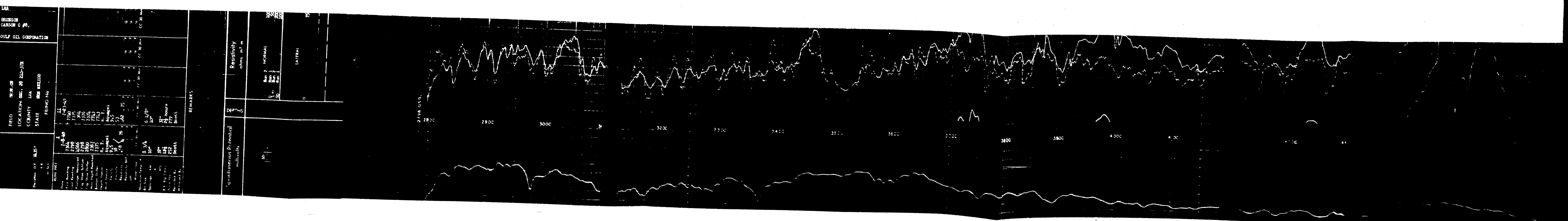
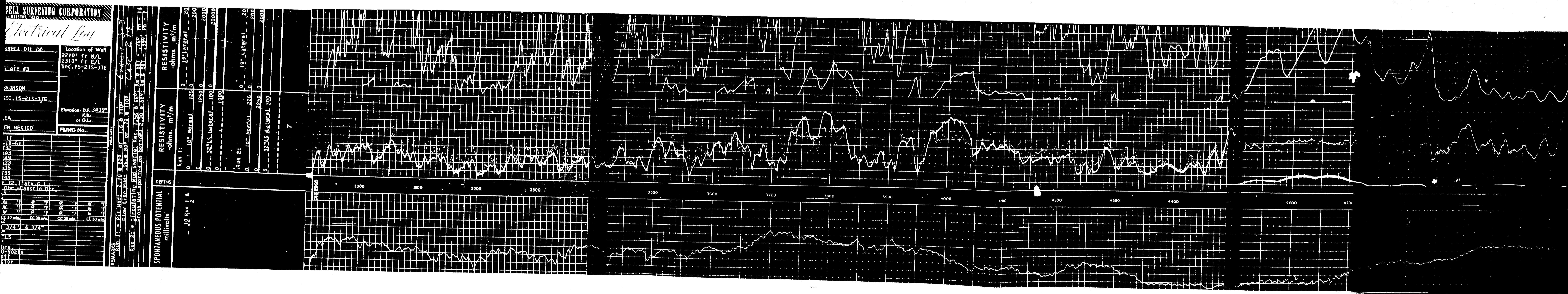
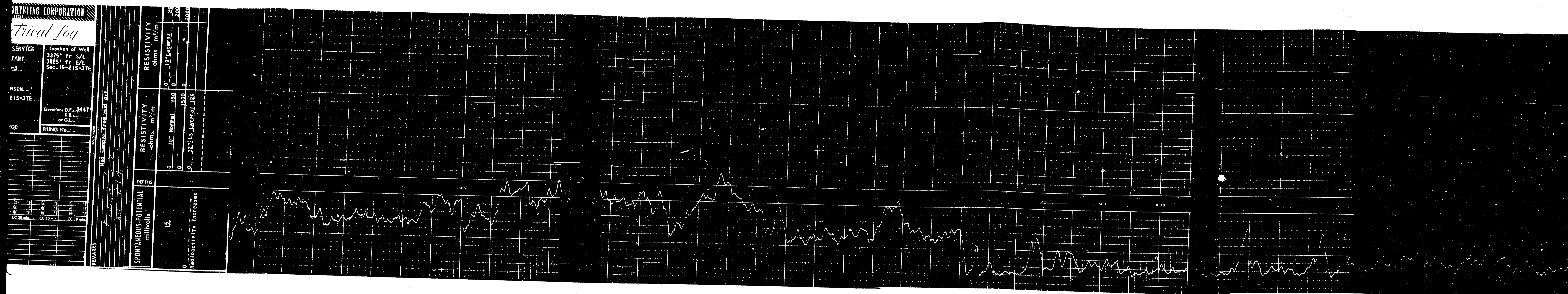
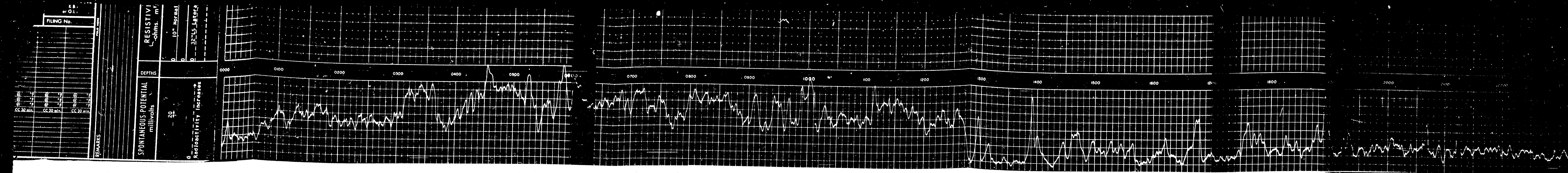


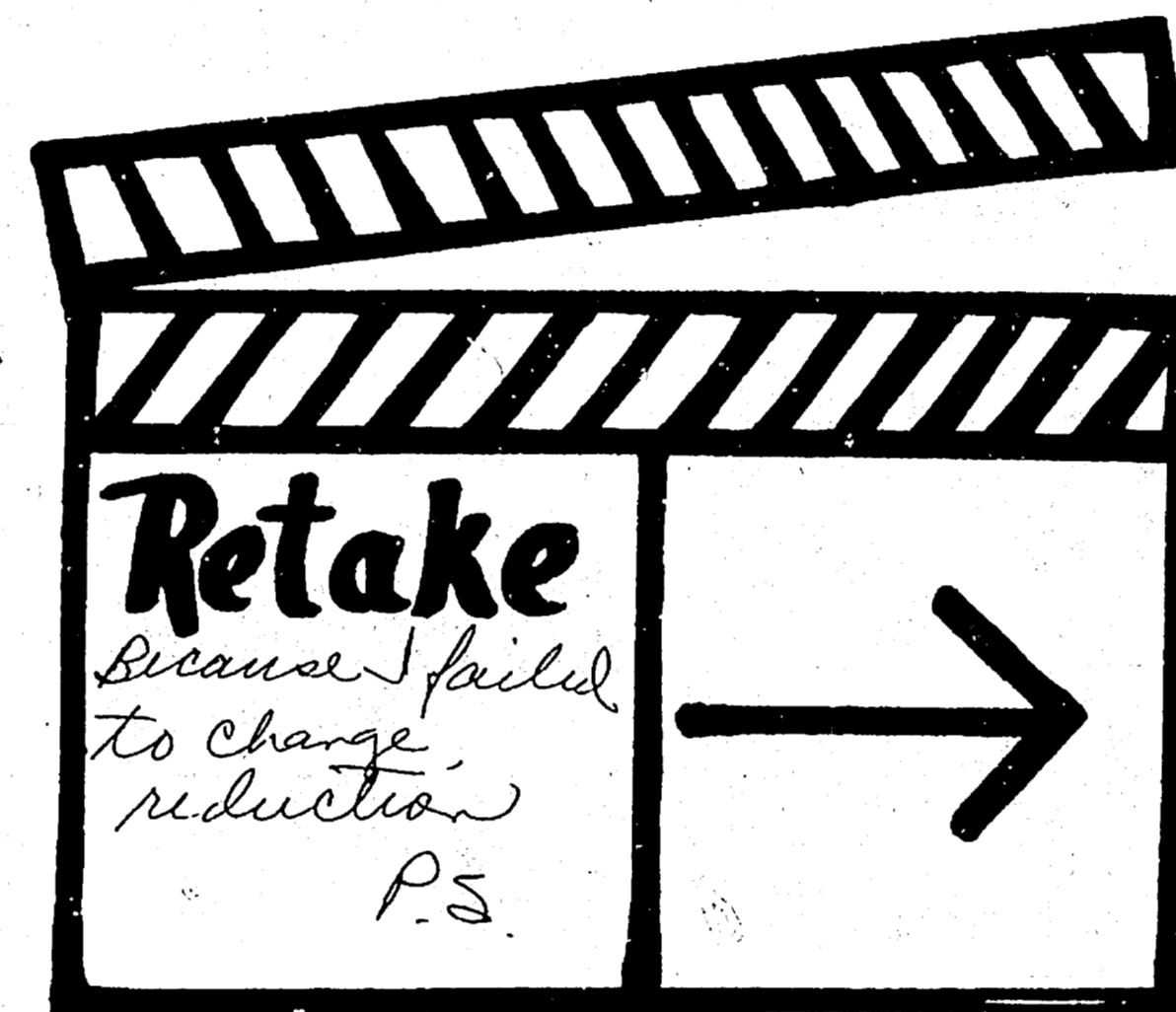
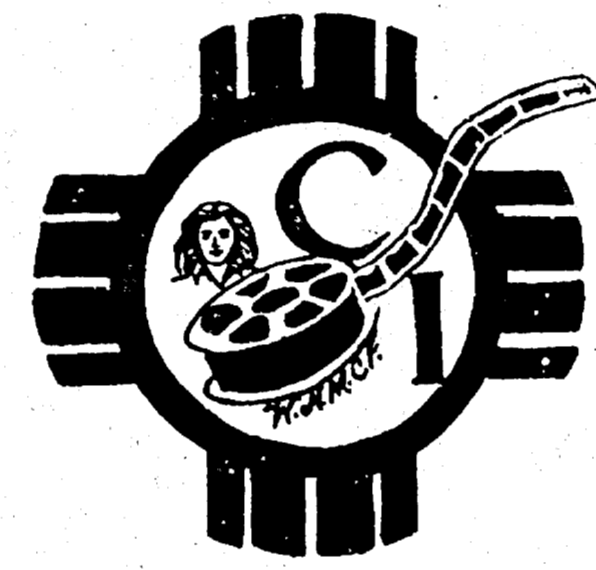
Case No.

274

Large Exhibits

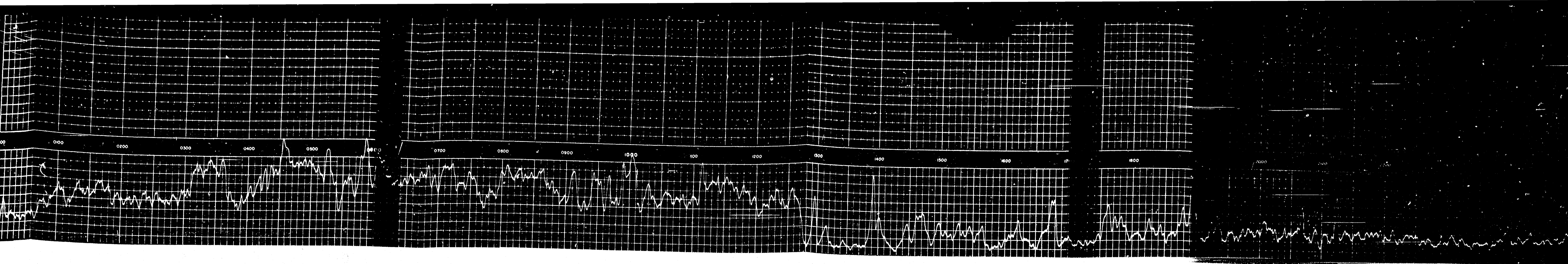


THE PRECEDING DOCUMENTS WERE REFILMED DUE TO:
A MALFUNCTION IN FILMING



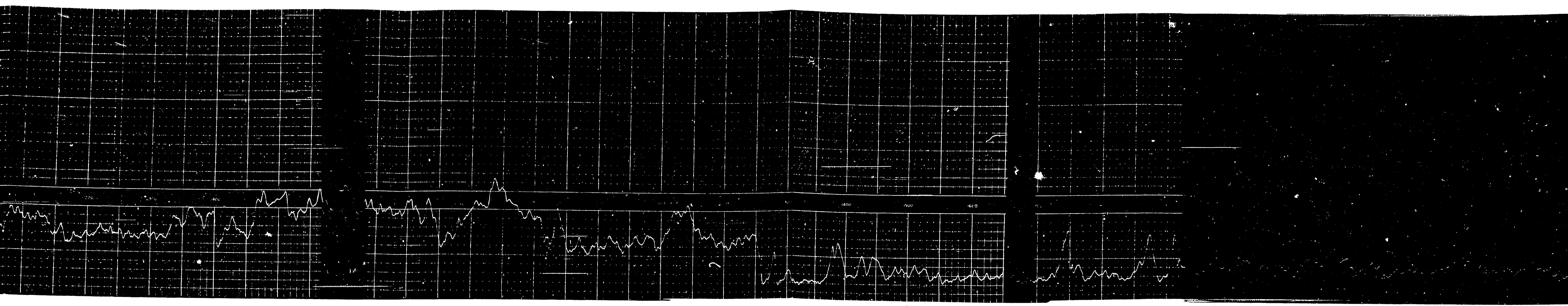
WELL STATE 5-34
 FIELD BRUNSON
 LOCATION SEC. 15-215-37E
 COUNTY LEA
 STATE NEW MEXICO
 Elevation of Well 3443
 or O.L.
 FILING No.

RESISTIVITY
 Ohm. m/m
 10' Normal 150
 10' Normal 150
 32' 15' Natural 100
 32' 15' Natural 100



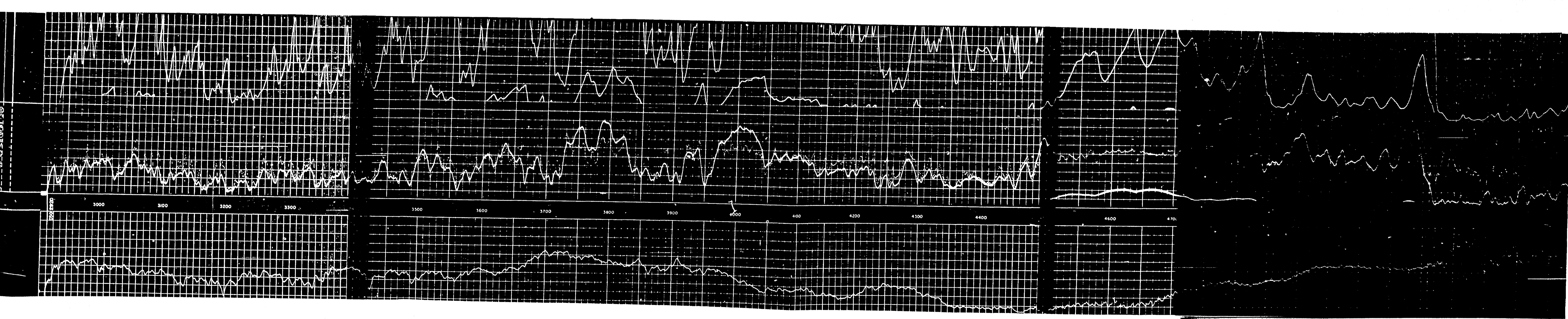
Schlumberger Well Logging Corporation
 Electrical Log
 COMPANY SHELL OIL CO. Location of Well
 OIL COMPANY 3375' Fr S/L
 WELL STATE 5-37 LOCATION SEC. 15-215-37E
 COUNTY LEA
 STATE NEW MEXICO
 Elevation of Well 3443
 or O.L.
 FILING No.

RESISTIVITY
 Ohm. m/m
 10' Normal 150
 10' Normal 150
 32' 15' Natural 100
 32' 15' Natural 100



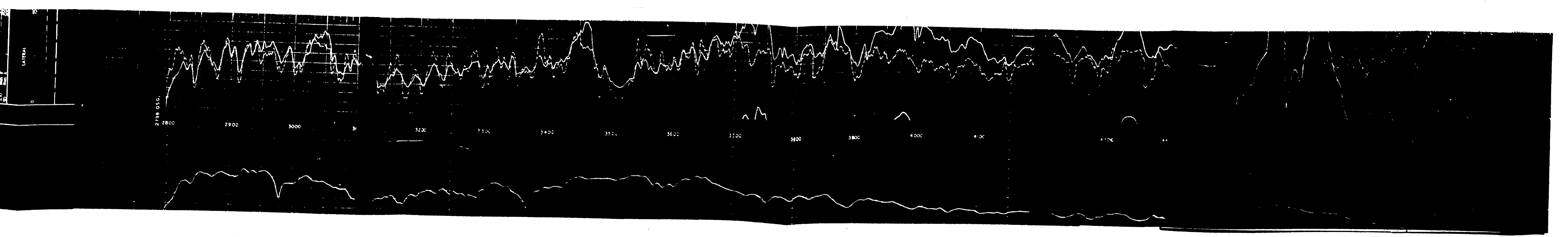
Schlumberger Well Logging Corporation
 Electrical Log
 COMPANY SHELL OIL CO. Location of Well
 OIL COMPANY 2210' Fr W/L
 WELL STATE A-3 LOCATION SEC. 15-215-37E
 COUNTY LEA
 STATE NEW MEXICO
 Elevation of Well 3433
 or O.L.
 FILING No.

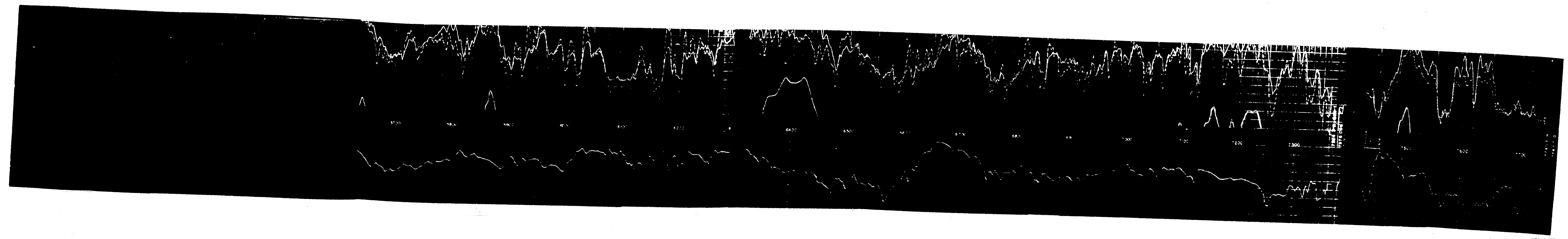
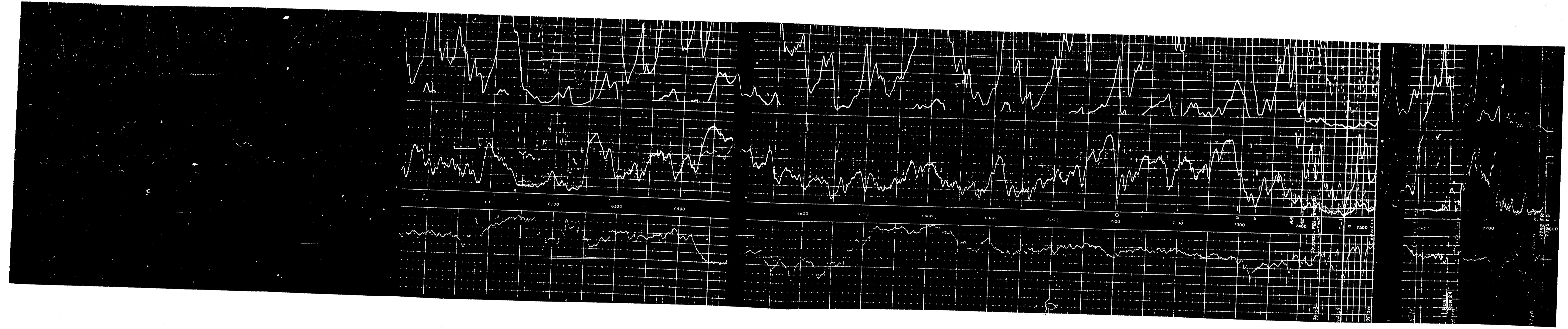
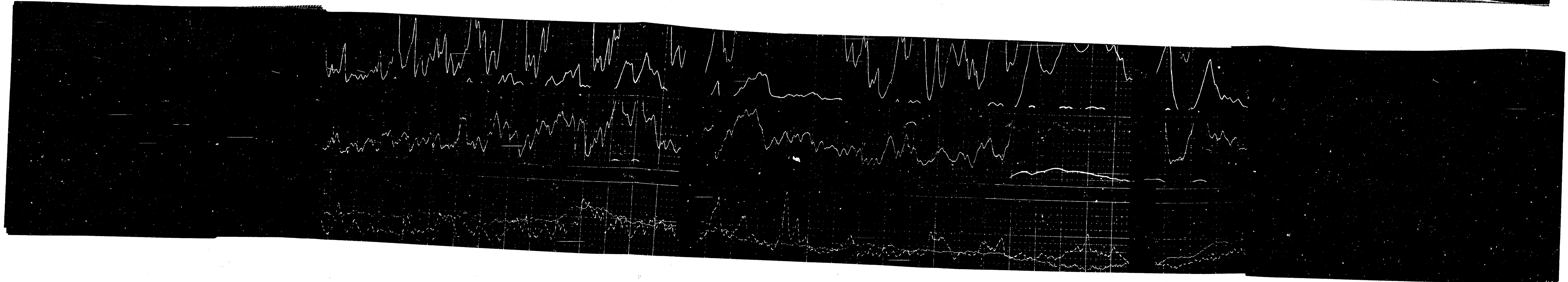
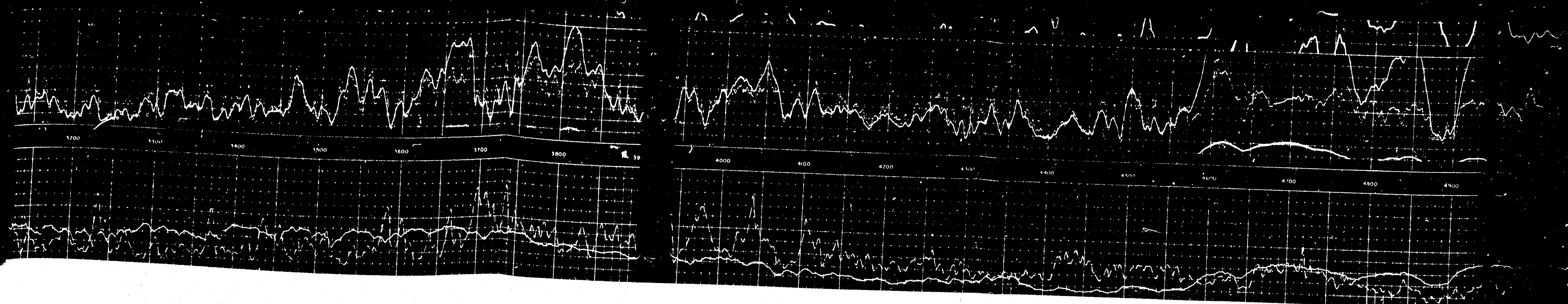
RESISTIVITY
 Ohm. m/m
 10' Normal 150
 10' Normal 150
 32' 15' Natural 100
 32' 15' Natural 100

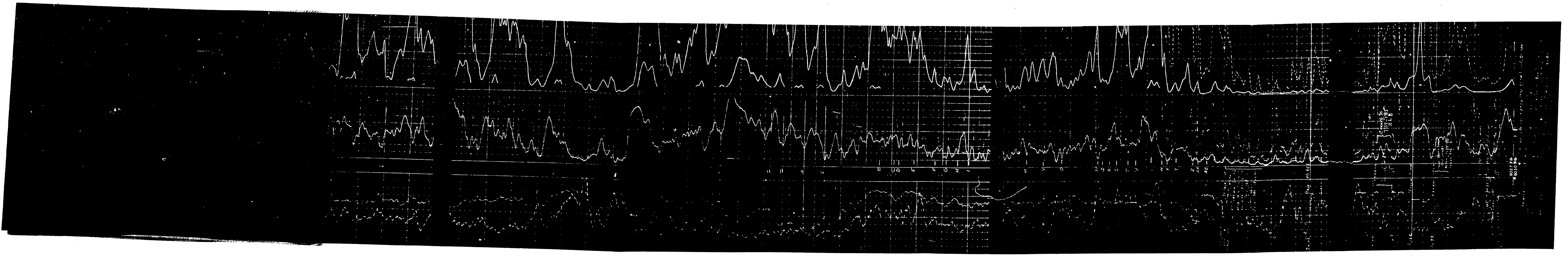
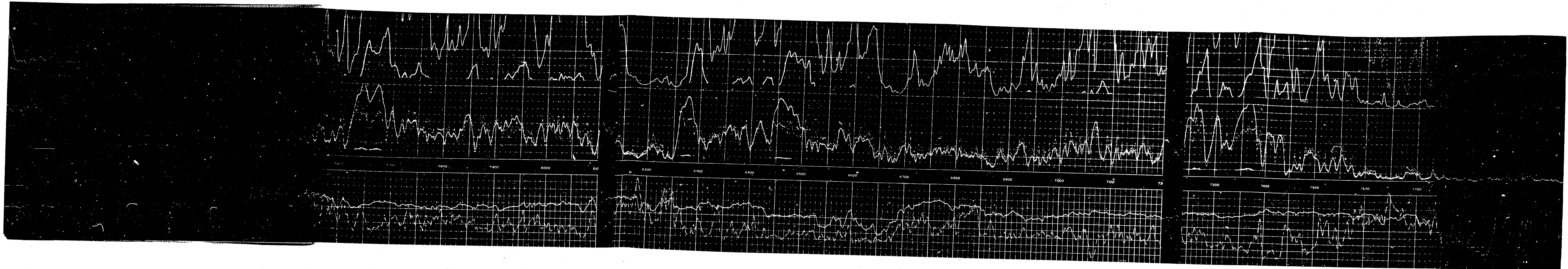


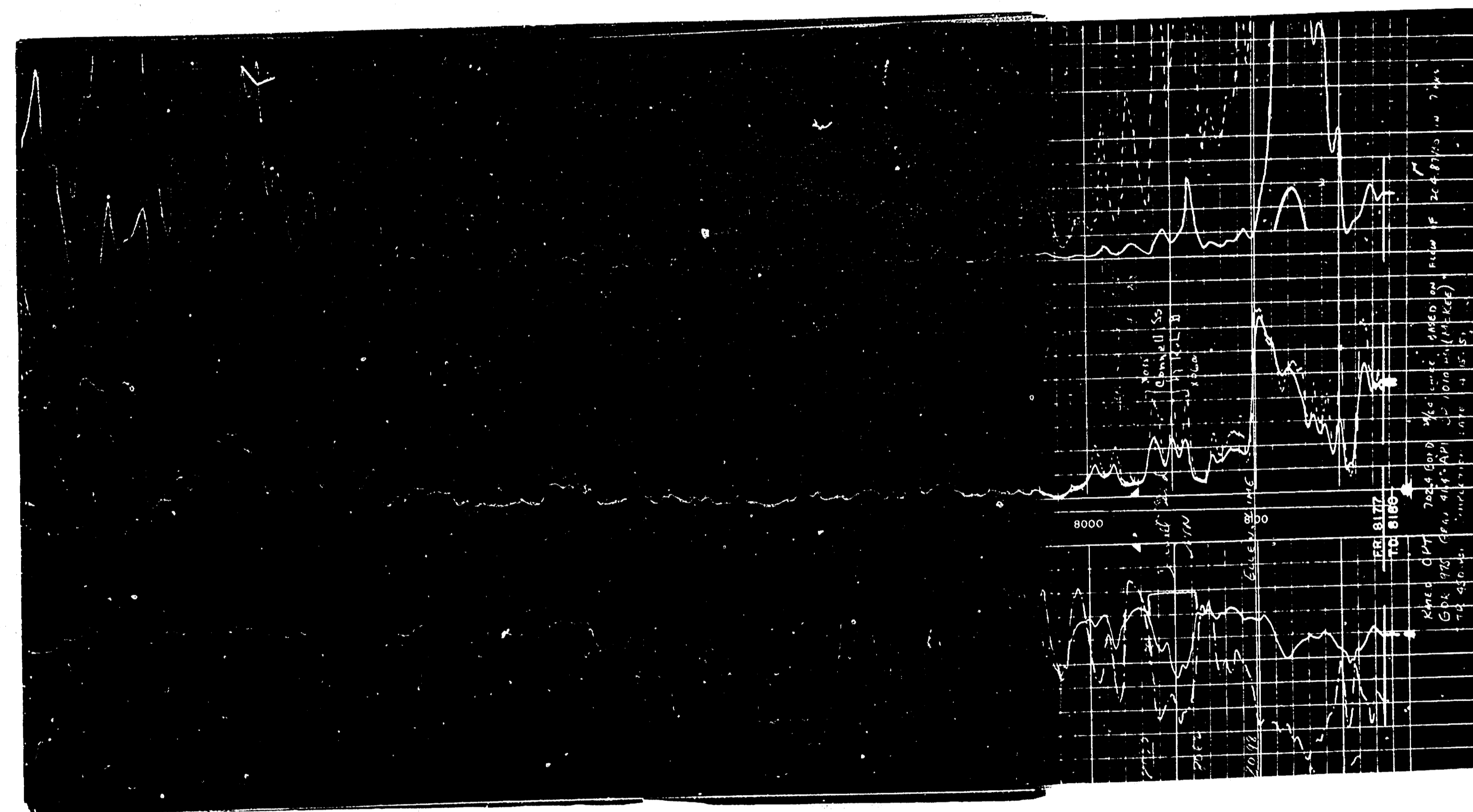
Schlumberger Well Logging Corporation
 Electrical Log
 COMPANY SHELL OIL COMPANY
 OIL COMPANY 2210' Fr W/L
 WELL STATE A-3 LOCATION SEC. 15-215-37E
 COUNTY LEA
 STATE NEW MEXICO
 Elevation of Well 3433
 or O.L.
 FILING No.

RESISTIVITY
 Ohm. m/m
 10' Normal 150
 10' Normal 150
 32' 15' Natural 100
 32' 15' Natural 100









Ex # 6 Case 274 CS

TWO ZONE PRODUCTION METHOD USING A BAKER MODEL "D" RETAINER PRODUCTION PACKER A TUBING SEAL NIPPLE LOCATOR SUB WITH EXTENSION AND ONE MULTI-V TUBING SEAL NIPPLE.

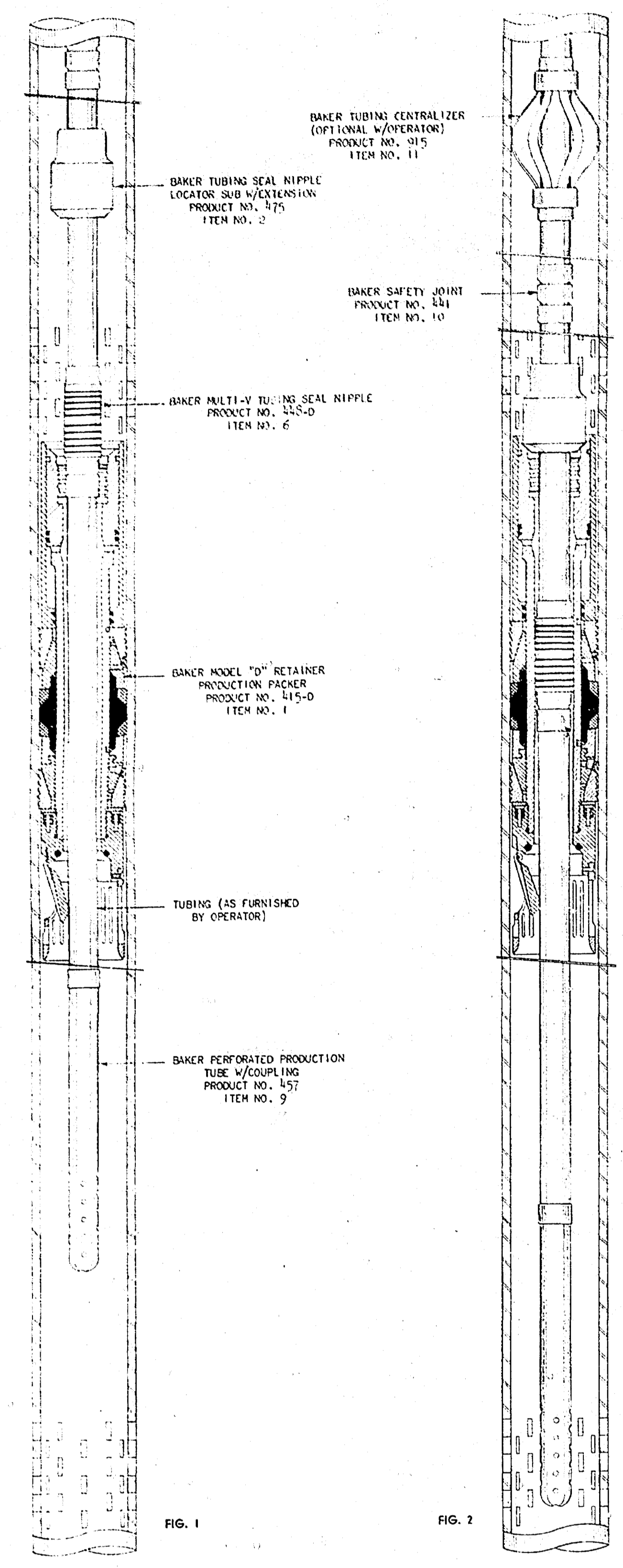
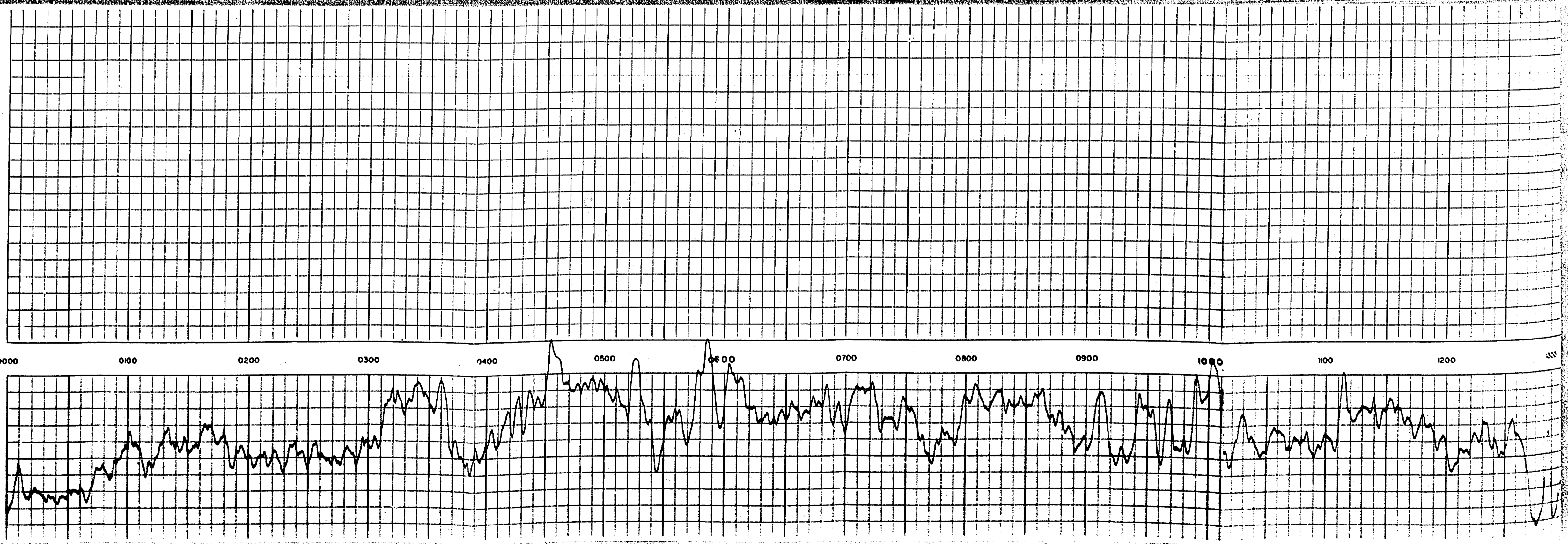


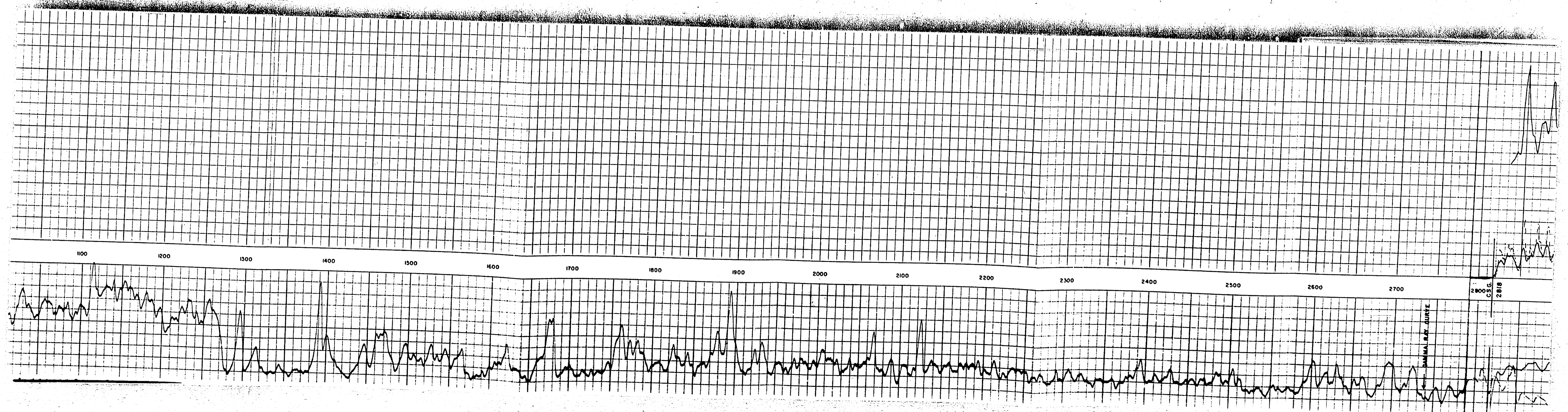
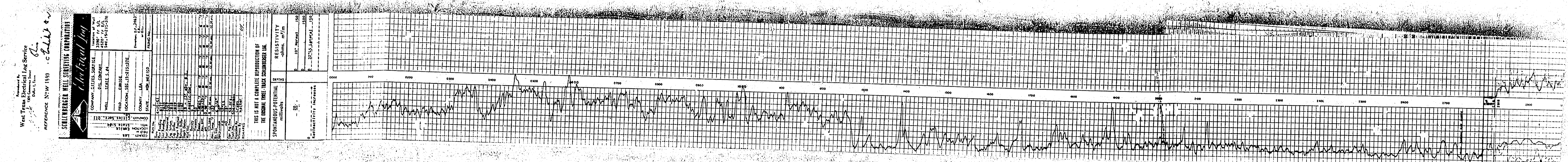
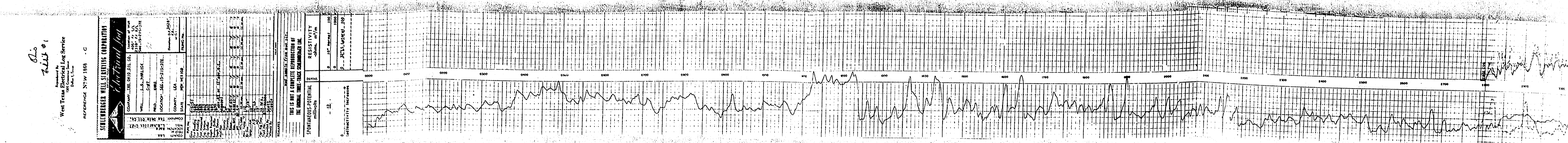
FIG. 1
FIG. 2

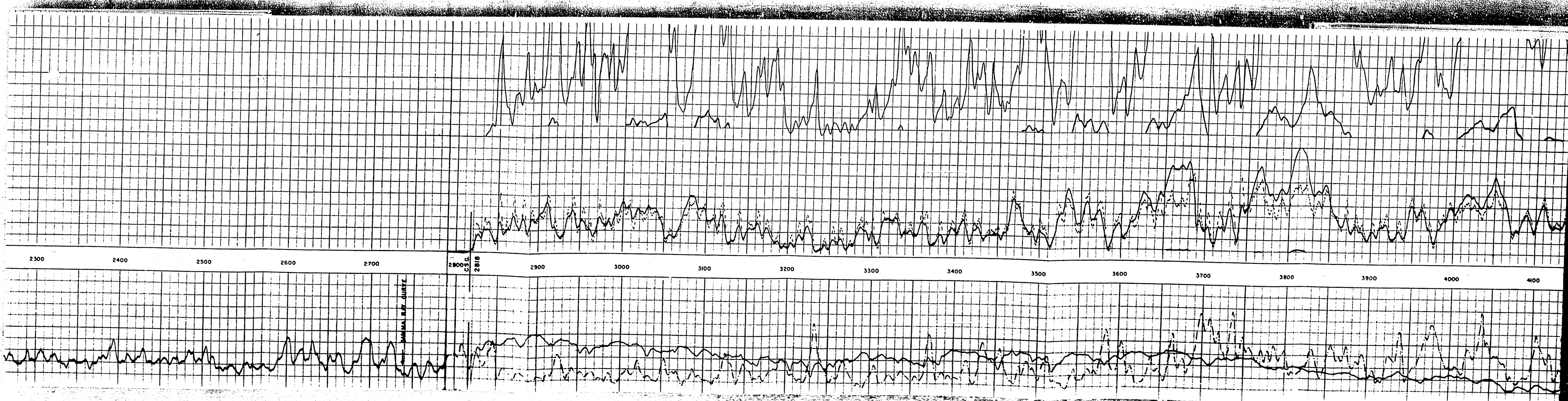
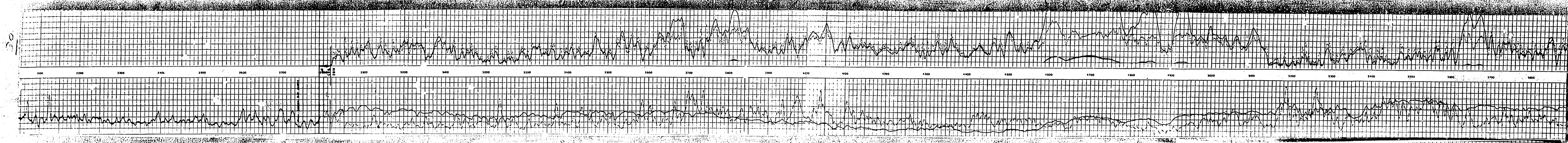
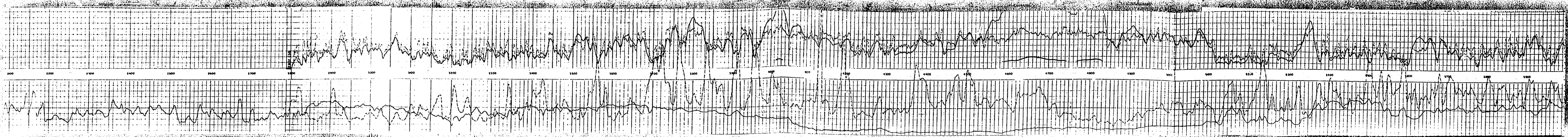
SCHLUMBERGER WELL SURVEYING CORPORATION <i>Electrical Log</i>	
COUNTY LEA FIELD or LOCATION SECTION S #4 WELL STATE S #4 COUNTY LEA STATE NEW MEXICO	COMPANY CITIES SERVICE OIL COMPANY WELL STATE S #4 FIELD EUNICE LOCATION SEC. 15-21S-37E COUNTY LEA STATE NEW MEXICO
RUN No. 1 Date 4-15-51 Well Reading 2820 Feet Measured 2820 Ctg. Schum. 2818 Ctg. Driller 2819 Depth Reached 2819 Bottom Driller 2819 Depth Bottom 2819 Mud No. 10-13 A.D.Y. S.L. Mud Viscosity 20 Mud Density 7.65 Mud Sp. Gr. 1.05 Mud pH 8.3 Mud Temp. 95 Mud Sols. 1/4" Mud Sols. A.D. 12" Mud Sols. L.L. 12" Mud Sols. M.S. 54" Mud Sols. S.O. 504-1000 Mud Sols. S. 1000	Location of Well 3390' fr S/L 4520' fr E/L Sec. 15-21S-37E Elevation D.R. 3463' E.L. or G.L.

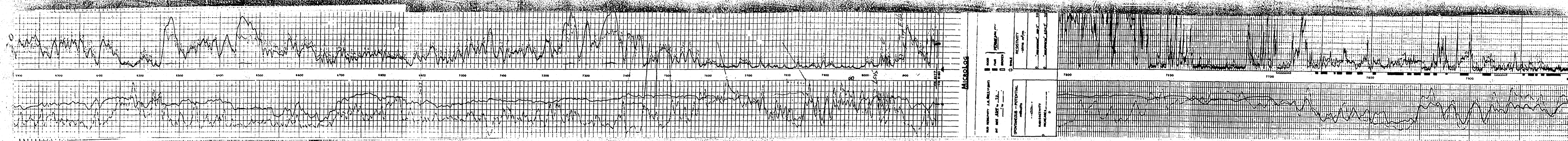
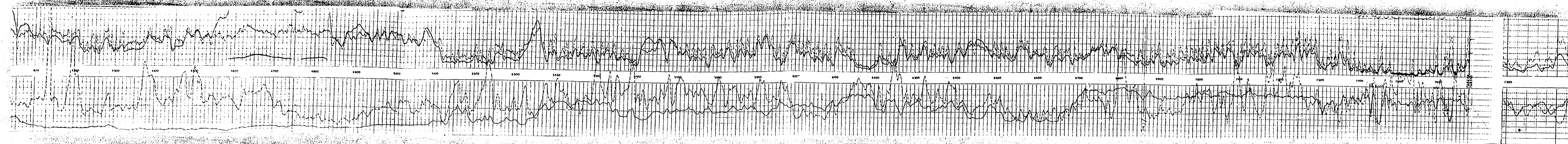
RESISTIVITY -ohms. m/m	0 1000 2000 4000
RESISTIVITY -ohms. m/m	0 1000 2000 4000
DEPTHS	0000 000 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200
SPONTANEOUS-POTENTIAL millivolts	0 -50 -100 -150 -200 -250 -300 -350 -400 -450 -500 -550 -600 -650 -700 -750 -800 -850 -900 -950 -1000

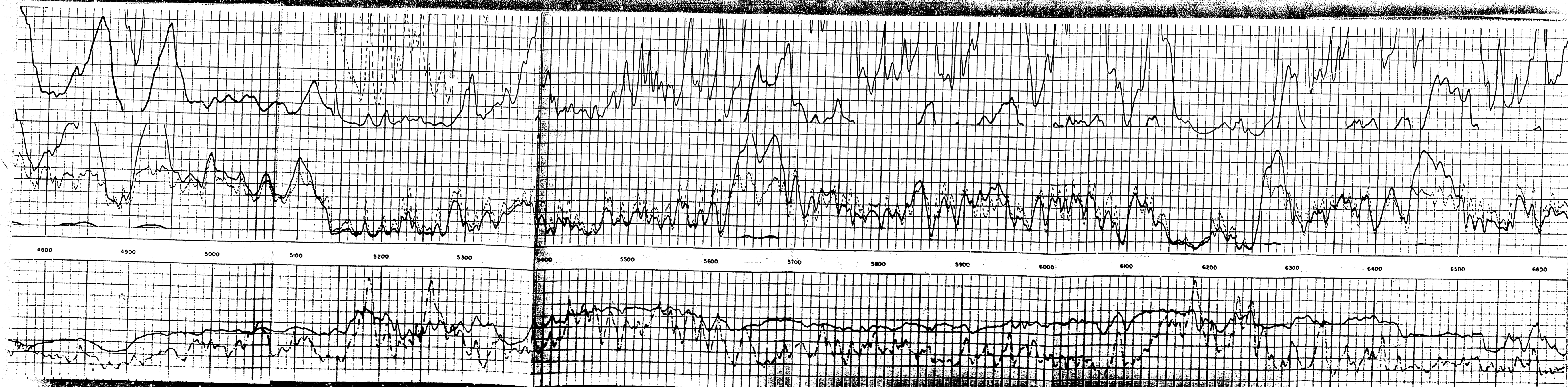
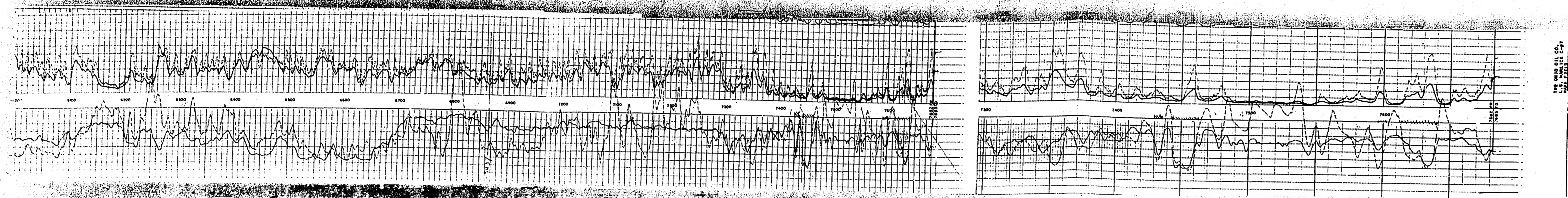


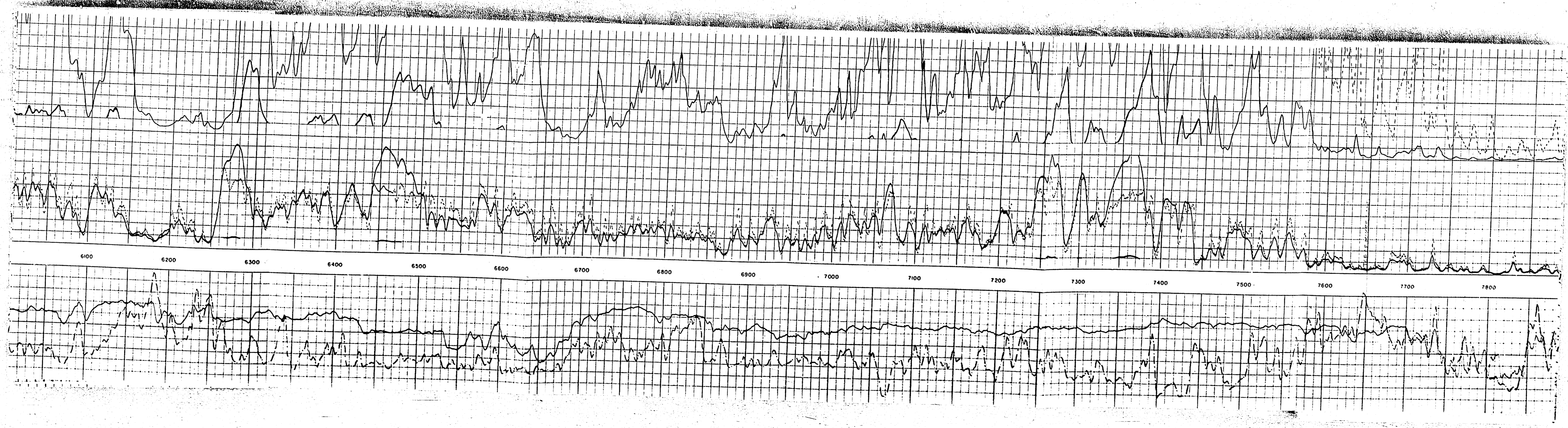
REMARKS

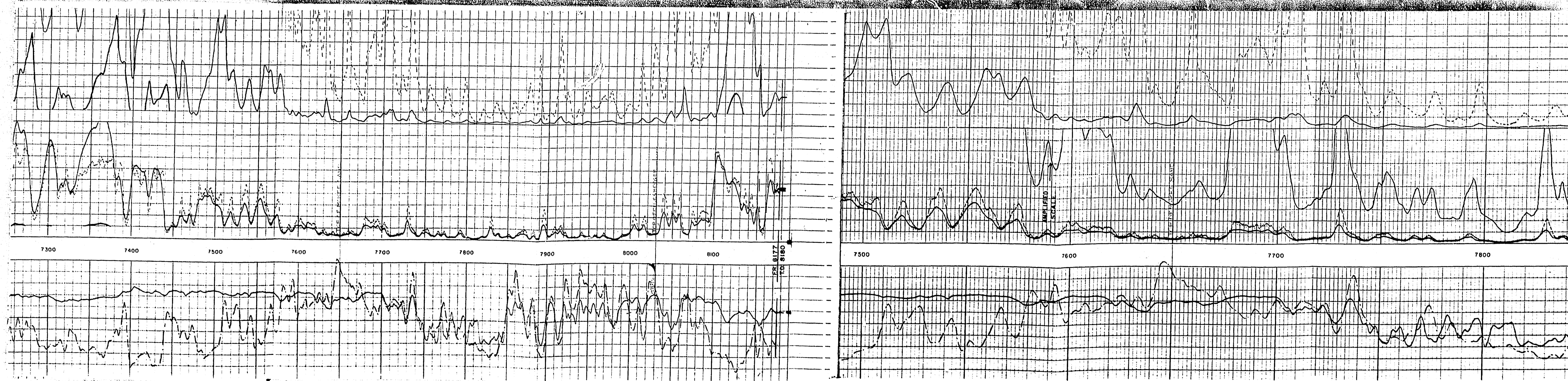




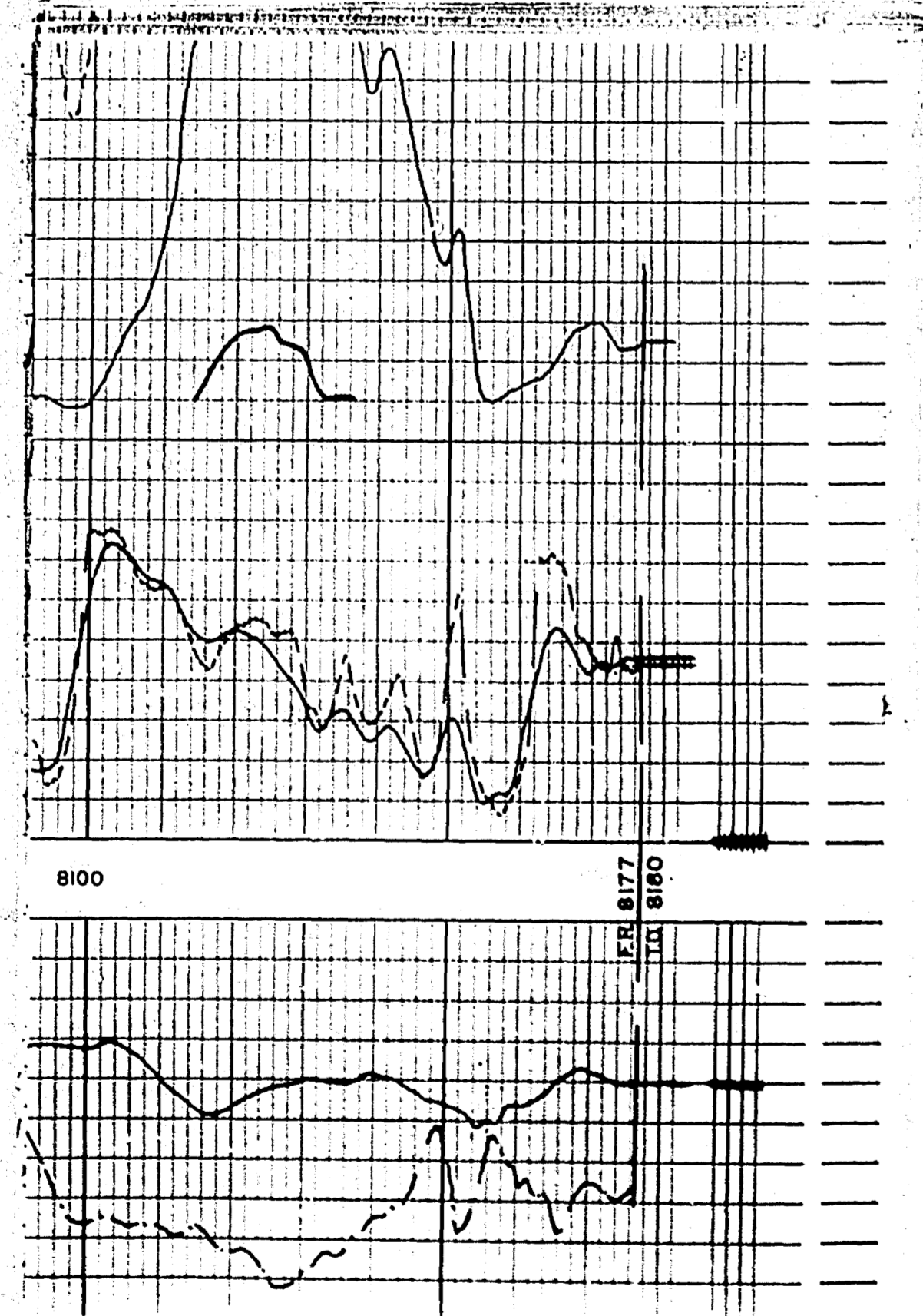








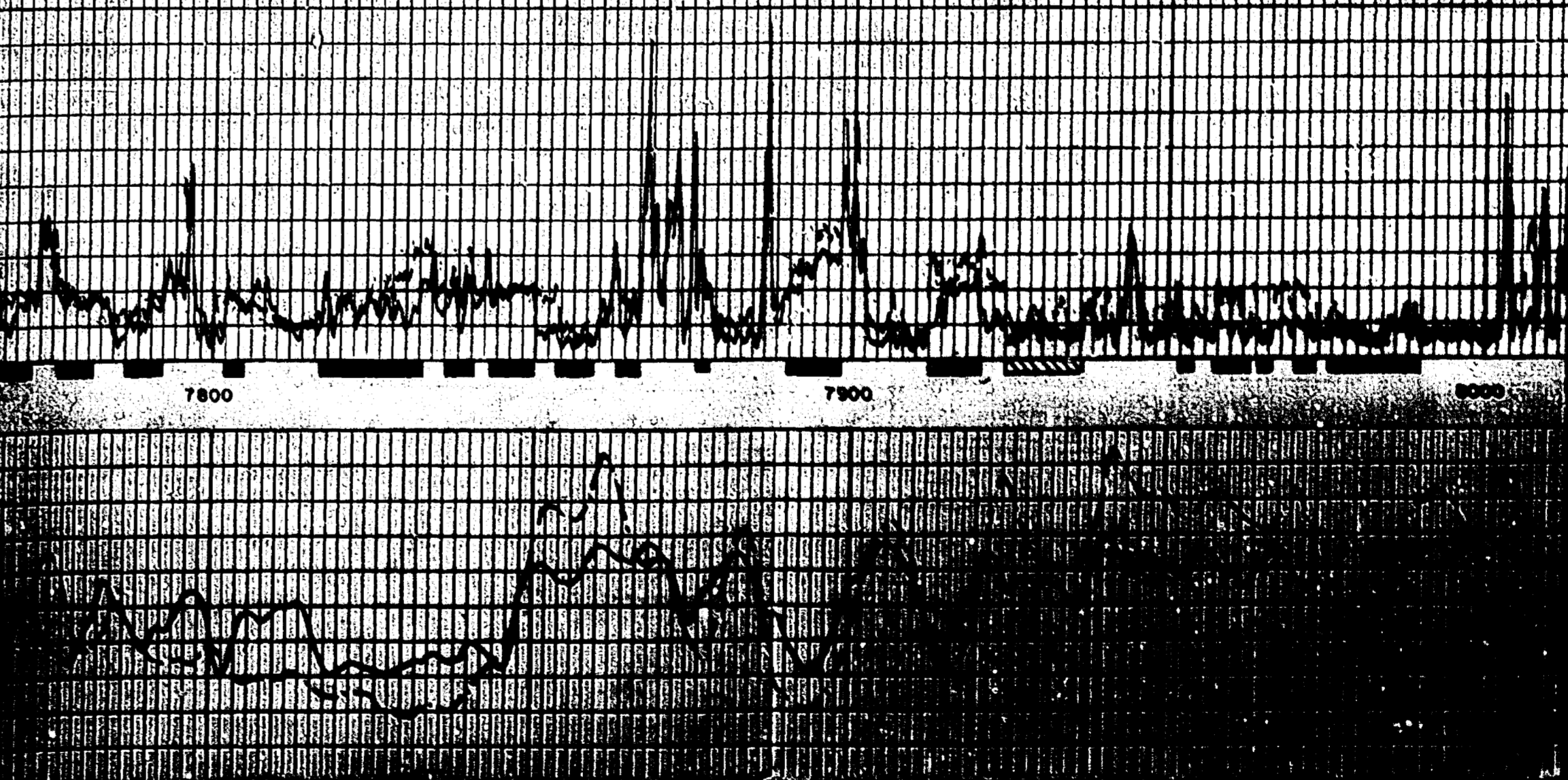
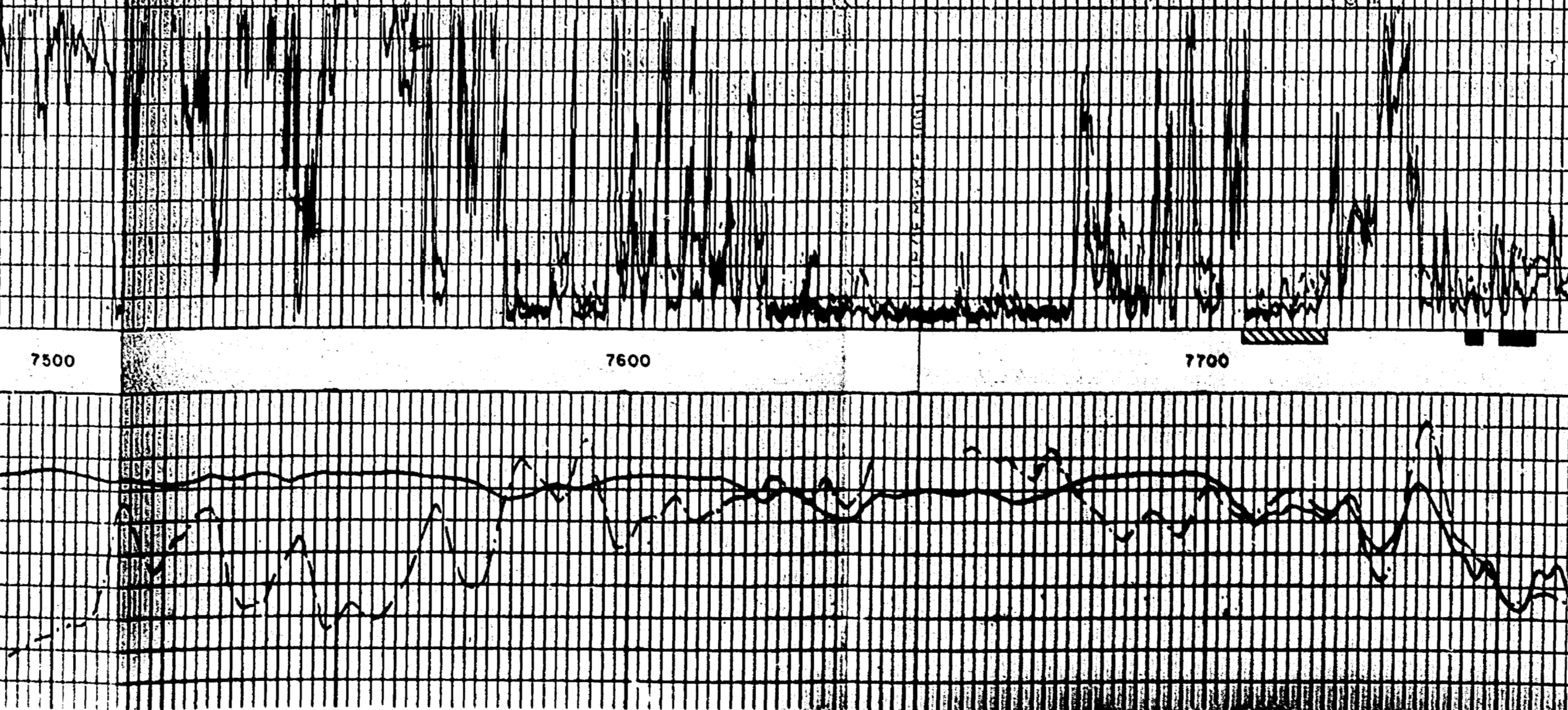




MICROLOG

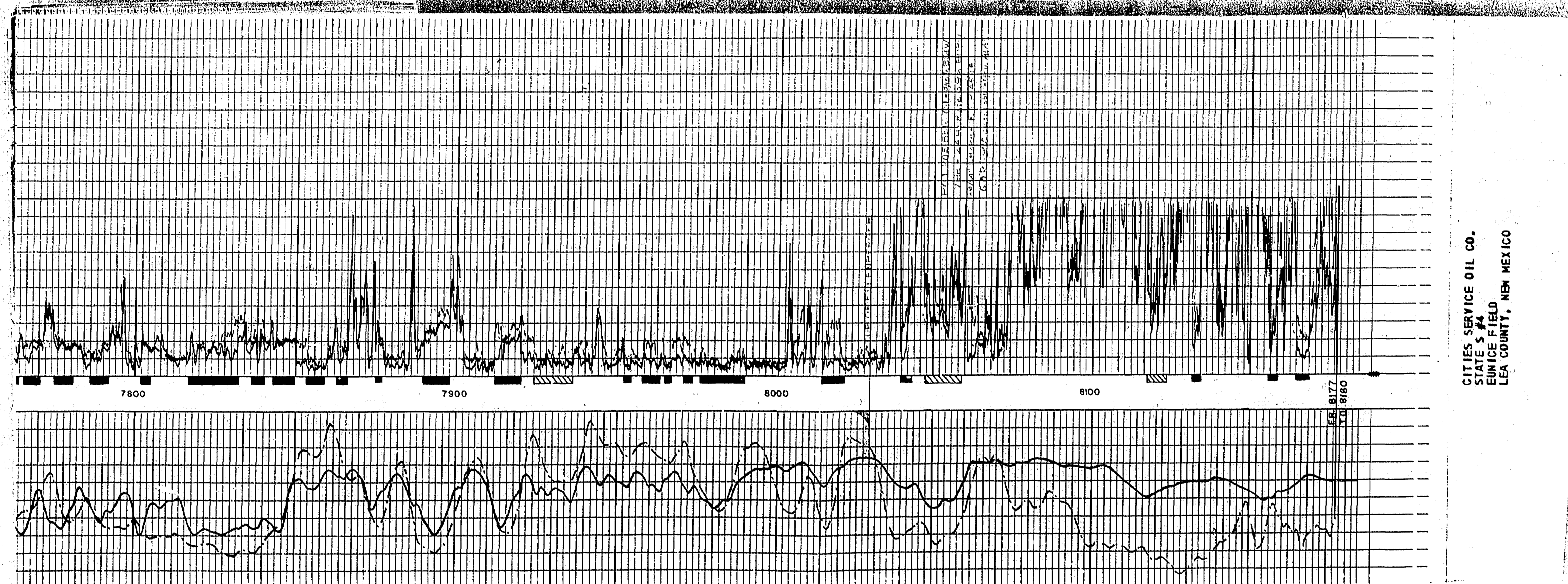
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MUD RESISTIVITY I.A. (OHM-CM)
 BY REC. 50% IN 150...
 PERMEABILITY
 SHALE
 RESISTIVITY
 -ohms m²/m
 INCREASED... MEAS... 20
 INCREASED... ADJ. 5... 20



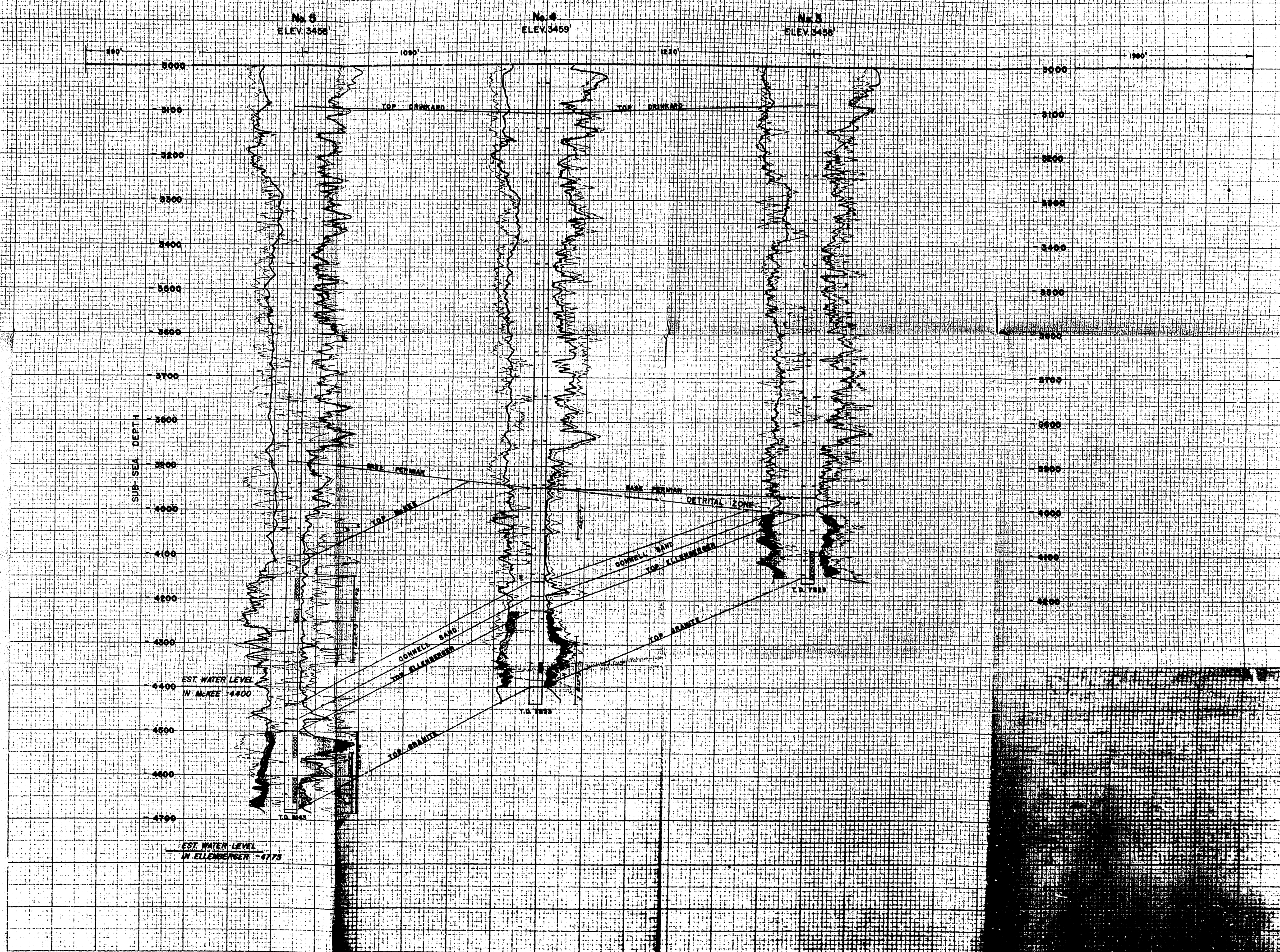
SPONTANEOUS - POTENTIAL
 millivolts
 -100mV
 RADIOACTIVITY
 INCREASES
 D

100%
 200%
 300%
 400%
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 900%
 1000%
 1100%
 1200%
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TIDE WATER ASSOCIATED OIL COMPANY
WEST-EAST CROSS SECTION

STATE 'S' LEASE - LEA CO. NEW MEXICO
N 1/2 OF N 1/2 OF SECTION 10 - T. 21 S - R. 37 E
SCALE: HORIZONTAL 1" = 200' VERTICAL 1" = 100'



<p>R 37E</p> <p>31</p> <p>1-PHILLIPS FORT #1 2-ATLANTIC FEDERAL JONES #1 3-LOWE DICKINSON #1 4-MAGNOLIA POPE #1</p>	<p>R 38E</p> <p>31</p> <p>1-PHILLIPS FORT #1 2-ATLANTIC FEDERAL JONES #1 3-LOWE DICKINSON #1 4-MAGNOLIA POPE #1</p>	<p>T 14 S</p> <p>31</p> <p>1-PHILLIPS FORT #1 2-ATLANTIC FEDERAL JONES #1 3-LOWE DICKINSON #1 4-MAGNOLIA POPE #1</p>	<p>T 15 S</p> <p>31</p> <p>1-PHILLIPS FORT #1 2-ATLANTIC FEDERAL JONES #1 3-LOWE DICKINSON #1 4-MAGNOLIA POPE #1</p>	<p>33</p>
<p>6</p> <p>5-SKELLY STATE F-1 6-SKELLY STATE F-3 7-ATLANTIC STATE T-2 8-SKELLY STATE F-2 9-MCALESTER STATE A-1 10-GULF STATE G-1-D 11-ATLANTIC STATE T-1 12-GULF STATE G-2-D 12A-ATLANTIC DICKINSON A-2</p>	<p>6</p> <p>5-SKELLY STATE F-1 6-SKELLY STATE F-3 7-ATLANTIC STATE T-2 8-SKELLY STATE F-2 9-MCALESTER STATE A-1 10-GULF STATE G-1-D 11-ATLANTIC STATE T-1 12-GULF STATE G-2-D 12A-ATLANTIC DICKINSON A-2</p>	<p>6</p> <p>5-SKELLY STATE F-1 6-SKELLY STATE F-3 7-ATLANTIC STATE T-2 8-SKELLY STATE F-2 9-MCALESTER STATE A-1 10-GULF STATE G-1-D 11-ATLANTIC STATE T-1 12-GULF STATE G-2-D 12A-ATLANTIC DICKINSON A-2</p>	<p>6</p> <p>5-SKELLY STATE F-1 6-SKELLY STATE F-3 7-ATLANTIC STATE T-2 8-SKELLY STATE F-2 9-MCALESTER STATE A-1 10-GULF STATE G-1-D 11-ATLANTIC STATE T-1 12-GULF STATE G-2-D 12A-ATLANTIC DICKINSON A-2</p>	<p>4</p>
<p>7</p> <p>13-PHILLIPS DENTON #3 14-PHILLIPS DENTON #1 15-PHILLIPS DENTON #2 16-OHIO DENTON #4 17-OHIO DENTON #3 18-OHIO DENTON #5 19-MCALESTER DENTON A-1</p>	<p>7</p> <p>13-PHILLIPS DENTON #3 14-PHILLIPS DENTON #1 15-PHILLIPS DENTON #2 16-OHIO DENTON #4 17-OHIO DENTON #3 18-OHIO DENTON #5 19-MCALESTER DENTON A-1</p>	<p>7</p> <p>13-PHILLIPS DENTON #3 14-PHILLIPS DENTON #1 15-PHILLIPS DENTON #2 16-OHIO DENTON #4 17-OHIO DENTON #3 18-OHIO DENTON #5 19-MCALESTER DENTON A-1</p>	<p>7</p> <p>13-PHILLIPS DENTON #3 14-PHILLIPS DENTON #1 15-PHILLIPS DENTON #2 16-OHIO DENTON #4 17-OHIO DENTON #3 18-OHIO DENTON #5 19-MCALESTER DENTON A-1</p>	<p>9</p>
<p>18</p> <p>20-GULF CHAMBERLAIN D-2 21-GULF CHAMBERLAIN #1 22-MCALESTER MCCLURE C-1 23-GULF CHAMBERLAIN D-3 24-MCALESTER MCCLURE A-1 25-MCALESTER MCCLURE D-1 26-MCALESTER MCCLURE B-1</p>	<p>18</p> <p>20-GULF CHAMBERLAIN D-2 21-GULF CHAMBERLAIN #1 22-MCALESTER MCCLURE C-1 23-GULF CHAMBERLAIN D-3 24-MCALESTER MCCLURE A-1 25-MCALESTER MCCLURE D-1 26-MCALESTER MCCLURE B-1</p>	<p>18</p> <p>20-GULF CHAMBERLAIN D-2 21-GULF CHAMBERLAIN #1 22-MCALESTER MCCLURE C-1 23-GULF CHAMBERLAIN D-3 24-MCALESTER MCCLURE A-1 25-MCALESTER MCCLURE D-1 26-MCALESTER MCCLURE B-1</p>	<p>18</p> <p>20-GULF CHAMBERLAIN D-2 21-GULF CHAMBERLAIN #1 22-MCALESTER MCCLURE C-1 23-GULF CHAMBERLAIN D-3 24-MCALESTER MCCLURE A-1 25-MCALESTER MCCLURE D-1 26-MCALESTER MCCLURE B-1</p>	<p>16</p>
<p>19</p>	<p>19</p>	<p>19</p>	<p>19</p>	<p>21</p>
<p>Spacing pattern proposed by Phillips</p> <p>Exceptions necessary to spacing pattern proposed by Phillips</p> <p>30</p> <p>MCALESTER FUEL COMPANY MAGNOLIA, ARKANSAS DENTON AREA LEA COUNTY, NEW MEXICO</p>	<p>25</p>	<p>26</p>	<p>27</p>	<p>28</p>