S01623

SCHLUMBERGER

SIMULTANEOUS

LATEROLOG-GAMMA RAY

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

10' 9''

COUNTY
FIELD or
LOCATION
WELL
COMPANY

COMPANY MURPHY OIL CORP.

WELL GREMAUD #1

FIELD WILDCAT

COUNTY PERRY STATE MISSOURI

Location: 660'FSL X 1980'FWL

Sec. 22 Twp. 36N Rge. 12E

Other Services: SLC

Permanent Datum: BRADENHEAD FLANGE ; Elev.: 353.5
Log Measured From K.B. , 8.7 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 362.1
D.F. -
G.L. 354.1

Date	12-9-67			
Run No.	ONE			
Depth - Driller	2000			
Depth - Schlum.	2000			
Btm. Log Interval	1994			
Top Log Interval	200 GR TO 0000			
Casing - Driller	10 3/8@ 194	@	@	@
Casing - Schlum.	200			
Bit Size	7 7/8"			
Type Fluid in Hole	AQUAGEL			
Dens. | Visc.	9.2 | 38	|	|	|
pH | Fluid Loss	9.0 | 5.8 CC	| CC	| CC	| CC
Source of Sample	P.T.			
Rm @ Meas. Temp.	1.45@ 70°F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.09@ 75°F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.6 @ 75°F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | C	|	|	|
Rm @ B.H.T.	1.25@ 82°F	@ °F	@ °F	@ °F
Time Since Circ.	N.A.			
Max. Rec. Temp.	83°F	°F	°F	°F
Equip. | Location	3010 | MT. C.	|	|	|
Recorded By	NUTT			
Witnessed By	ADAMS			

FOLD HERE

THIS HEADING AND LOG CONFORM TO API RECOMMENDED STANDARD PRACTICE RP 31 ⓐ

12-09-67NED084522

REMARKS

Changes in Mud Type or Additional Samples

Date | Sample No.		
Depth - Driller		
Type Fluid in Hole		
Dens. | Visc.		
pH | Fluid Loss	CC	CC
Source of Sample		
Rm @ Meas. Temp.	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F
Source: Rmf | Rmc		
Rm @ B.H.T.	@ °F	@ °F
Rmf @ B.H.T.	@ °F	@ °F
Rmc @ B.H.T.	@ °F	@ °F

Scale Changes

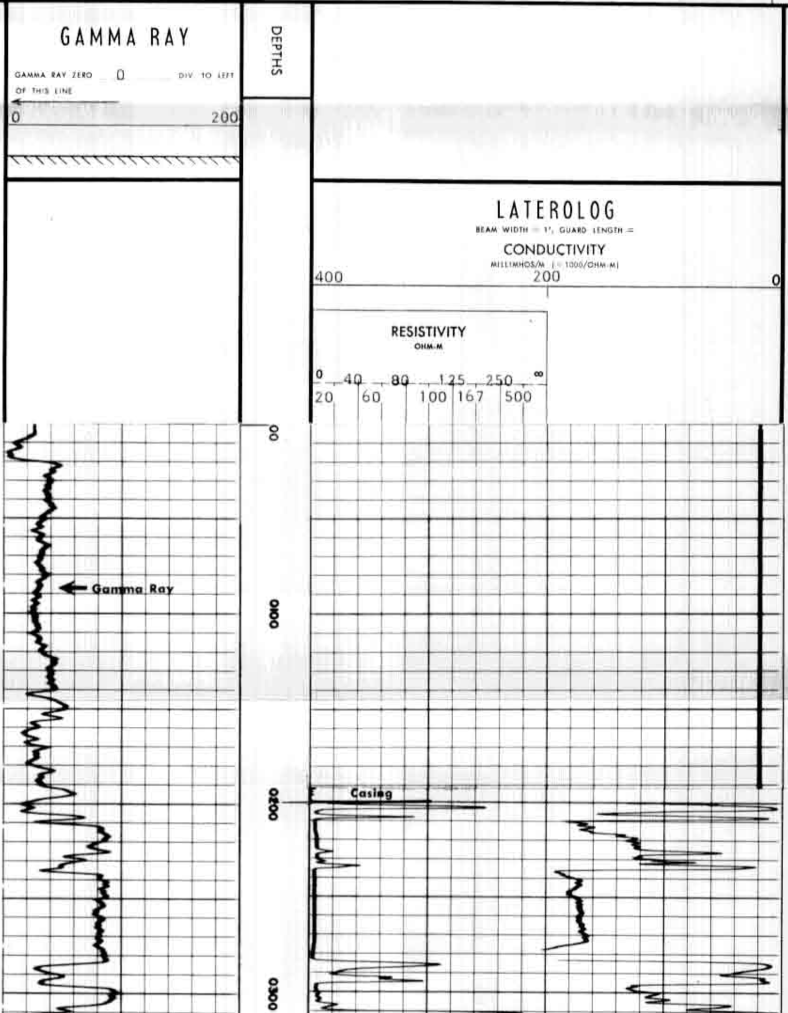
Type Log	Depth	Scale Up Hole	Scale Down Hole

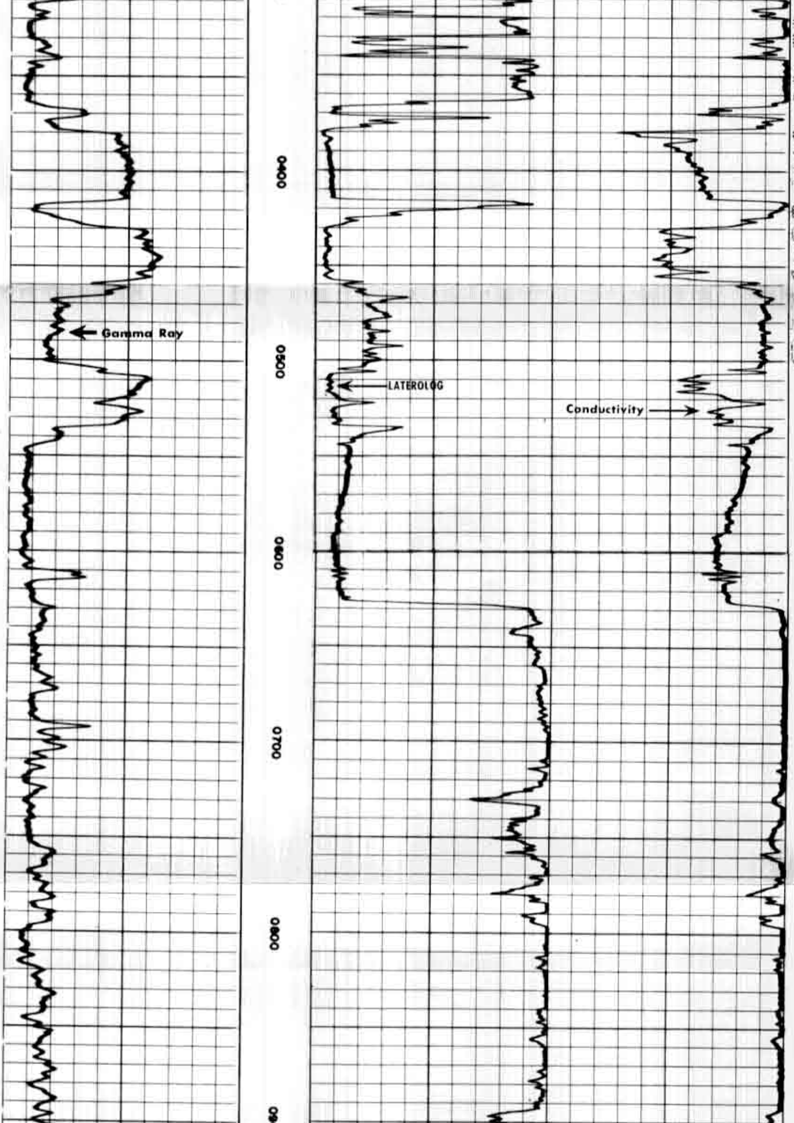
Equipment Data

Run No.	Tool Type	Pad Type	Tool Position	Other
ONE	LL-3			

CALIBRATION: GAMMA RAY	Backgnd. C.P.S.	Test S. + Bkgd. C.P.S.	Galv. Incr. (Divisions)	Sens. Tap (For Cal.)	Sens. Tap (Record)	Time Const.	Record. Speed (Ft./Min.)
				500	500	2	30

NEUTRON:	Test S. Far	Test S. Close	Galv. Incr. (Divisions)	Sens. Tap (For Cal.)	Sens. Tap (Record)	Time Const.	Record. Speed (Ft./Min.)





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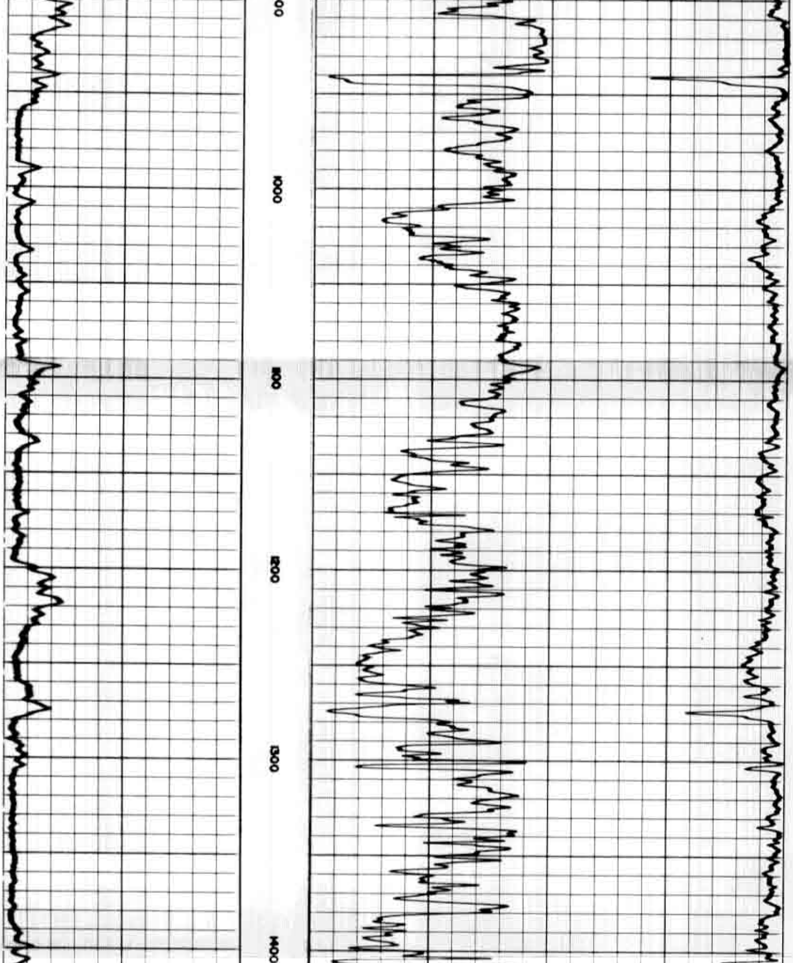

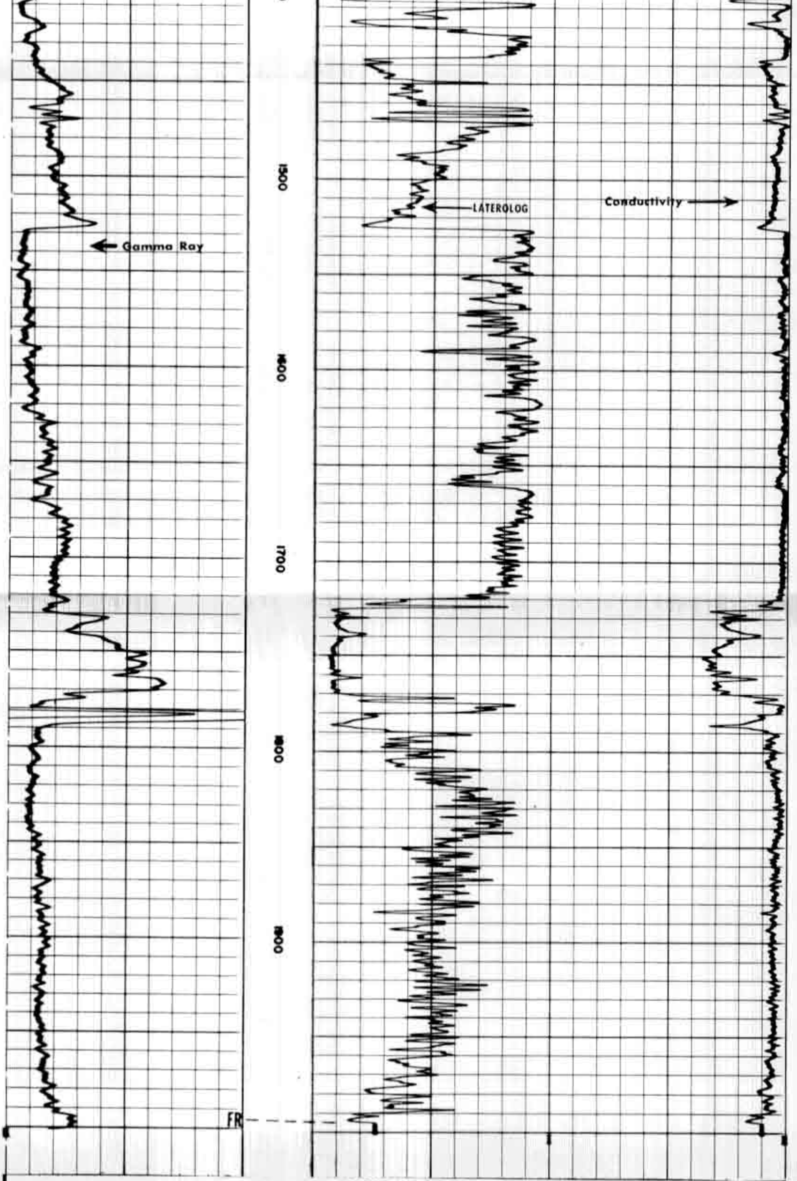

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DETAIL LOG

5 "=100'

GAMMA RAY

GAMMA RAY ZERO 0 DIV. TO LEFT OF THIS LINE

0 200

DEPTHS

LATEROLOG

BEAM WIDTH = 1", GUARD LENGTH =

CONDUCTIVITY

MILLIMHOS/M (=1000/OHM-M)

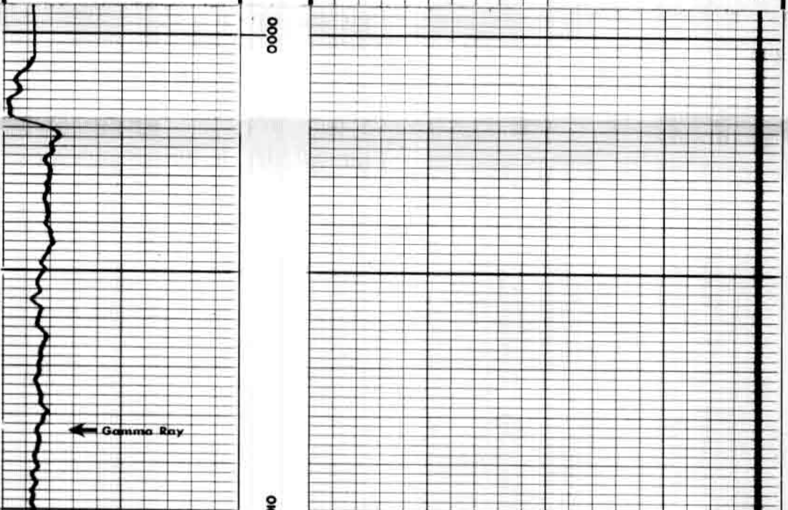
400 200 0

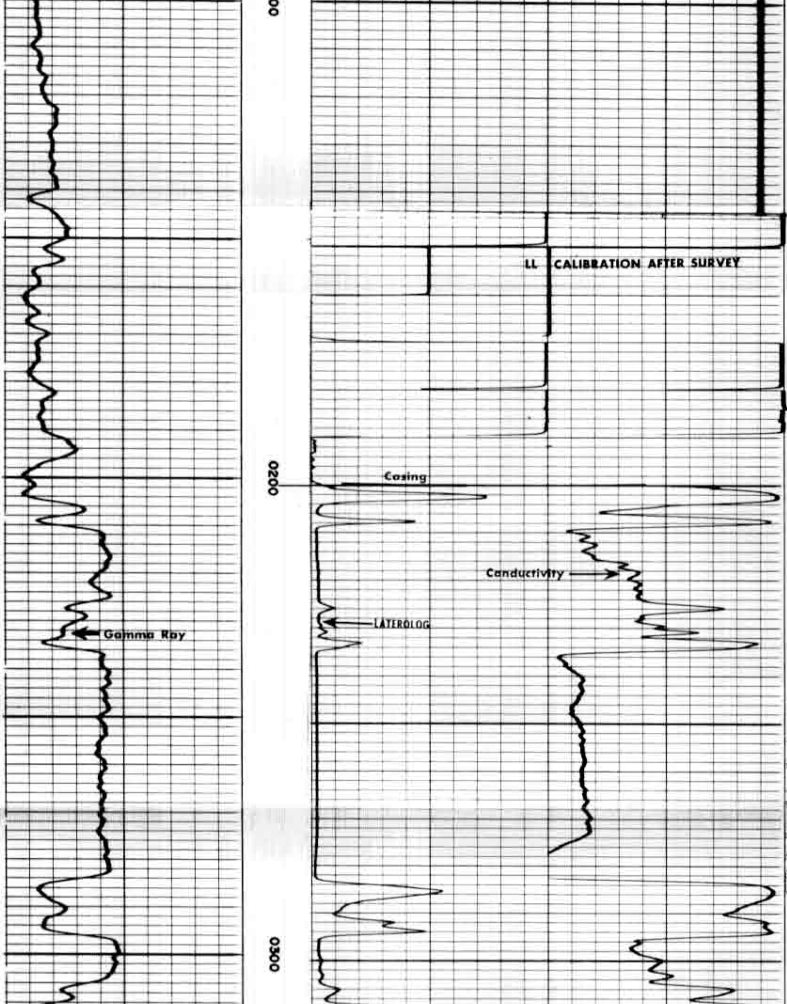
RESISTIVITY

OHM-M

0 40 80 125 250 ∞

20 60 100 167 500





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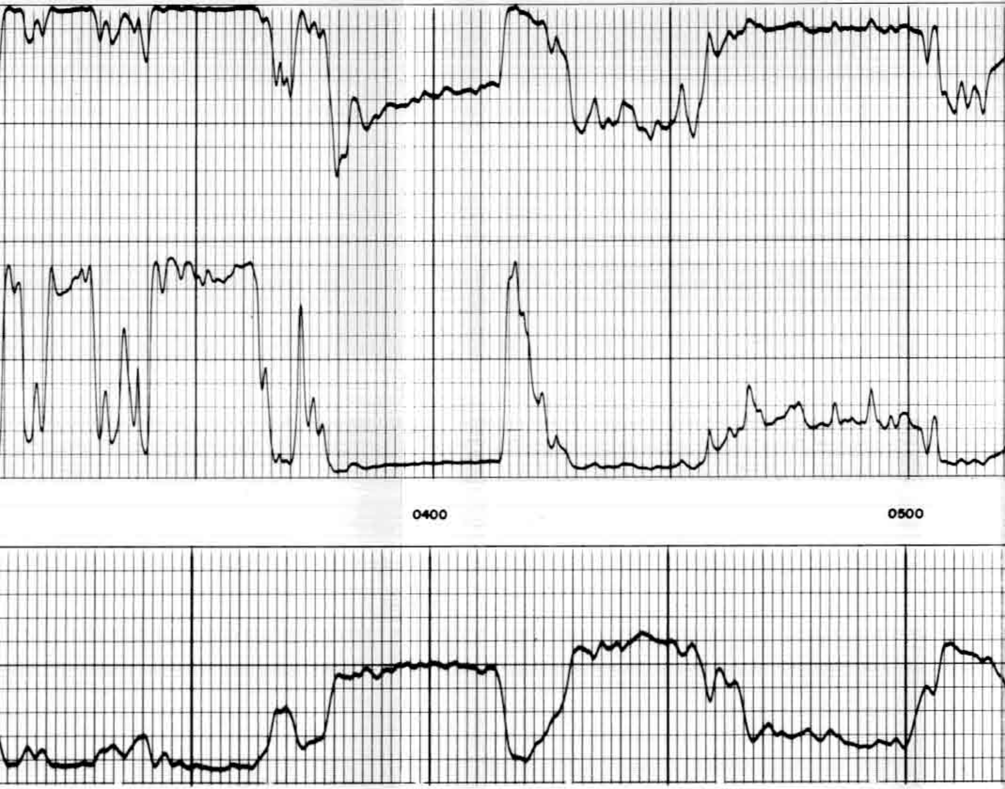

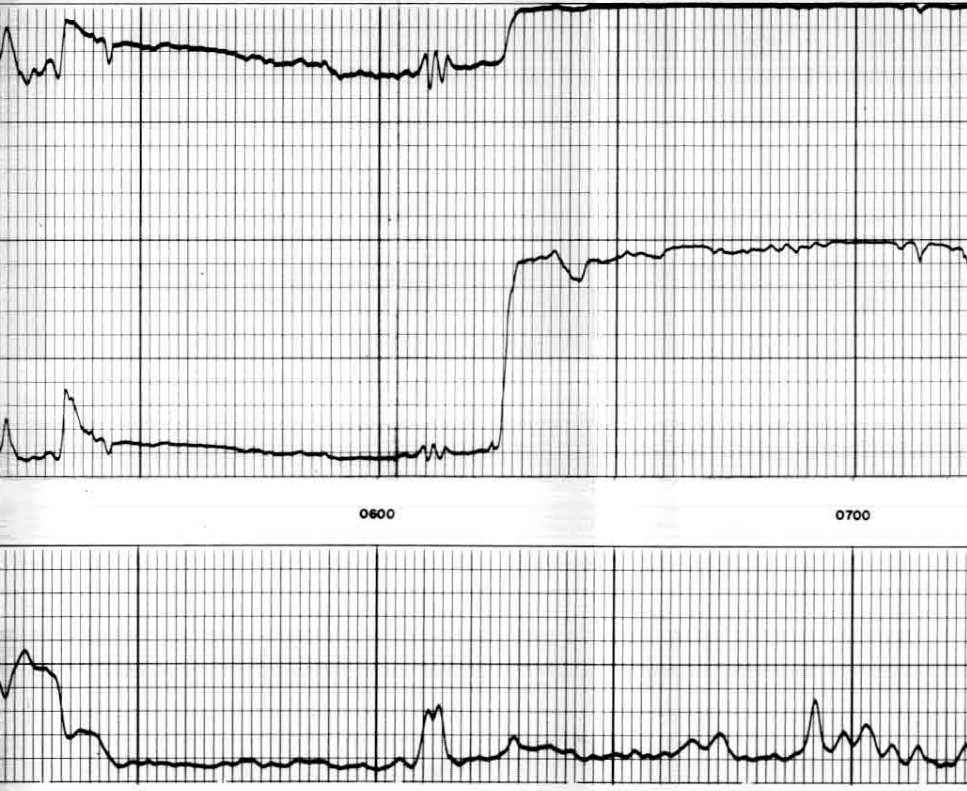

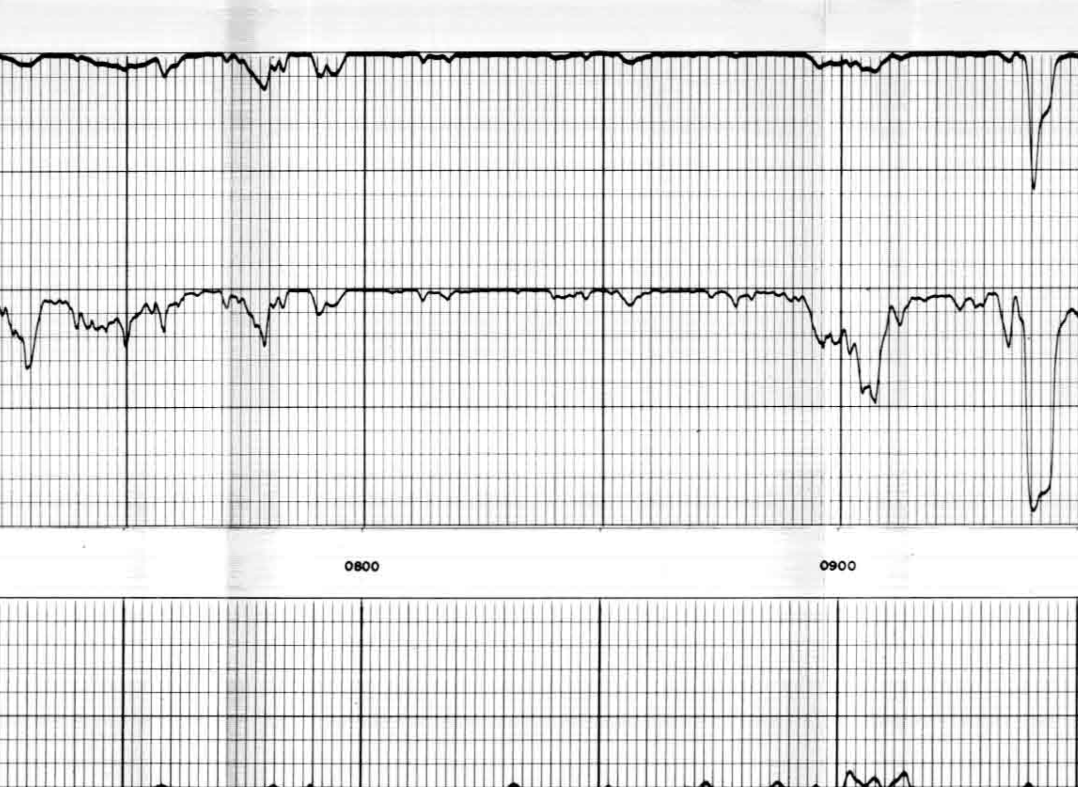

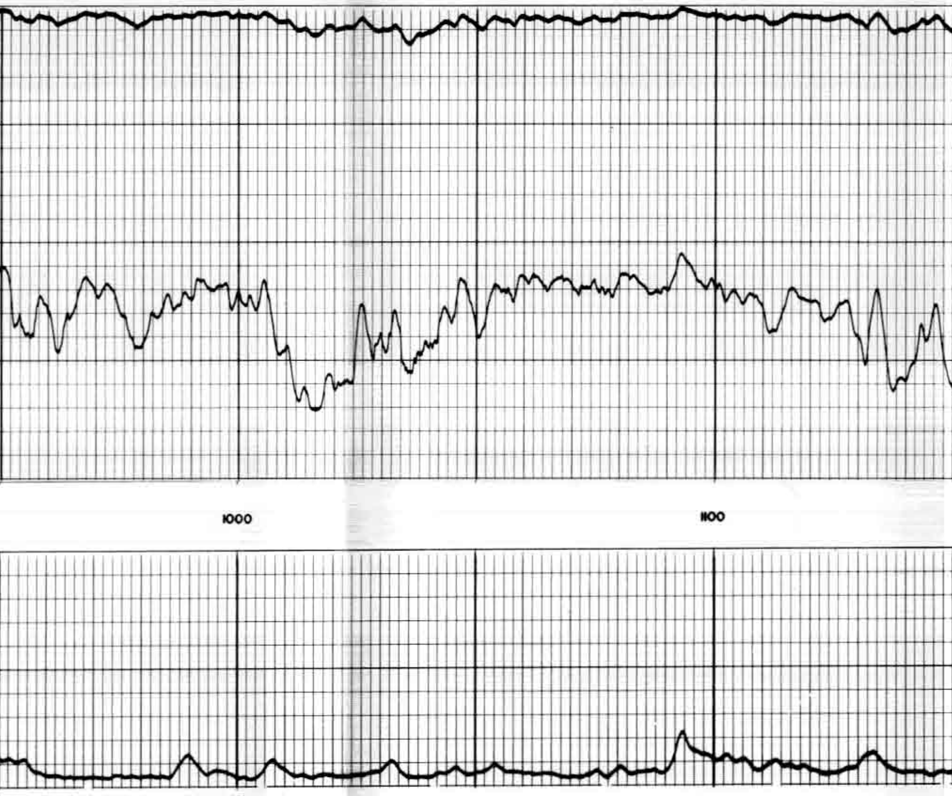

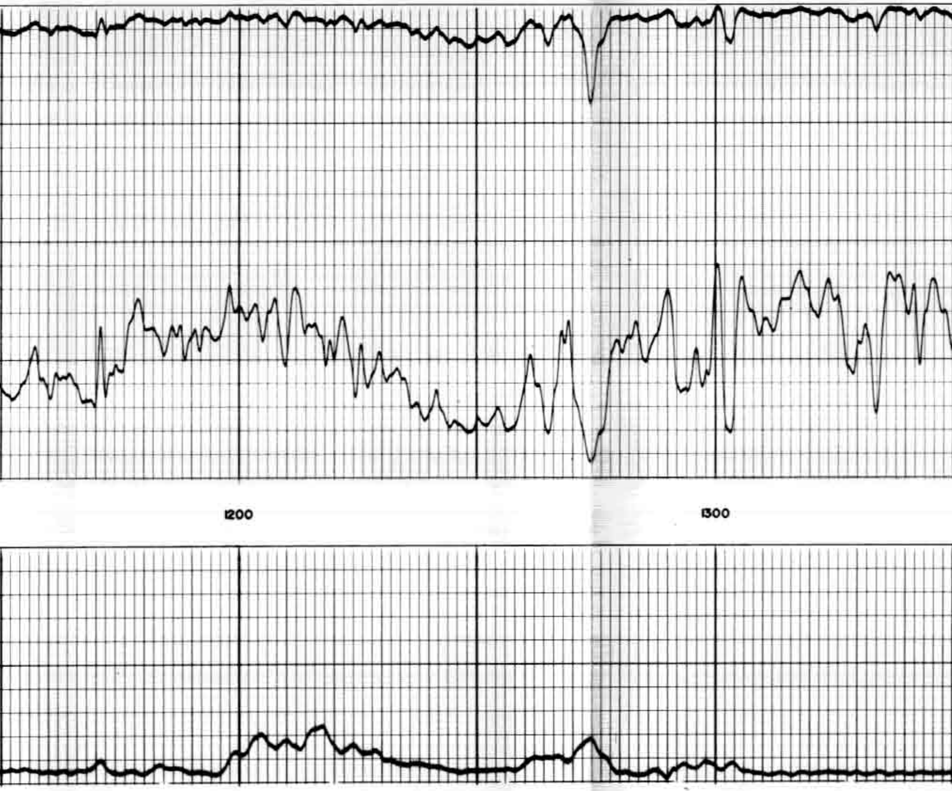

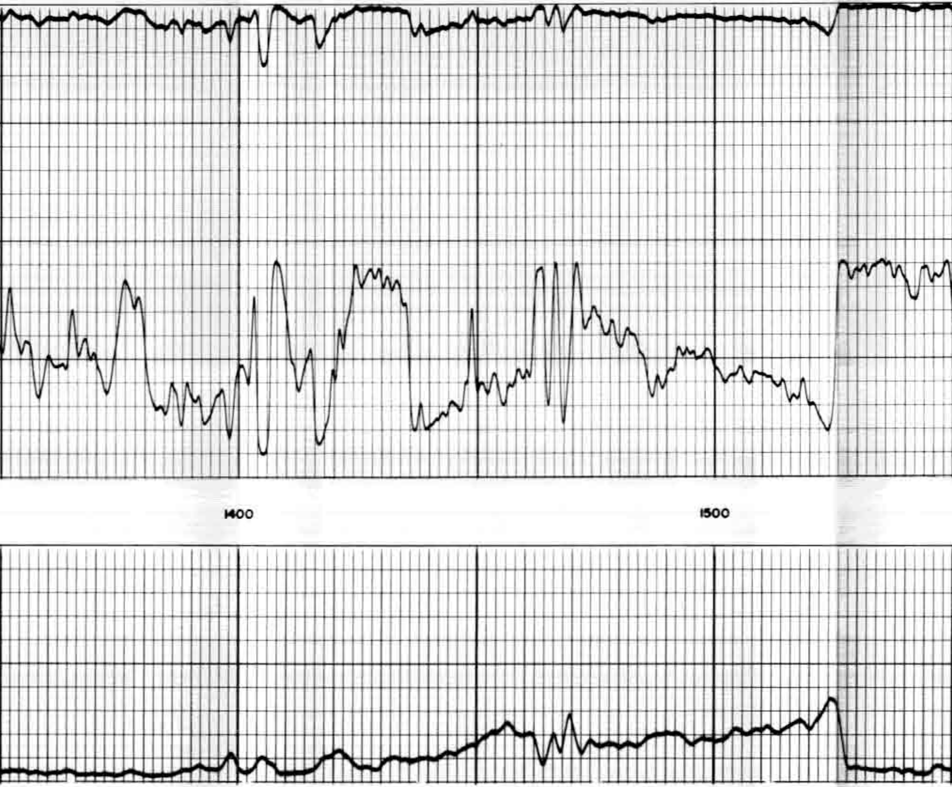

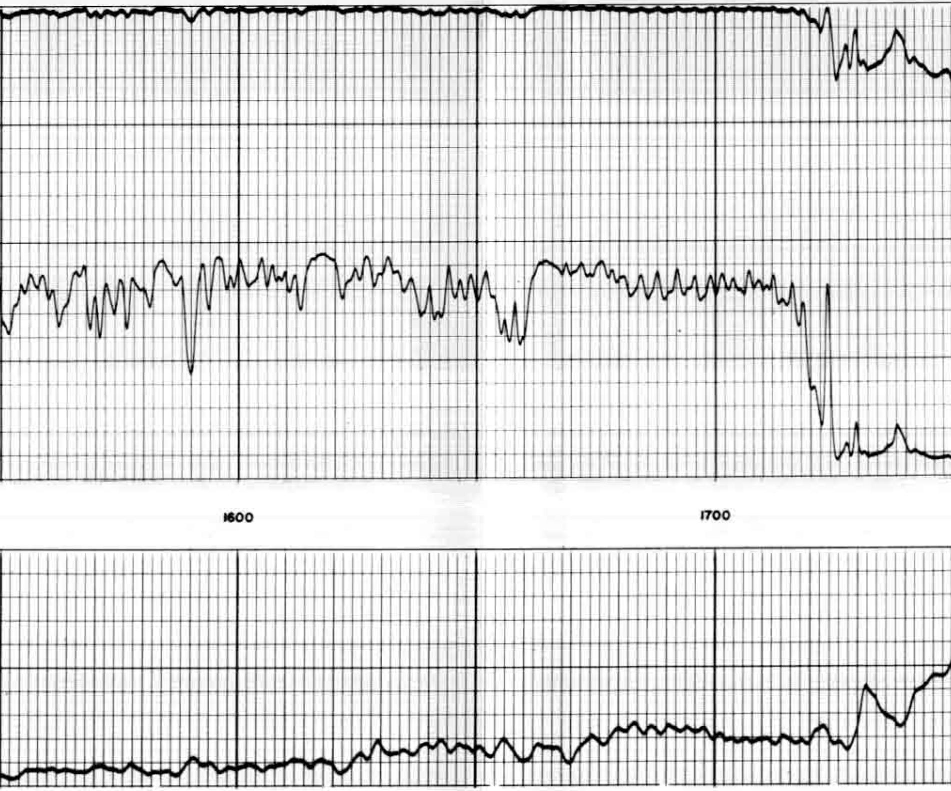

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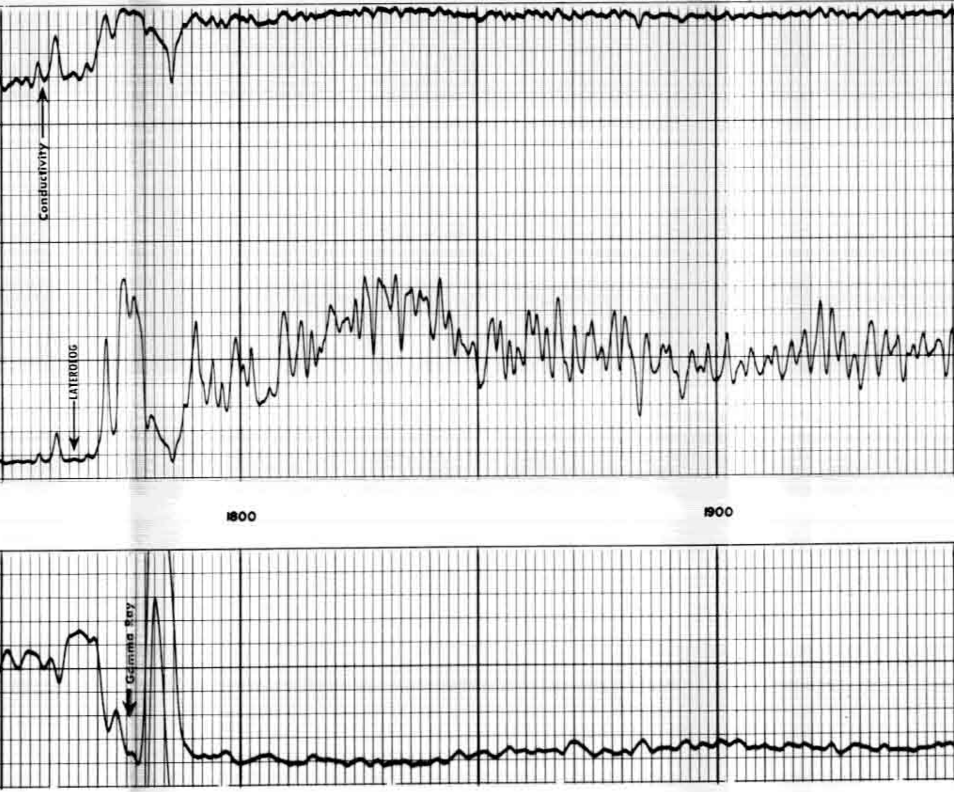
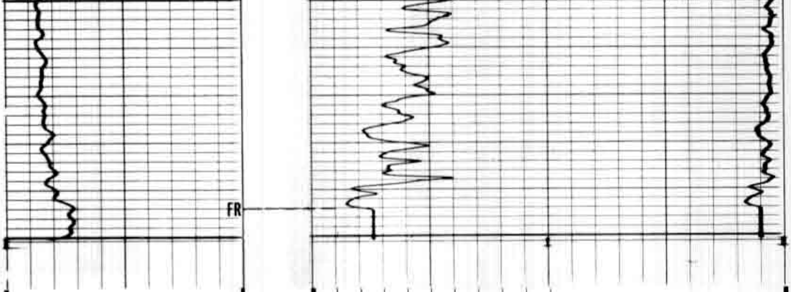




0 40 80 125 250 ∞
20 60 100 167 500

RESISTIVITY
OHM-M

400 200 0

CONDUCTIVITY
MILLIMHOS/M (=1000/OHM-M)

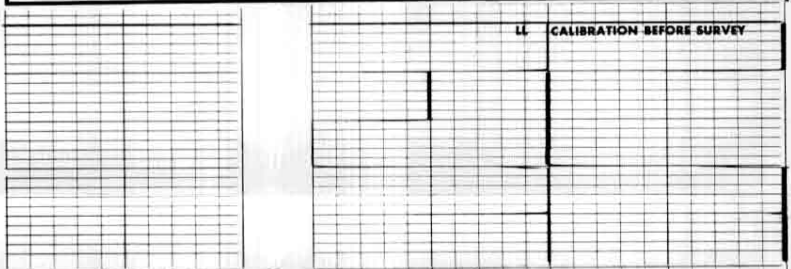
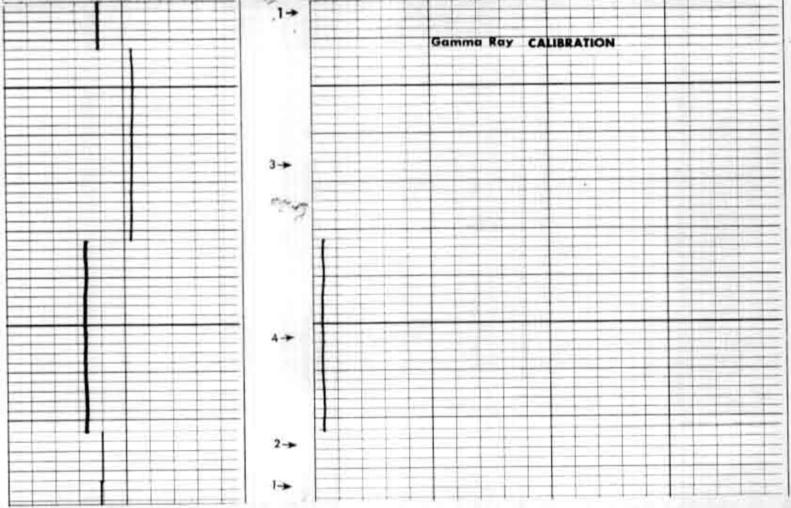
LATEROLOG
BEAM WIDTH = 1', GUARD LENGTH =

0 200

GAMMA RAY ZERO 0 DIV. TO LEFT OF THIS LINE

GAMMA RAY

DEPTHS

RADIOACTIVITY CALIBRATION DATA