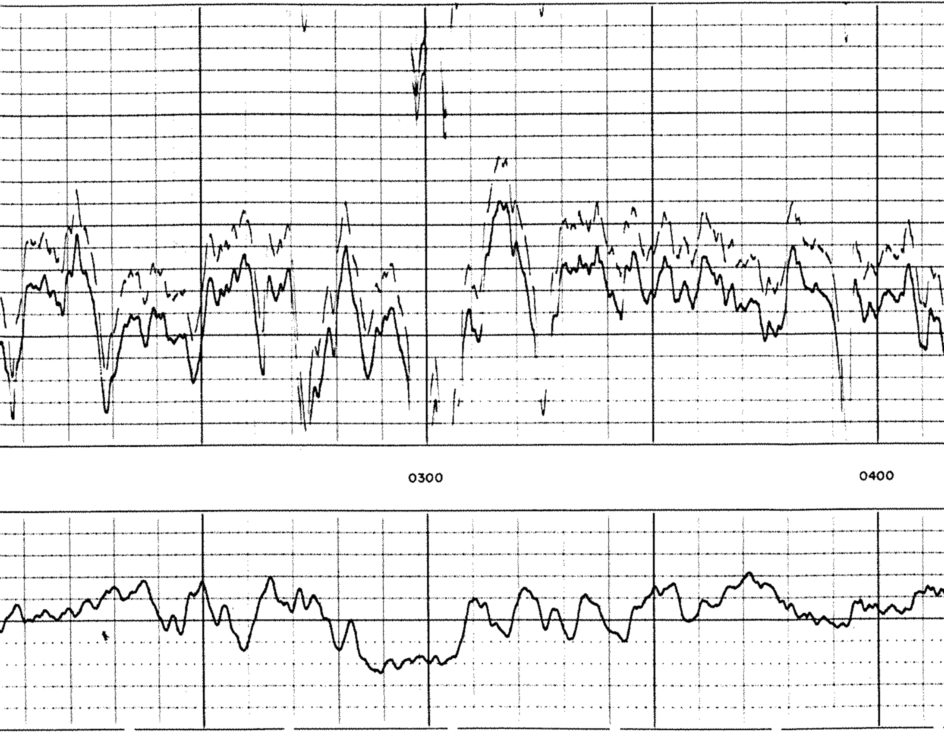
DENSITY CORRECTION
$\Delta\rho$ - gm/cc

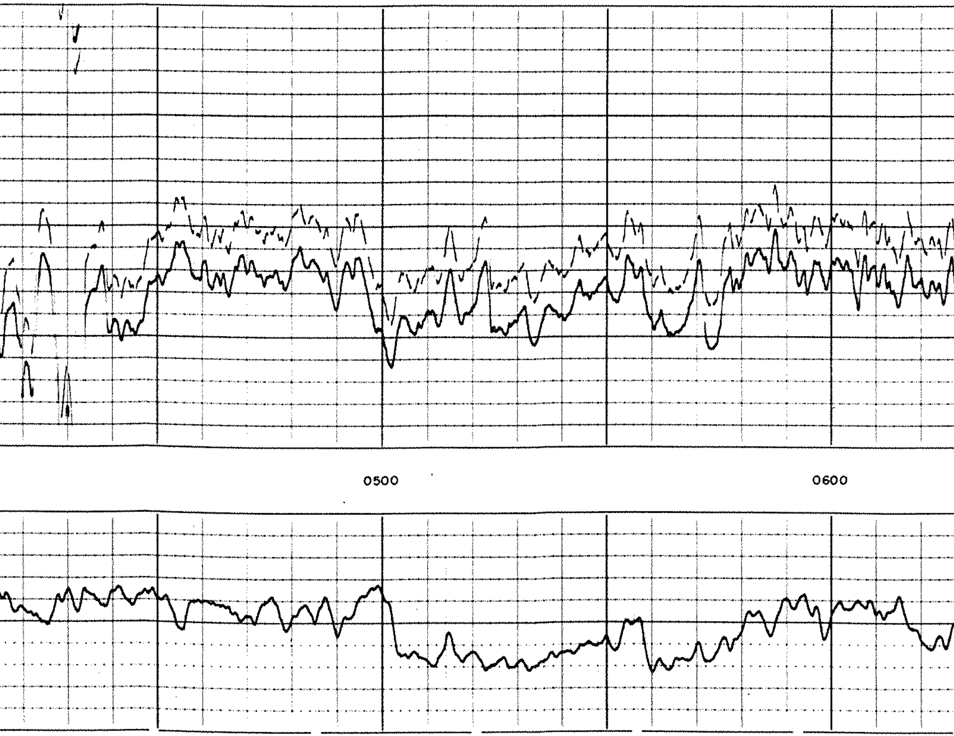
2.0 2.5 3.0

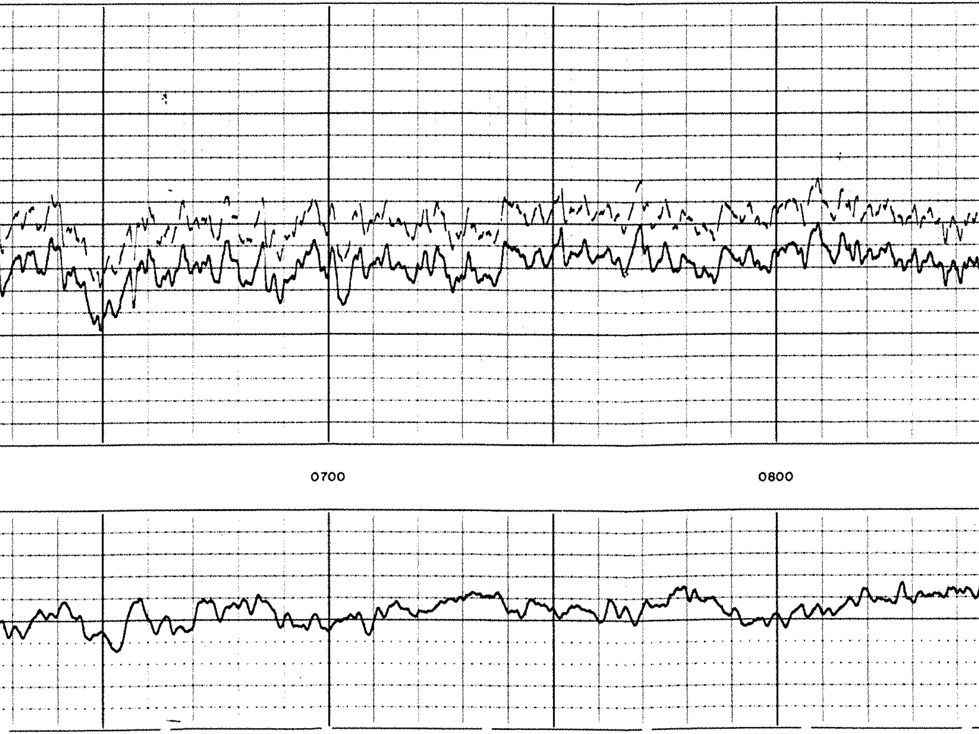
BULK DENSITY
ρ_b - gm/cc

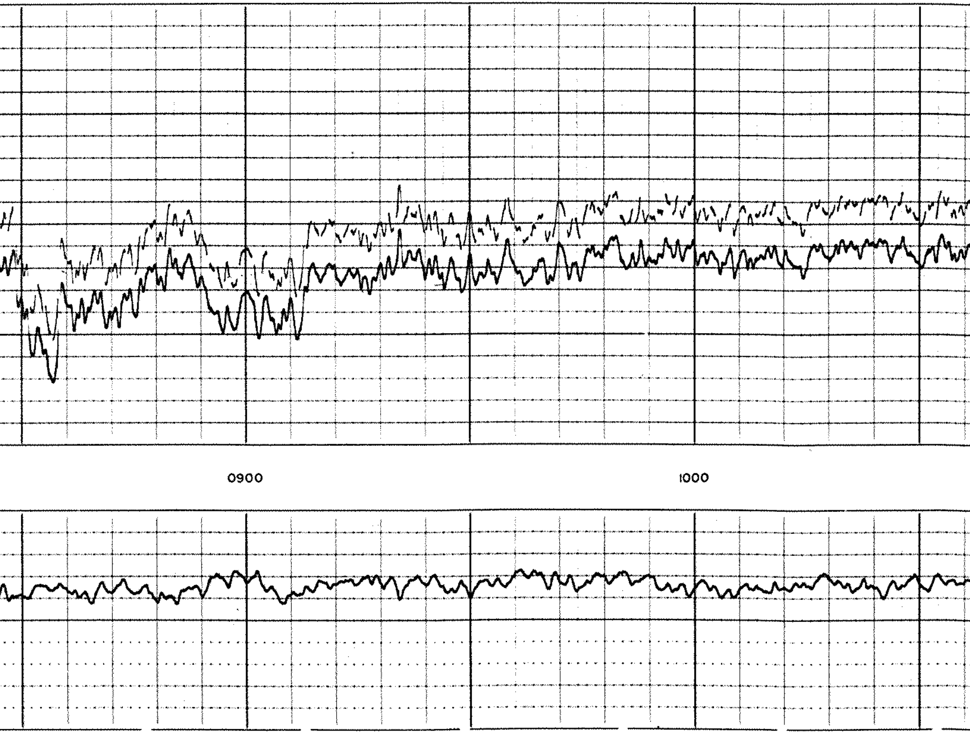
DETAIL LOG
5" = 100'
RUN 1

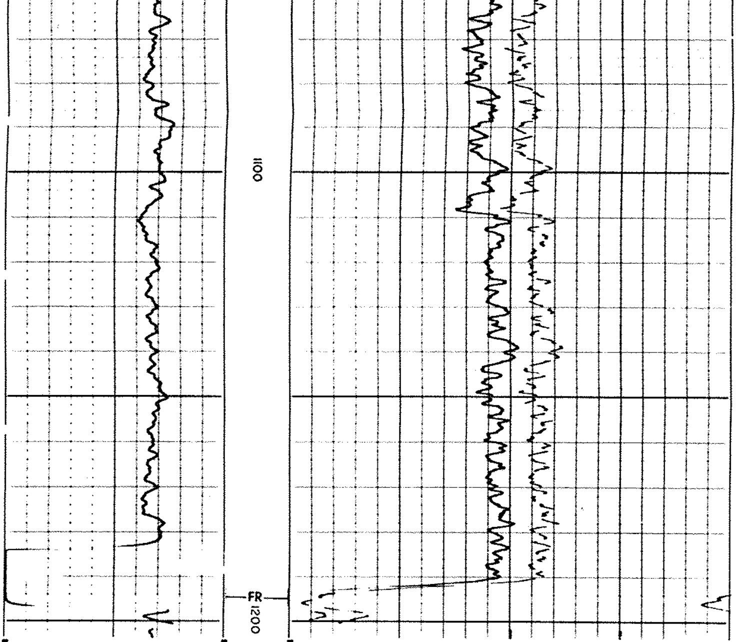












6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

Speed in FPM

Sens. 150 T.C. 2
Zero 0 div. to left

0 150
150 300

GAMMA RAY
API UNITS

DEPTHS

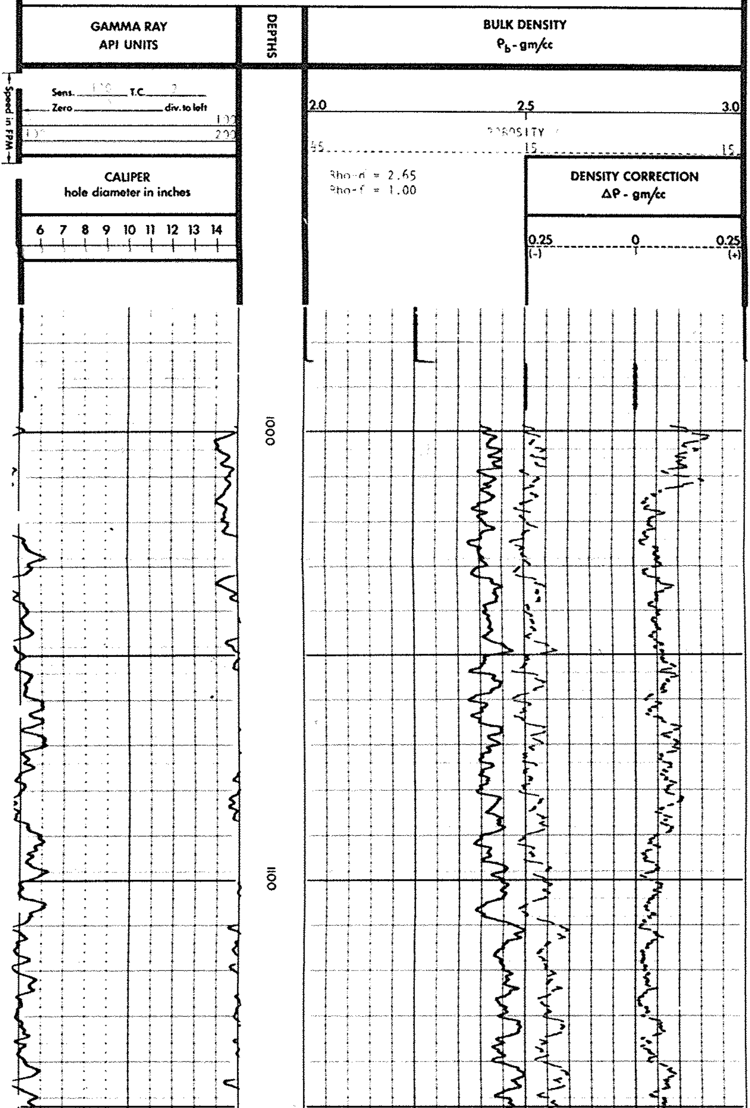
Rho-a = 2.65
Rho f = 1.00

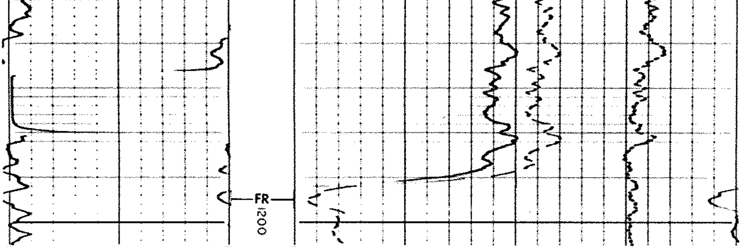
45 15 -15
POROSITY

2.0 2.5 3.0

BULK DENSITY
ρ_b - gm/cc

DETAIL LOG
5" — 100' RUN 1





6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

Speed in FPM

Sens. 100 T.C. 2
Zero 0 div. to left
0 100
100 200

GAMMA RAY
API UNITS

DEPTHS

Rho-g = 2.65
Rho-f = 1.00

45 15 -15
POROSITY
2.0 2.5 3.0

BULK DENSITY
ρ_b - gm/cc

(-) 0.25 0 (+) 0.25

DENSITY CORRECTION
$\Delta\rho$ - gm/cc

DETAIL LOG
5" = 100'

[illegible]

CALIPER
hole diameter in inches

DEPTHS

POROSITY (%)

6 7 8 9 10 11 12 13 14

Speed in FPM

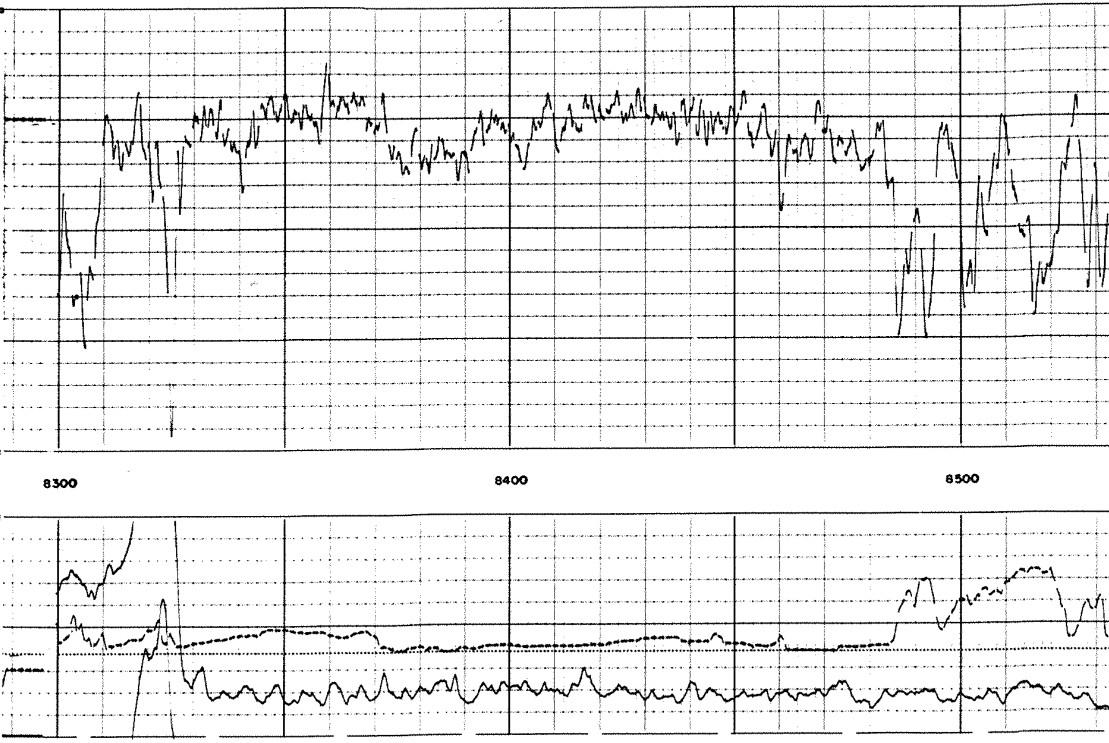
GAMMA RAY
API UNITS

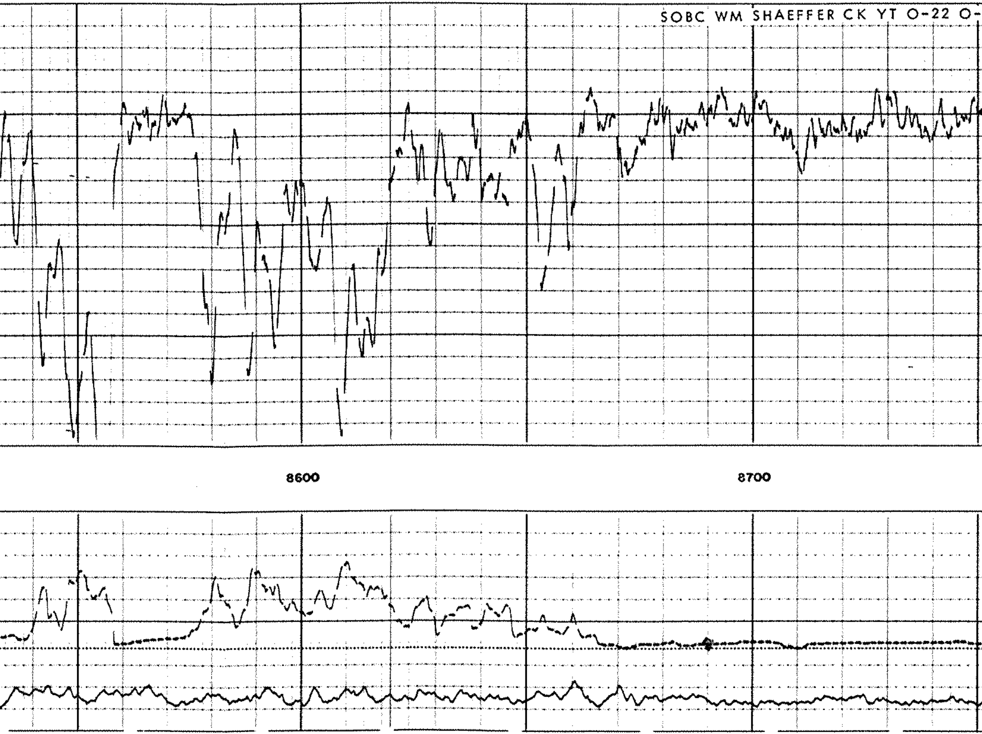
Sens. 100 T.C. 2
Zero 0 div. to left
0 100
100 200

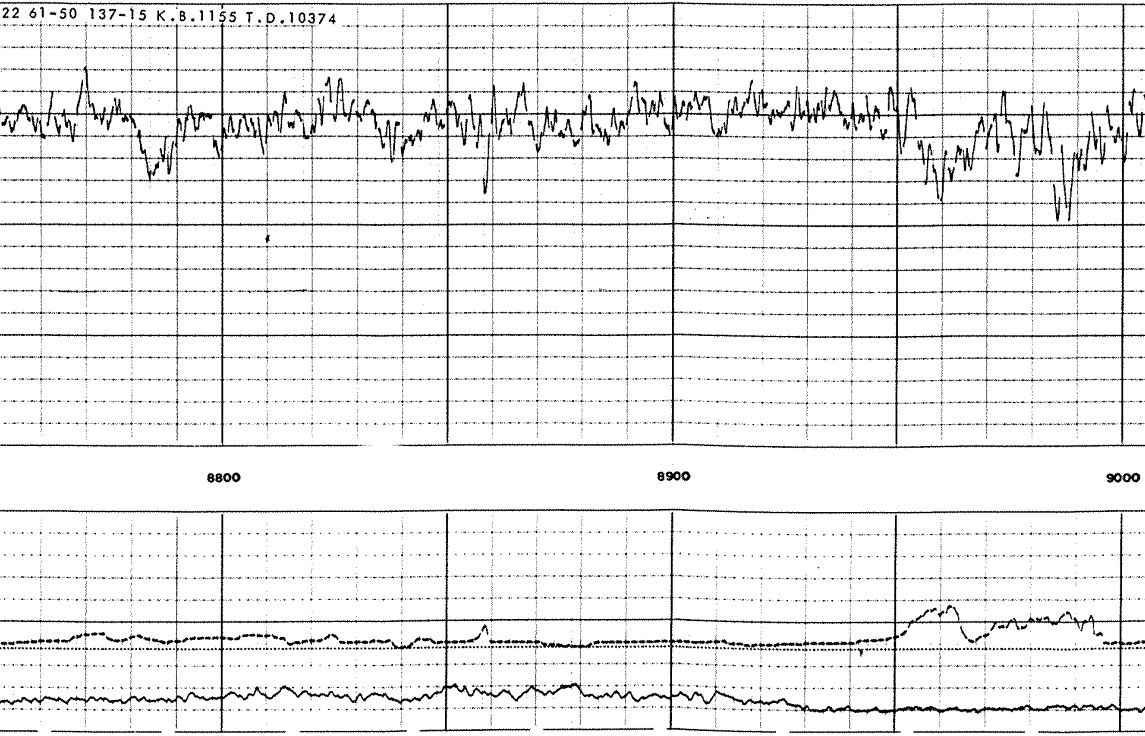
LIMESTONE

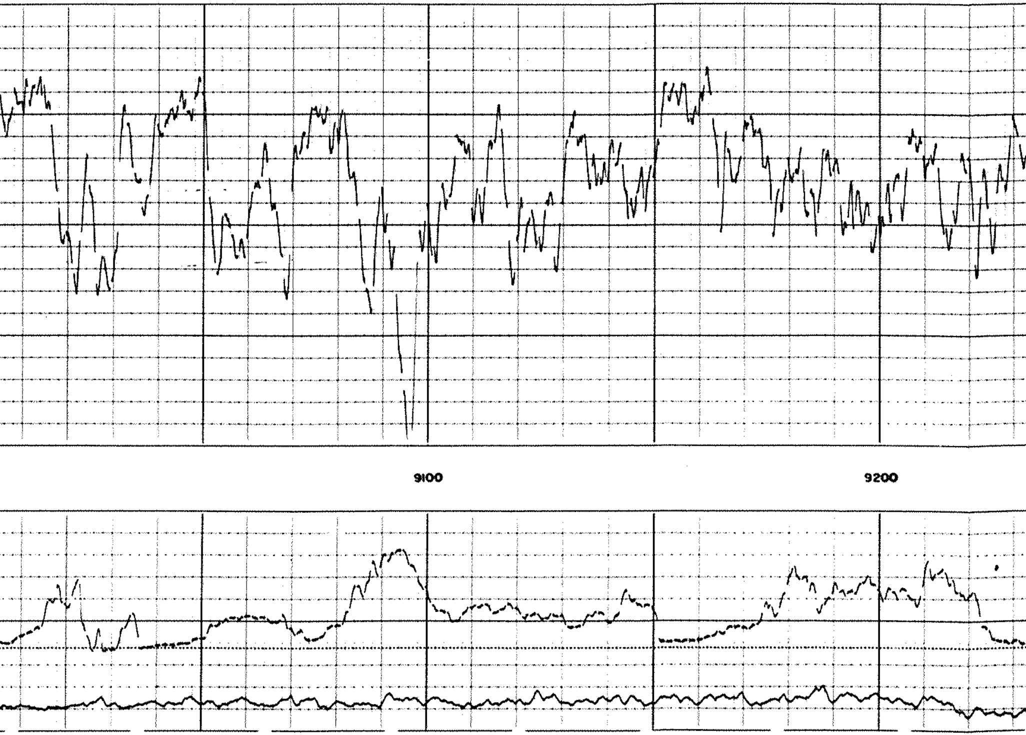
30 20 10 0 -10

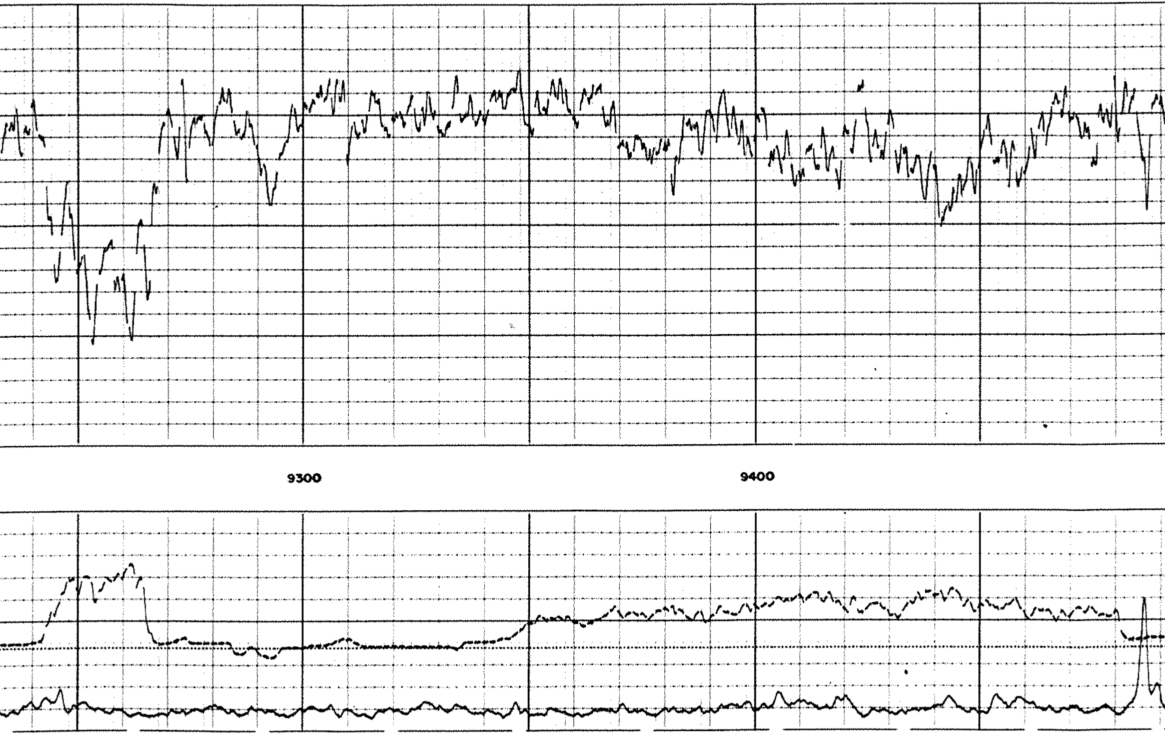
Rho-g = 2.71
Rho-f = 1.00

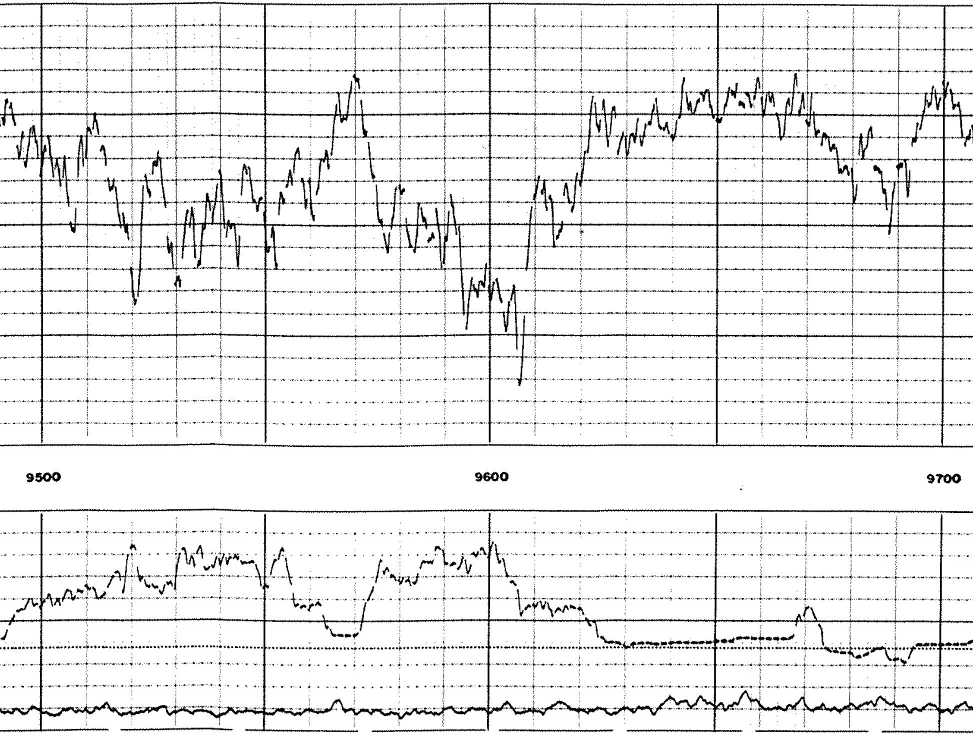


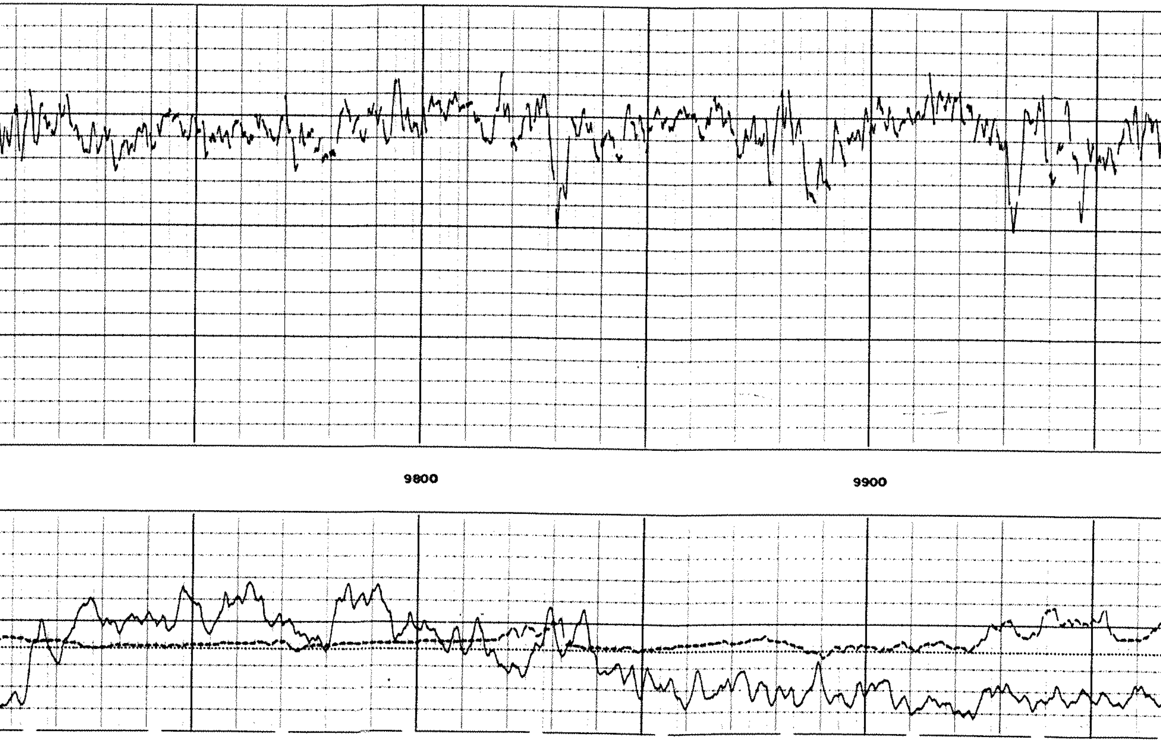


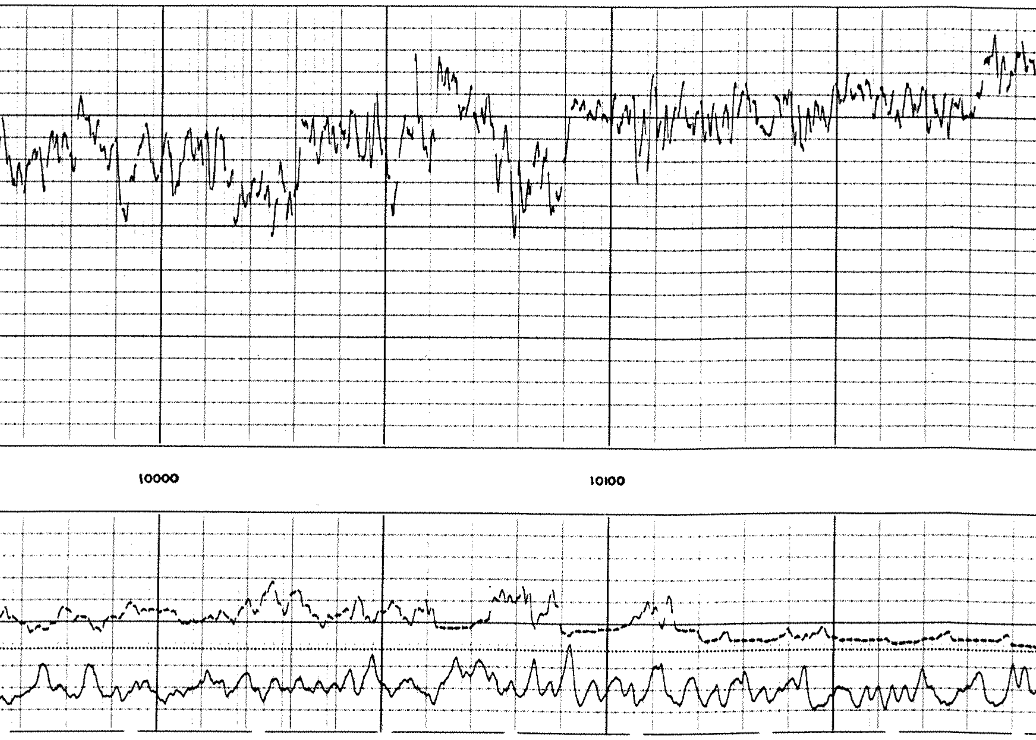


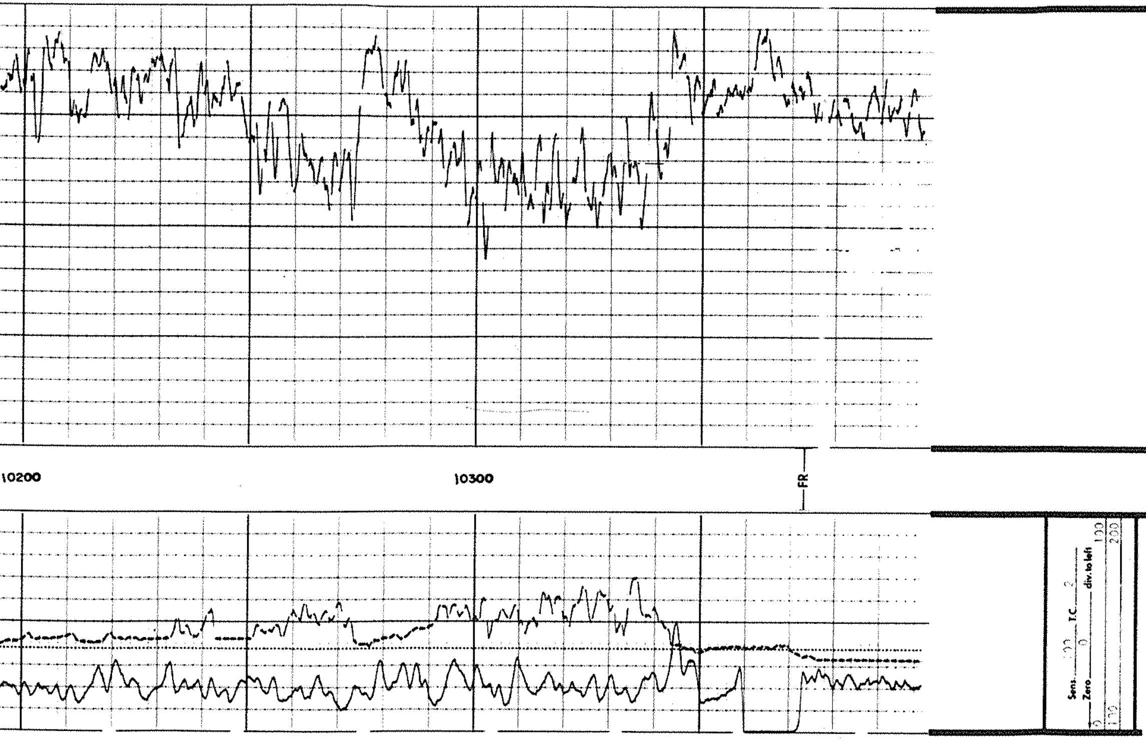












Rho ma = 2.71
Rho f = 1.00

GAMMA RAY
API UNITS

Speed in FPM

6 7 8 9 10 11 12 13 14

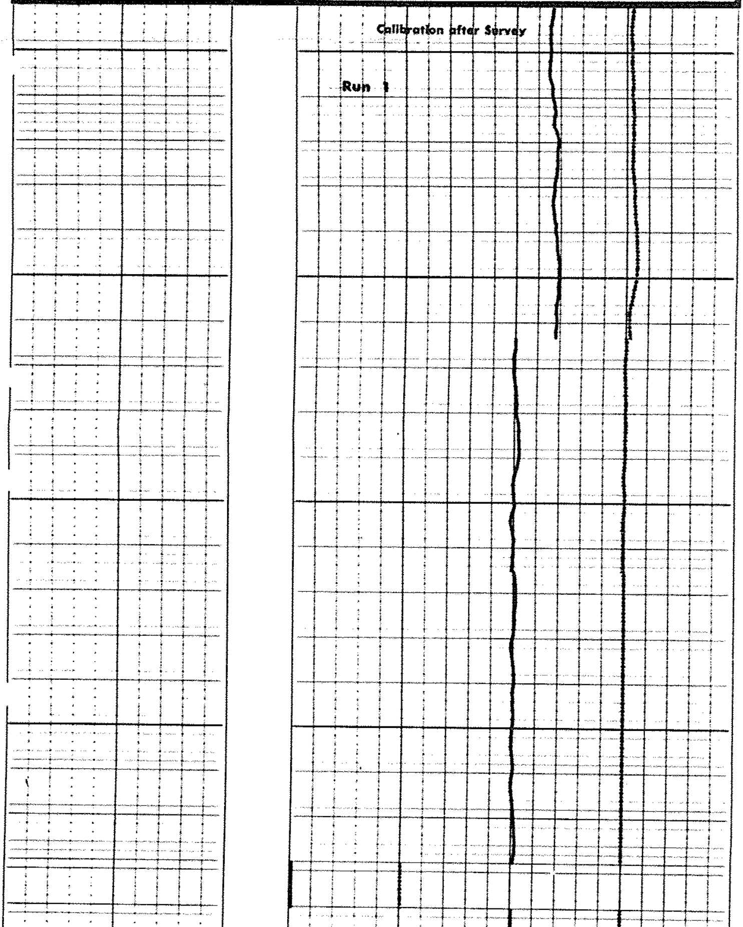
30 20 10 0 -10

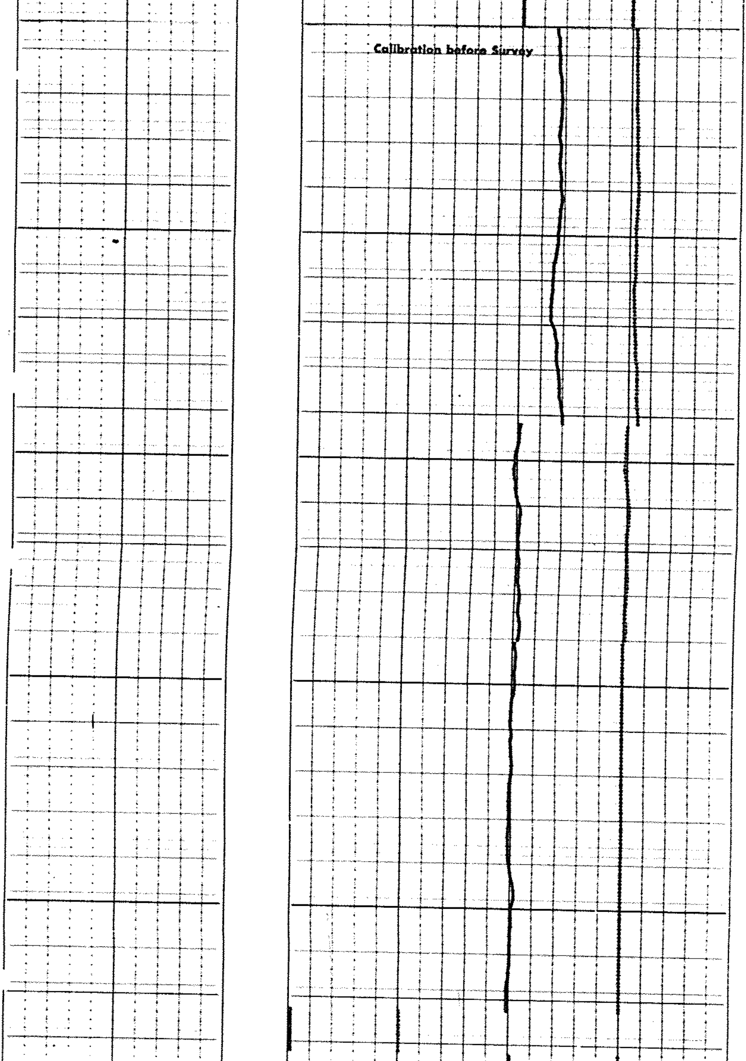
LIMESTONE

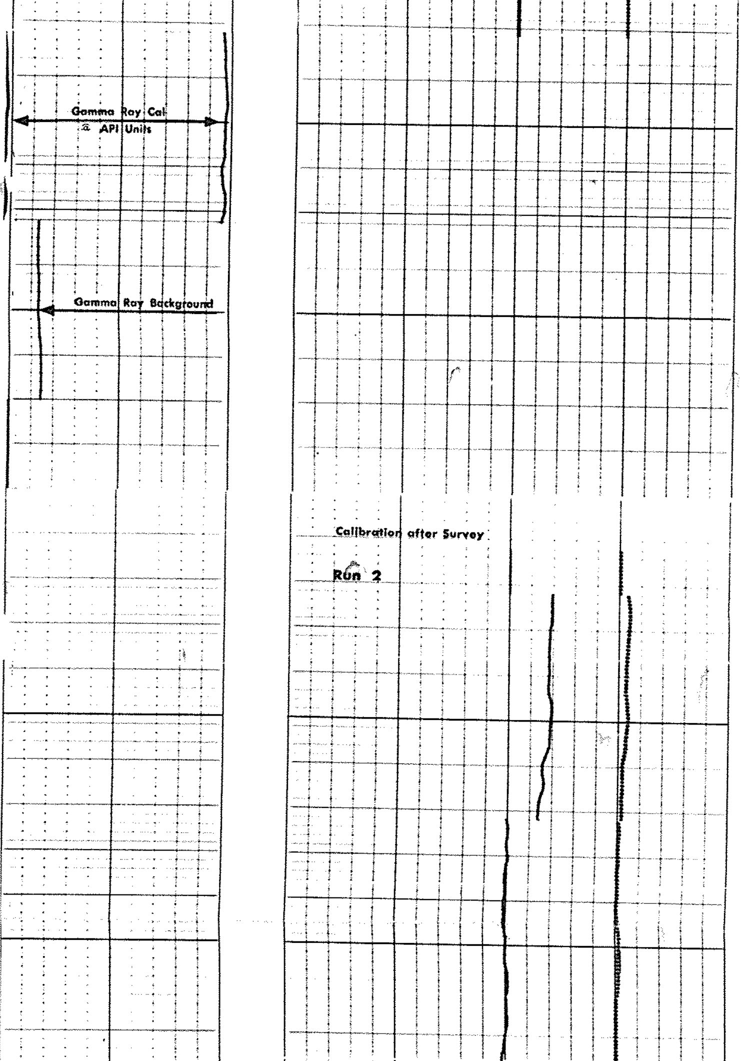
CALIPER
hole diameter in inches

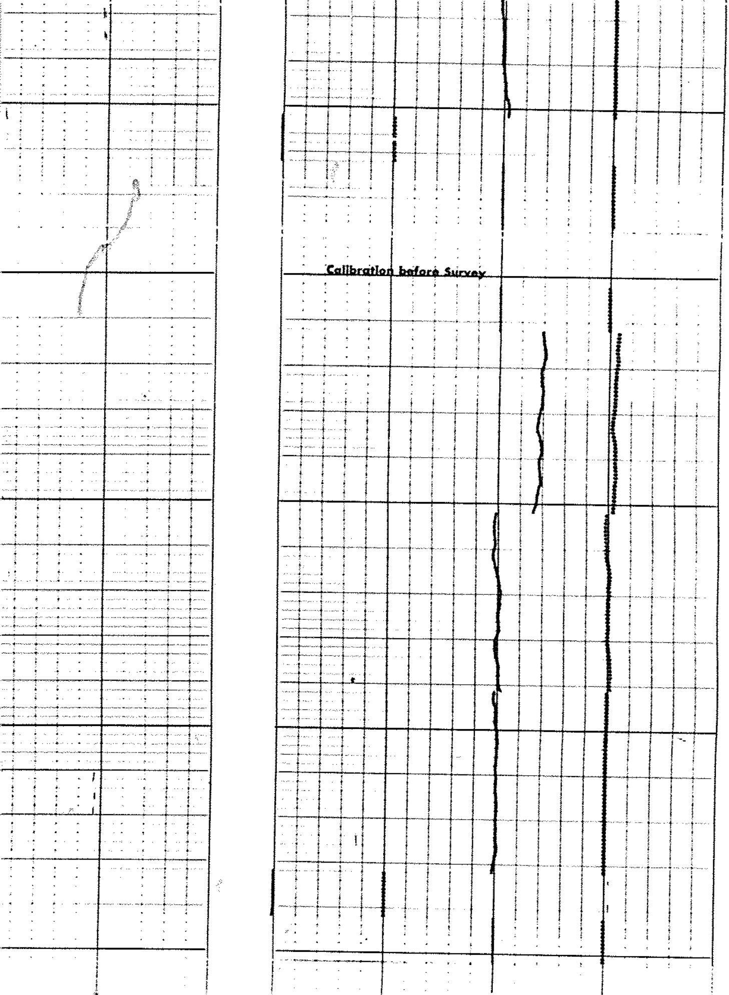
DEPTHS

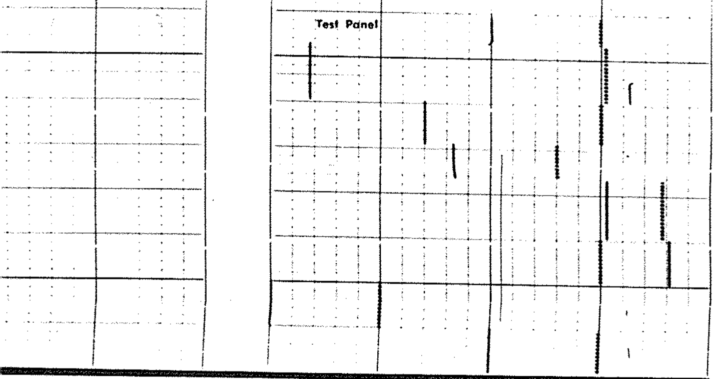
POROSITY (%)











COMPANY CHEVRON STANDARD LIMITED

WELL SOBC WM SHAEFFER CK YT 0-22

FIELD WILDCAT PROVINCE YUKON TERRITORIES

Schlumberger

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