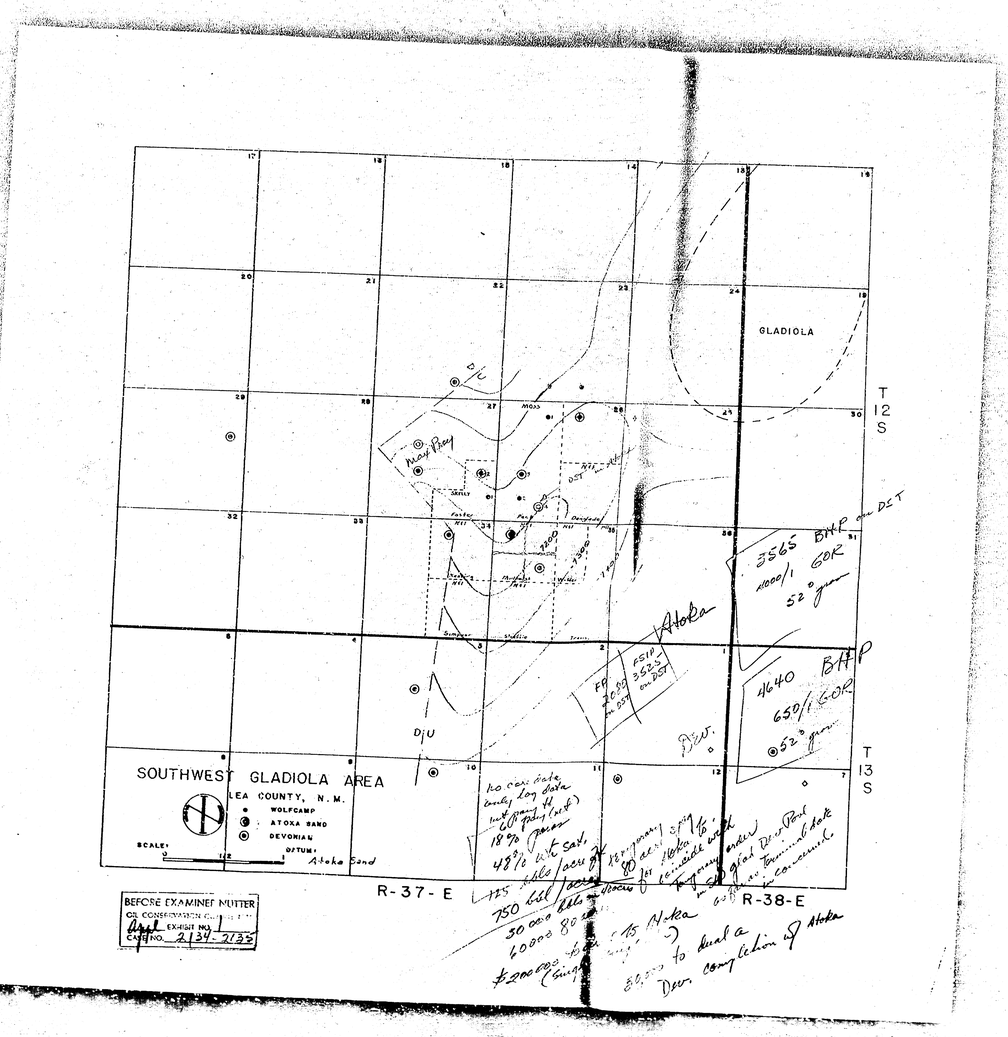
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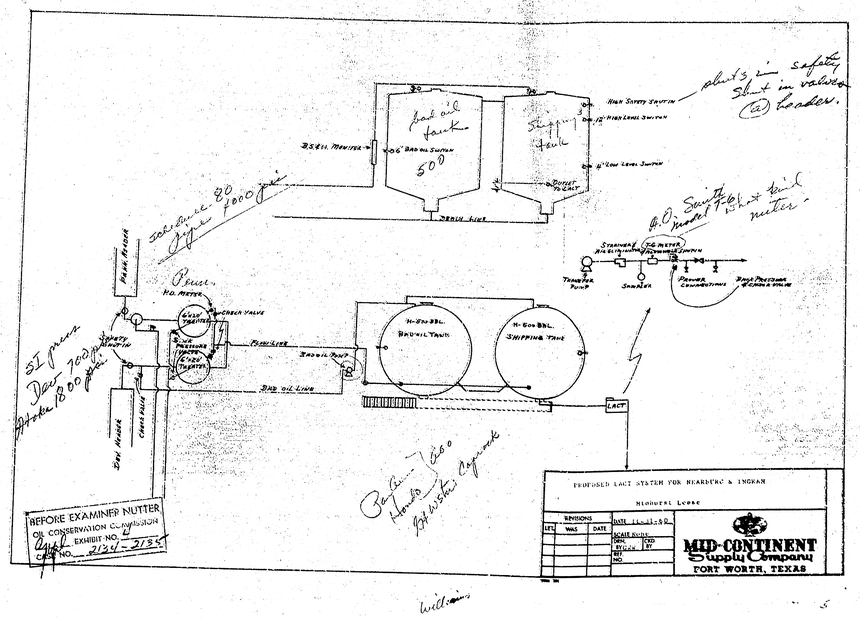
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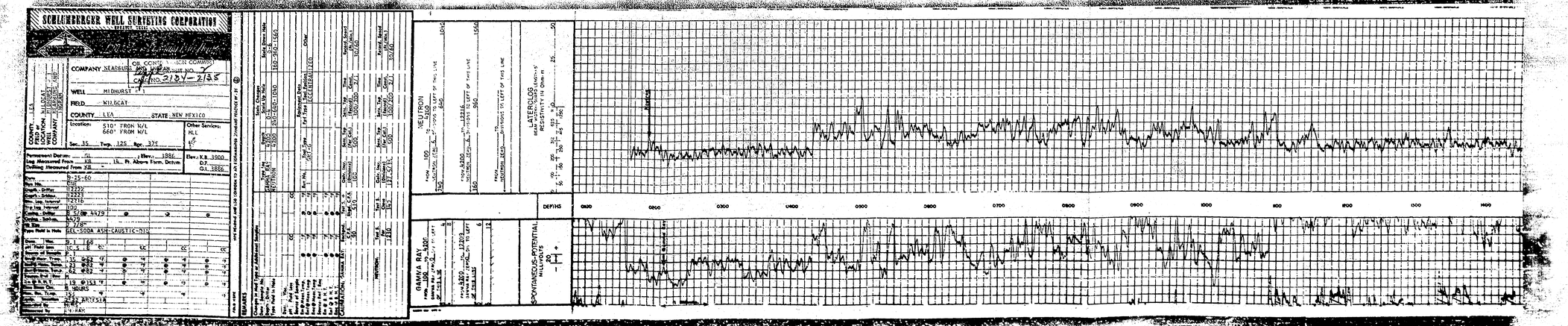
Large Exhibits

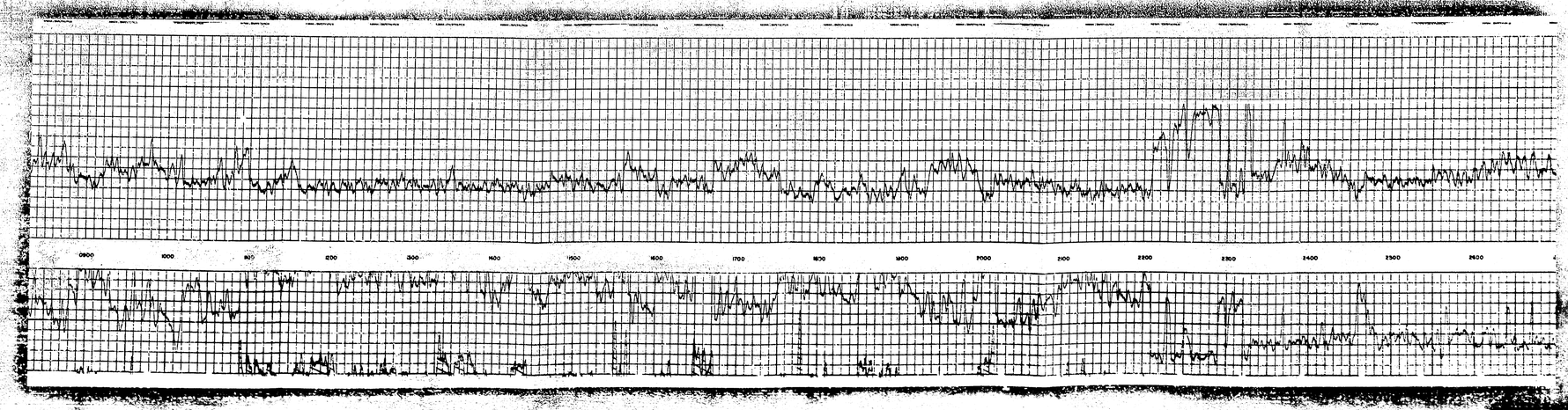


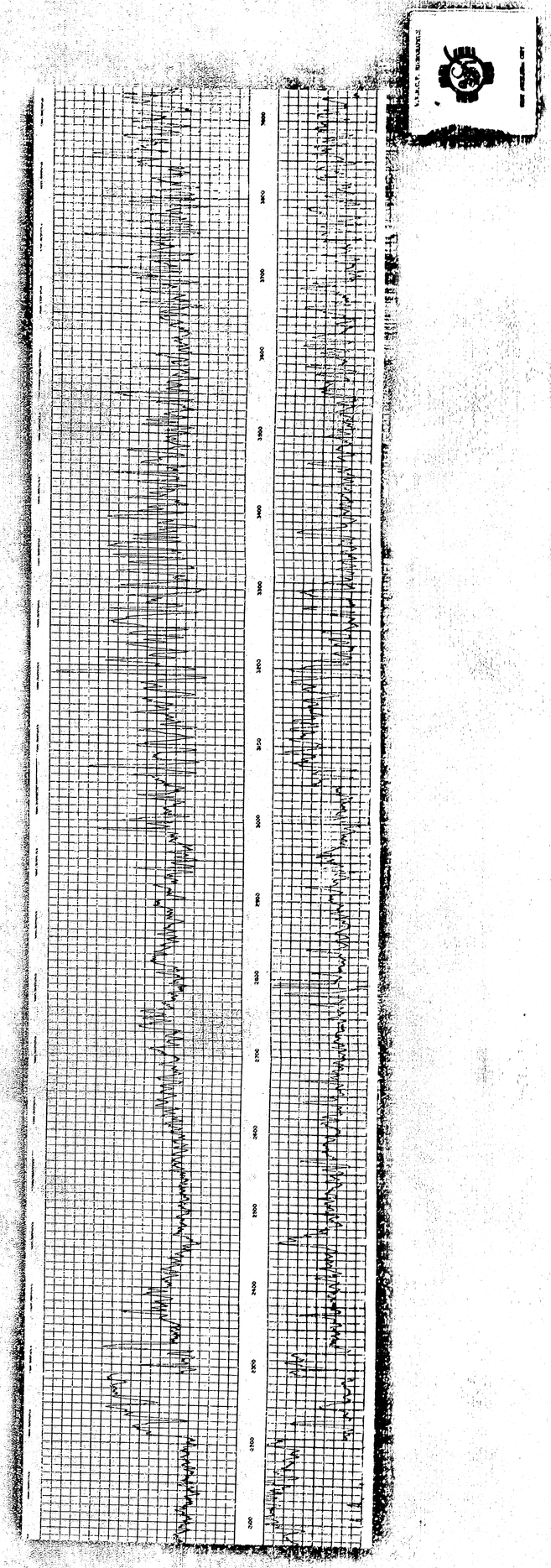
BEFORE EXAMINER MUTTER
OIL CONSERVATION C.
EXHIBIT NO. 1
CASE NO. 2134-2135

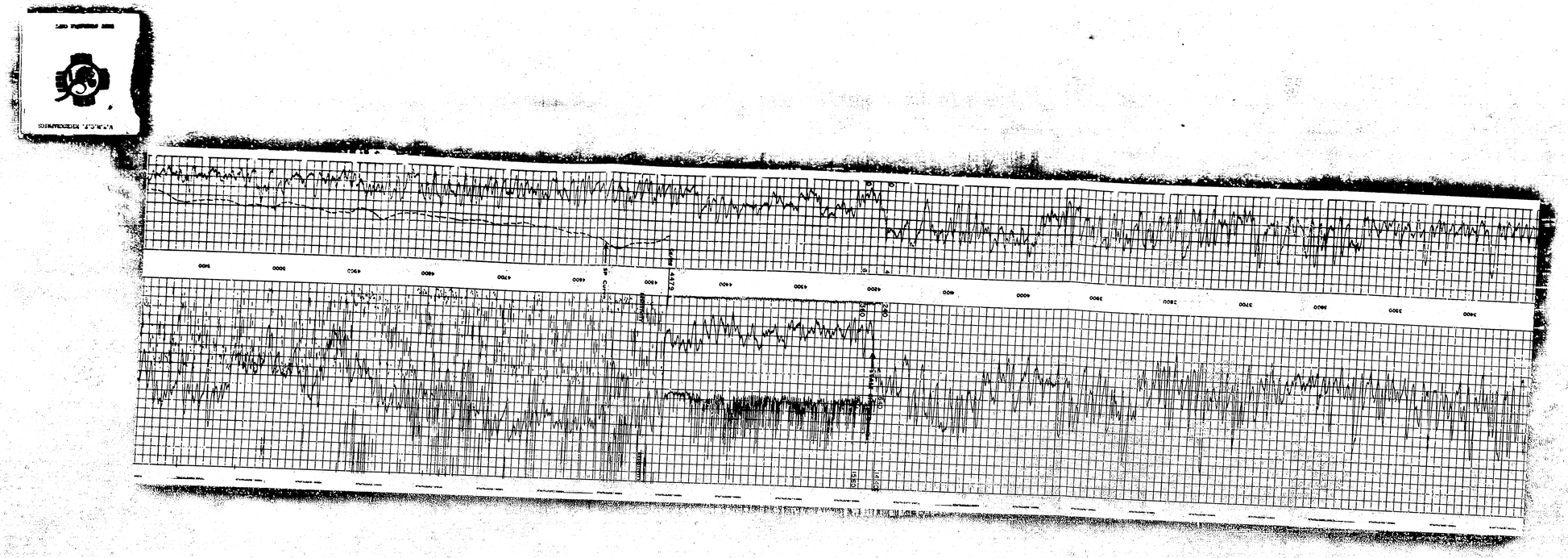
U.S.N.C.P. MICROGRAPHICS

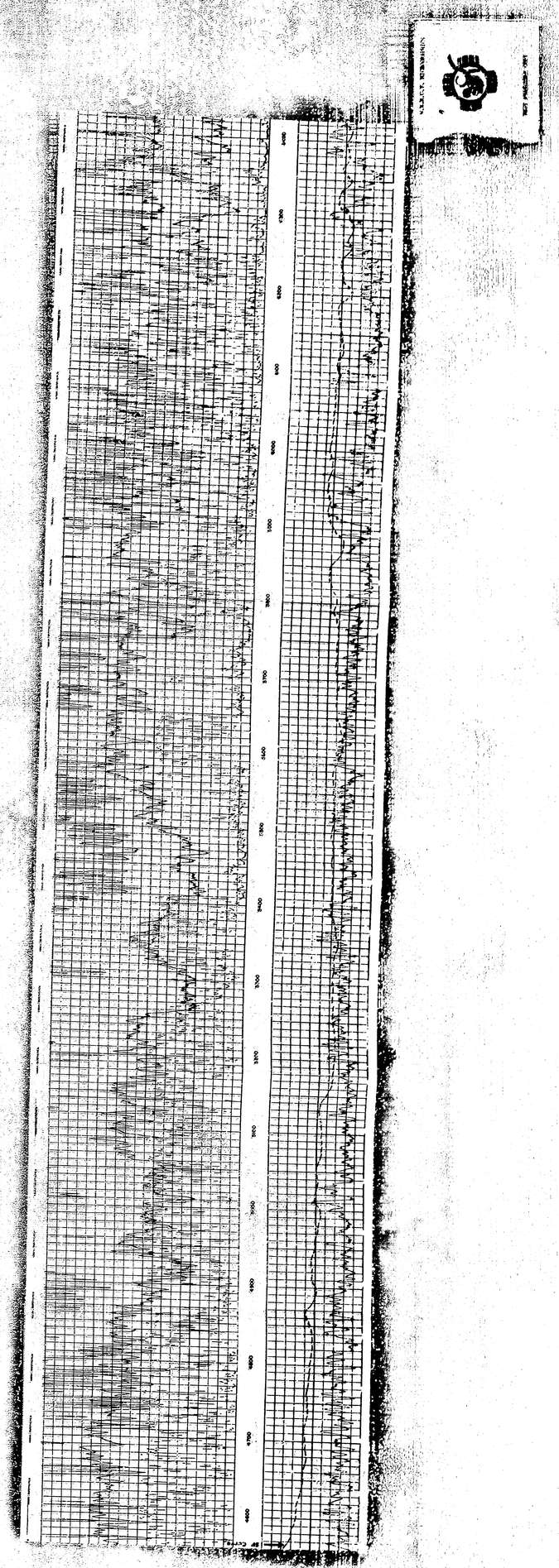

Fuel oil tank
500
Slopp tank
HIGH SAFETY SWITCH
2" SEAL MANIFOLD
6" BAD OIL SWITCH
10" DUMP HIGH LEVEL SWITCH
10" LOW LEVEL SWITCH
OUTLET TO SALT
DRAIN AUGER
Set Back 80 Type 7000 ft
Plan's in Safety Shut in valves (2) Loader.
G.O. Smith Model 1½ inch test meter.
STRAINER & AIR ELIMINATOR
TEST METER
TRANSFER PUMP
SHRINKER
PIPING CONNECTIONS
HIGH PRESSURE RUBBER HOSE
PARK AVENUE
METER
CHECK VALVE
SAFETY SHUT-IN
FLOW LINE
SEAL OIL LINE
GAS HEADER
CASING HEAD
N-250 BBL. BRINE TANK
N-500 BBL. SHIPPING TANK
LACT
51 gpm Desr 700 gpm Hydril 1800 gpm
Gas Engine Hercules Gas Engine Superior
PROPOSED LACT SYSTEM FOR NEARBURG & INGRAM
Midwest Lease
REVISIONS
NO. | WAS | DATE
DATE 11-21-50
SCALE 1/2"=1'-0"
DRN. | CHD.
BY | BY
REF. NO.
MID-CONTINENT Supply Company
FORT WORTH, TEXAS
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 2124 - 3735

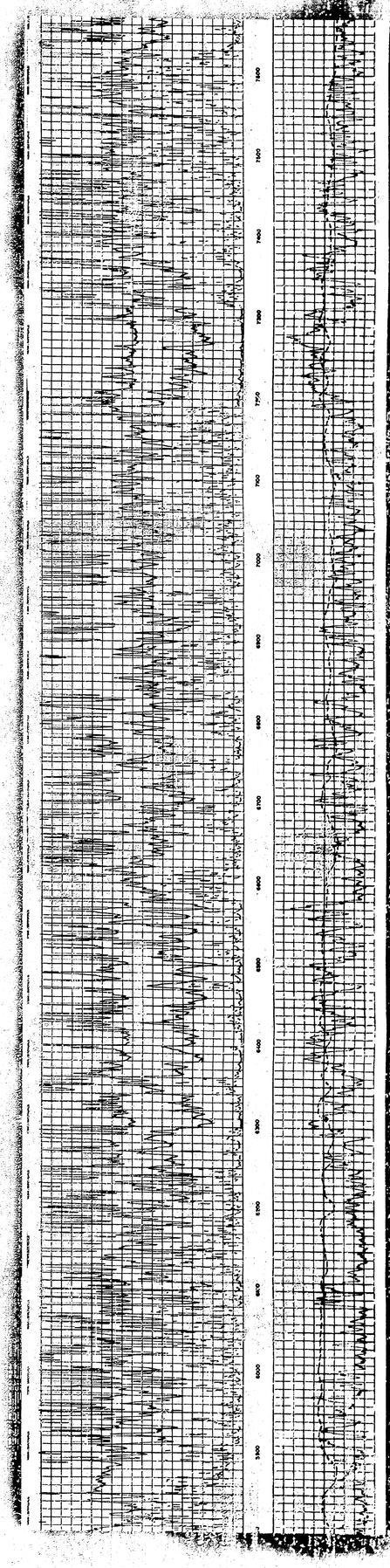

SCHLUMBERGER WELL SURVEYING CORPORATION
COMPANY SEABOARD OIL COMPANY OF TEXAS
WELL MIDHURST #1
FIELD WILDCAT
COUNTY LEA STATE NEW MEXICO
Location: 510' FROM N/L 660' FROM W/L
Sec. 35 Twp. 12S Rge. 37E
Other Services: NLL
Permanent Datum: GL Elev.: 3886
Log Measured From KB 14 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. 3900 D.F. G.L. 3886
Date 9-25-60
Run No. ONE
Depth - Driller 12222
Depth - Schlum. 12223
Btm. Log Interval 12216
Top Log Interval 1002
Casing - Driller 8 5/8@ 4479
Casing - Schlum. 4478
Bit Size 7 7/8"
Type Fluid in Hole GEL-SODA ASH-CAUSTIC-SIZ
Fluid Loss cc cc cc
Source of Sample PIT
Rm @ Meas. Temp. .37 @ 68
Rmf @ Meas. Temp. .32 @ 68
Rmc @ Meas. Temp. .82 @ 68
Source of Rmf & Rmc RECIRC
Rm @ BHT .19 @153 °F
Time Since Circ. 8 HOURS
Max. Rec. Temp. 153
Equip. No. & Loc. 2247 ARTESIA
Recorded By R. RAY
Witnessed By MR. ANDERSON
OIL CONSERVATION COMMISSION
EXHIBIT NO. 7
CASE NO. 2137-2135
RUN NO. ONE
Date Run No.
Depth Driller 12222
Depth Logger 12223
Bottom Logged Interval 12216
Top Logged Interval 1002
Type Fluid in Hole GEL-SODA ASH-CAUSTIC-SIZ
Salinity, PPM Cl 1600-2400-3200
Density Lb/Gal 9.1
Level FULL
Max. Rec. Temp. Deg. F 153
Estimated Cement Top 1002
Time Since Circulation 8 HOURS
Time Logger on Bottom 1300 9-25-60
Unit Number 2247
Witnessed By MR. ANDERSON
Recorded By R. RAY
Other Services NLL
Run No. ONE
Type Log NEUTRON
Depth-Driller 12222
Depth-Logger 12223
Bottom Logged Interval 12216
Top Logged Interval 1002
Type Fluid in Hole GEL-SODA ASH-CAUSTIC-SIZ
Salinity, PPM Cl 1600-2400-3200
Density Lb/Gal 9.1
Max. Rec. Temp. Deg. F 153
Operating Rig Time 13 HOURS
Recorded By R. RAY
Witnessed By MR. ANDERSON
Run No. ONE
Type Log DUAL INDUCTION-LATEROLOG
Depth-Driller 12222
Depth-Logger 12223
Bottom Logged Interval 12216
Top Logged Interval 1002
Type Fluid in Hole GEL-SODA ASH-CAUSTIC-SIZ
Salinity, PPM Cl 1600-2400-3200
Density Lb/Gal 9.1
Max. Rec. Temp. Deg. F 153
Operating Rig Time 13 HOURS
Recorded By R. RAY
Witnessed By MR. ANDERSON
Run No. ONE
Type Log MICRO
Depth-Driller 12222
Depth-Logger 12223
Bottom Logged Interval 12216
Top Logged Interval 1002
Type Fluid in Hole GEL-SODA ASH-CAUSTIC-SIZ
Salinity, PPM Cl 1600-2400-3200
Density Lb/Gal 9.1
Max. Rec. Temp. Deg. F 153
Operating Rig Time 13 HOURS
Recorded By R. RAY
Witnessed By MR. ANDERSON
Run No. ONE
Type Log SONIC GAMMA RAY
Depth-Driller 12222
Depth-Logger 12223
Bottom Logged Interval 12216
Top Logged Interval 1002
Type Fluid in Hole GEL-SODA ASH-CAUSTIC-SIZ
Salinity, PPM Cl 1600-2400-3200
Density Lb/Gal 9.1
Max. Rec. Temp. Deg. F 153
Operating Rig Time 13 HOURS
Recorded By R. RAY
Witnessed By MR. ANDERSON
Run No. ONE
Type Log CALIPER
Depth-Driller 12222
Depth-Logger 12223
Bottom Logged Interval 12216
Top Logged Interval 1002
Type Fluid in Hole GEL-SODA ASH-CAUSTIC-SIZ
Salinity, PPM Cl 1600-2400-3200
Density Lb/Gal 9.1
Max. Rec. Temp. Deg. F 153
Operating Rig Time 13 HOURS
Recorded By R. RAY
Witnessed By MR. ANDERSON
BOREHOLE RECORD
Run No. ONE
Bit No. ONE
From 0 To 4479
Size 7 7/8
Type Bit RTC
Size Hole Drilled 7 7/8
Weight Mud 9.1
Viscosity 38
Fluid Loss 6.0
Source Sample PIT
Rm @ Meas. Temp. .37 @ 68
Rmf @ Meas. Temp. .32 @ 68
Rmc @ Meas. Temp. .82 @ 68
Rm @ BHT .19 @153 °F
Time Since Circ. 8 HOURS
Max. Rec. Temp. 153
Equip. No. & Loc. 2247 ARTESIA
Recorded By R. RAY
Witnessed By MR. ANDERSON
CASING RECORD
Size 8 5/8
Wgt. 24
Grade J-55
From 0
To 4479
Bit Size 7 7/8
Type Fluid in Hole GEL-SODA ASH-CAUSTIC-SIZ
Fluid Loss cc
Density Lb/Gal 9.1
Viscosity 38
Source of Sample PIT
Rm @ Meas. Temp. .37 @ 68
Rmf @ Meas. Temp. .32 @ 68
Rmc @ Meas. Temp. .82 @ 68
Rm @ BHT .19 @153 °F
Time Since Circ. 8 HOURS
Max. Rec. Temp. 153
Equip. No. & Loc. 2247 ARTESIA
Recorded By R. RAY
Witnessed By MR. ANDERSON
REMARKS
RUN ONE
CALIBRATION, Records Filed
Type Log, Depths of Additional Samples
Time, Density or Gradient Samples
Other Services
Type Log
Depth - Driller
Depth - Schlum.
Btm. Log Interval
Top Log Interval
Casing - Driller
Casing - Schlum.
Bit Size
Type Fluid in Hole
Fluid Loss
Source of Sample
Rm @ Meas. Temp.
Rmf @ Meas. Temp.
Rmc @ Meas. Temp.
Source of Rmf & Rmc
Rm @ BHT
Time Since Circ.
Max. Rec. Temp.
Equip. No. & Loc.
Recorded By
Witnessed By
NEUTRON
FROM 100 TO 4300
SCALE 5" = 100' LEFT OF THIS LINE
FROM 4300 TO 12216
SCALE 2" = 100' LEFT OF THIS LINE
FROM TO
SCALE 2" = 100' LEFT OF THIS LINE
LATEROLOG
RESISTIVITY IN Ohm-m
DEPTHS
GAMMA RAY
FROM 100 TO 4300
SCALE 5" = 100' LEFT OF THIS LINE
FROM 4300 TO 12216
SCALE 2" = 100' LEFT OF THIS LINE
FROM TO
SCALE 2" = 100' LEFT OF THIS LINE
SPONTANEOUS-POTENTIAL
MILLIVOLTS
Baseline Shift
0800
0900
1000
1100
1200
1300
1400
0700
0600
0500
0400
0300

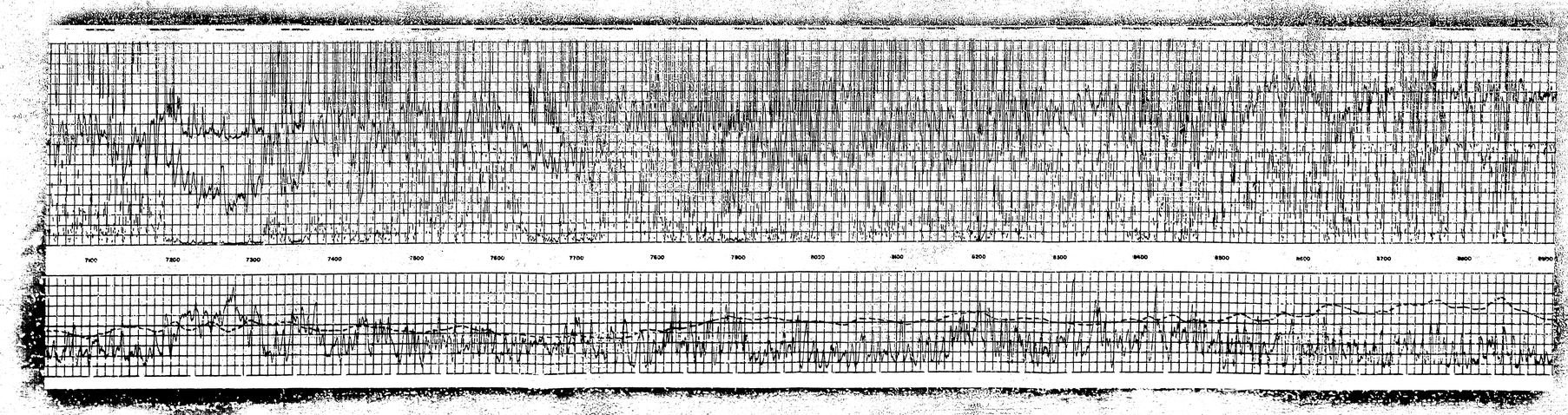

0900
1000
100
200
300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600



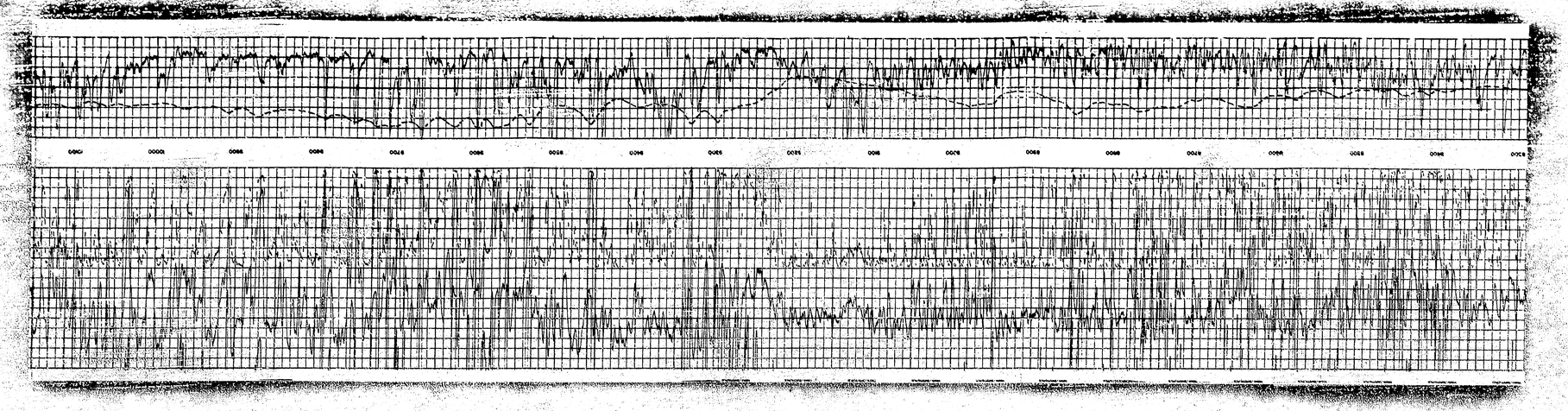


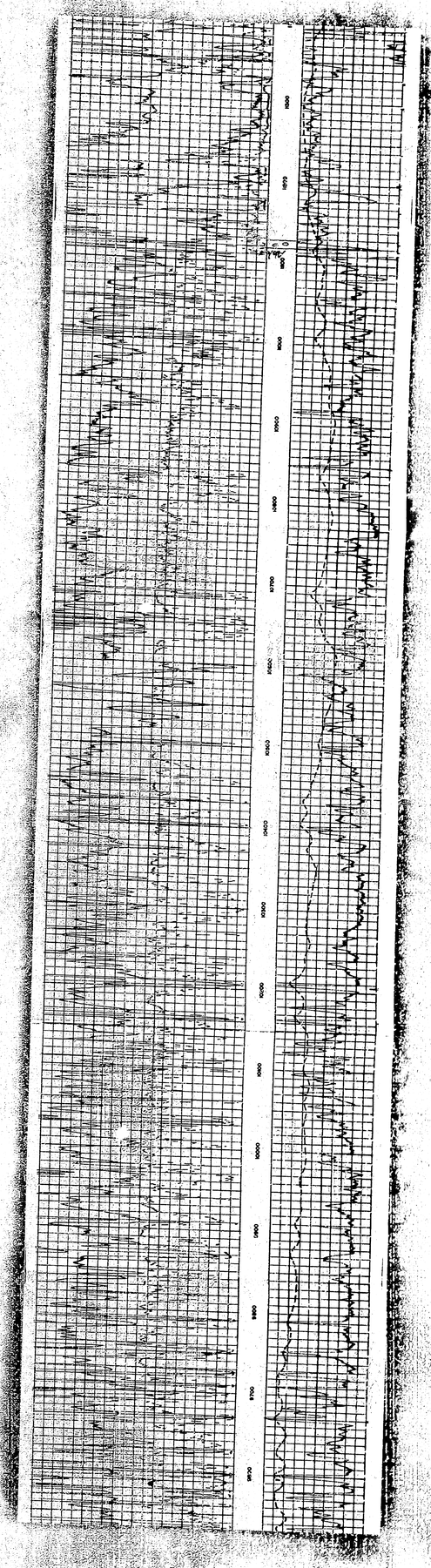


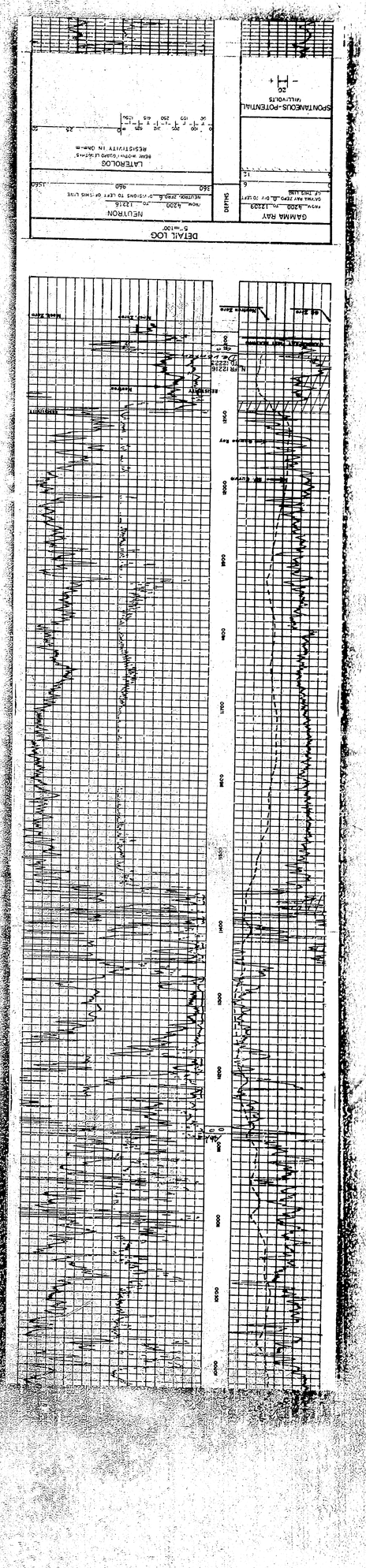

V.T.A.C.F. RICOGLIANO

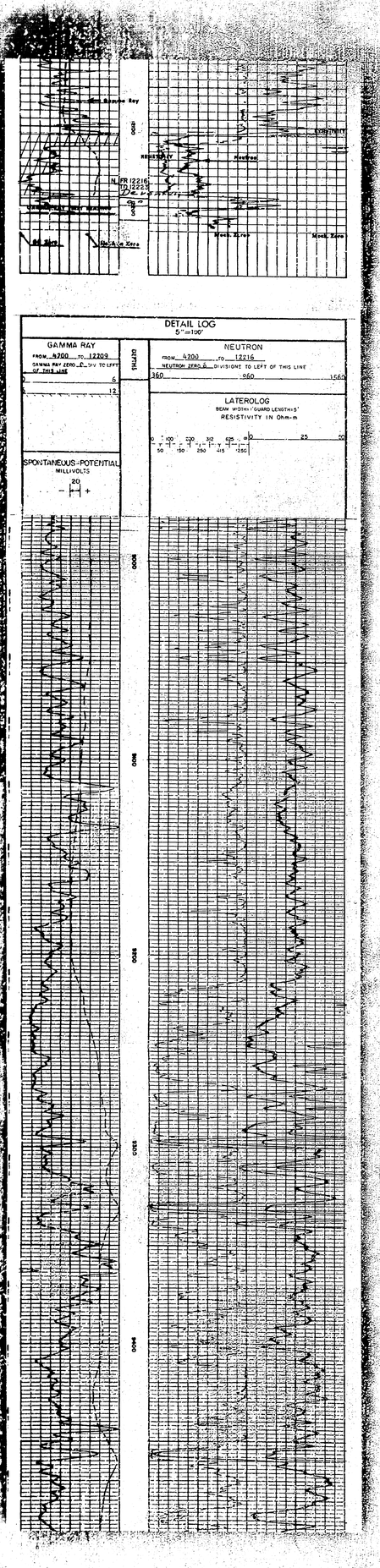

7400
7200
7300
7400
7500
7600
7700
7800
7900
8000
8100
8200
8300
8400
8500
8600
8700
8800
8900

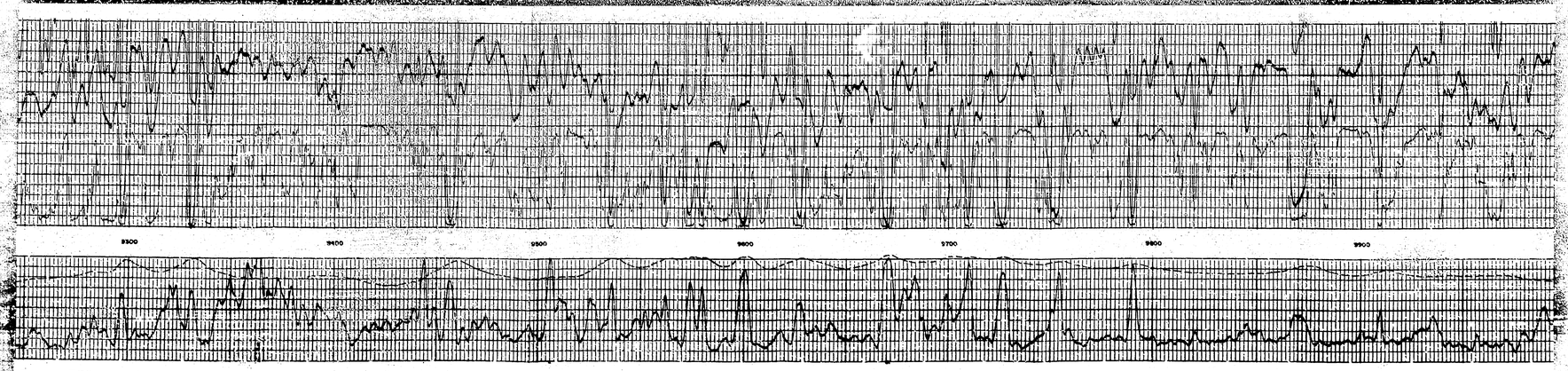




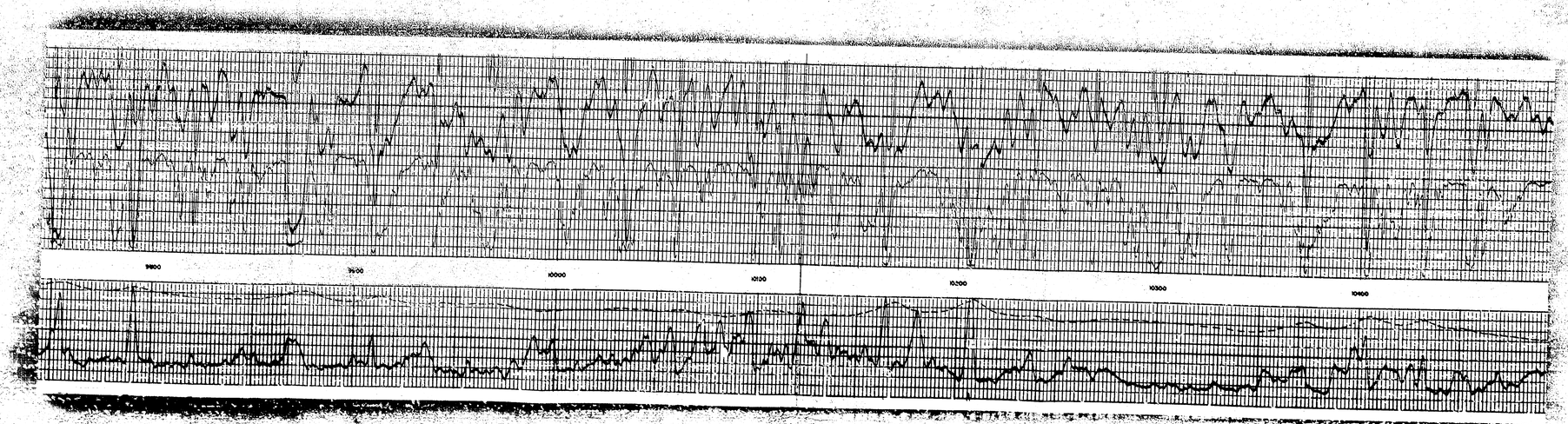


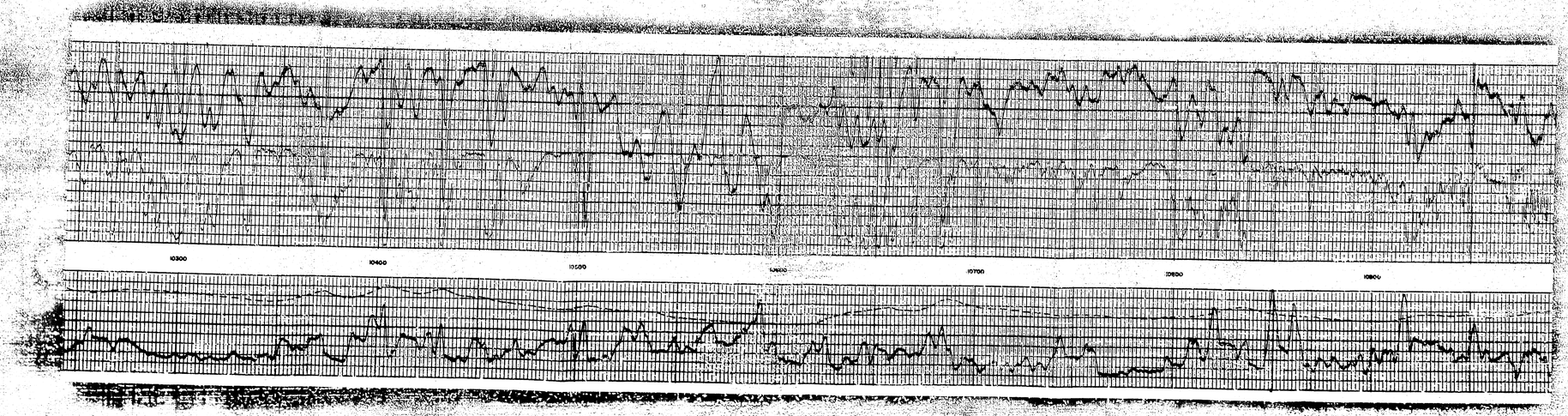

DETAIL LOG
5"=100'
GAMMA RAY
NEUTRON
SHADE
LATEROLOG
SPONTANEOUS-POTENTIAL
millivolts
RESISTIVITY IN Ohm-m


DETAIL LOG
5"=100'
GAMMA RAY
FROM 4700 TO 12209
GAMMA RAY ZERO 0 DIV. TO LEFT OF THIS LINE
0
6
12
NEUTRON
FROM 4700 TO 12216
NEUTRON ZERO 0 DIVISIONS TO LEFT OF THIS LINE
360
960
1560
LATEROLOG
BEAM WIDTH 'GUARD LENGTHS'
RESISTIVITY IN Ohm-m
0
100
320
312
625
10
25
50
50
150
250
415
1250
SPONTANEOUS-POTENTIAL
MILLIVOLTS
20
-
+
DEPTH
4000
4100
4200
4300
4400

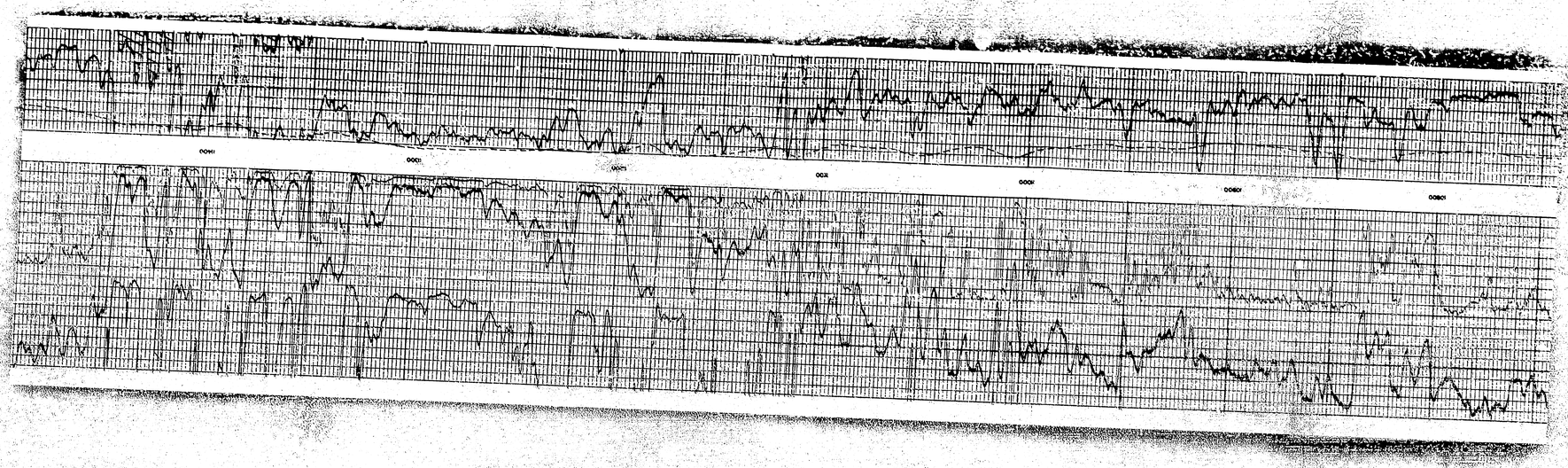


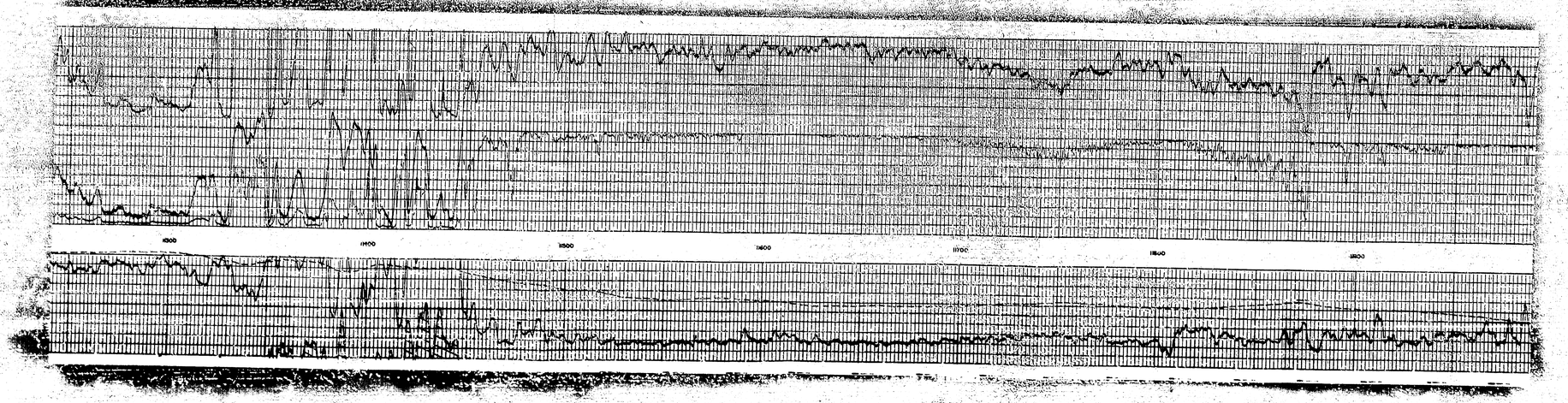
V.N.R.C.P. MICROGRAPHICS

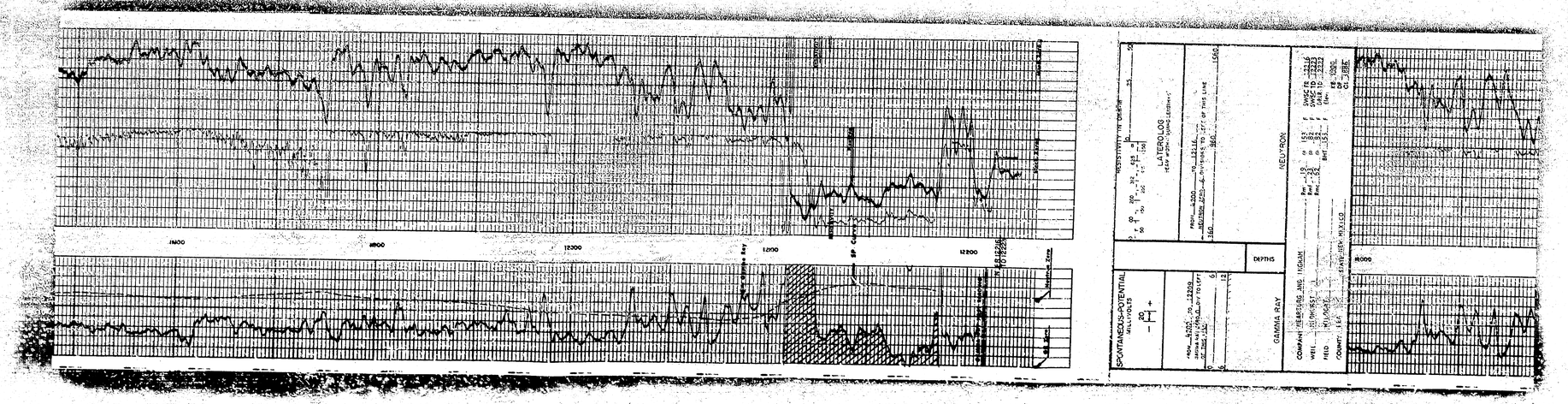

9900
9950
10000
10100
10200
10300
10400

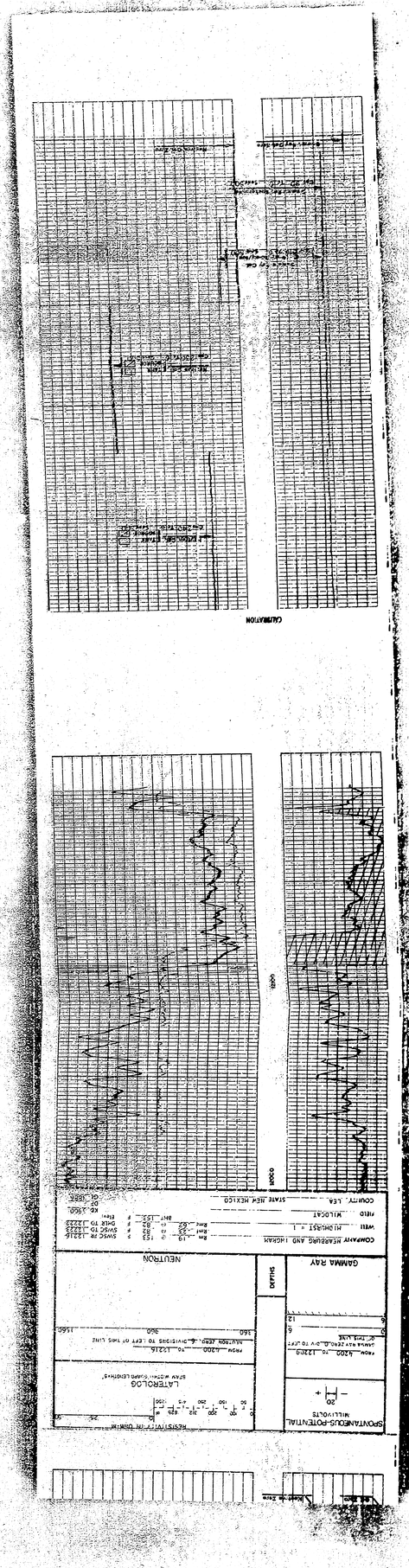

10300
10400
10500
10600
10700
10800
10900






1300
1400
1500
1600
1700
1800
1900


SPONTANEOUS-POTENTIAL
MILLIVOLTS
RESISTIVITY IN OHMS
LATEROLOG
GAMMA RAY
NEUTRON
DEPTHS
COMPANY HUMBLE OIL & REFINING CO.
WELL HUMBLE-STATE
FIELD WILDCAT
COUNTY LEA
STATE NEW MEXICO
12400
12300
12200
12100
12200
8000


COMPANY MEMORIAL AND HIGHWAY
WELL PILGRIM ST. 1
FIELD MILDCAT
COUNTY LEA STATE NEW MEXICO
GAMMA RAY
NEUTRON
DEPTHS
SPONTANEOUS-POTENTIAL
MILLIVOLTS
LATEROLOG
RESISTIVITY IN OHM-M