

Case No.
7600

Large Exhibits



WELLS
COMPENSATED DENSITY NEUTRON LOG

COMPANY: GULF OIL EXPLORATION & PRODUCTION CO.
WELL: ARNOLD - RAMSAY (NCT - B) # 4
FIELD: LANGLEY - MATTHEW
COUNTY: LEA STATE: NEW MEXICO
Location: 330° FNL & 330° FWL Forco-Guard

Sec: 32 Twp: 25-S Rge: 37-E
Permament Datum: Ground Level Elev: 2999'
Log Measured From: 11' Bushing Elev: 3000'
Drilling Measured From: 11' Bushing Elev: 2999'

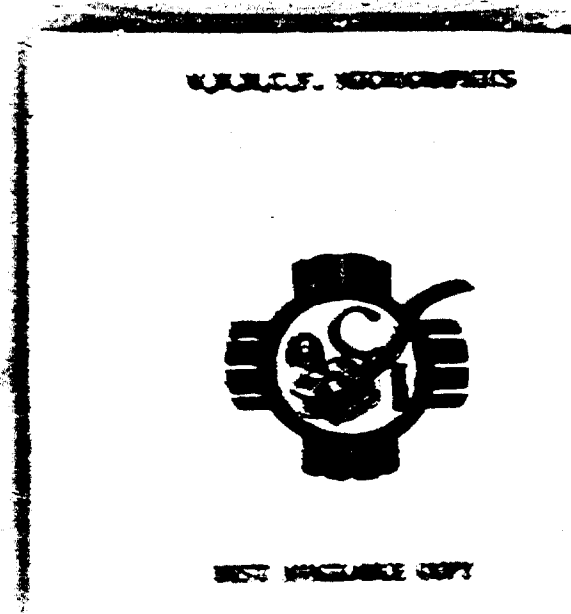
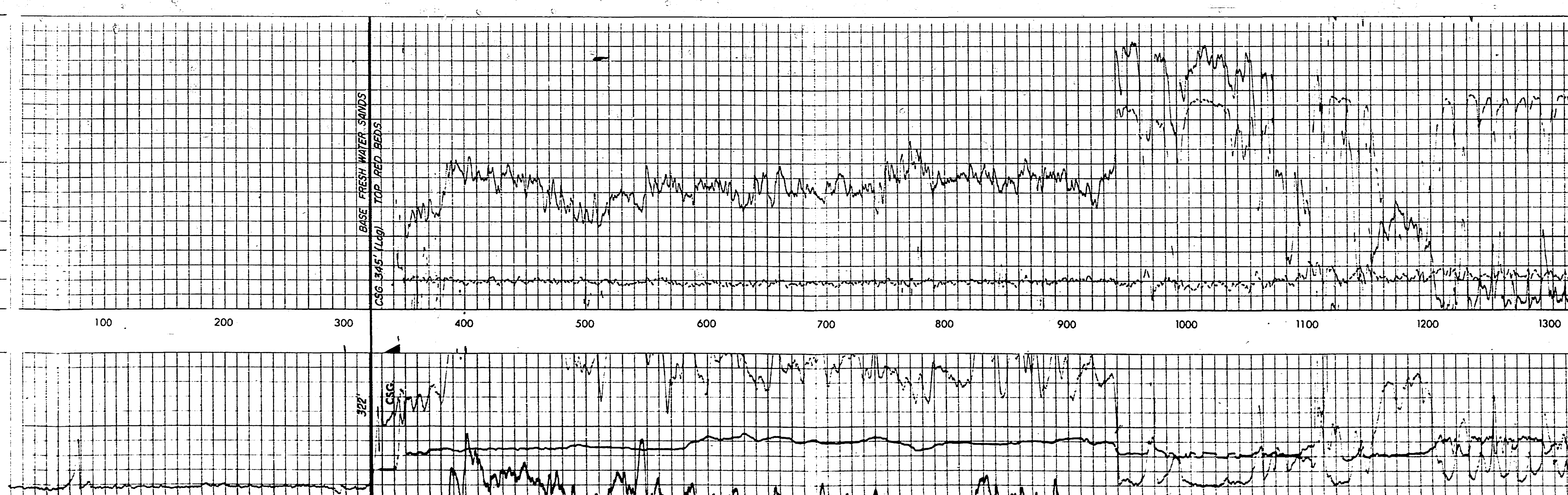
Date: 7/2/78
Run No: One
Depth - Total: 3600
Depth - Meas: 3531
Btm Locater: 3531
Top Locater: Surface
Casing - Outer: 8" x 8" @ 352'
Casing - Inner: 345'
Bit Size: 7-7/8"
Bit Base: 344' Base
Type Fluid in Hole: Mud
Depth - Live: 10.2' mi
Depth - Fluid Loss: 10.2' mi
Source of Sample: P11
H₂O Meas Temp: 10.070 °F
H₂O Meas Temp: 09.970 °F
H₂O Meas Temp: 9.911 °F
H₂O Meas Temp: 9.888 °F
Source H₂O: Measured
H₂O Brd: 0.08 - 0.100 T
Time Since Crt: 6 Hours
Min. Rec Temp: 10.0 °F G. H. H.
Log Location: 34.35' - 10.2' mi

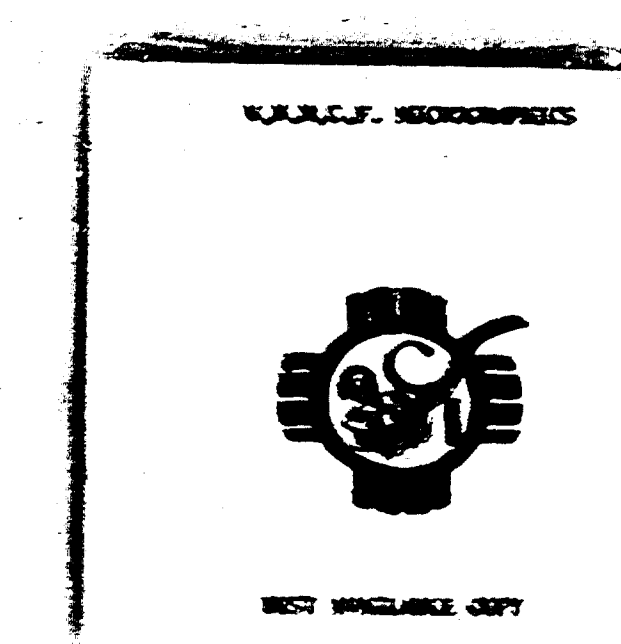
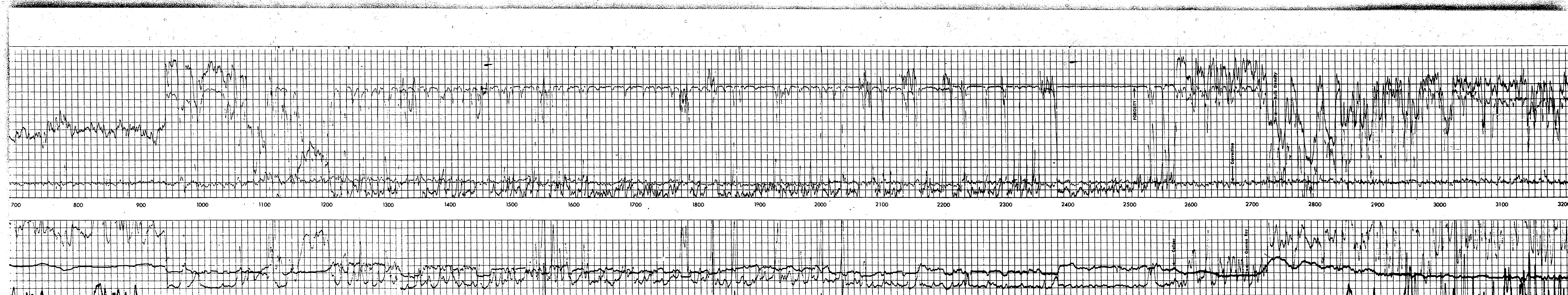
Ref: Item X of C-108

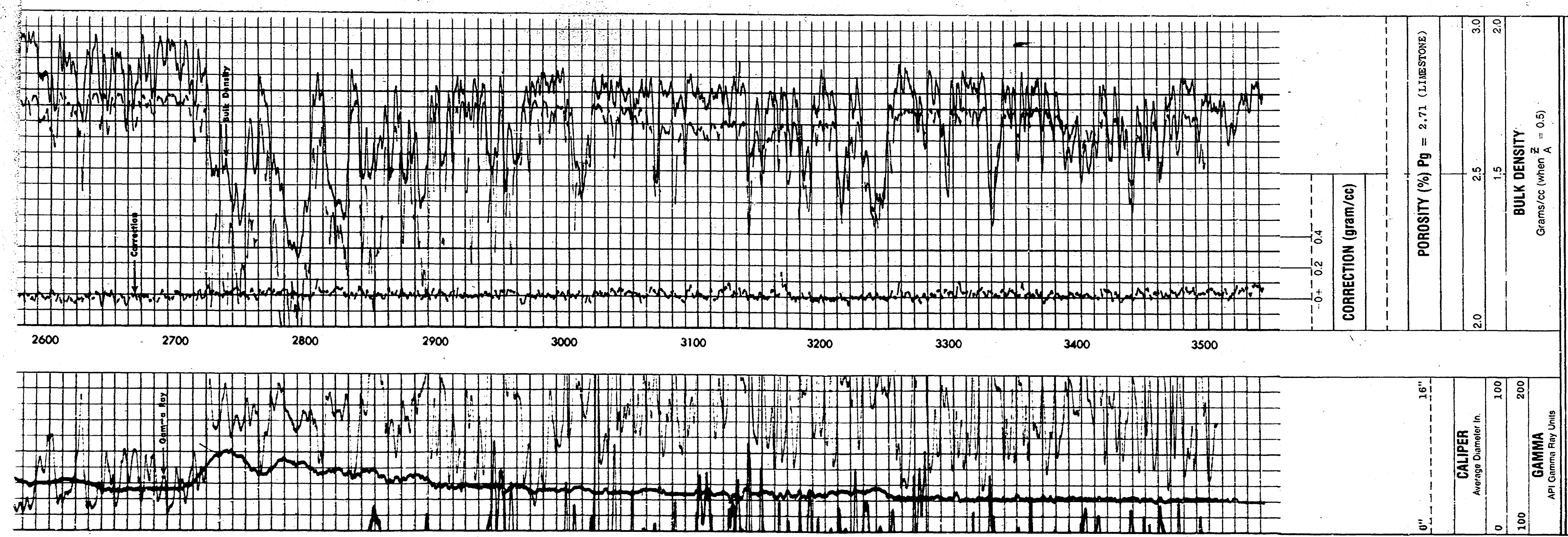
EXHIBIT NO. 7A
CASE NO. 7A
Submitted by: GULF OIL CORP.
Hearing Date: June 9, 1982

Run No.	Log No.	Depth	Gamma Ray	Neutron	Caliper	Temperature	Pressure	Flow	Other
1	100	0	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100
3	100	200	100	100	100	100	100	100	100
4	100	300	100	100	100	100	100	100	100
5	100	400	100	100	100	100	100	100	100
6	100	500	100	100	100	100	100	100	100
7	100	600	100	100	100	100	100	100	100
8	100	700	100	100	100	100	100	100	100
9	100	800	100	100	100	100	100	100	100
10	100	900	100	100	100	100	100	100	100
11	100	1000	100	100	100	100	100	100	100
12	100	1100	100	100	100	100	100	100	100
13	100	1200	100	100	100	100	100	100	100
14	100	1300	100	100	100	100	100	100	100

Run No.	Log No.	Depth	Gamma Ray	Neutron	Caliper	Temperature	Pressure	Flow	Other
1	100	0	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100
3	100	200	100	100	100	100	100	100	100
4	100	300	100	100	100	100	100	100	100
5	100	400	100	100	100	100	100	100	100
6	100	500	100	100	100	100	100	100	100
7	100	600	100	100	100	100	100	100	100
8	100	700	100	100	100	100	100	100	100
9	100	800	100	100	100	100	100	100	100
10	100	900	100	100	100	100	100	100	100
11	100	1000	100	100	100	100	100	100	100
12	100	1100	100	100	100	100	100	100	100
13	100	1200	100	100	100	100	100	100	100
14	100	1300	100	100	100	100	100	100	100







16"

0"

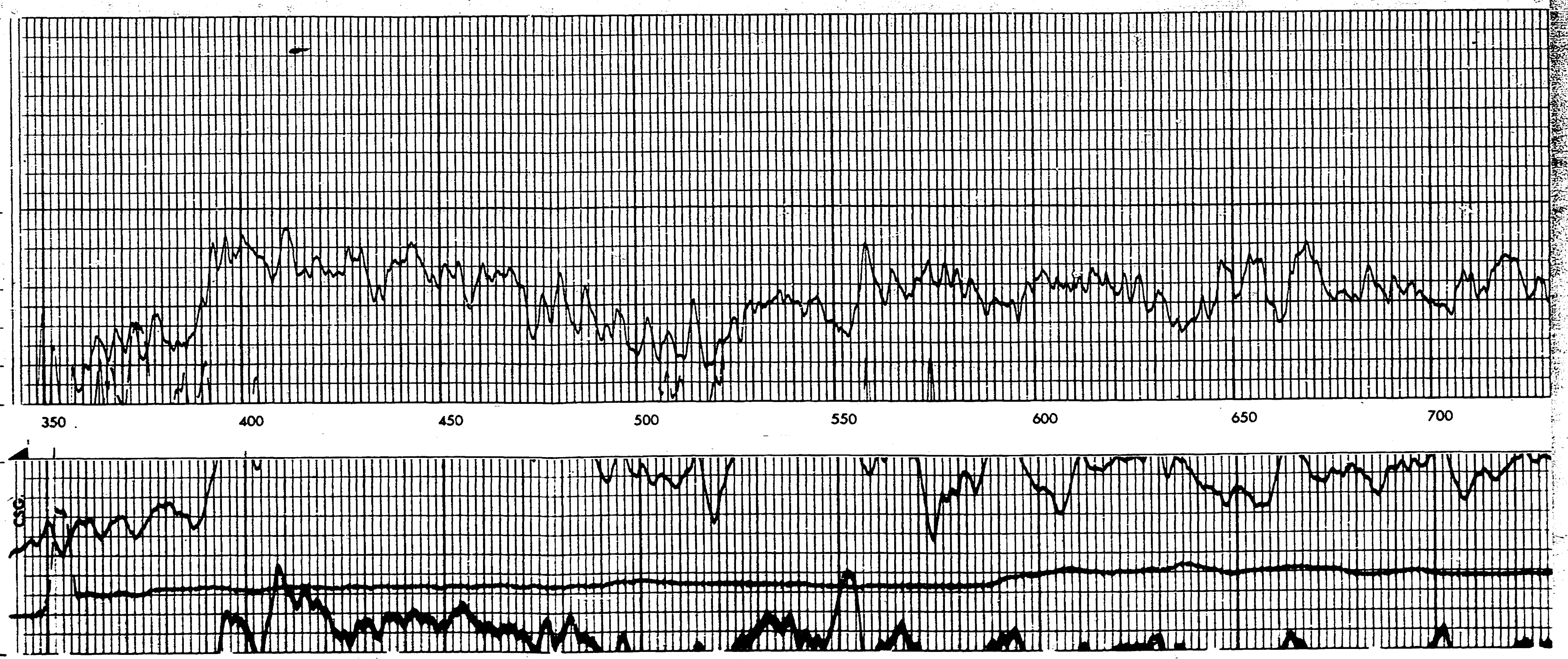
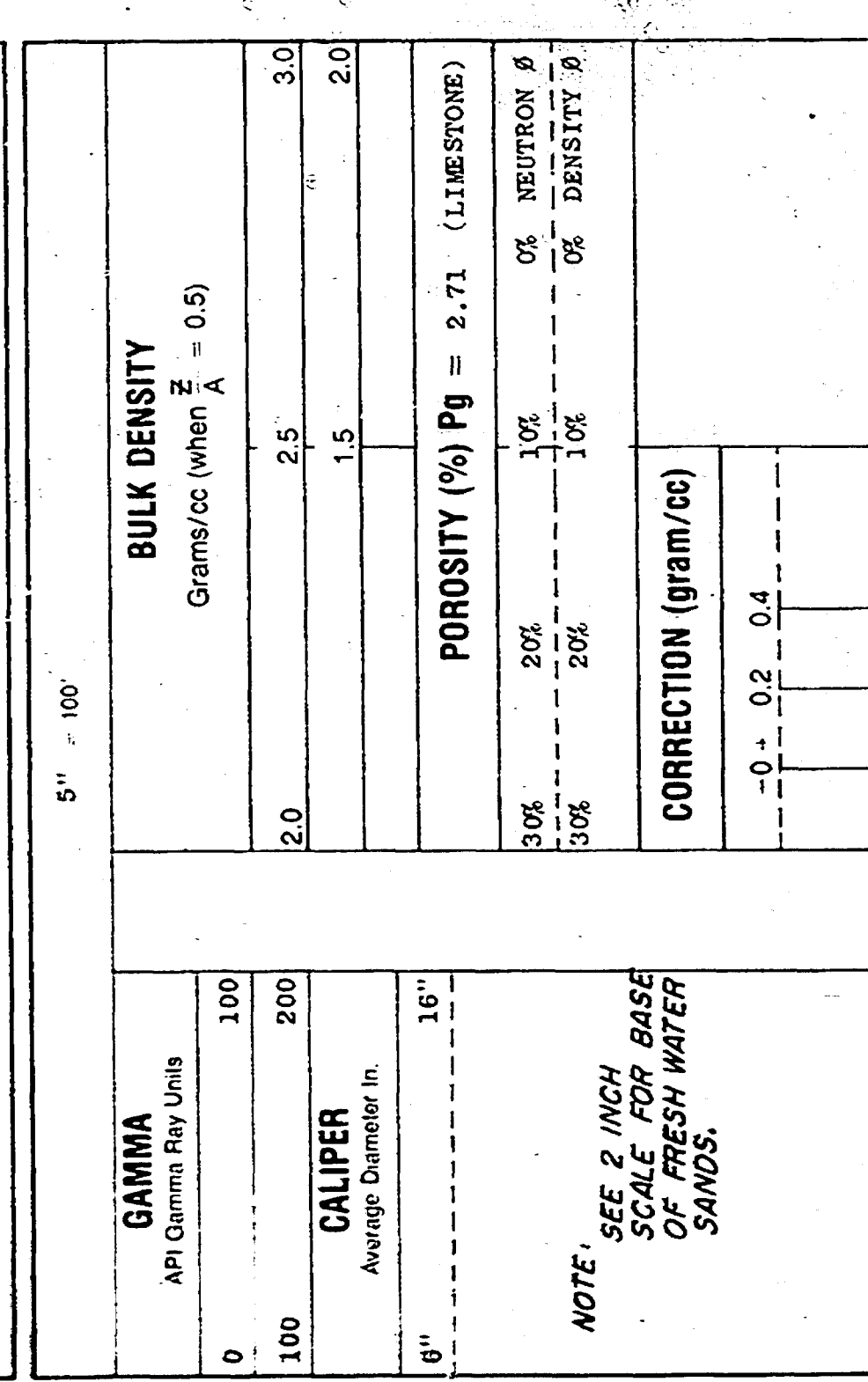
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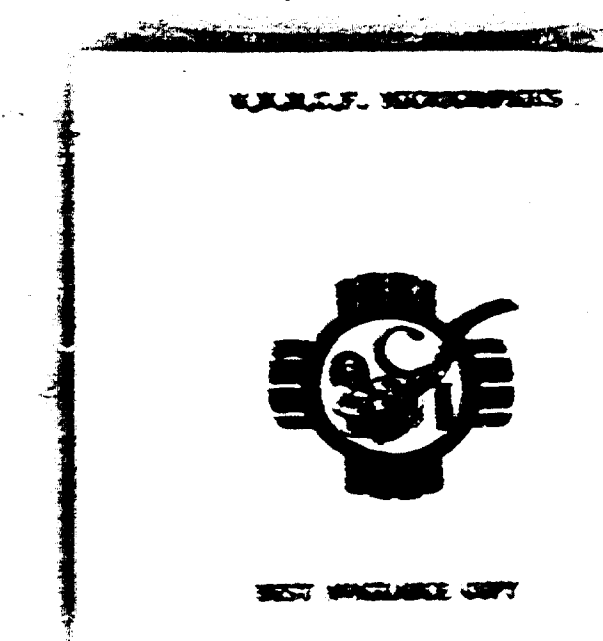
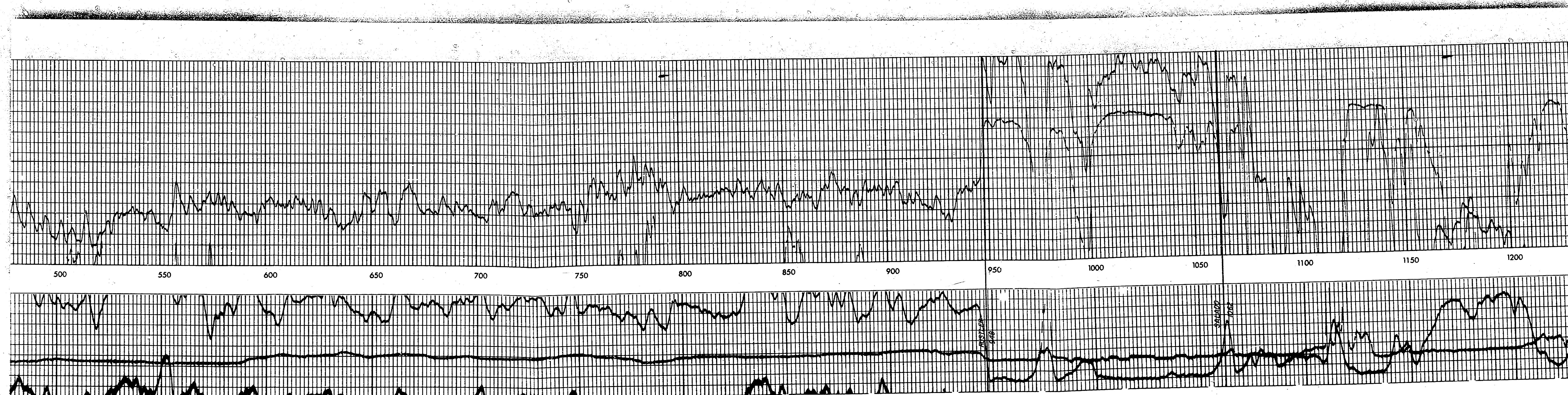
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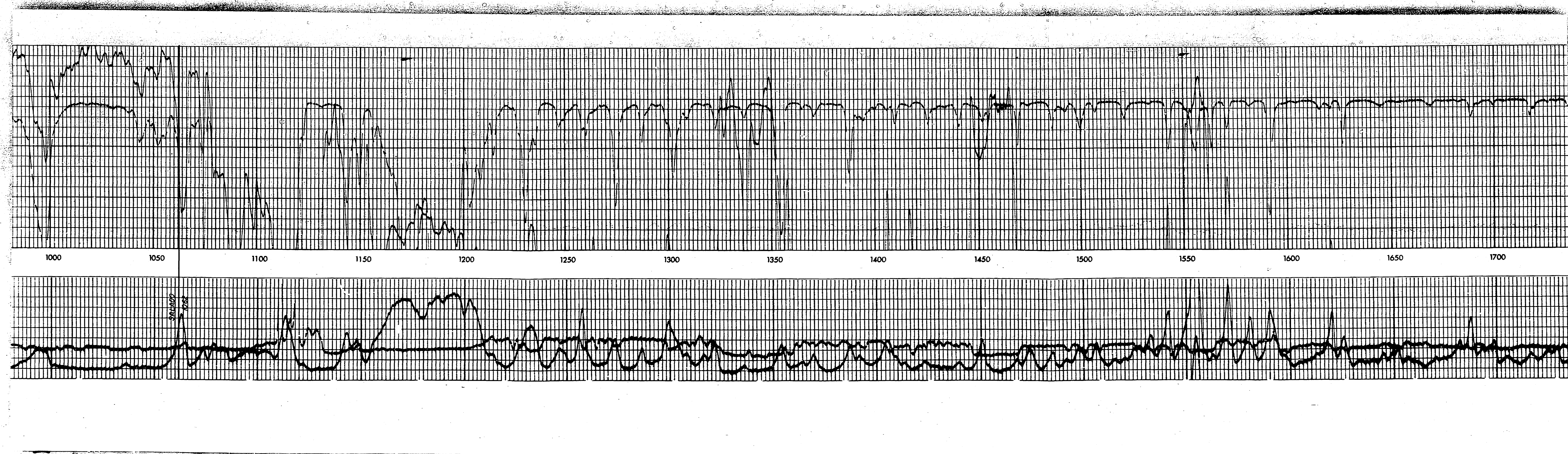
API Gamma Ray Units

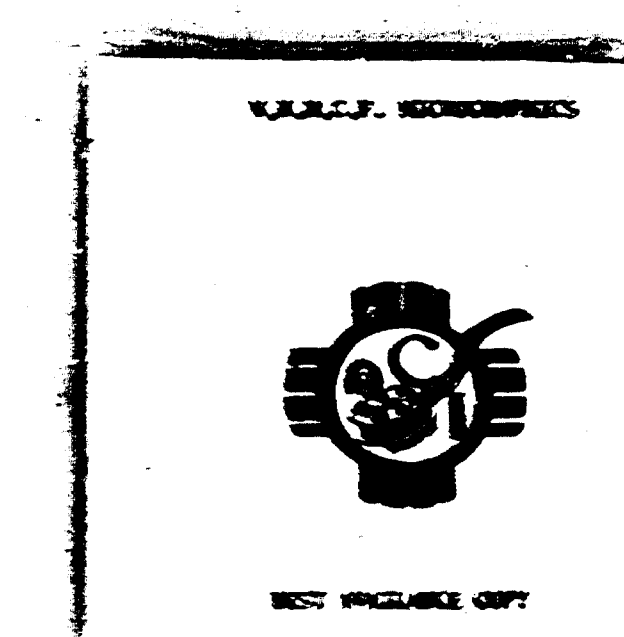
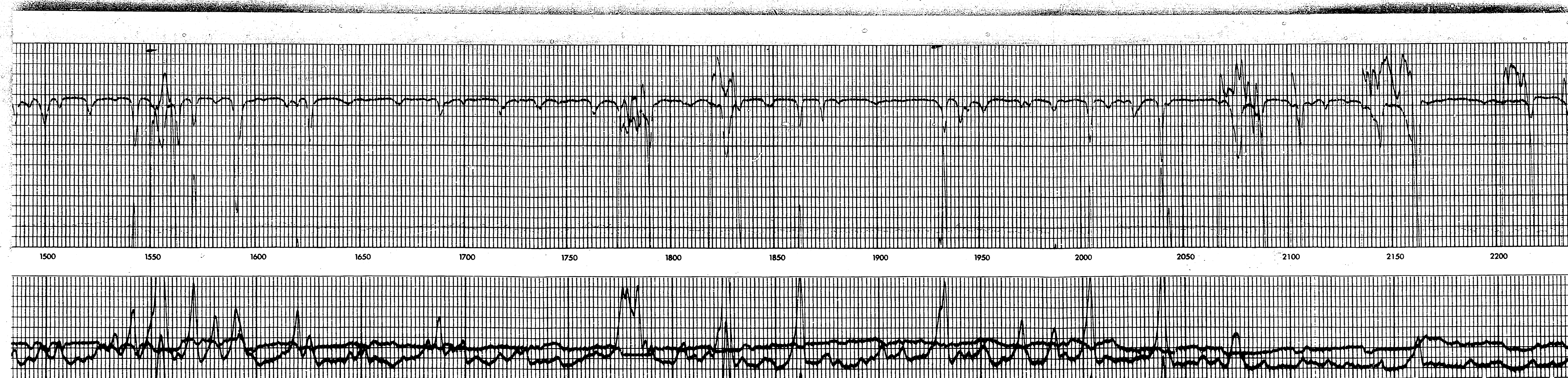
Oil Well Services Corporation
 10000 E. 1st Ave.
 Suite 100
 Denver, CO 80231

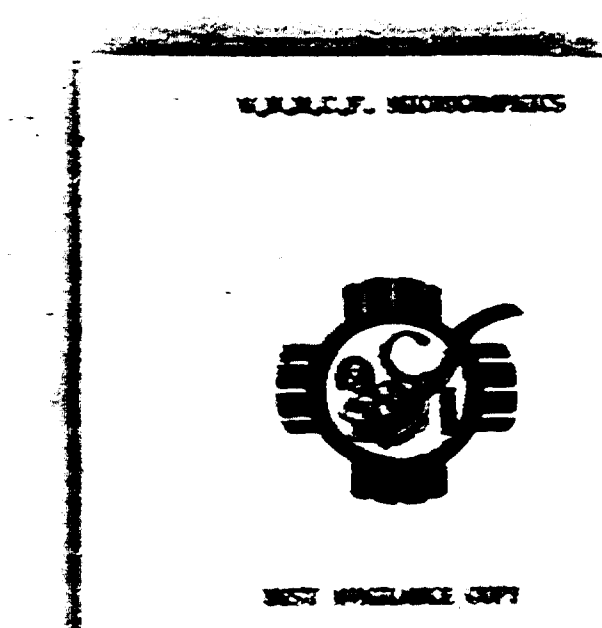
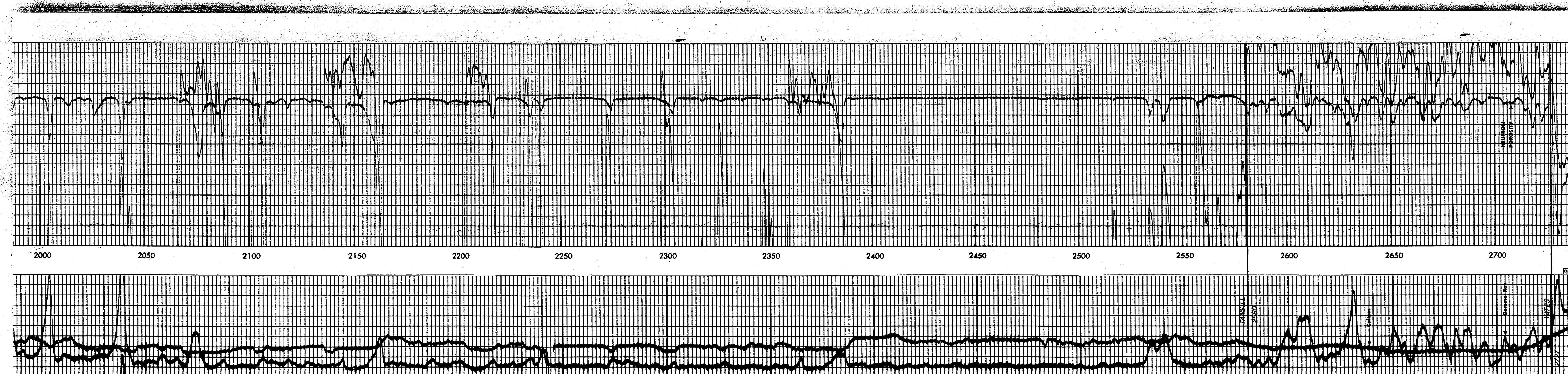
LOGGED 3531'
 TD DRILLER 3500'
 TD WELLS 3532'

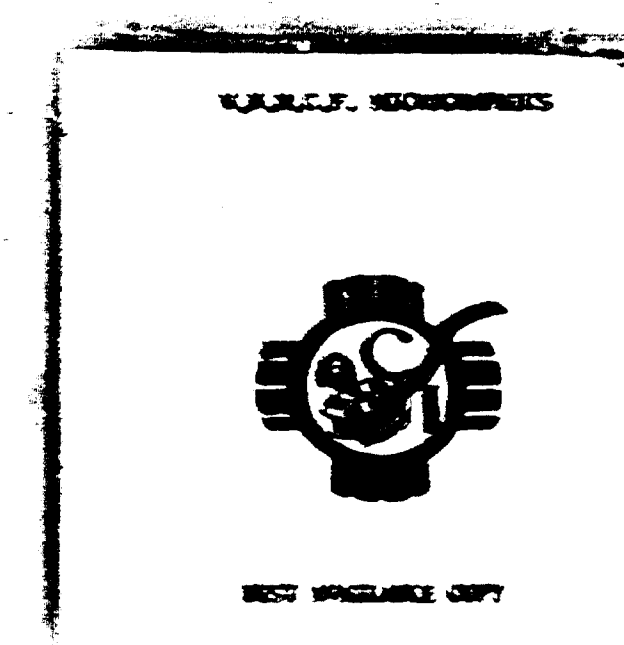
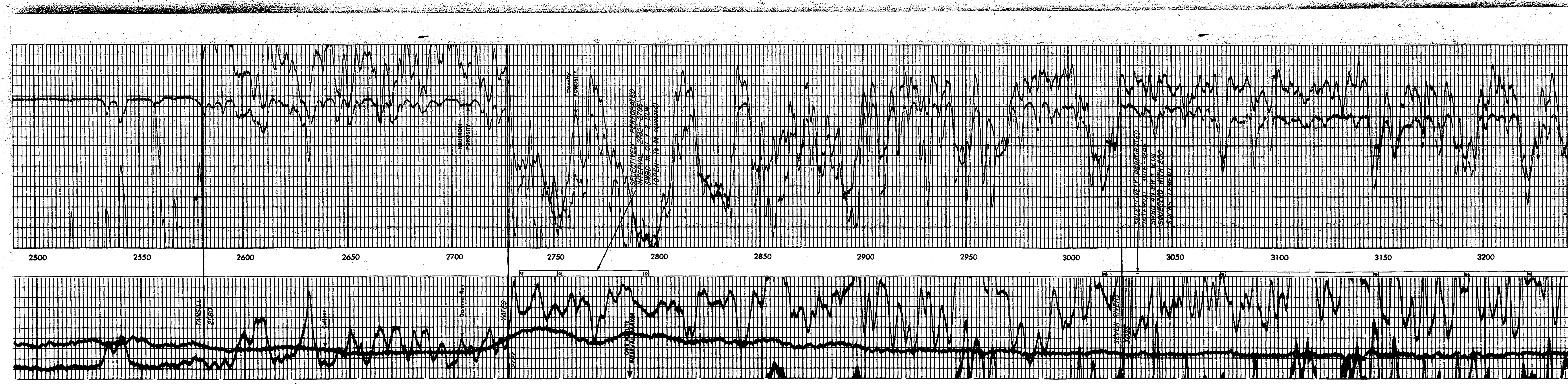


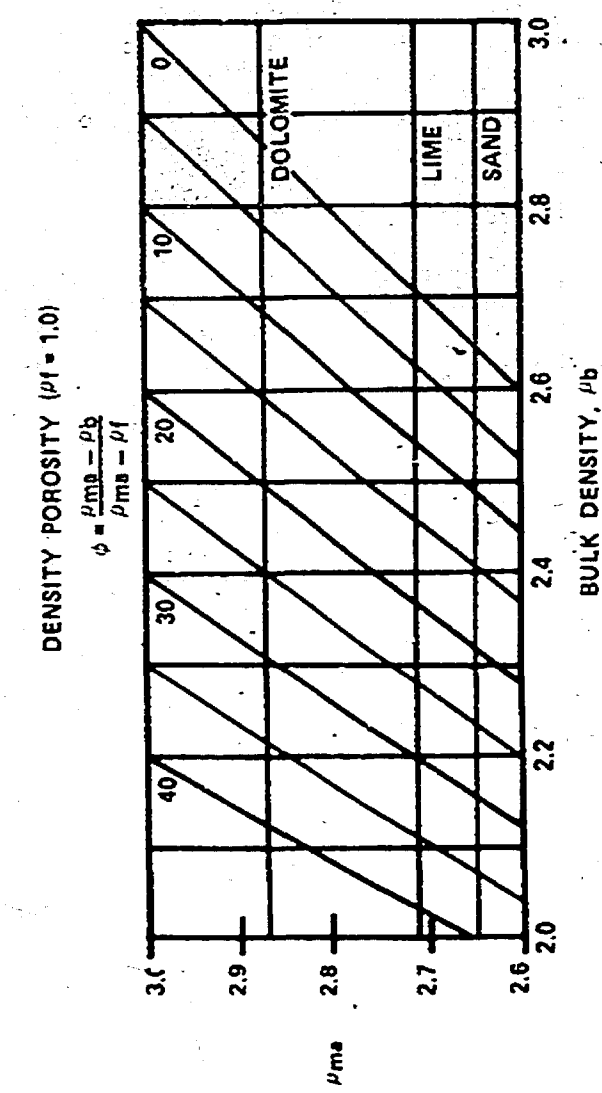
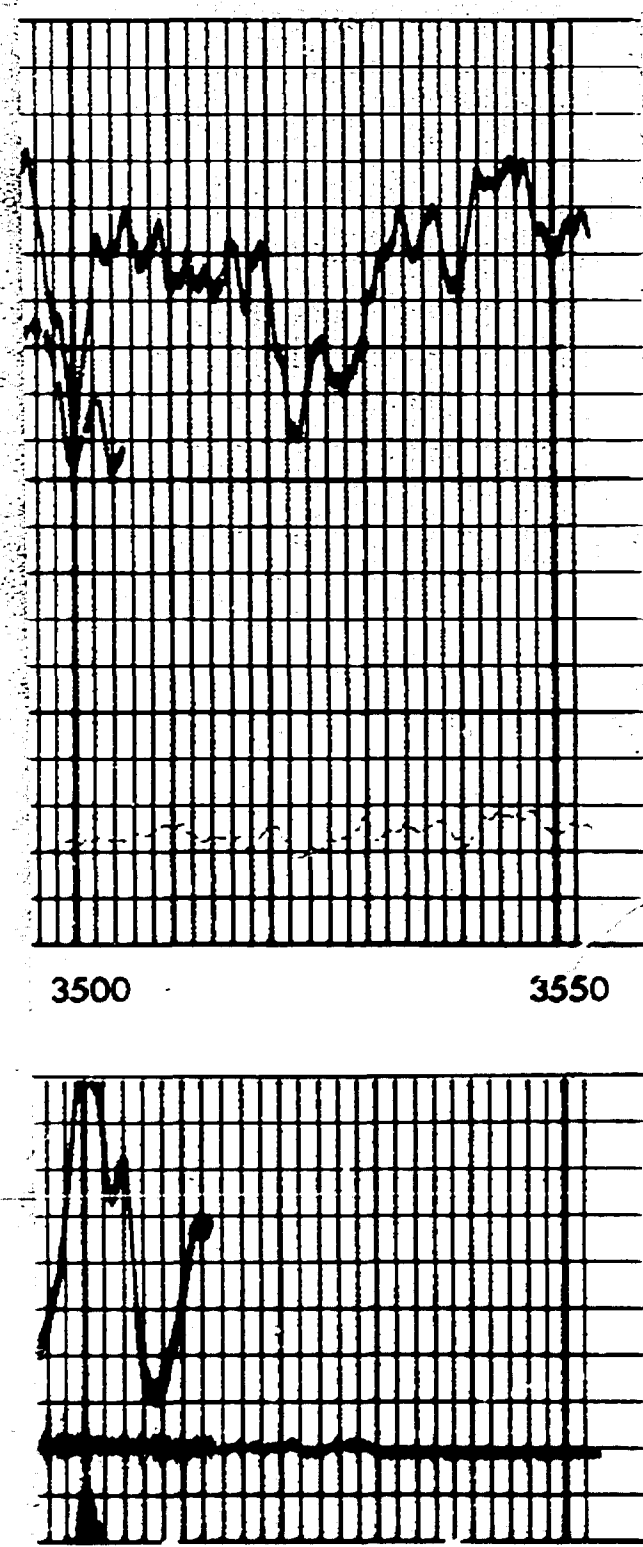




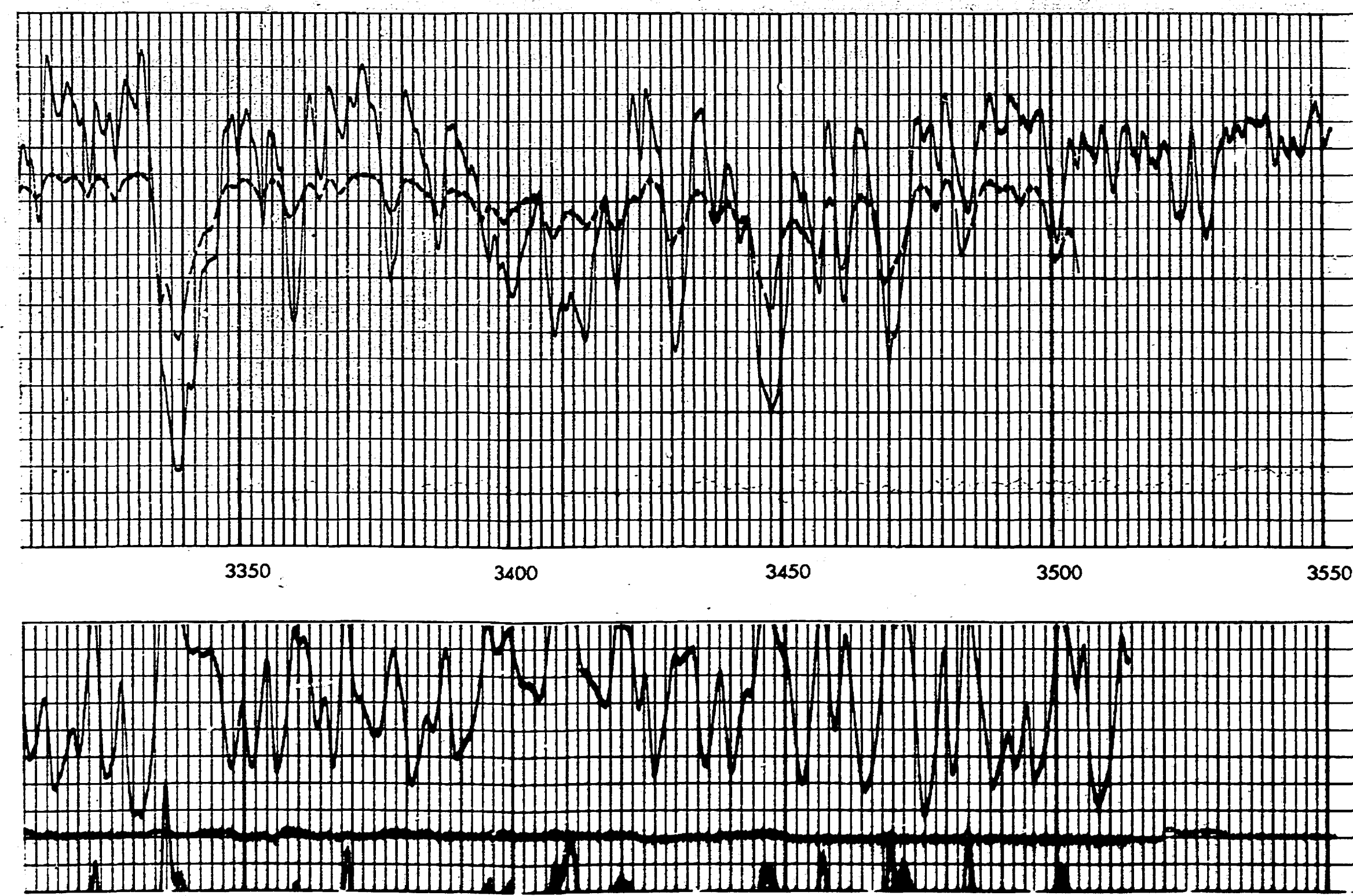








REPEAT SECTION



CORRECTION (gram/cc)	
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40%	10%
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20%	-10%
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0%	-30%
-10%	-40%
-20%	-50%
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-5100%	-5130%
-5110%	-5140%
-5120%	-5150%
-5130%	-5160%
-5140%	-5170%
-5150%	-5180%
-5160%	-5190%
-5170%	-5200%
-5180%	-5210%
-5190%	-5220%
-5200%	-5230%
-5210%	-5240%
-5220%	-5250%
-5230%	-5260%
-5240%	-5270%
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-5270%	-5300%
-5280%	-5310%
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