021-104

PERMIT # 801

801

Schlumberger

BOREHOLE COMPENSATED SONIC LOG

FLORIDA GEOLOGICAL SURVEY
2295 VICTORIA AVENUE, SUITE 179
FT. MYERS, FLORIDA 33901

COUNTY	COLLIER, FLA.
FIELD or LOCATION	BEAR ISLAND SEC. 3-49S-30E
WELL	GULF COAST REALTIES 3-5
COMPANY	TRIBAL & EXXON

COMPANY TRIBAL OIL COMPANY & EXXON COMPANY, U.S.A.
WELL GULF COAST REALTIES 3-5
FIELD BEAR ISLAND
COUNTY COLLIER STATE FLORIDA
LOCATION API Serial No. 09021-20053
Sec. Twp. 49S Rge. 30E

Other Services:
FDC/CNL/GR
& DIL-GR.
FILE #8486

Permanent Datum: GROUND LEVEL ; Elev.: 18.8'
Log Measured From RKB , 16 Ft. Above Perm. Datum
Drilling Measured From RKB

Elev.: K.B. 34.8
D.F. 34.3
G.L. 18.8

Date	9/05/76	9/10/76	9/29/76	
Run No.	ONE	TWO	THREE	
Depth—Driller	1700	3612	11608	
Depth—Logger	1703	3611	11605	
Btm. Log Interval	1697	3609	11603	
Top Log Interval	206	1698	8000	
Casing—Driller	20" @200	13-3/8@ 1700	9-5/8@3612	@
Casing—Logger	197	1698	-	
Bit Size	17-3/4	12½"	8-3/4	
Type Fluid in Hole	F.G.M.	NO RETURNS	GEL.CAUSTIC	
Dens. | Visc.	9.7 | 36	- | -	9.1 | 36	|
pH | Fluid Loss	8.0 | 28 ml	- | - ml	11.0 | 12 ml	| ml
Source of Sample	FLOW LINE	-	FLOW LINE	
R_m @ Meas. Temp.	4.41 @ 78 °F	- @ - °F	1.57 @ 75 °F	@ °F
R_{mf} @ Meas. Temp.	3.30 @ 78 °F	- @ - °F	1.25 @ 75 °F	@ °F
R_{mc} @ Meas. Temp.	- @ - °F	- @ - °F	1.75 @ 75 °F	@ °F
Source: R_{mf} | R_{mc}	M | -	- | -	M | C	|
R_m @ BHT	- @ 100 °F	- @ - °F	0.64 @185 °F	@
TIME Circulation Stopped	0700	0900	0100	
TIME	1200	1200	1300	
Max. Rec. Temp.	100 °F	- °F	185 °F	°F
Equip. | Location	5656-FT.MY	7644 FT.MY	7644-FT.MYERS	
Recorded By	RANGE	RANGE	RANGE	
Witnessed By	SHOWS	SHOWS	OCAMB-LARKIN	

SWS-1384-G

FOLD HERE

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

Run No.	ONE	TWO	THREE	
Service Order No.	19322	19322	19322	
Fluid Level	FULL	FULL	FULL	

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole
SONIC	7950	140-90-40	100-70-40

EQUIPMENT DATA

Sonic Panel No.	358	358	358	
Sonic Cart No.	302	302	302	
Sonic Sonde No.	348	348	348	
Mem. Panel No.	340	340	340	
G.R. Cart. No.	127	127	127	
G.R. Panel No.	340	340	340	
Caliper No.	1129	1129	1129	
TTR No.	-	-	-	
Centralizers: No.	FIN	FIN	FIN	
Type	1¼	1½"	1½"	
Standoffs: No.				
Type				
Time Const.-Sec.	AUTO	AUTO	AUTO	
Speed - F.P.M.	66	66	66	

LOGGING DATA

Porosity Selectors Δt_m	Δt_f	Cp	Ø Scale	Depth From	To

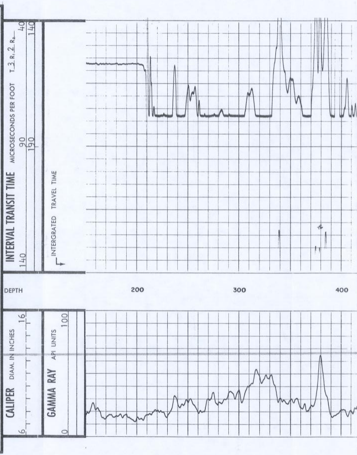
REMARKS

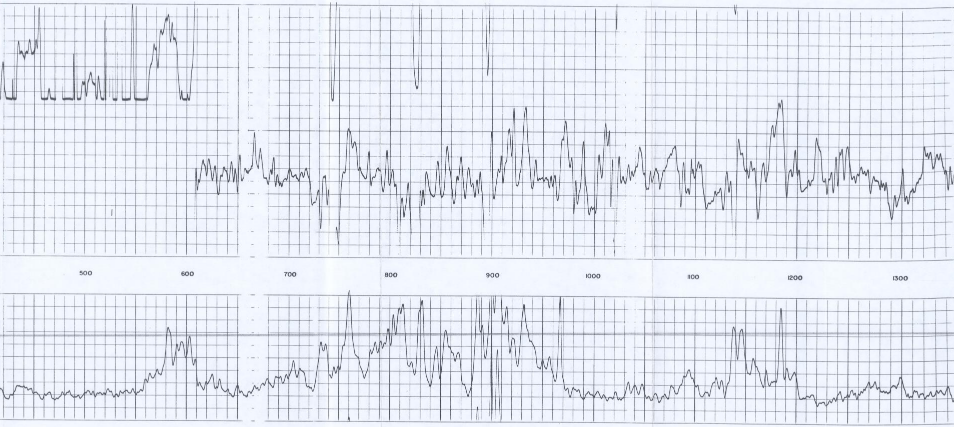
Velocity (ft/sec) = 1,000,000 / Interval Transit Time (microseconds per foot)

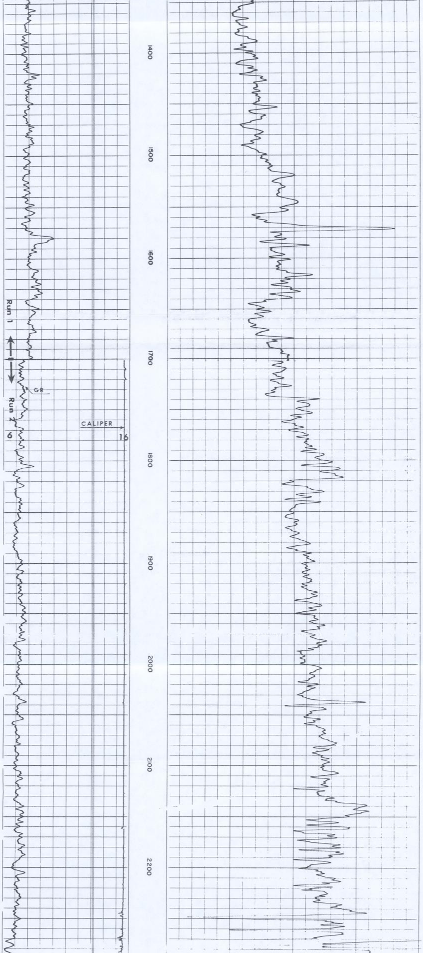
CALIBRATION DATA

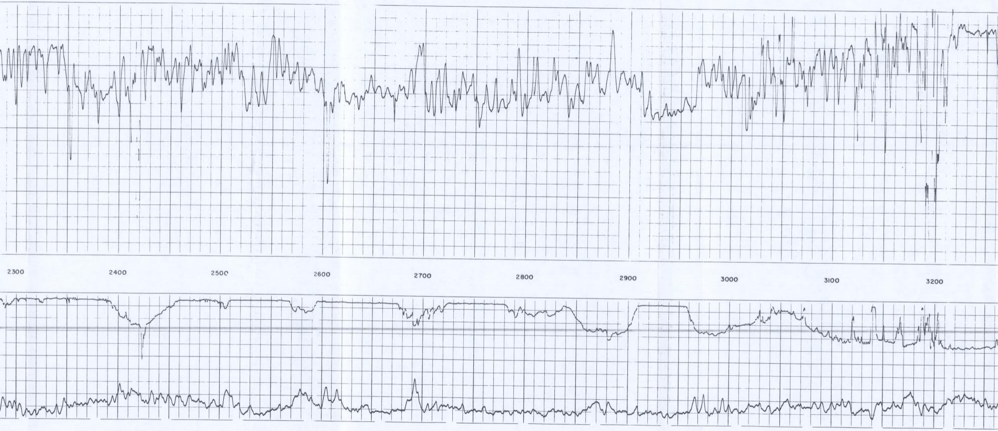
GR	BKG. CPS	60	60	60	
	Source CPS	460	460	460	
	Tc Sec	AUTO	AUTO	AUTO	

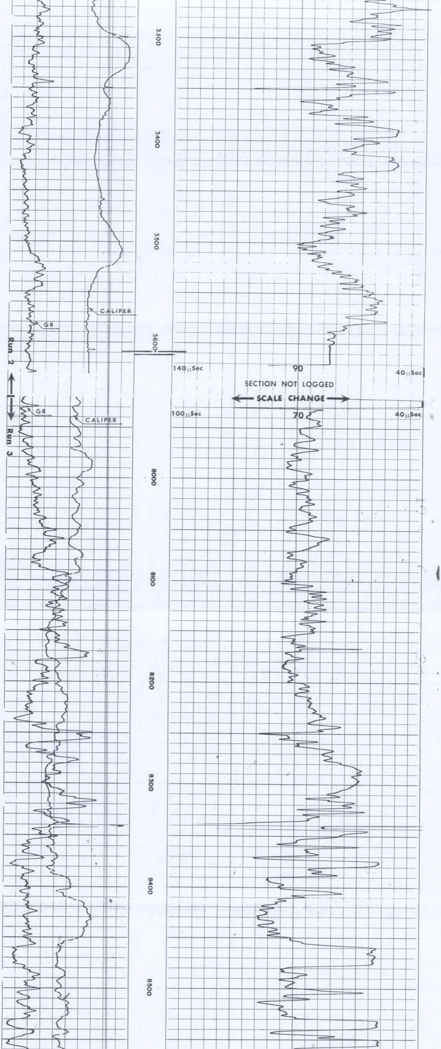
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 7 of our General Terms and Conditions as set out in our current Price Schedule.

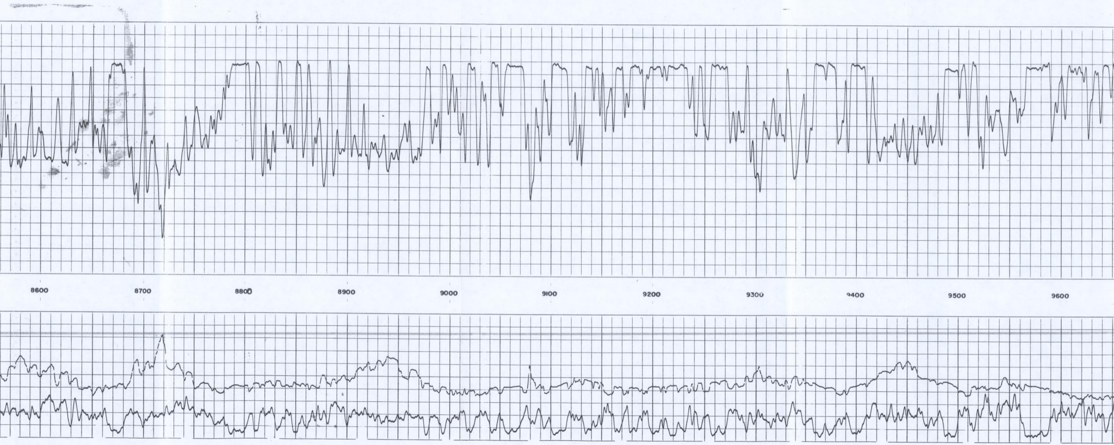


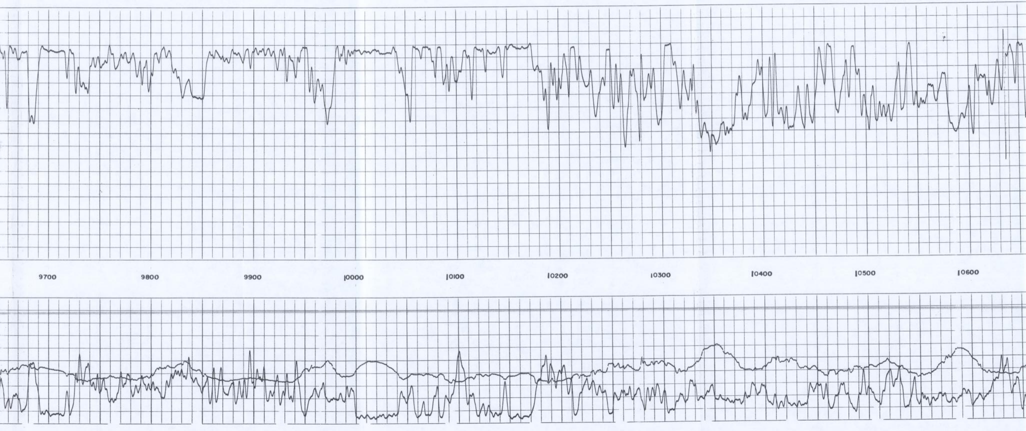


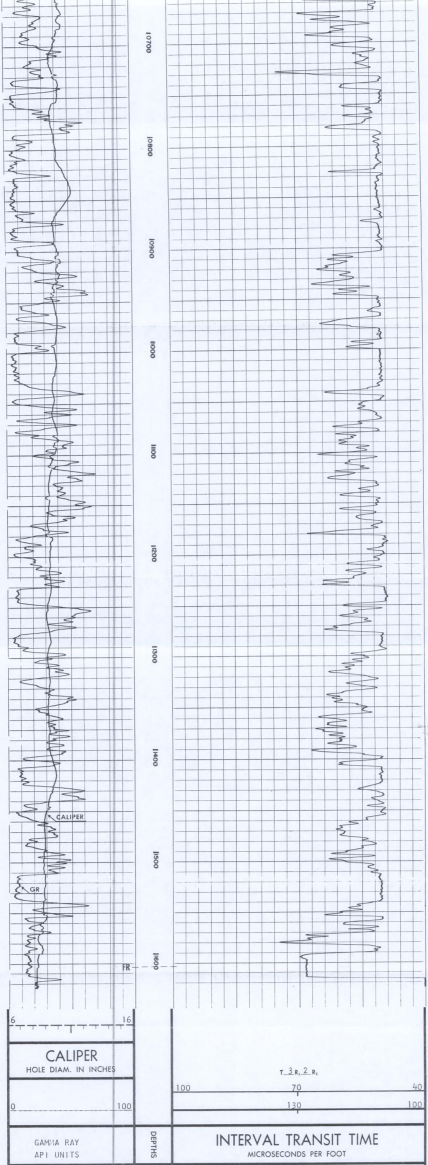








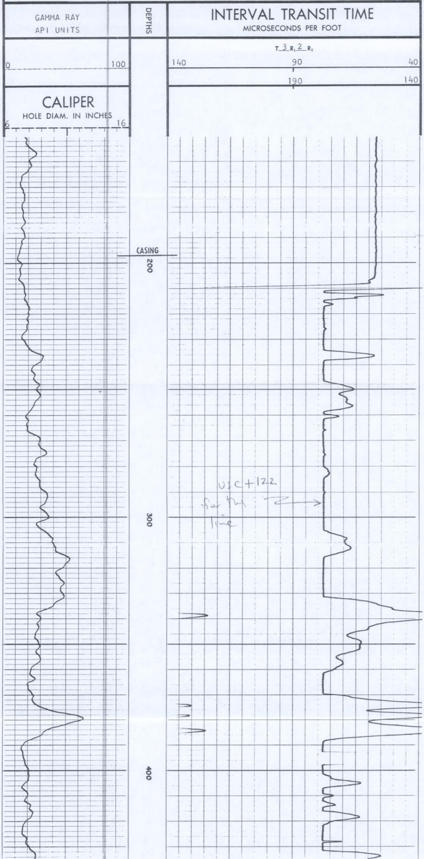




COMPANY	TRIBAL OIL CO. & EXXON COMPANY, U.S.A.	SCHL. FR	11603
WELL	GULF COAST REALTIES 3-5	SCHL. TD	11605
FIELD	BEAR ISLAND	DRLR TD	11608
COUNTY	COLLIER	Elev:	
STATE	FLORIDA	KB	34.8
		DF	34.3
		GL	18.8

DETAIL LOG

5" = 100'



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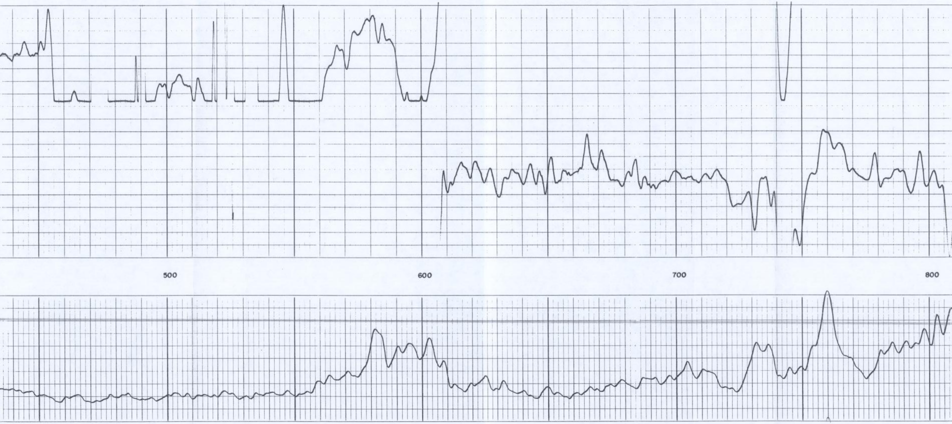
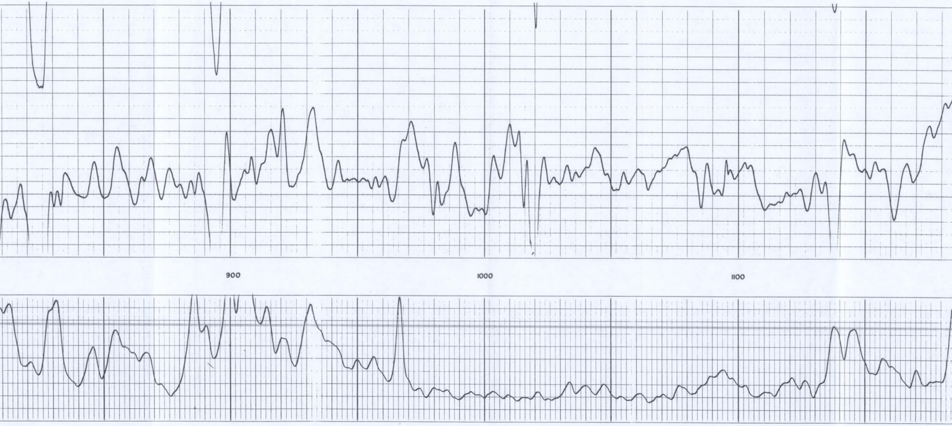
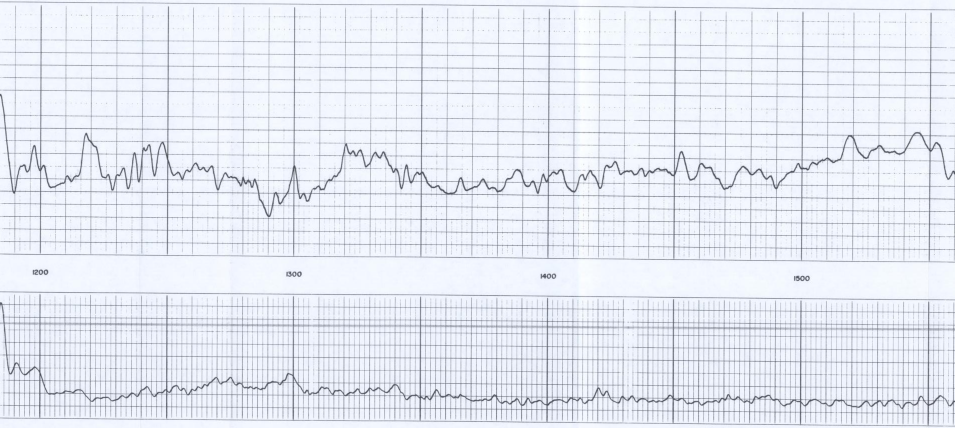
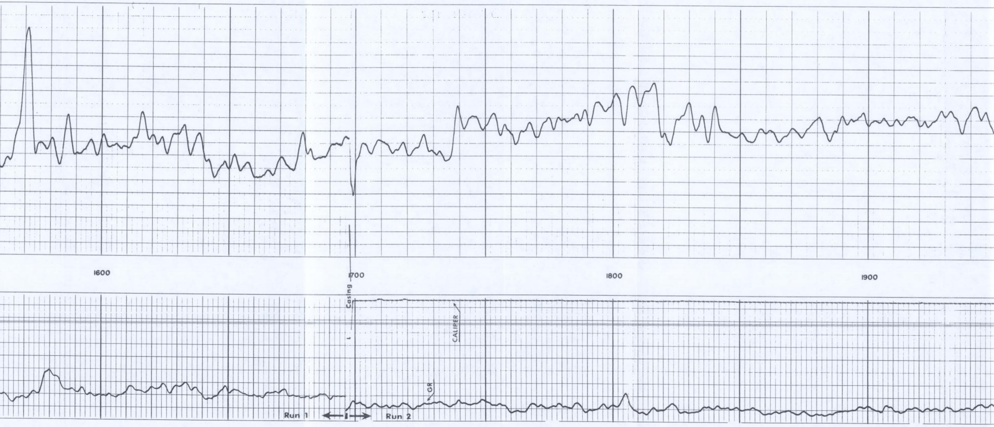
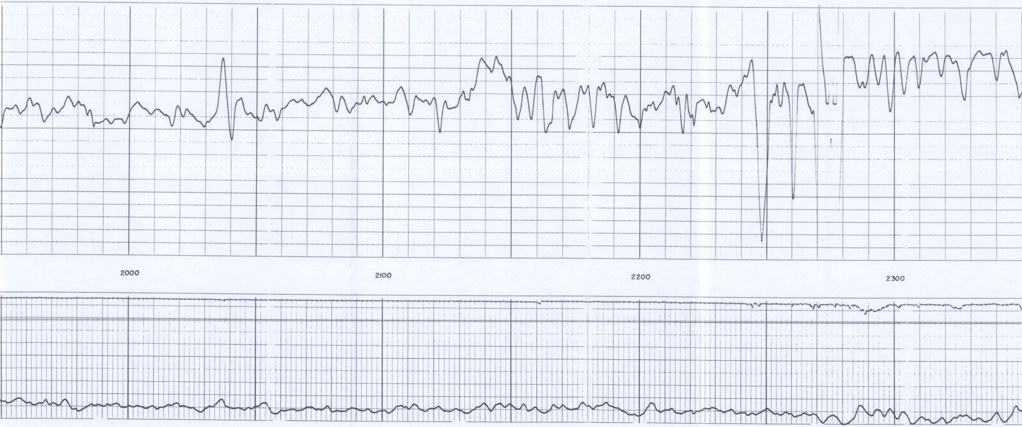
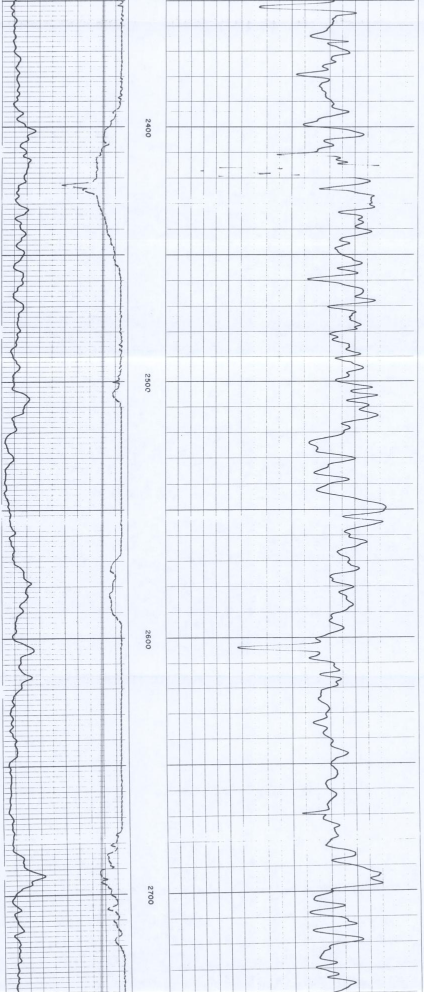


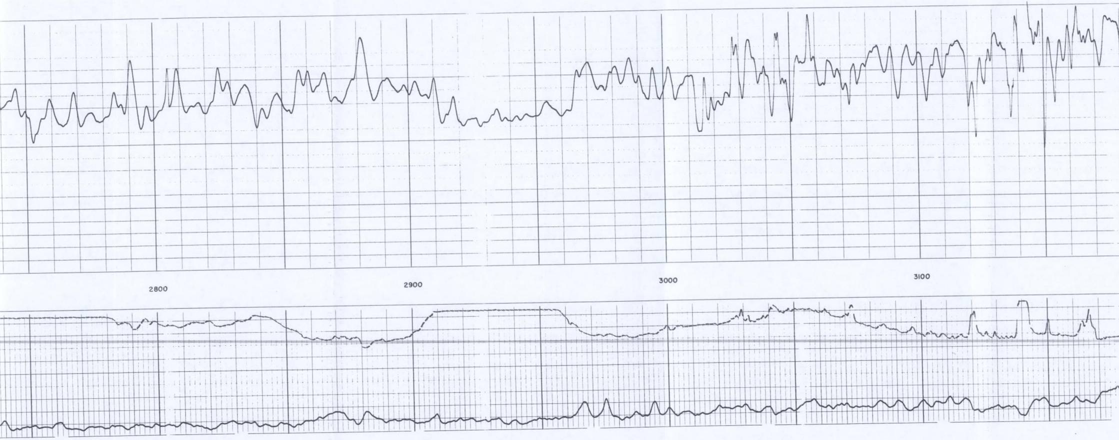


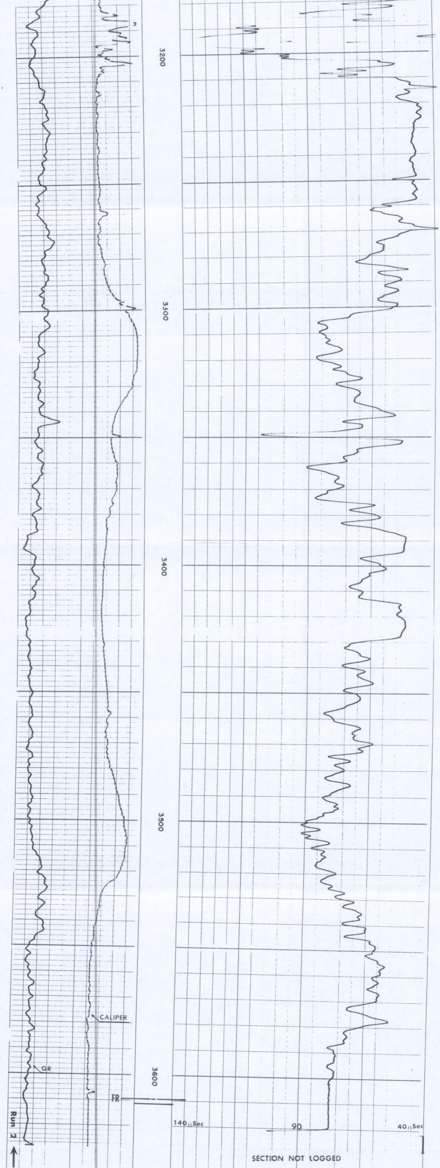


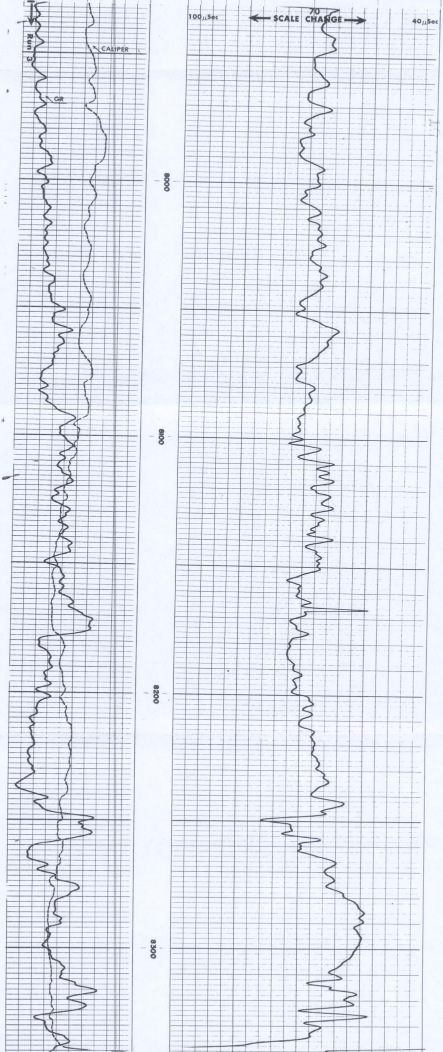


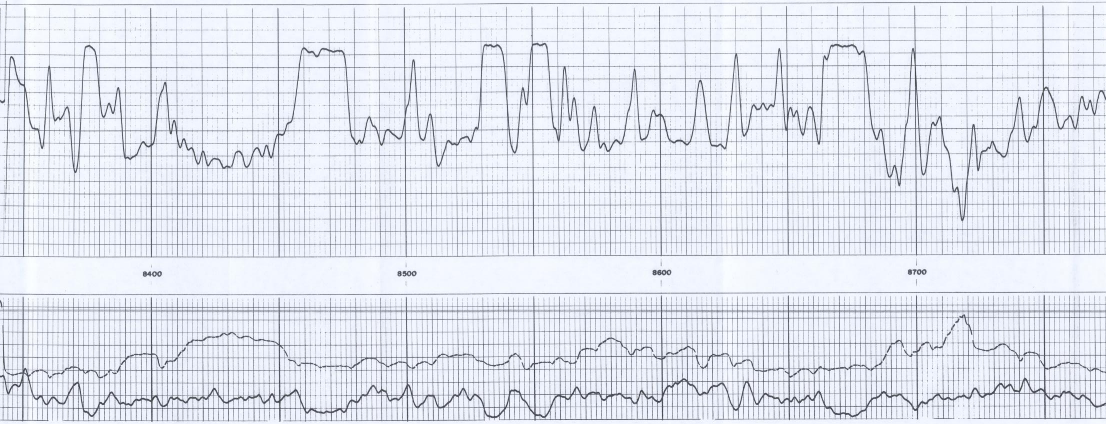


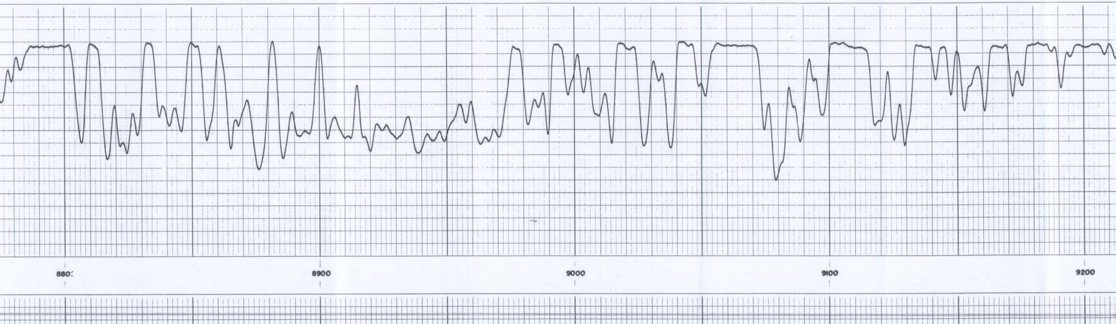


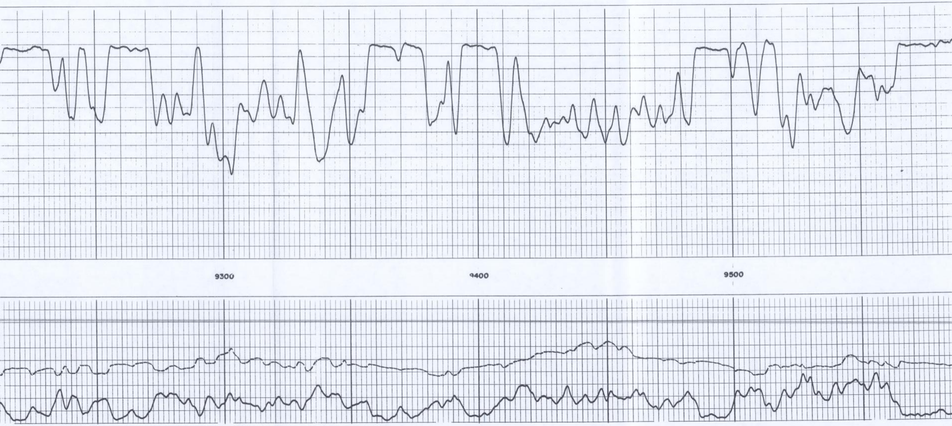


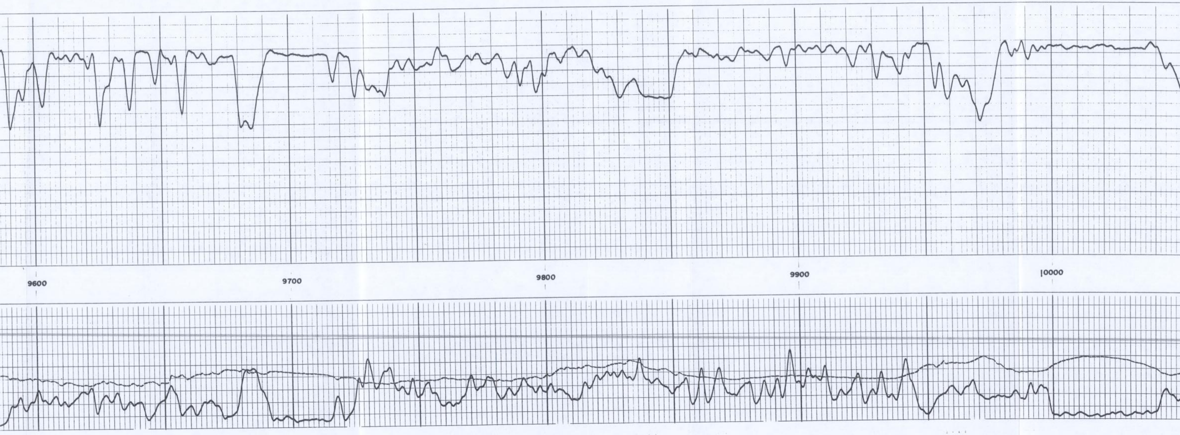


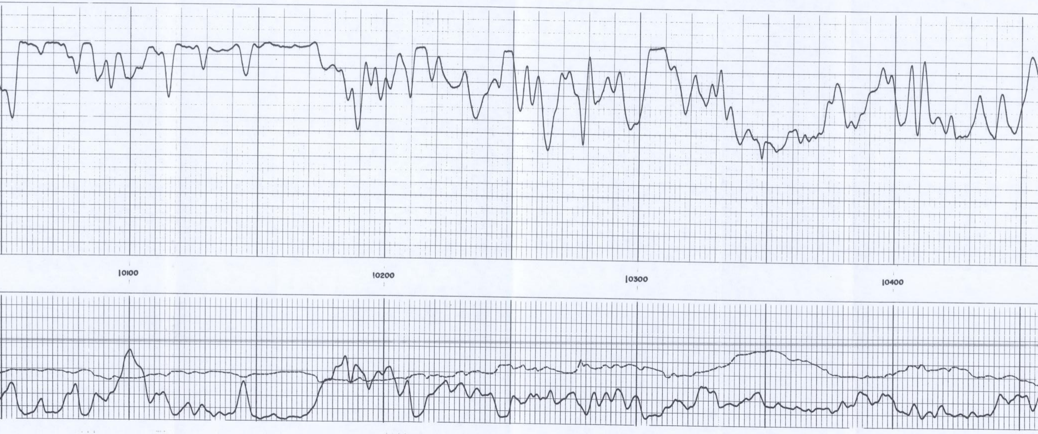


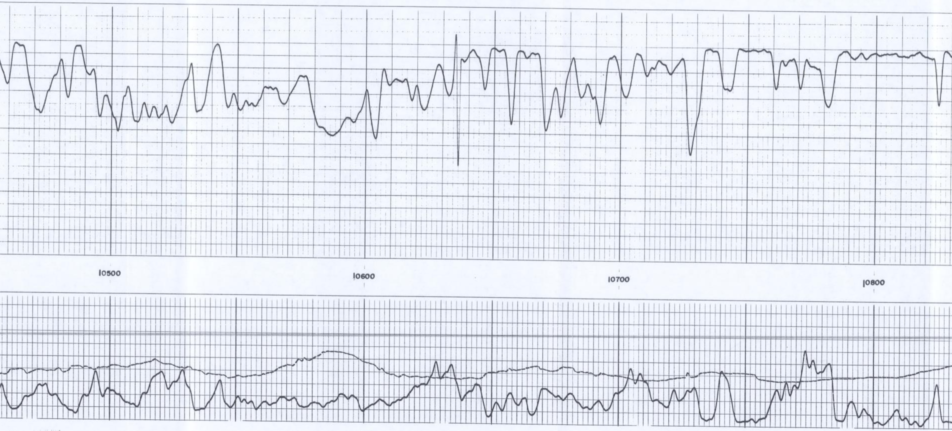


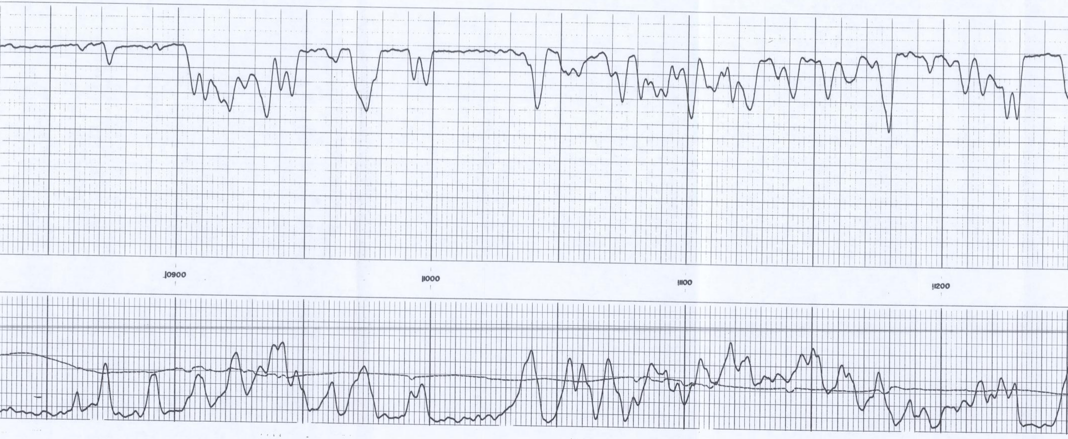


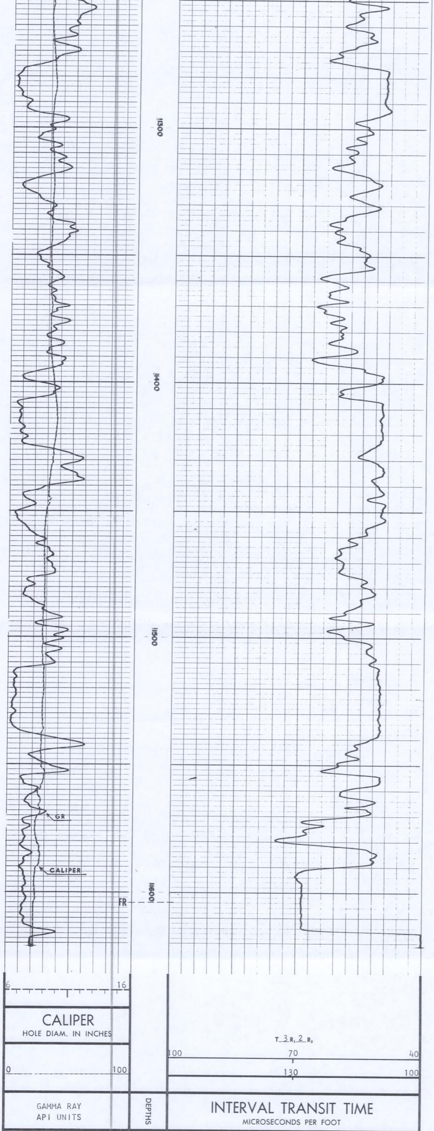








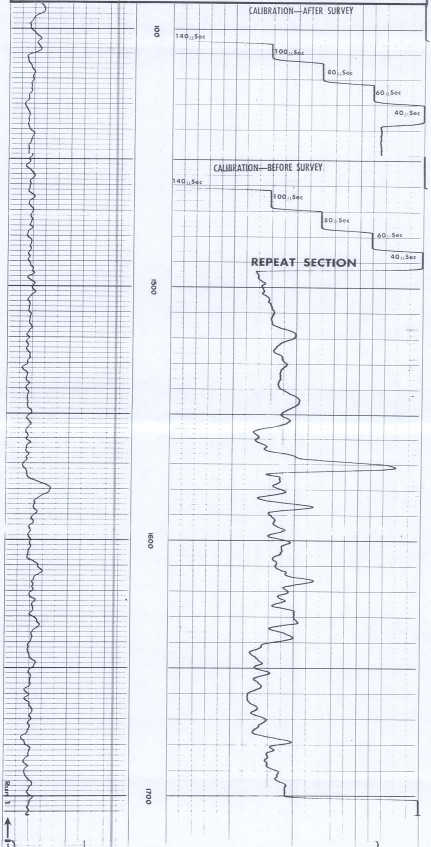


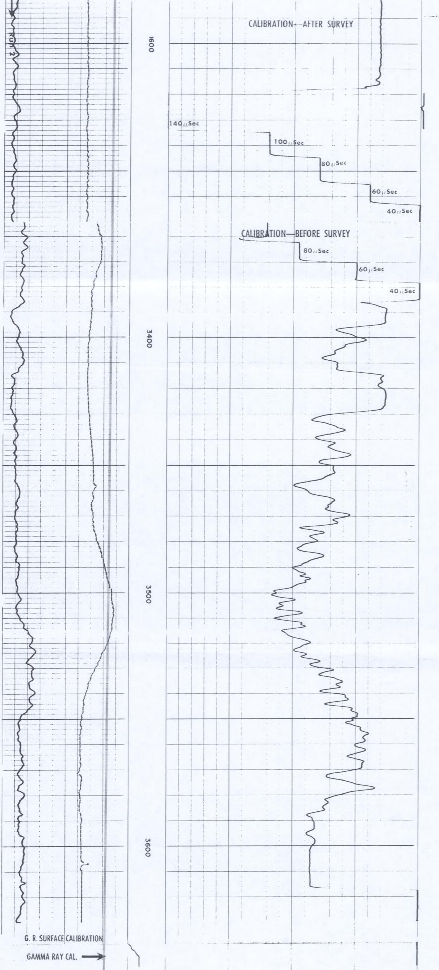


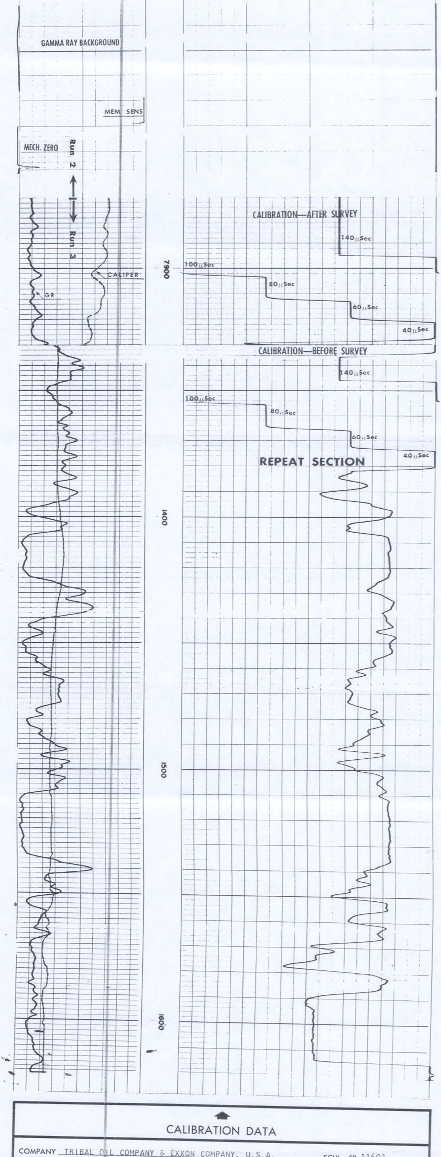
COMPANY TRIBAL OIL CO. & EXXON CO. U.S.A.
WELL GULF COAST REALTIES 3-5
FIELD BEAR ISLAND
COUNTY COLLIER STATE FLORIDA

SCHL. FR 11603
SCHL. TD 11605
DRLR TD 11608
Elev:
KB 34.8
DF 34.3
GL 18.8

CALIBRATION DATA







CALIBRATION DATA

COMPANY TRIBAL OIL COMPANY & EXXON COMPANY, U.S.A.
WELL GULF COAST REALTIES 3-5
FIELD BEAR ISLAND
COUNTY COLLIER STATE FLORIDA

FLORIDA GEOLOGICAL SURVEY
2295 VICTORIA AVENUE, SUITE 179
FT. MYERS, FLORIDA 33901

SCHL. FR 11603
SCHL. TD 11605
DRLR TD 11608
Elev:
KB 34.8
DF 34.3
GL 18.8

SWS-1129-B

PERMIT #801

108 #

FLORIDA GEOLOGICAL SURVEY
2295 VICTORIA AVENUE, SUITE 179
FT. MYERS, FLORIDA 33901

021-104

GAMMA RAY
API UNITS

Tribal Exxon
GCR # 3-5
S3 T 49S R30E

− |20 MV| +

SPONTANEOUS-POTENTIAL
MILLIVOLTS

DEPTHS

LATEROLOG – 8
0.2 1.0 10 100 1000 2000

MEDIUM INDUCTION LOG
0.2 1.0 10 100 1000 2000

DEEP INDUCTION LOG
0.2 1.0 10 100 1000 2000

RESISTIVITY
OHMS. M²/M

COMPANY TRIBAL OIL CO. & EXXON CO., U.S.A.
WELL GULF COAST REALTIES 3-5
FIELD BEAR ISLAND
COUNTY COLLIER STATE FLORIDA

SCHL. FR 11599
SCHL. TD 11605
DRLR TD 11608
Elev:
KB 34.8
DF 34.3
GL 18.8

DETAIL LOG

5″ = 100′

SPONTANEOUS-POTENTIAL
MILLIVOLTS

− |20 MV| +

DEPTHS

RESISTIVITY
OHMS. M²/M

LATEROLOG – 8
0.2 1.0 10 100 1000 2000

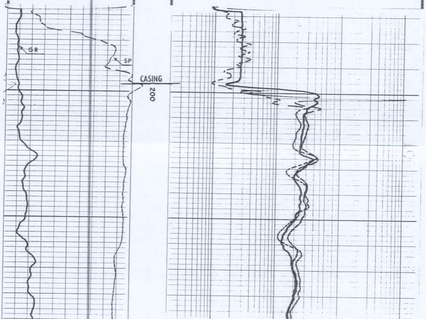
MEDIUM INDUCTION LOG
0.2 1.0 10 100 1000 2000

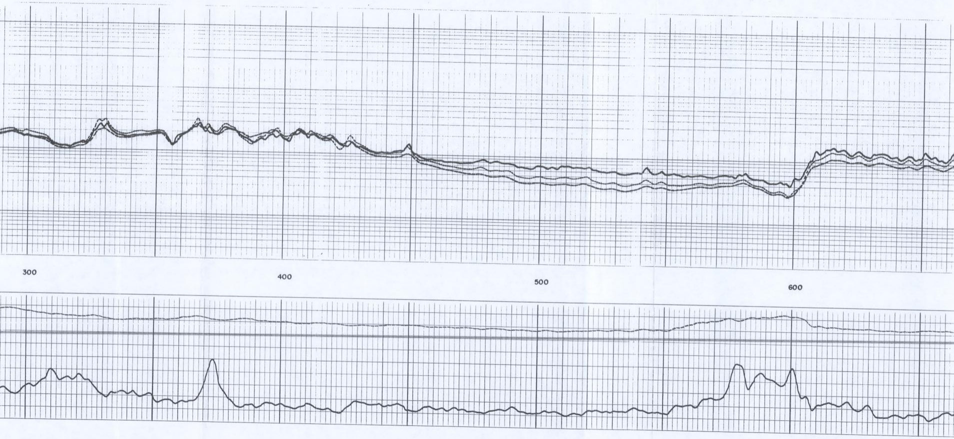
DEEP INDUCTION LOG
0.2 1.0 10 100 1000 2000

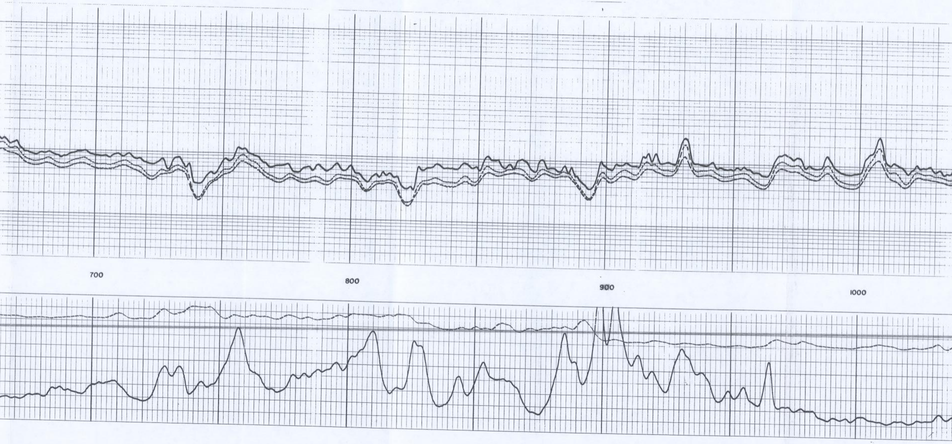
FLORIDA GEOLOGICAL SURVEY
2295 VICTORIA AVENUE, SUITE 179
FT. MYERS, FLORIDA 33901

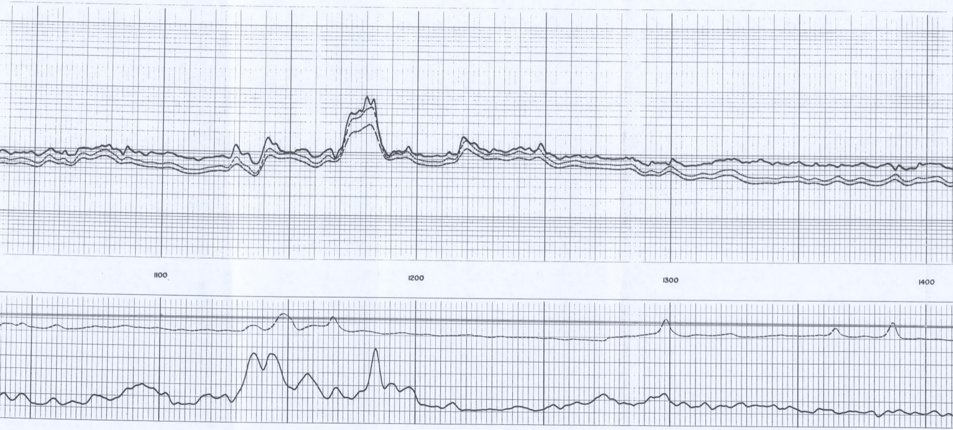
GAMMA RAY
API UNITS

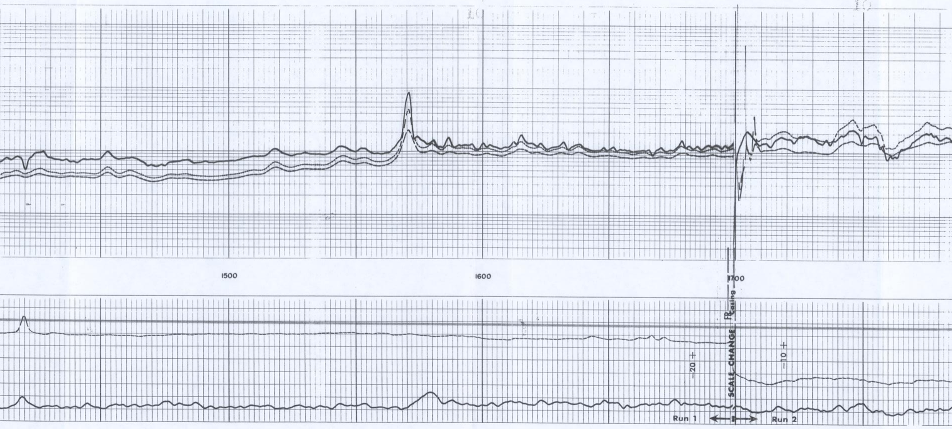
0 150

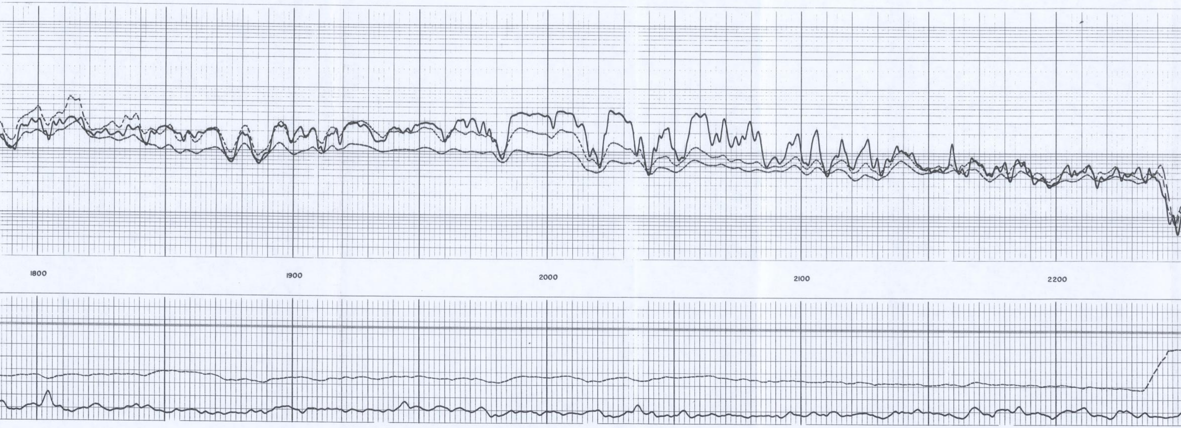


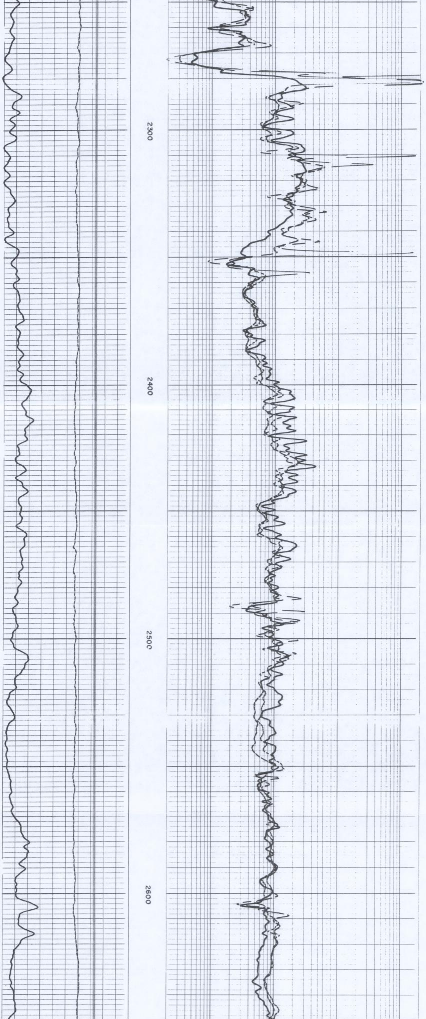


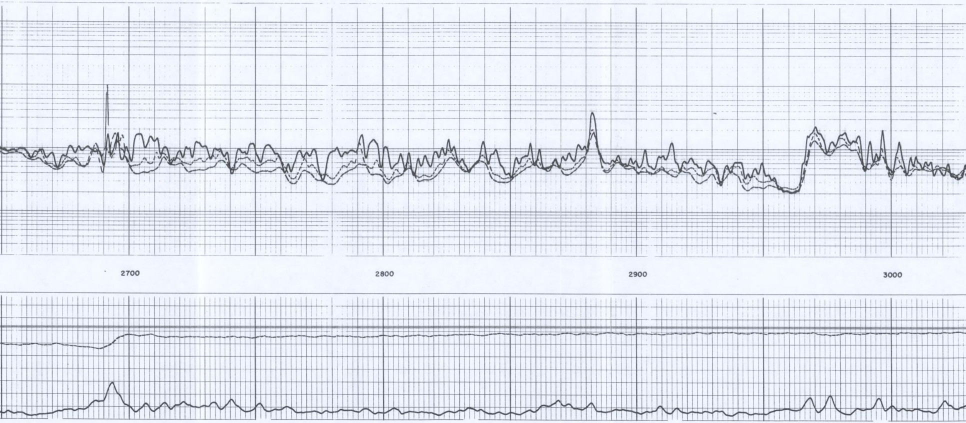


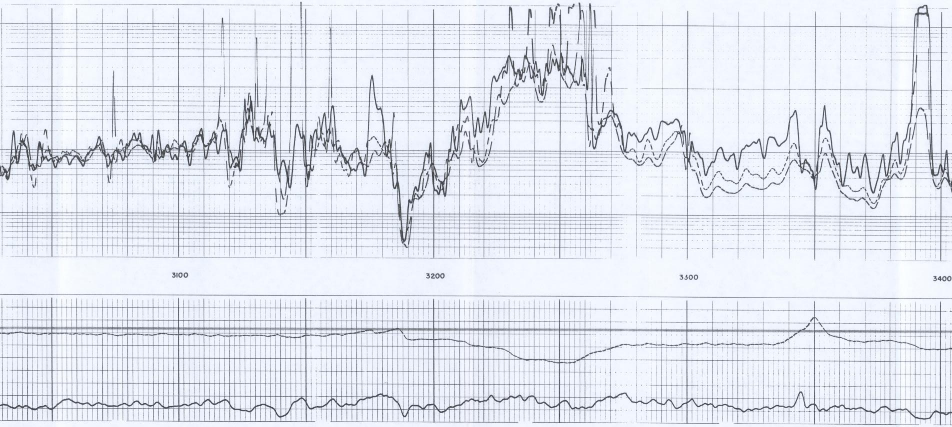


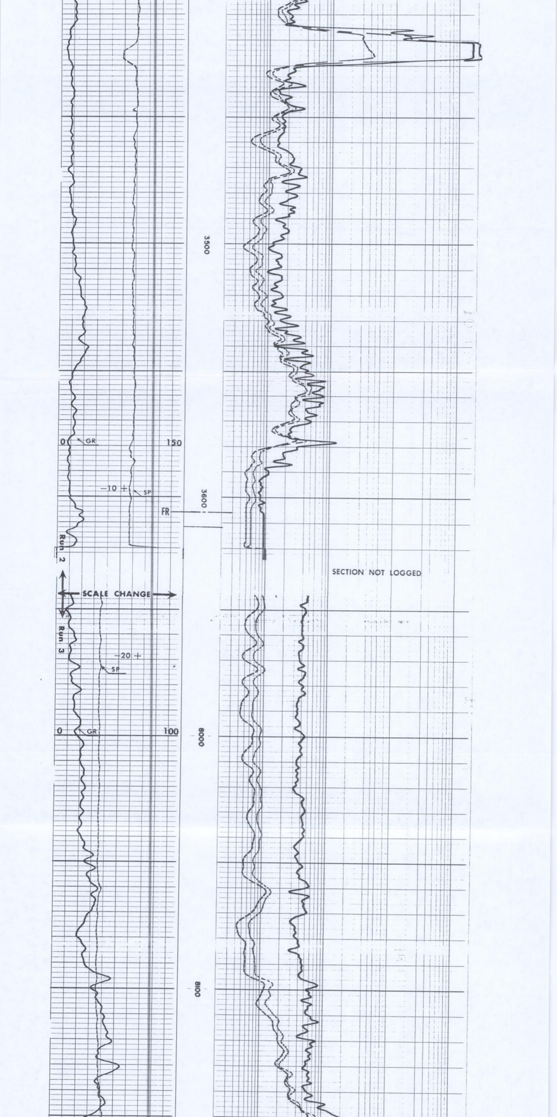


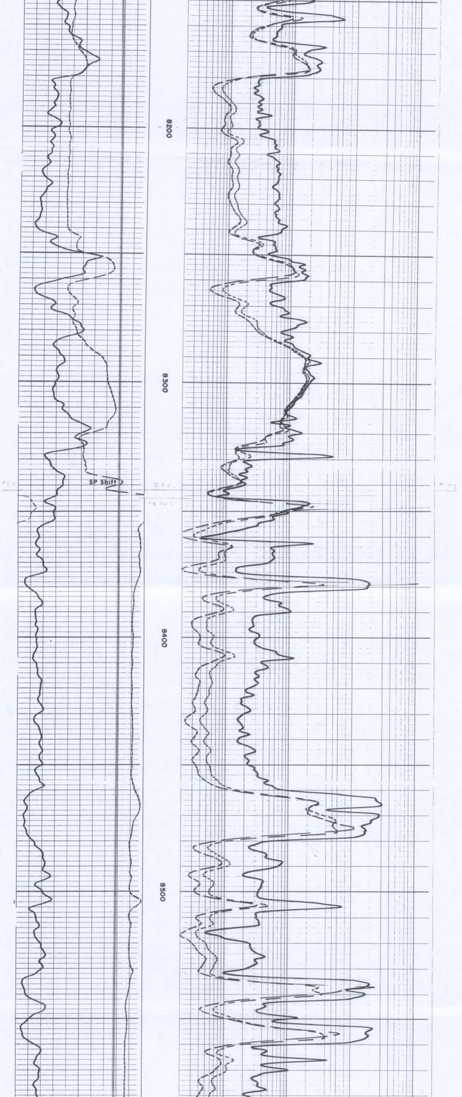


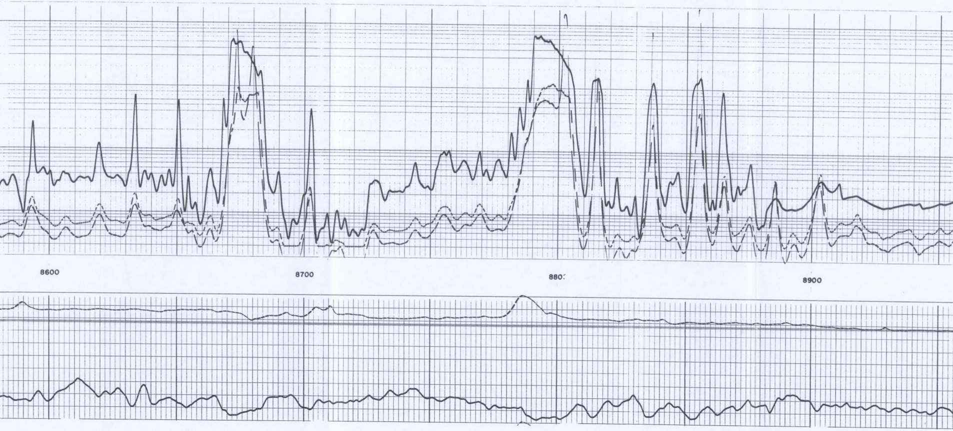


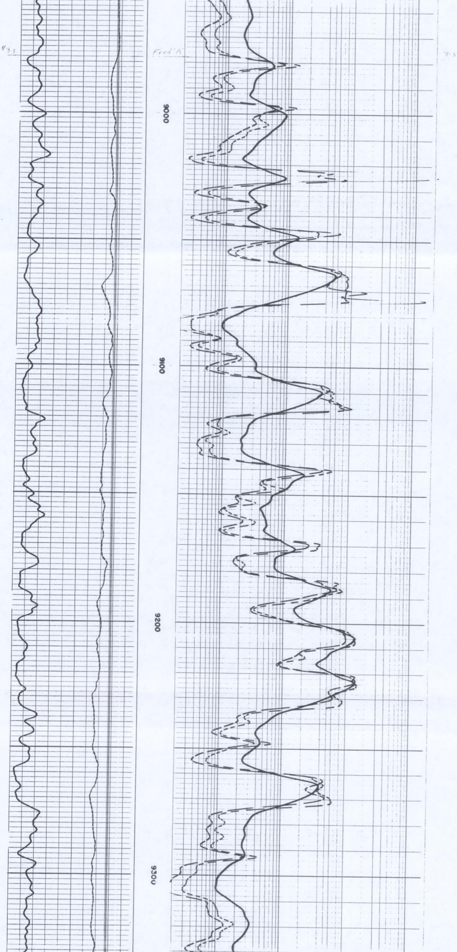


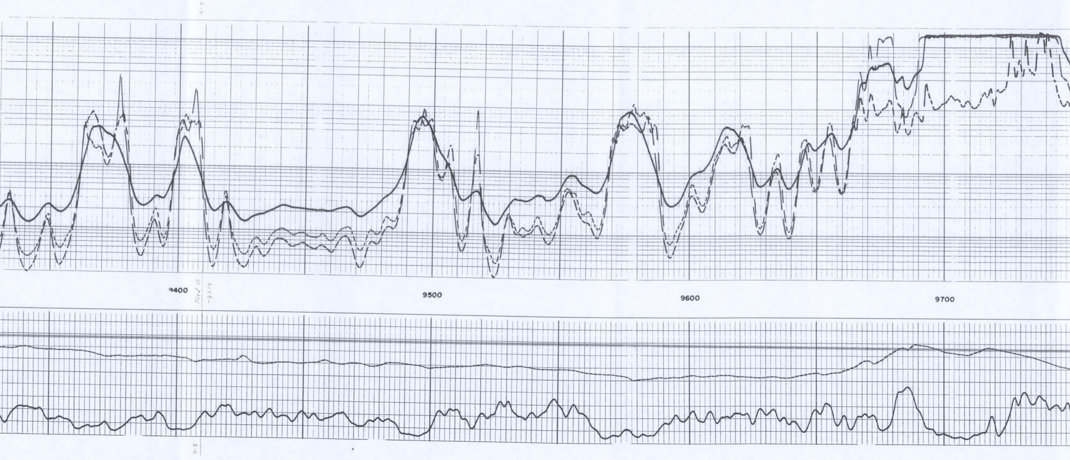


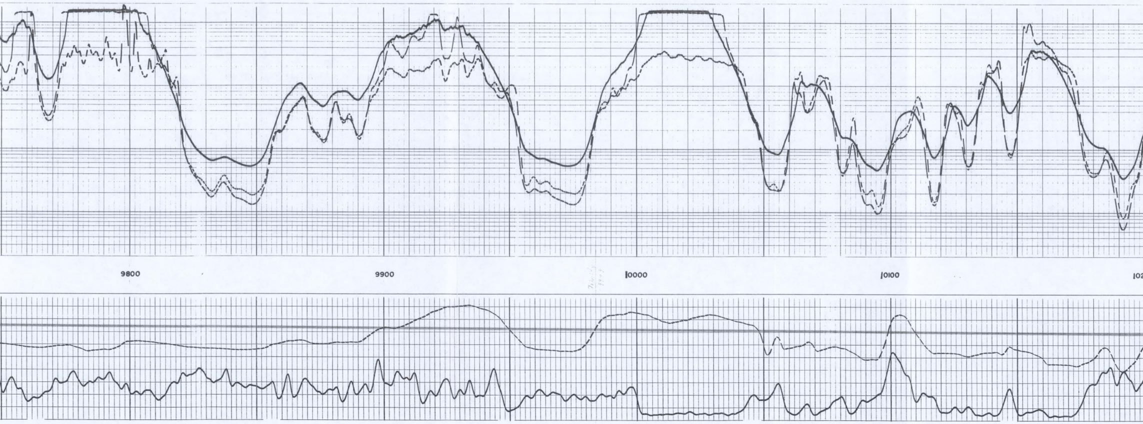


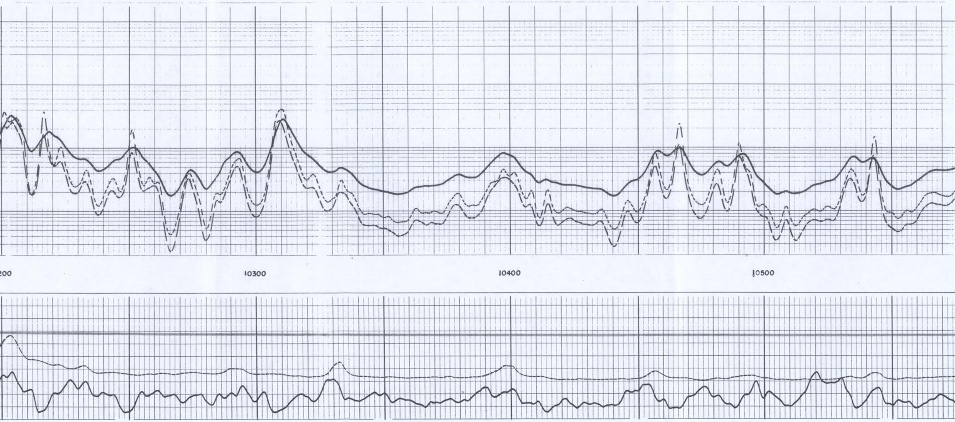


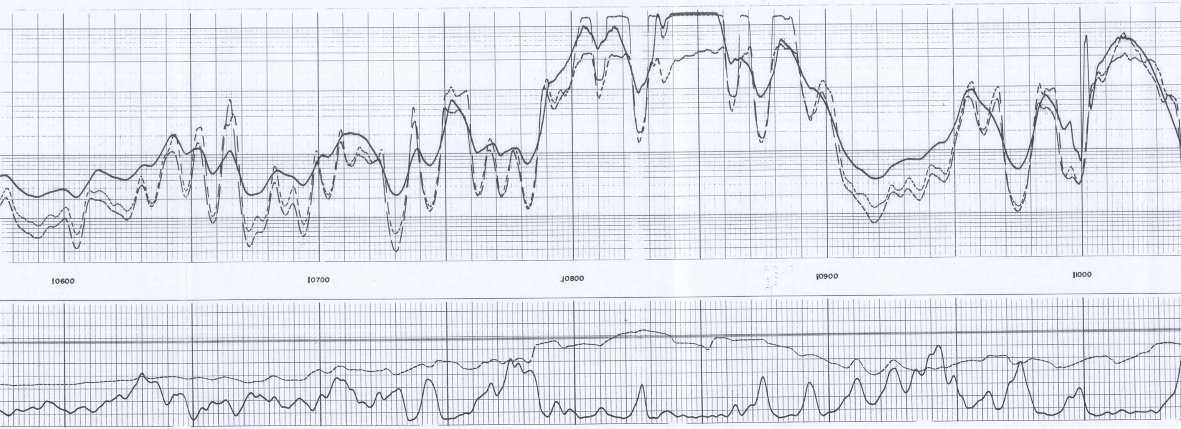


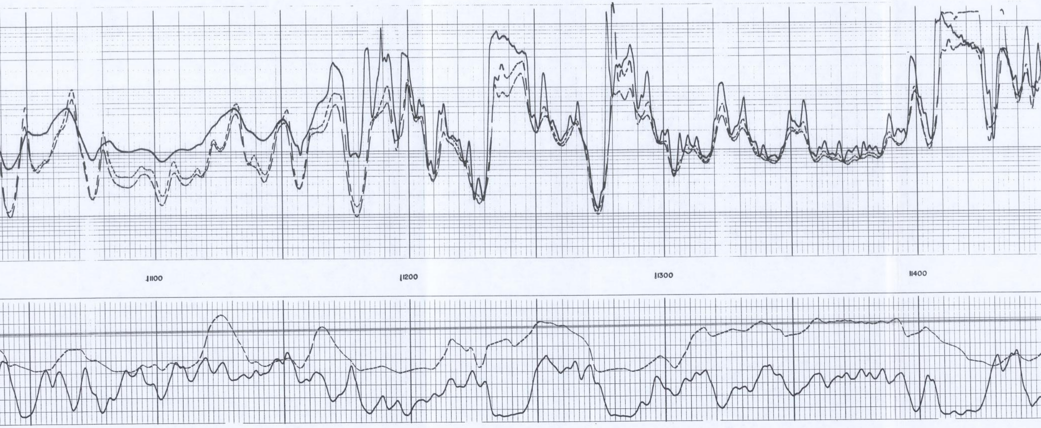


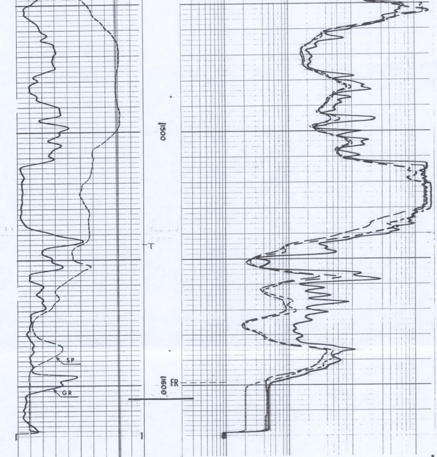










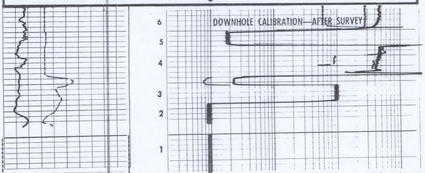


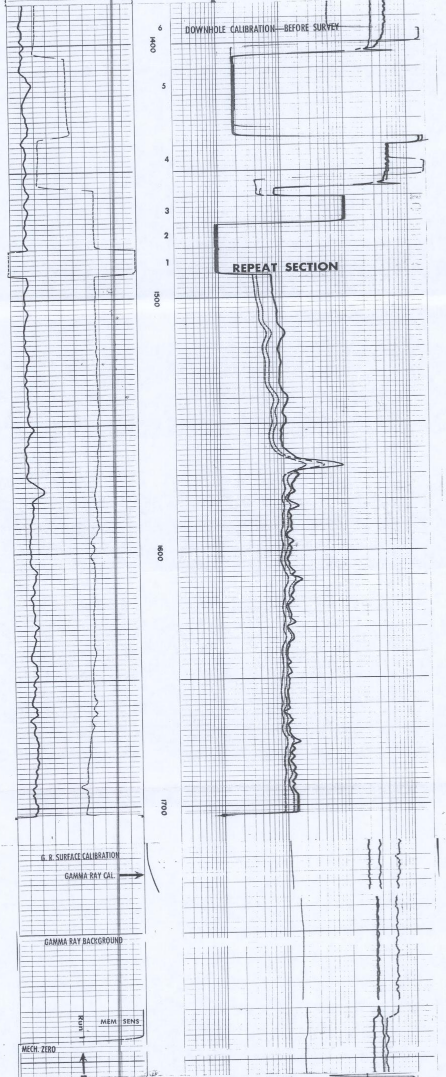
0 — 100 **GAMMA RAY** API UNITS		LATEROLOG – 8 0.2 1.0 10 100 1000 2000 MEDIUM INDUCTION LOG 0.2 1.0 10 100 1000 2000 DEEP INDUCTION LOG 0.2 1.0 10 100 1000 2000
– 20 MV + **SPONTANEOUS-POTENTIAL** MILLIVOLTS	DEPTHS	**RESISTIVITY** OHMS. M²/M

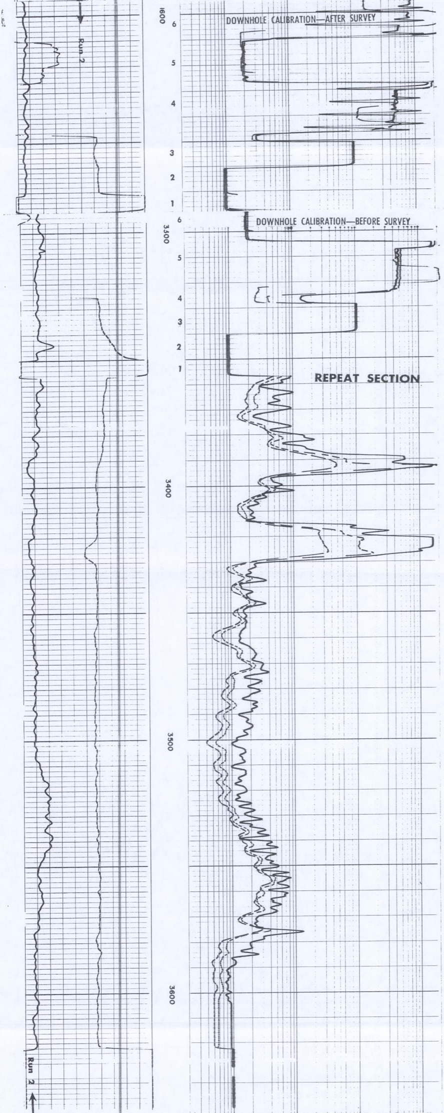
COMPANY TRIBAL OIL CO. & EXXON CO. U.S.A.
WELL GULF COAST REALTIES 3-5
FIELD BEAR ISLAND
COUNTY COLLIER STATE FLORIDA

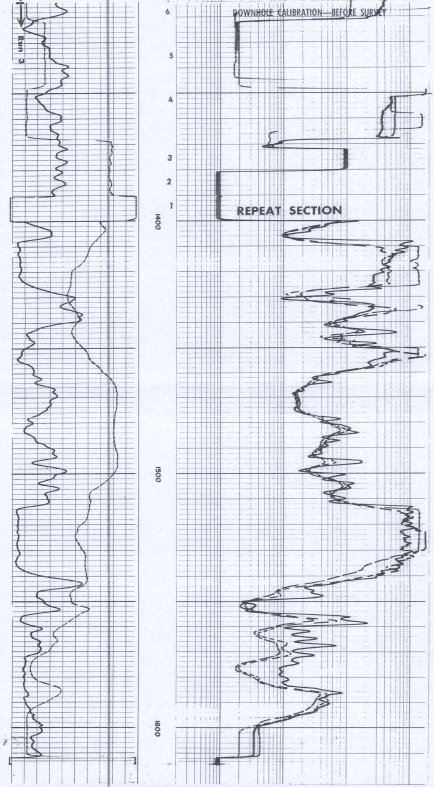
SCHL. FR 11599
SCHL. TD 11605
DRLR TD 11608
Elev:
KB 34.8
DF 34.3
GL 18.8

CALIBRATION RECORD









CALIBRATION RECORD

COMPANY TRIBAL OIL CO. & EXXON CO. U.S.A.
WELL GULF COAST REALTIES 3-5
FIELD BEAR ISLAND
COUNTY COLLIER STATE FLORIDA

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SCHL. TD 11605
DRLR TD 11608
Elev:
KB 34.8
DF 34.3
GL 18.8