Case No.
2277
Large Exhibits

U.N.H.C.R. MICROGRAPHICS
BEST AVAILABLE COPY

SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Gamma Ray-Neutron

COUNTY LEA
FIELD or LOCATION JUSTIS-MC KEE ELLENBURGER
WELL BUFFINGTON "B" 2D
COMPANY TIDEWATER OIL COMPANY

COMPANY TIDEWATER OIL
COMPANY
WELL BUFFINGTON "B"
2D
FIELD JUSTIS-MC KEE
ELLENBURGER
LOCATION SEC. 19-25S-38E
COUNTY LEA
STATE NEW MEXICO

Other Surveys
ML IES

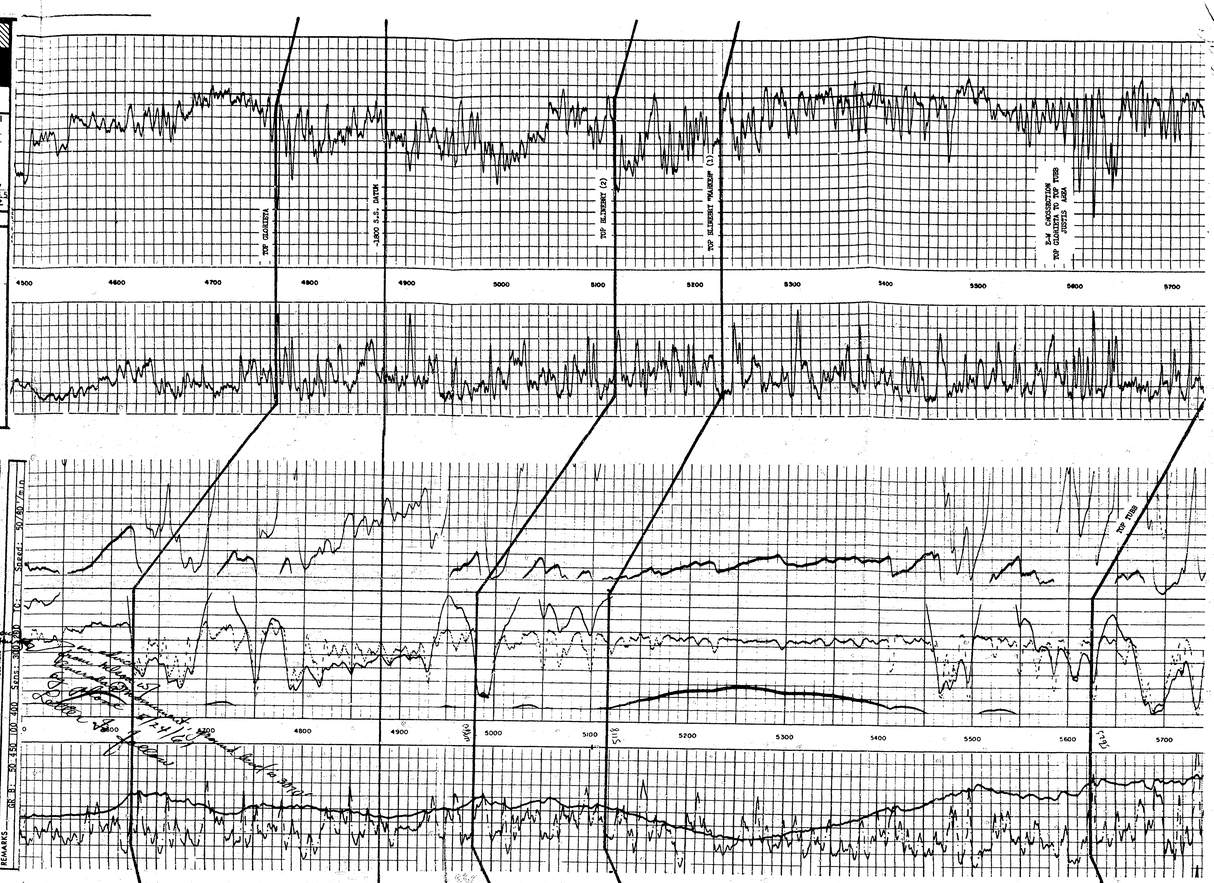
Location of Well
1650' FROM N/S L
330' FROM E/W L

Elevation: D.F. 3077
K.B. 3078
or G.L. 3062

FILING No.

Log Depths Measured From KB 16.5 Ft. above GL

RUN NO.	1			
Date	8-25-59			
First Reading	7949			
Last Reading	0			
Footage Measured	7950			
Max. Depth Reached	7950			
Bottom Driller	7950			
Maximum Temp. °F.	118			
Fluid Nature	CHEM			
Fluid Level				
Casing Size	9 5/8 in.			in.
Casing Weight	lb.	0 to 3315		lb. to
Casing Size	in.			in. to
Casing Weight	lb.	to		lb. to
Bit Size	in.	to		in. to
Bit Size	8 3/4 in.	3315 to TD		in. to
No. Counters Used	1			
Type Equipment	GNT-G			
Type Panel	GNF-C			
Opr. Rig Time	43 HOURS			
Truck No.	2526-HOBBS			
Observer	WILSON			
Witness	PIERCE			



SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Electrical Log

COMPANY AMERADA PETROLEUM CORPORATION
WELL IDA WIMBERLY #4
FIELD JUSTICE
LOCATION SEC. 24-25S-37E
COUNTY LEA
STATE NEW MEXICO

Other Surveys
ML GRL

Location of Well
670' f S/L
990' f W/L

Elevation: D.F. 3078
K.B. 3087
or G.L. 3070

FILING No.

FIELD or LOCATION Justice
WELL Ida Wimberly #4
COMPANY Amerada Petroleum Corporation

RUN No.												
Date	6-26-58											
st Reading	7001											
st Reading	3270											
ed Measured	3731											
g. Schlum.	3270											
g. Driller	3269											
pth Reached	7004											
ttom Driller	7000											
pth Datum	KB 11' Above GL											
id Nat.	Chem-Gel											
ns. Visc.	9.4	37										
id Resist.	9 @ 82°	@	°	@	°	@	°	@	°			
Res. Bht	7 @ 126°	@	°	@	°	@	°	@	°			
Rmf	.4 @ 108°	@	°	@	°	@	°	@	°			
Rmc	@	@	°	@	°	@	°	@	°			
pH	8	@	°	@	°	@	°	@	°			
Wtr. Loss	8	CC 30 min		CC 30 min		CC 30 min		CC 30 min				
t Size	8 3/4"											
ngs.—AM	15"											
AO	32"											
AO	19'											
pr. Rig Time	1 1/2 hrs.											
uck No.	1529 Nabors											
corded By	Wilson											
itness	Moore											

SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Gamma Ray-Neutron

COUNTY LEA
FIELD or LOCATION JUSTICE
WELL CARLSON B#1
COMPANY ANDERSON PRITCHARD OIL CORP.

COMPANY ANDERSON PRITCHARD
OIL CORP.
WELL CARLSON B#1
FIELD JUSTICE
LOCATION SEC 23, T-25-S
R-37-E
COUNTY LEA
STATE NEW MEXICO

Other Surveys
ML, I-ES

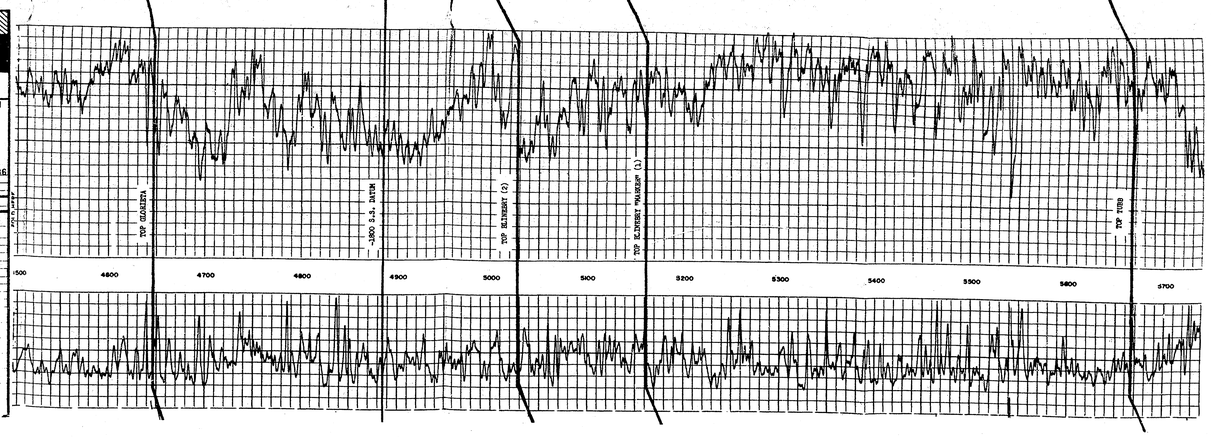
Location of Well
660' FSL
330' FEL

Elevation: D.F. 3006
K.B.
or G.L.

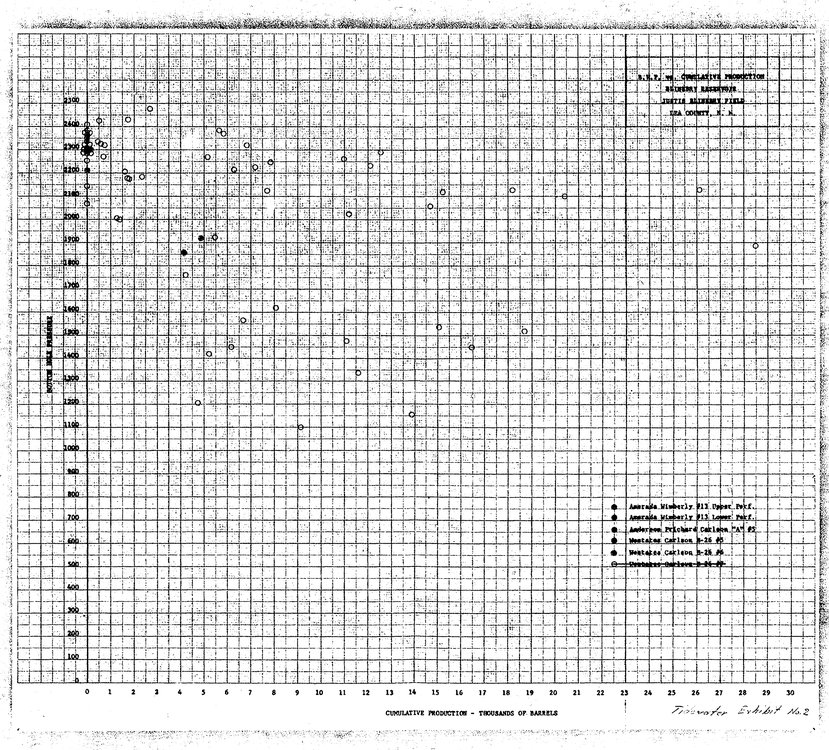
FILING No.

Log Depths Measured From KB 12.2 Ft. above 7" CASING FLANGE

RUN NO.	1			
Date	7-1-			
First Reading	59			
Last Reading				
Footage Measured				
Max. Depth Reached				
Bottom Driller	5			
Maximum Temp. °F.				
Fluid Nature	GEL CHEM			
Fluid Level	FLAT			
Casing Size	13-3/8 in.			in.
Casing Weight	lb.	SURF 566		lb. to
Casing Size	9-5/8 in.			in. to
Casing Weight	lb.	SURF @ 3334		lb. to
Bit Size	8-3/4 in.	3334 @ 5961		in. to
Bit Size	in.	to		in. to
No. Counters Used	1 SCINT: 1 GM			
Type Equipment	GNAM - A			
Type Panel	GNF - C			
Opr. Rig Time	9 HOURS			
Truck No.	1548-KERMIT			
Observer	HOOPER - McKAY			
Witness	CHESTER			

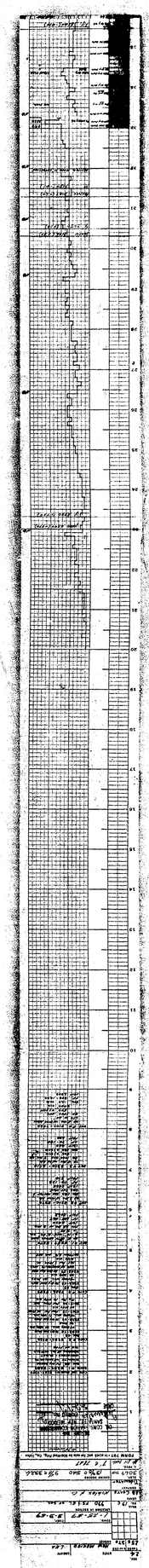


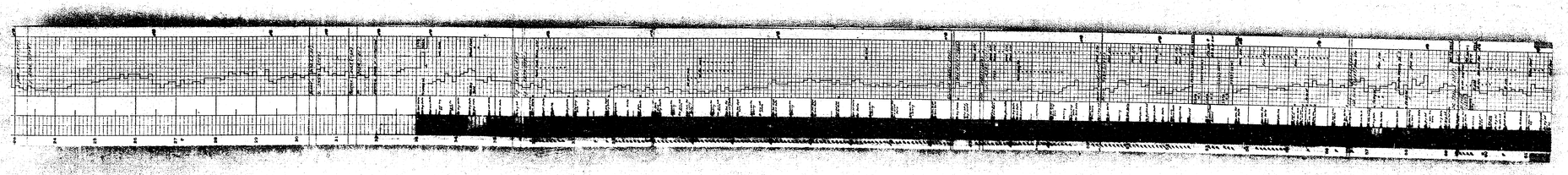
W.N.M.G.F. MICROGRAPHICS
BEST AVAILABLE COPY



W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

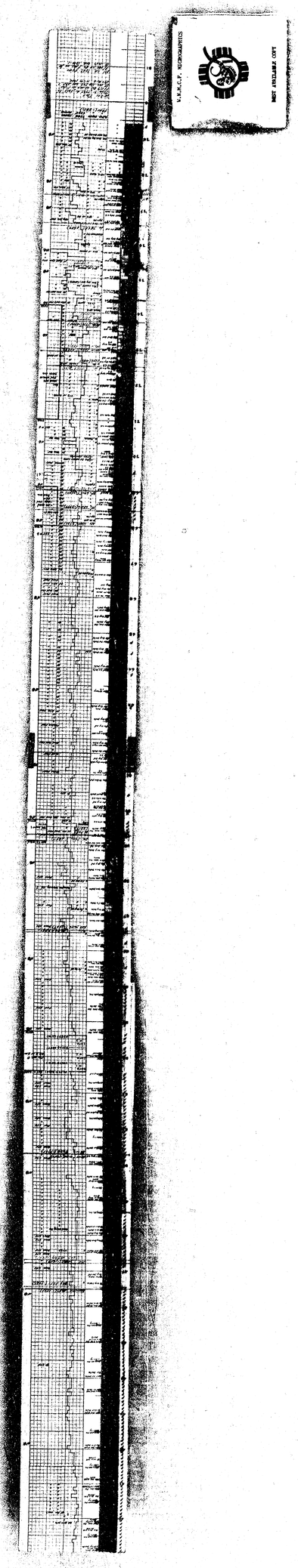
V.I.N.C.P. MICROGRAPHICS
WEST VIRGINIA DEPT

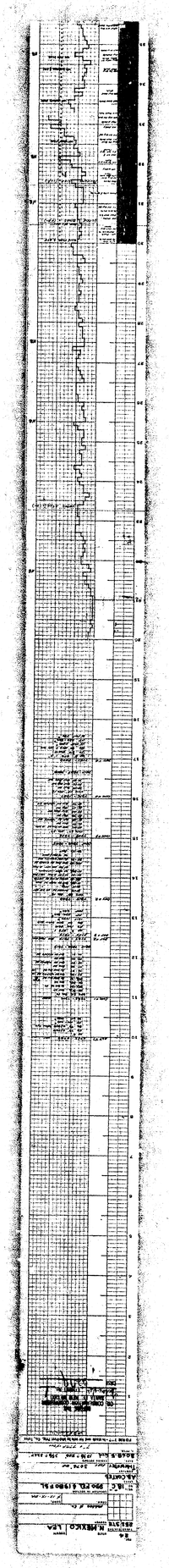




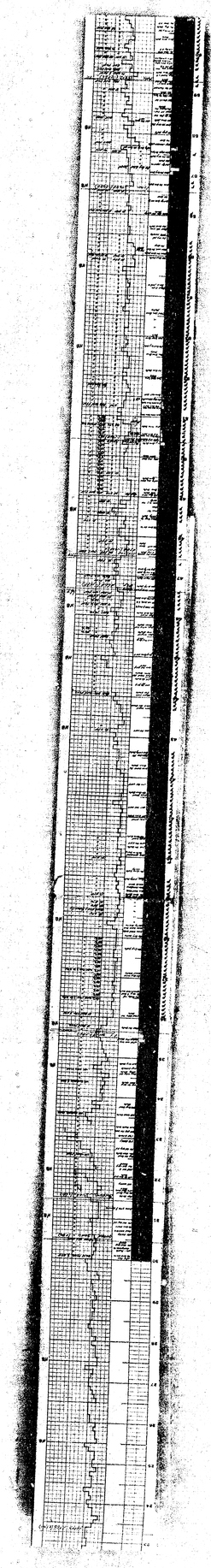
V.N.N.C.F. MICROGRAPHICS

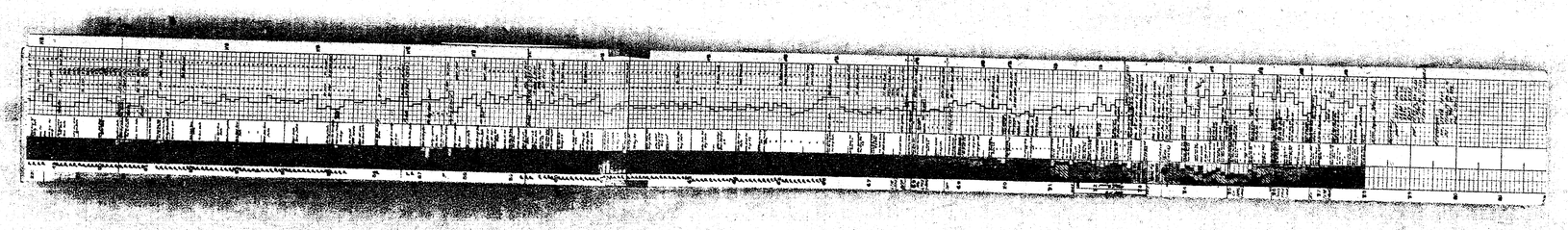
BEST AVAILABLE COPY


M.M.C.P. MICROGRAPHICS
MOST ATTRACTIVE COPY


V.A.M.C.P. MICROGRAPHICS
BEST AVAILABLE COPY

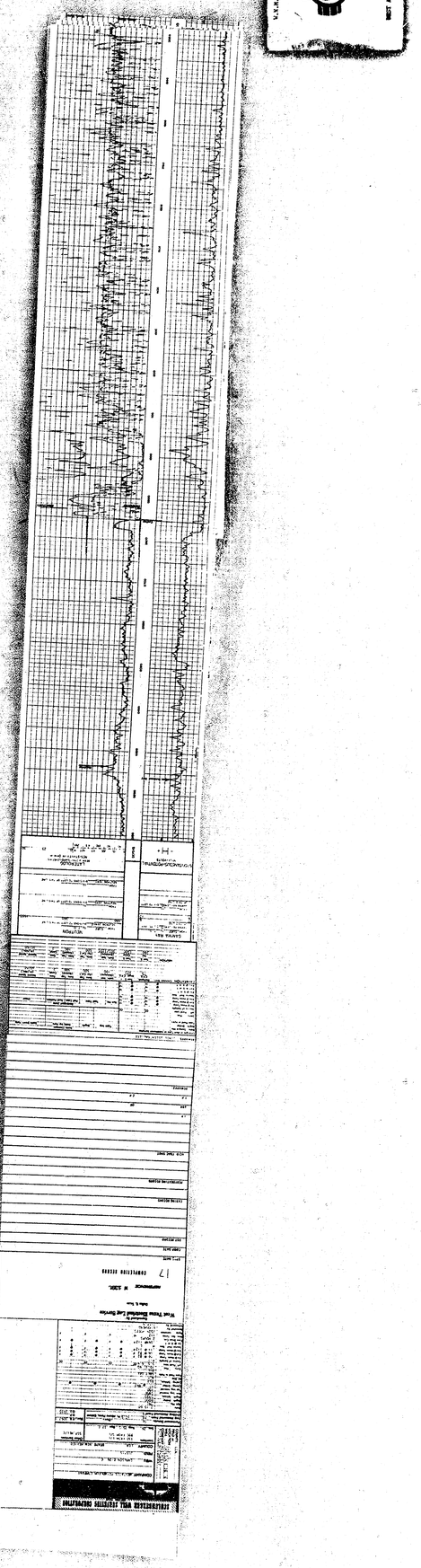
U.S.A.I.D.-P. MICROCOPIES
BEST AVAILABLE COPY



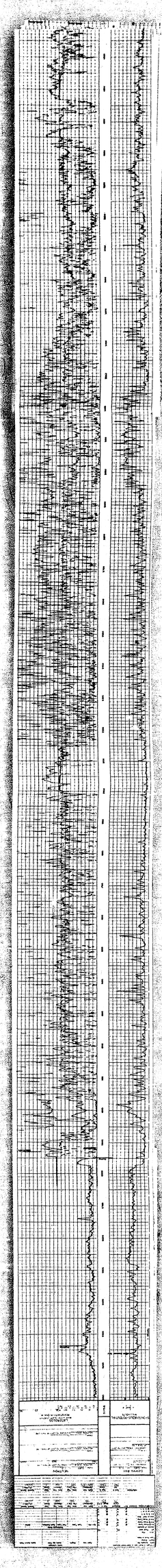


N.M.M.C.F. MICROGRAPHICS

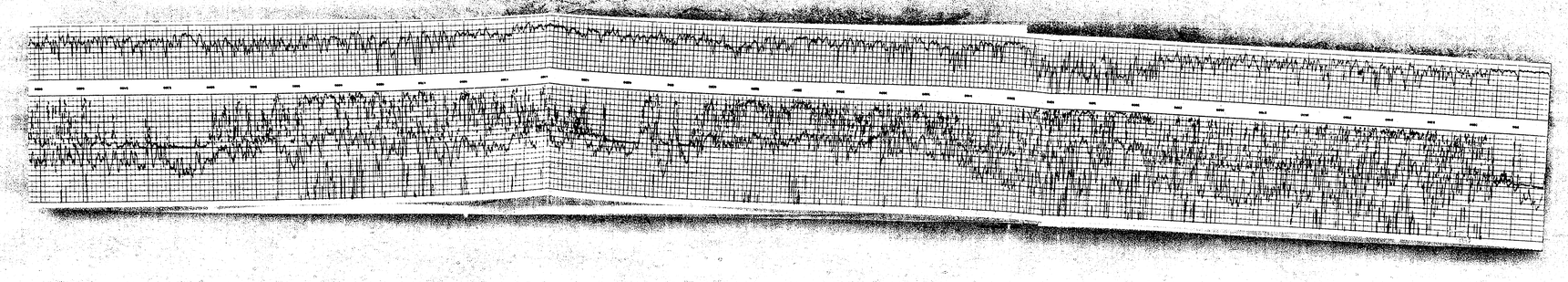
BEST AVAILABLE COPY



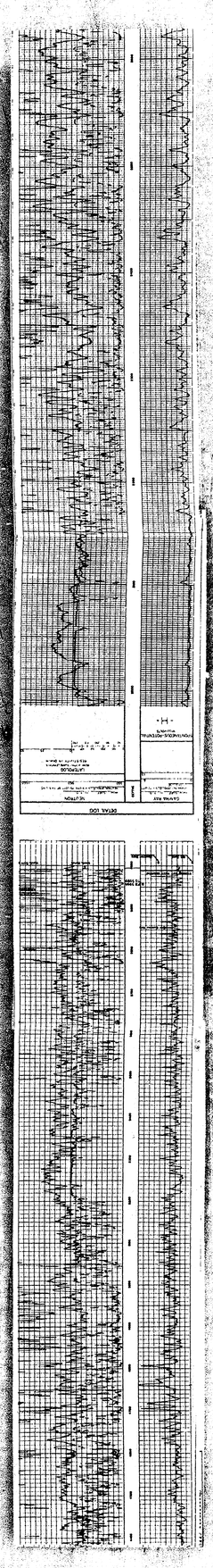
M.N.A.C.F. MICROFILMS
BEST AVAILABLE COPY

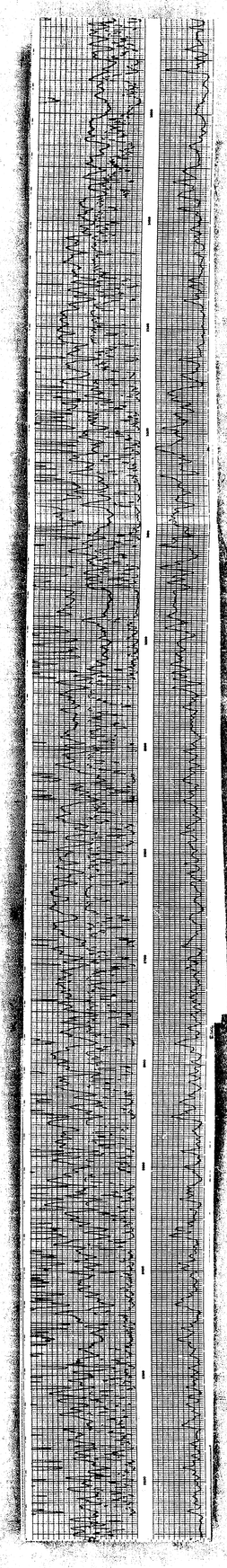

U.N.A.M.C.E. - SISMOLOGIA
MEXICO, DISTRITO FEDERAL

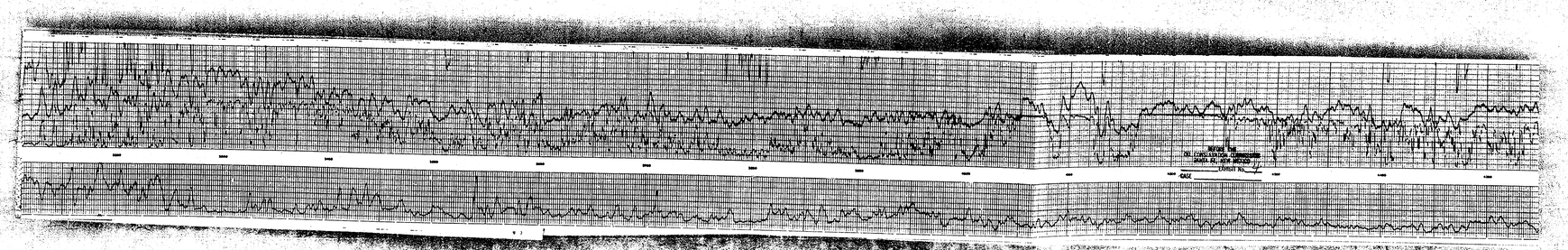

VANCOUVER NEUROGRAPHICS
MUSE ANALOGUE CORP



V.I.N.A.H. HIDROCARBUROS
MEXICO

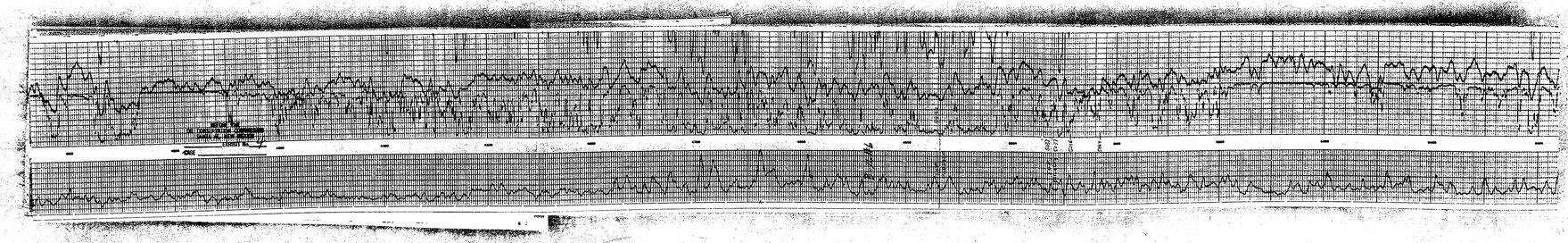



A.M.A.C.P. NEUROGRAPHICS
NOT INCLUDED WITH



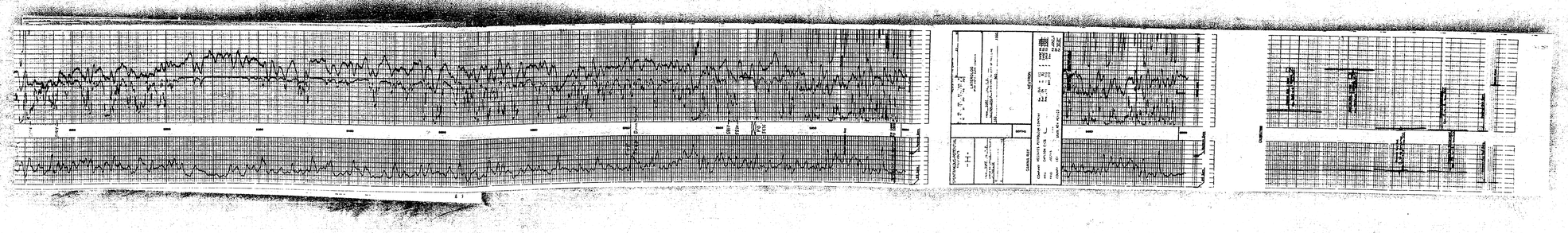
U.S.N.R.C.F. MICROGRAPHICS

BEST AVAILABLE COPY



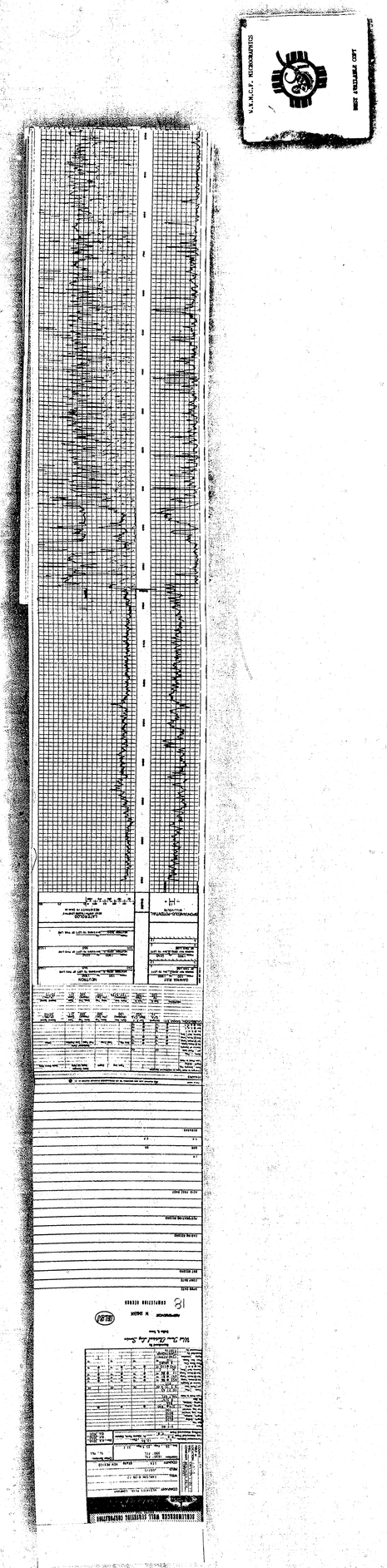
V.A.M.C.F. MICROGRAPHICS

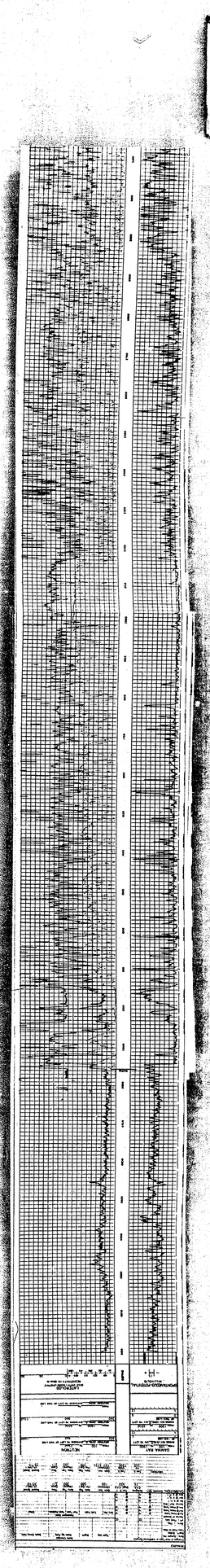
BEST AVAILABLE COPY

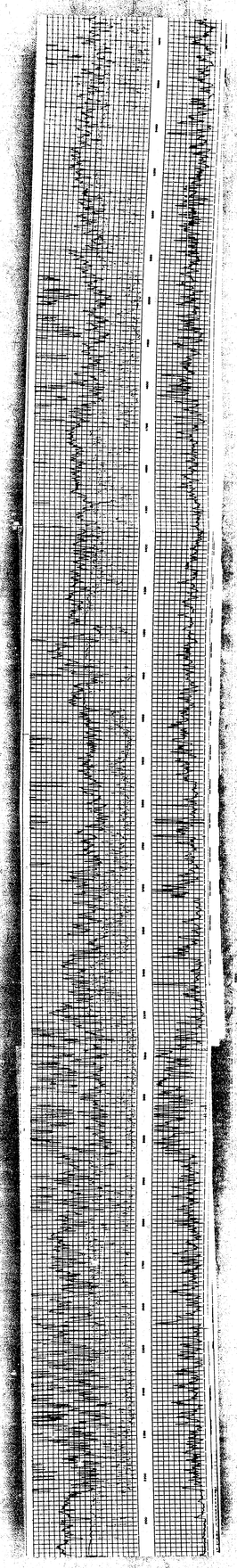


W.N.M.C.P. MICROGRAPHICS

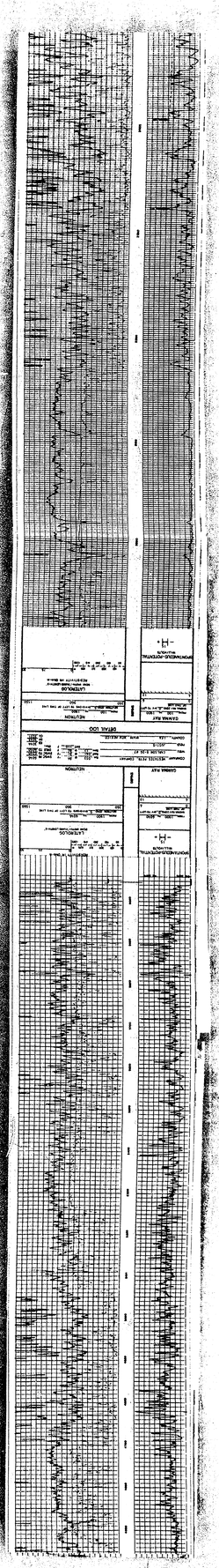
BEST AVAILABLE COPY

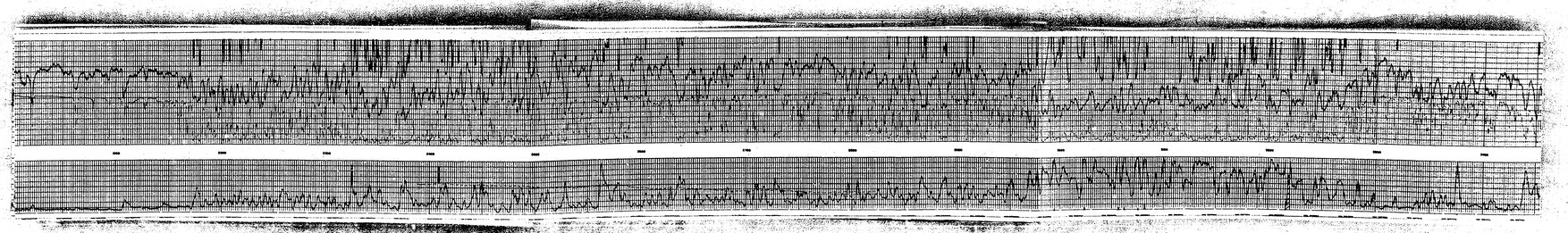





U.S.G.S. SEISMOGRAPHS
BEST AVAILABLE COPY

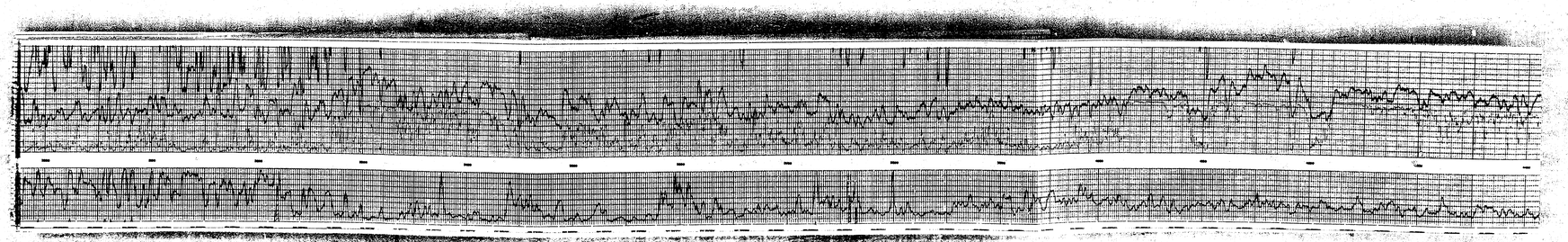
N.M.H.C.P. MICROGRAPHICS
BEST AVAILABLE COPY





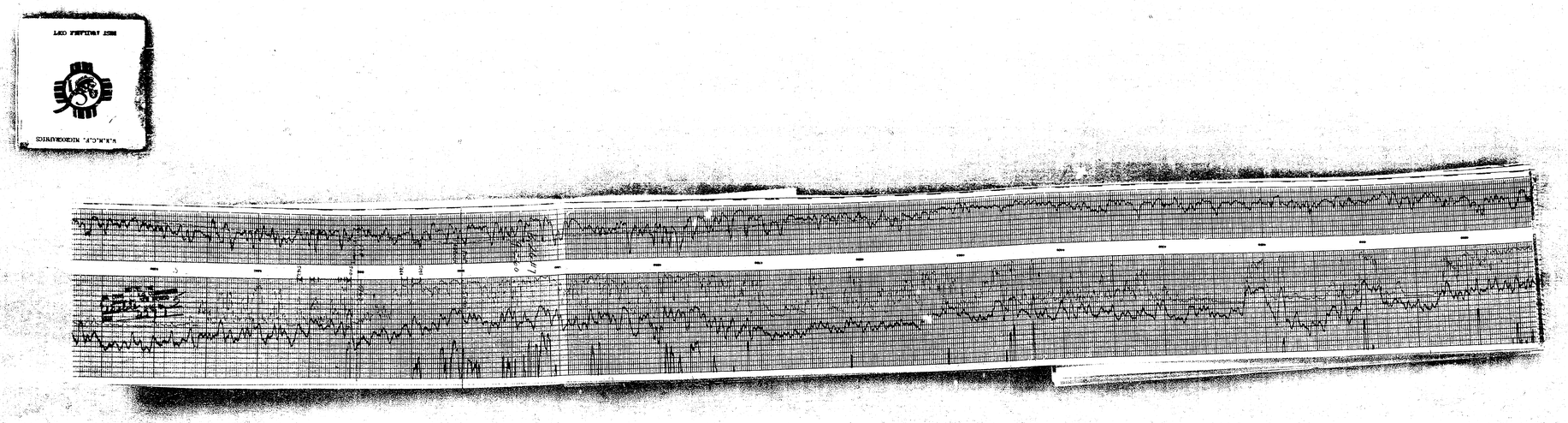
V.N.M.C.F. MICROGRAPHICS

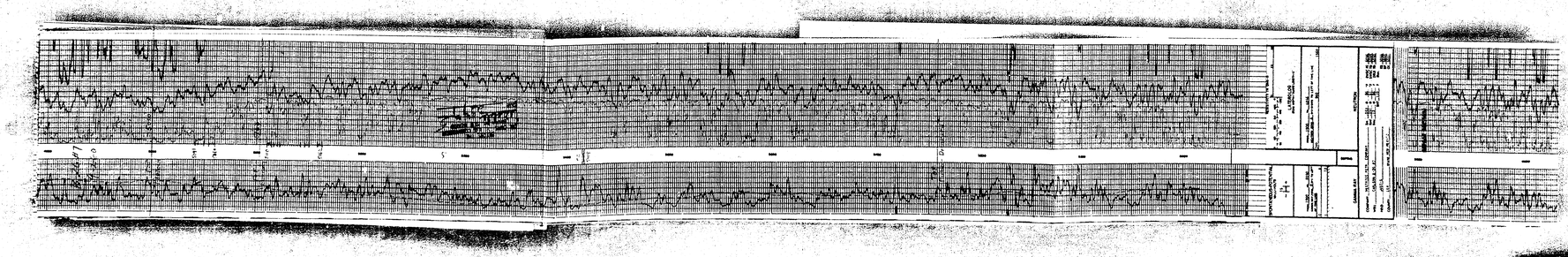
BEST AVAILABLE COPY



V.V.M.C.P. MICROGRAPHICS

BEST AVAILABLE COPY

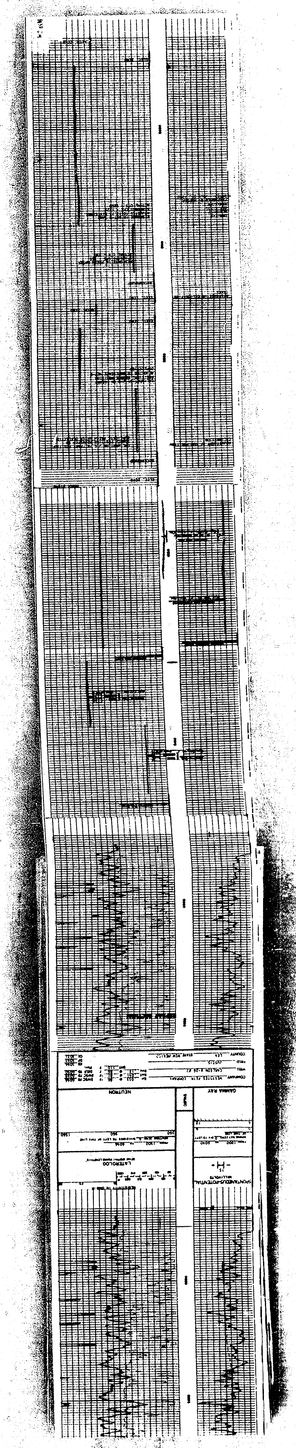




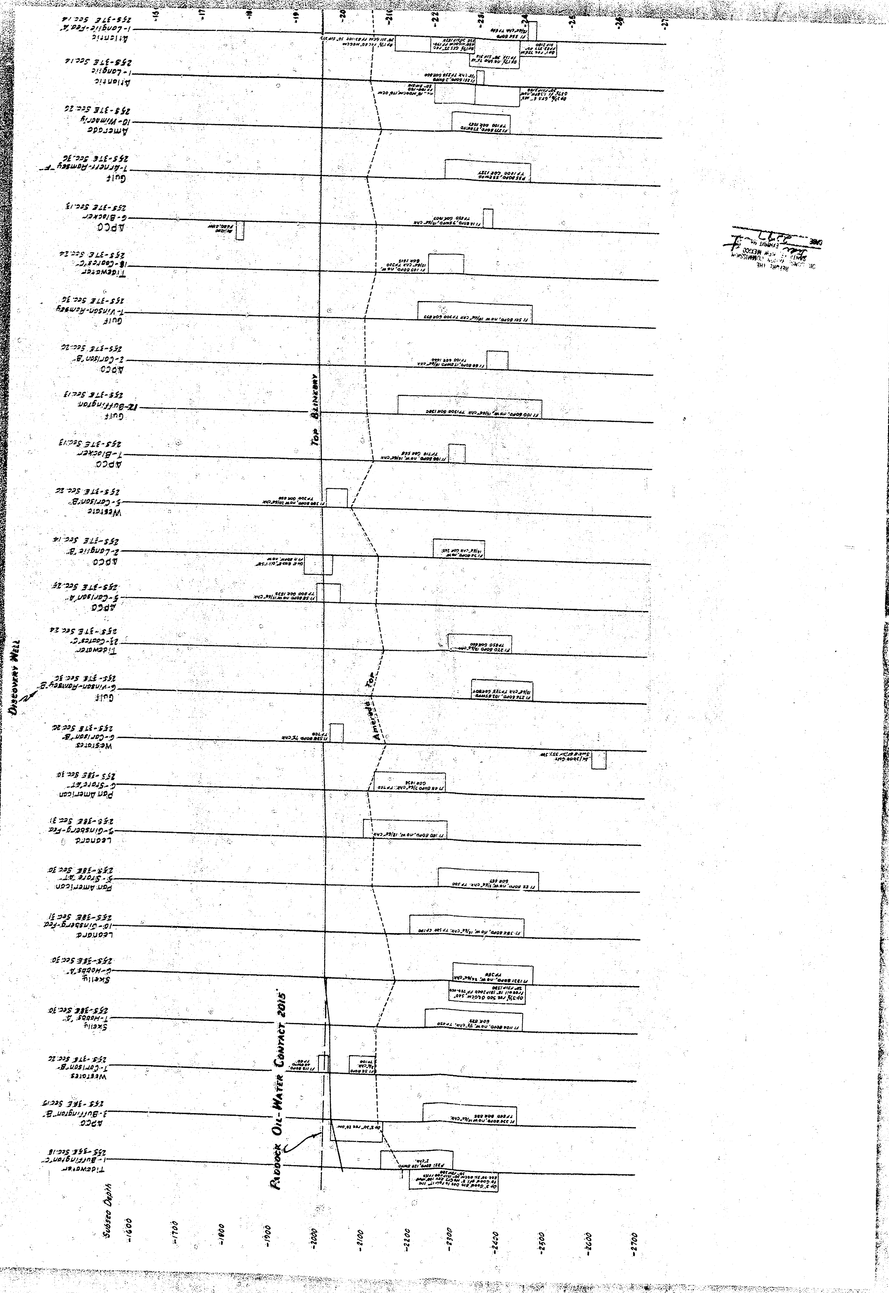
U.S.N.M.C.F. MICROGRAPHICS

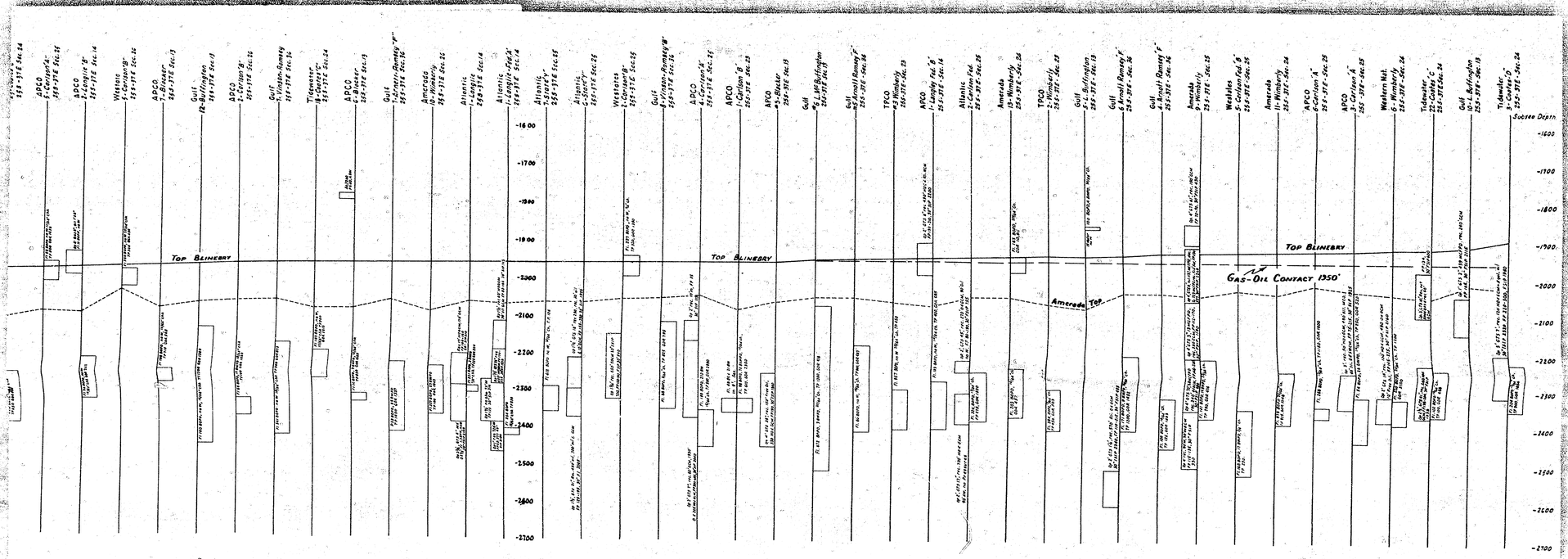
BEST AVAILABLE COPY

U.A.N.L.
M.C.P.
BIBLIOTECA UNIVERSITARIA



U.S.A.F.C.E. RECORDS
MAP FILE ONLY





BLINEBRY RESERVOIR COMPLETIONS

JUSTIS-BLINEBRY FIELD

LEA COUNTY, NEW MEXICO

DST

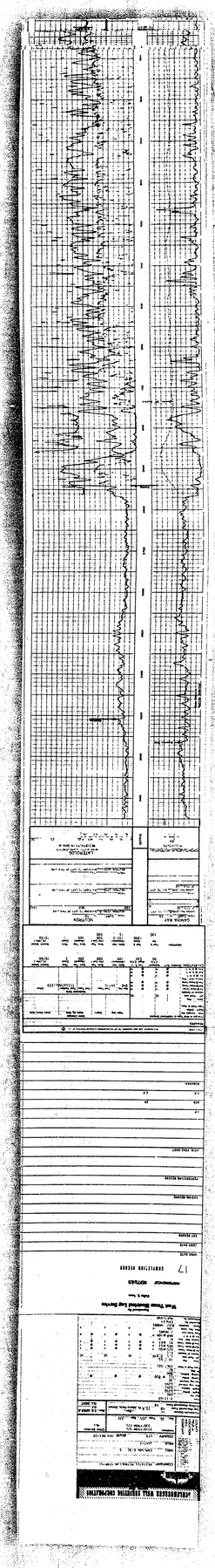
PRODUCING INTERVAL

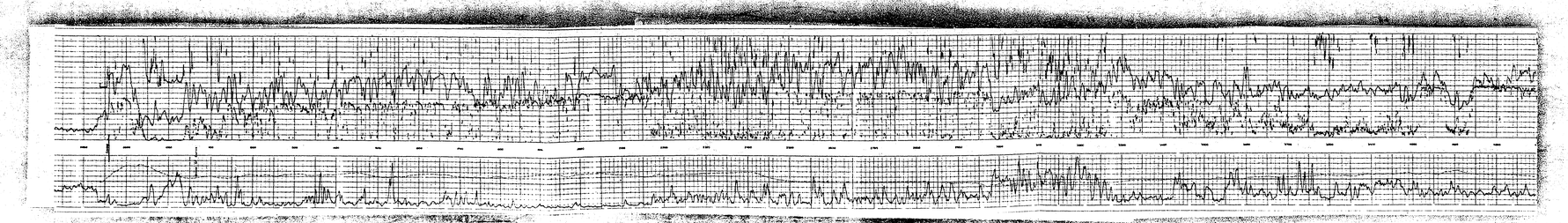
N.M.O.C.C. MICROGRAPHICS

BEST AVAILABLE COPY

U.S.N.C.P. MICROGRAPHICS

BEST AVAILABLE COPY

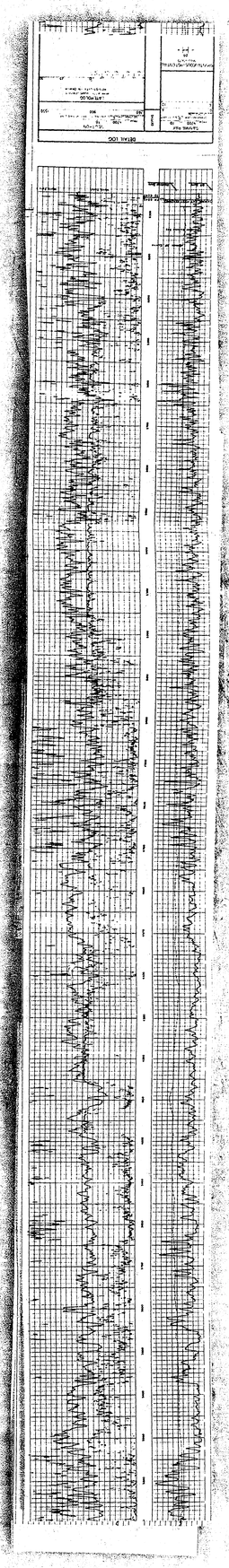


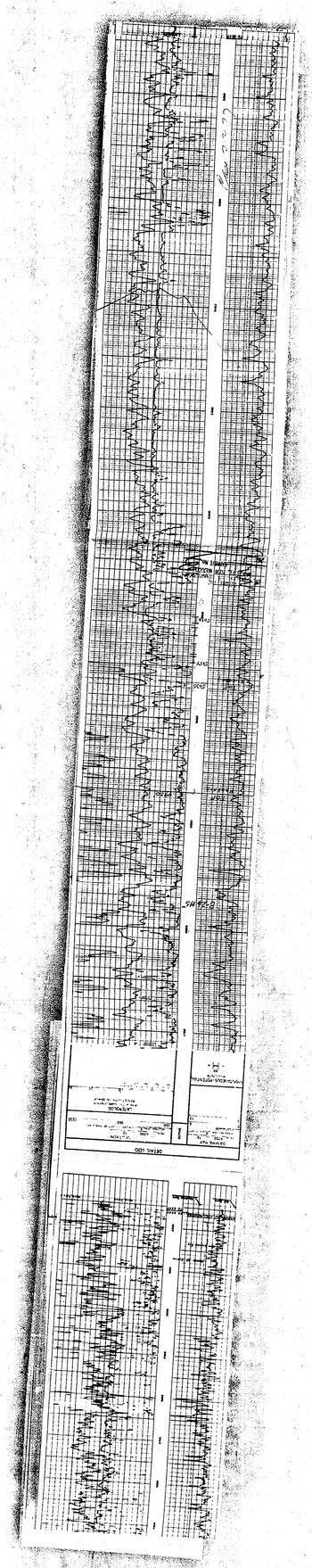


V.A.M.C.P. MICROGRAPHICS

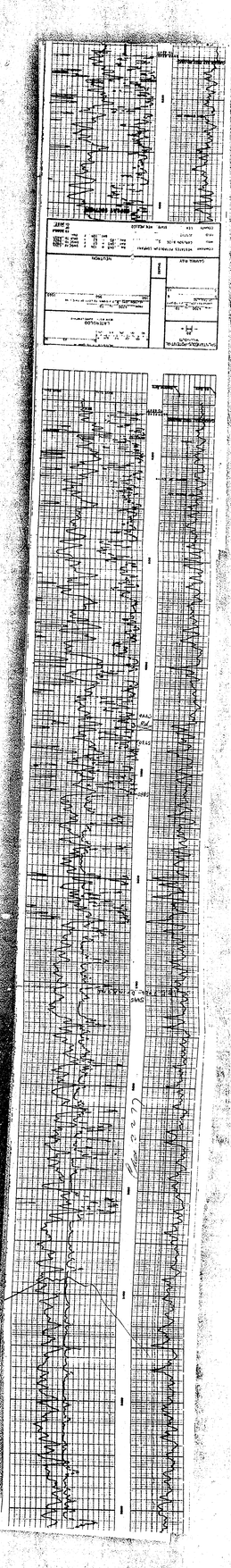
BEST AVAILABLE COPY

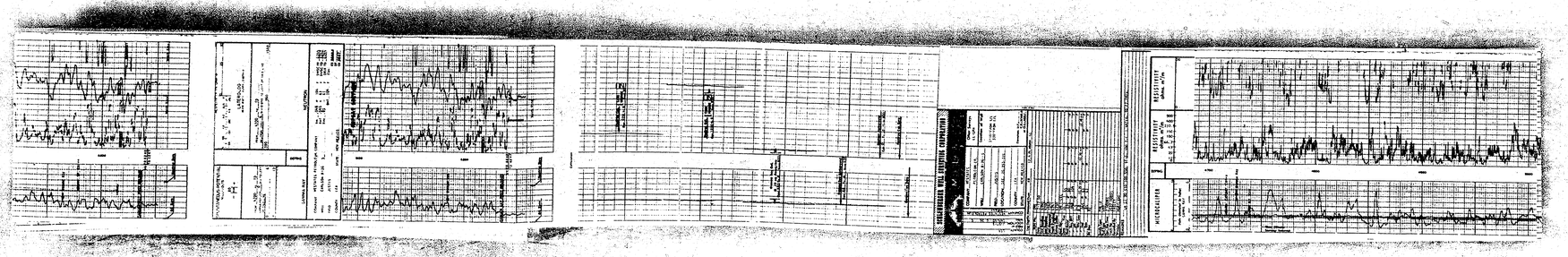
U.S.N.M.C.P. MICROGRAPHICS
BEST AVAILABLE COPY




DETAIL LOG
LEGEND
DEPTH
GAMMA RAY
RESISTIVITY
SHALE

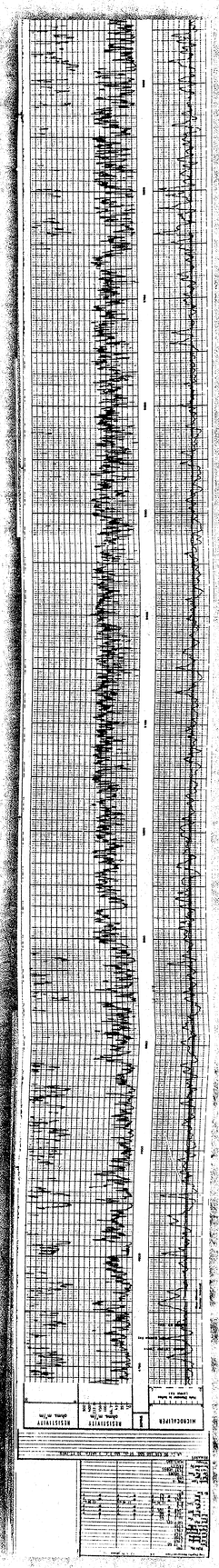

U.N.A.M.C.P. PETROLEUM
MEXICO, D.F.





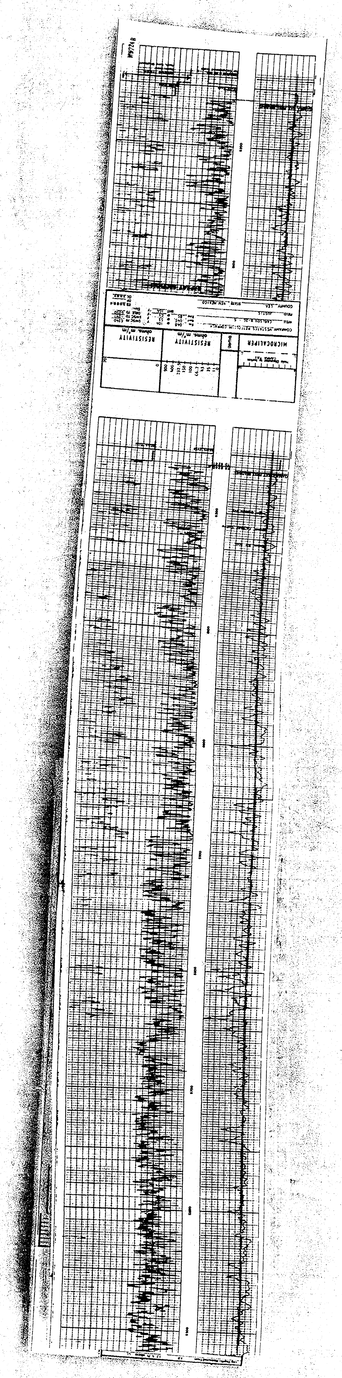
W.R.M.C.P. MICROGRAPHICS

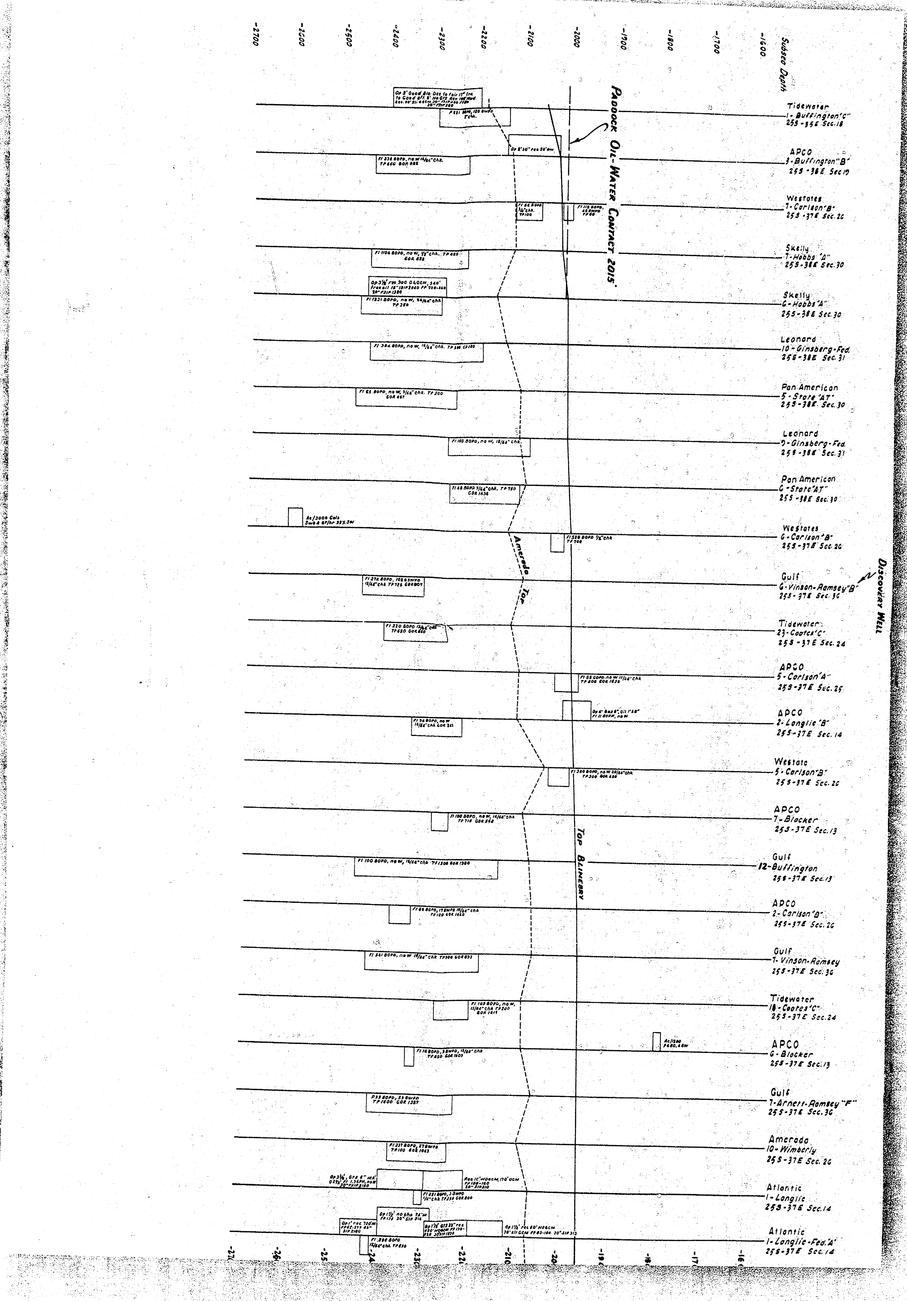
BEST AVAILABLE COPY


MICROCALIPER
RESISTIVITY
RESISTIVITY

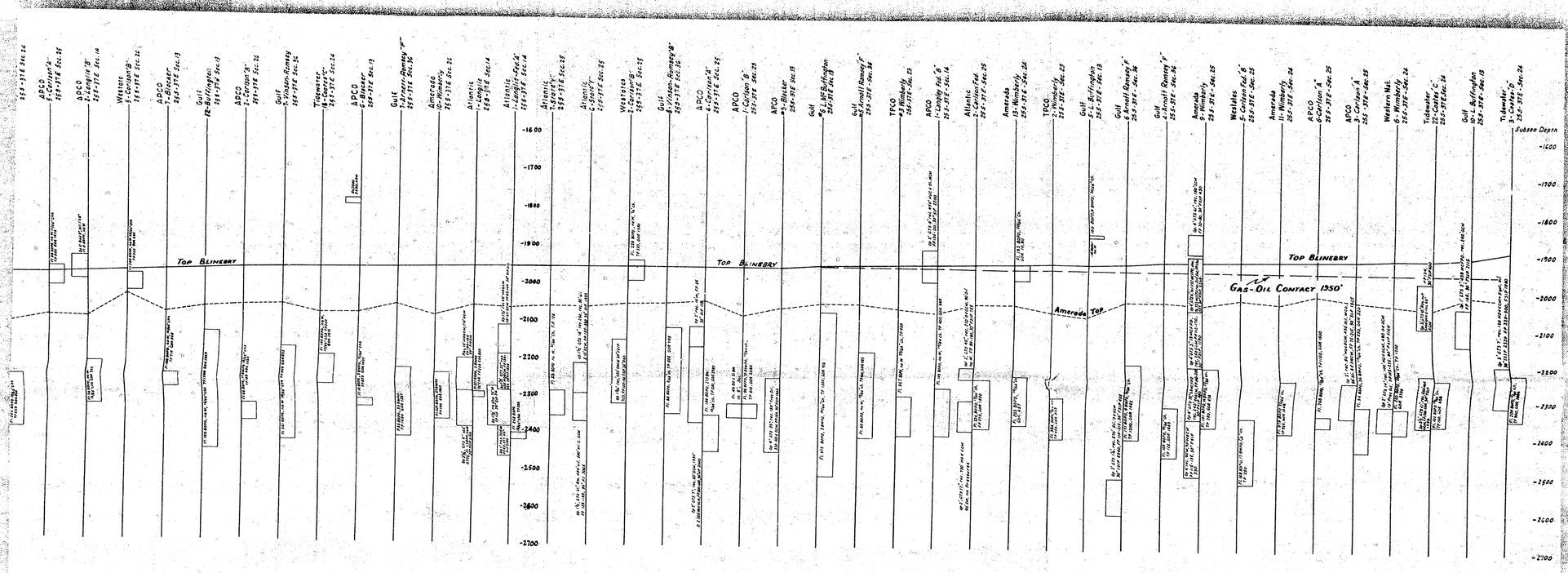

V.E.B.C.P. KOLOMNA
LOG INTERVAL ONE


C.N.I.C.P. HIDROCARBUROS
SRE / PEMEX / CNIT




-2700
-2100
-2500
-2400
-2300
-2200
-2100
-2000
-1900
-1800
-1720
-1600
Snake Dam
Paddock Oil-Water Contact 2015'
Discovery Well
Amerada Top
Top Blinebry
Tidewater
1- Buffington "C"
25S-37E Sec. 18
APCO
1- Buffington "B"
25S-38E Sec. 13
Wesstates
7- Carlson "B"
25S-37E Sec. 25
Skelly
7- Hobbs "A"
25S-38E Sec. 30
Skelly
6- Hobbs "A"
25S-38E Sec. 30
Leonard
10- Ginsberg-Fed.
25S-38E Sec. 31
Pan American
5- State "AT"
25S-38E Sec. 30
Leonard
9- Ginsberg-Fed.
25S-38E Sec. 31
Pan American
6- State "AT"
25S-38E Sec. 30
Wesstates
6- Carlson "B"
25S-37E Sec. 30
Gulf
6- Vinson-Ramsey "B"
25S-37E Sec. 30
Tidewater
23- Coates "C"
25S-37E Sec. 24
APCO
5- Carlson "A"
25S-37E Sec. 25
APCO
2- Longlie "B"
25S-37E Sec. 14
Wesstates
5- Carlson "B"
25S-37E Sec. 25
APCO
7- Blocker
25S-37E Sec. 13
Gulf
12- Buffington
25S-37E Sec. 13
APCO
2- Carlson "A"
25S-37E Sec. 25
Gulf
7- Vinson-Ramsey
25S-37E Sec. 30
Tidewater
18- Coates "C"
25S-37E Sec. 24
APCO
6- Blocker
25S-37E Sec. 13
Gulf
7- Arnert-Ramsey "F"
25S-37E Sec. 30
Amerada
10- Wimberly
25S-37E Sec. 25
Atlantic
1- Longlie
25S-37E Sec. 14
Atlantic
1- Longlie-Fed. A'
25S-37E Sec. 14
-24-
-19-
-20-
-21-
-22-
-23-
-24-
-19-
-18-
-17-
-16-


MEMBER
MIDLAND TEXAS



BLINEBRY RESERVOIR COMPLETIONS

JUSTIS-BLINEBRY FIELD

LEA COUNTY, NEW MEXICO

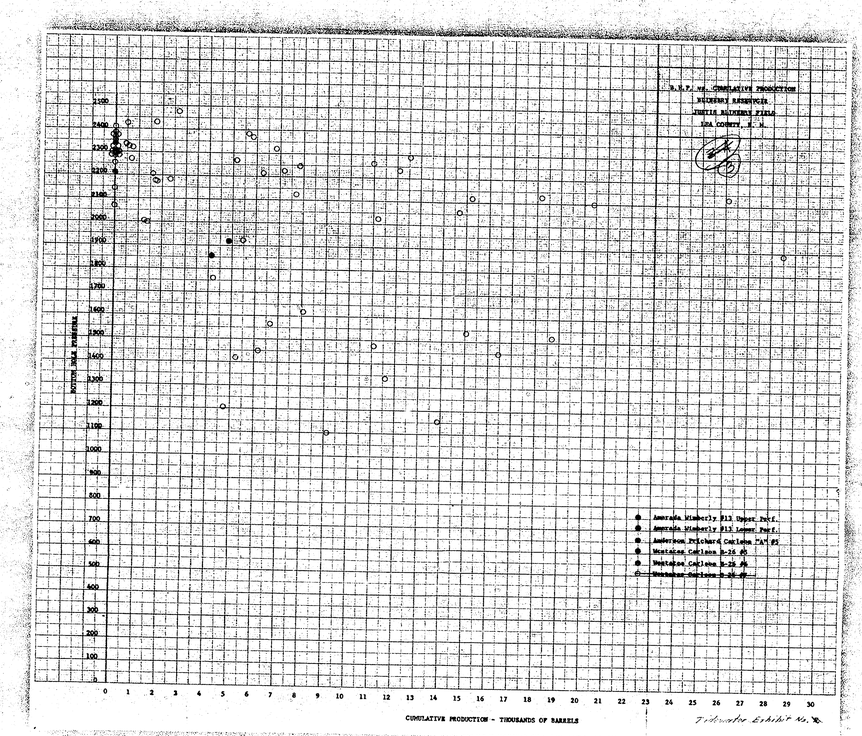
DST

PRODUCING INTERVAL

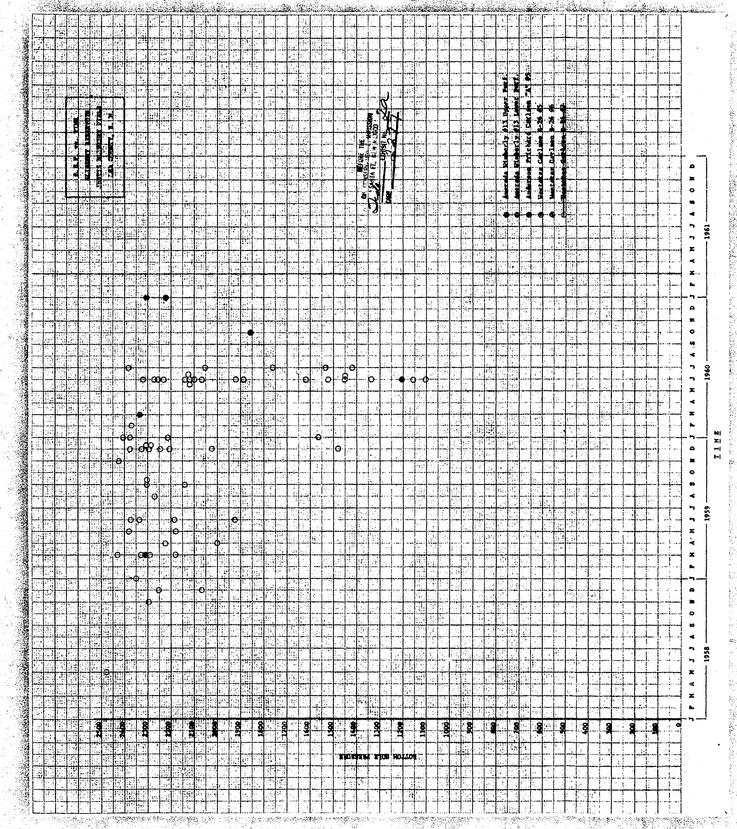
Transfer Exhibit No 3

N.M.M.C.P. MICROGRAPHICS

BEST AVAILABLE COPY



W.R.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY



U.S.B.M.C.F. RECORDS
DO NOT REMOVE COPY

B'-SOUTH

-1400' S.S. DATUM

GULF
V.RAMSAY-B #9
I-36-25-37
ELEV. 3058 KB

GULF
A.RAMSAY-F #6
C-36-25-37
ELEV. 3051 K.B.

AND. PRICHARD
CARLSON #4
M-25-25-37
ELEV. 3067 K.B.

AMERADA
WIMBERLY #9
E-25-25-37
ELEV. 3075 K.B.

ATLANTIC
STATE-Y #7
A-25-25-37
ELEV. 3073 D.F.

AMERADA
WIMBERLY #
M-24-25-37
ELEV. 3079 DF

TOP GLORIETA

BLINEBRY MARKER #2

4500

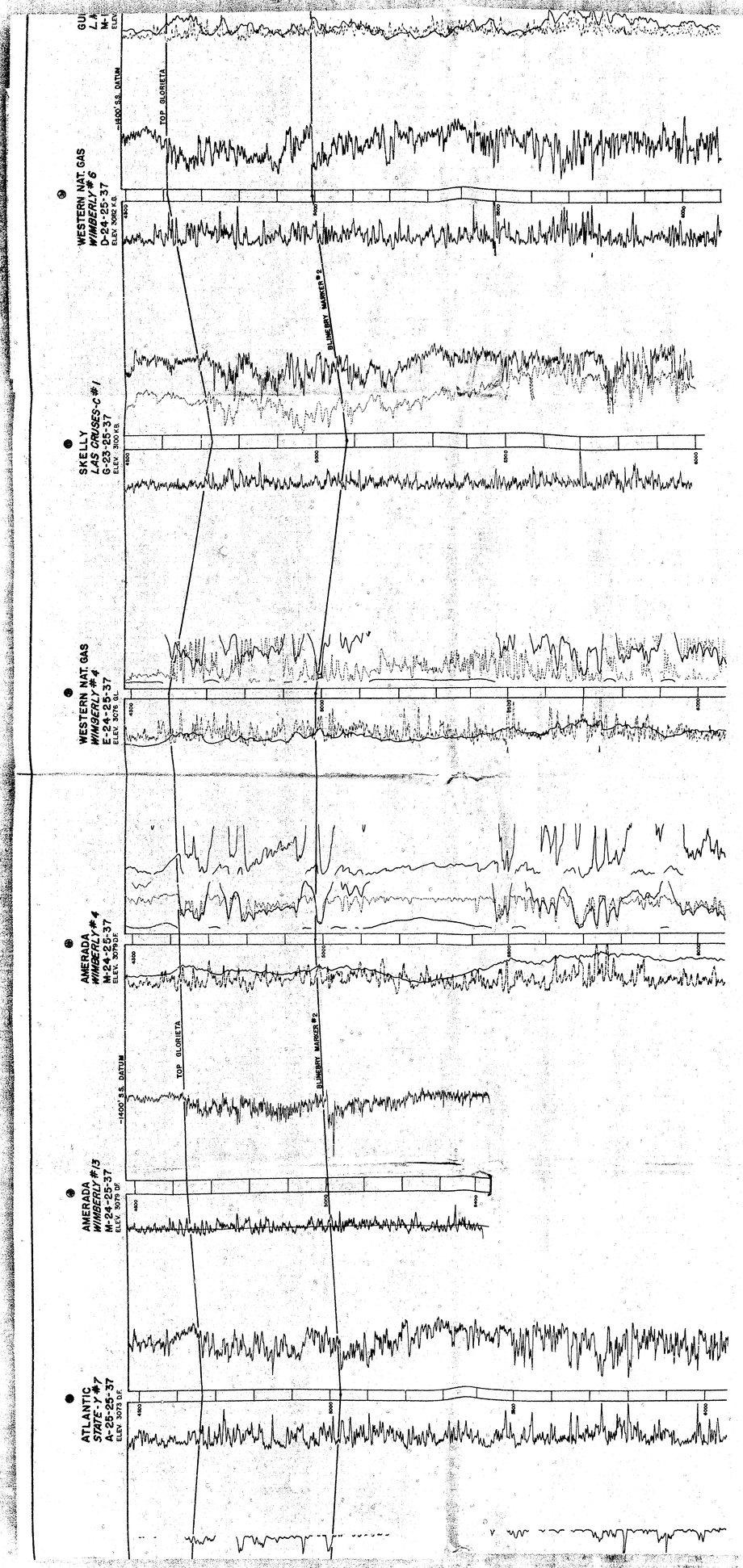
5000

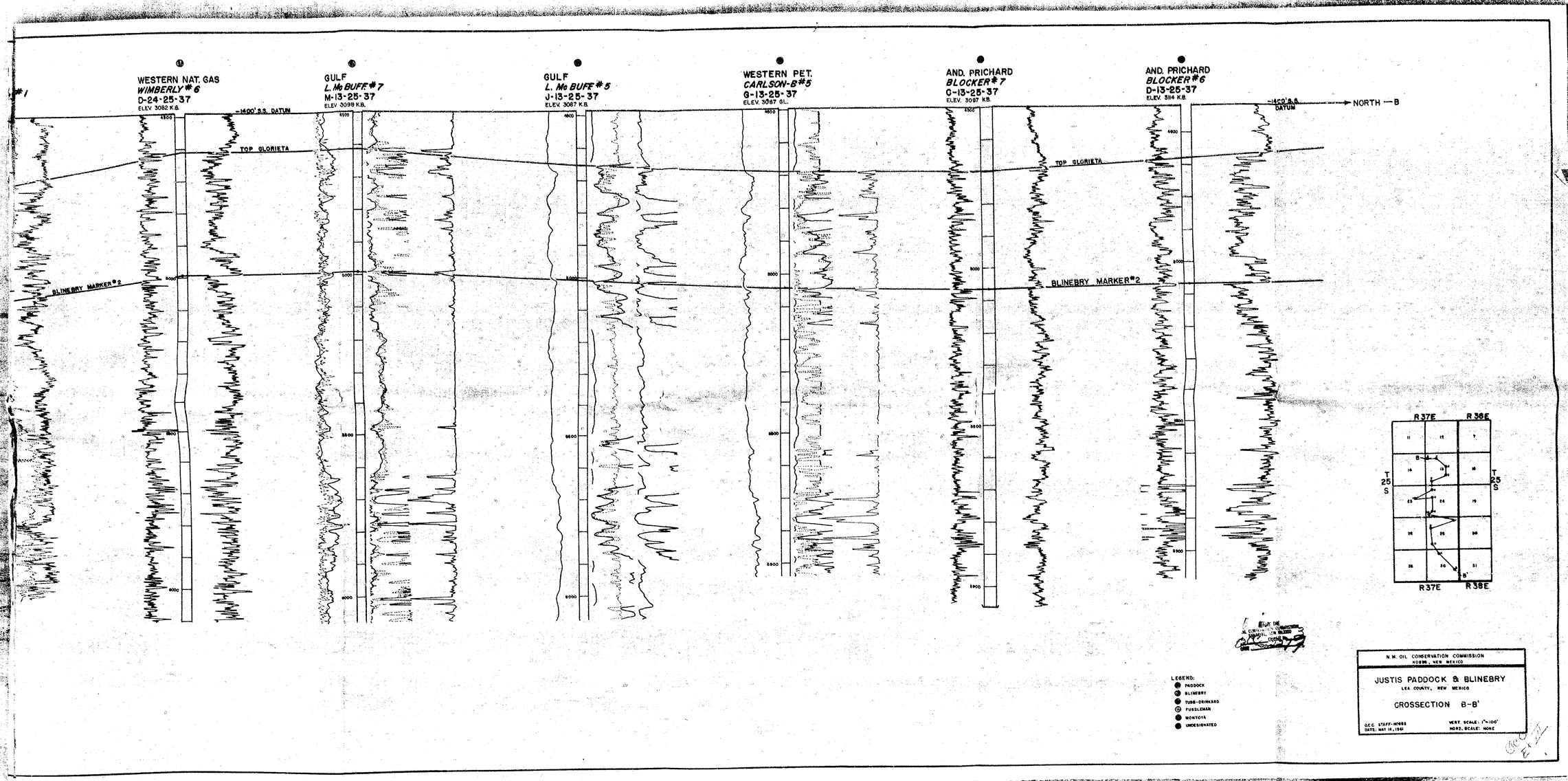
5500

6000

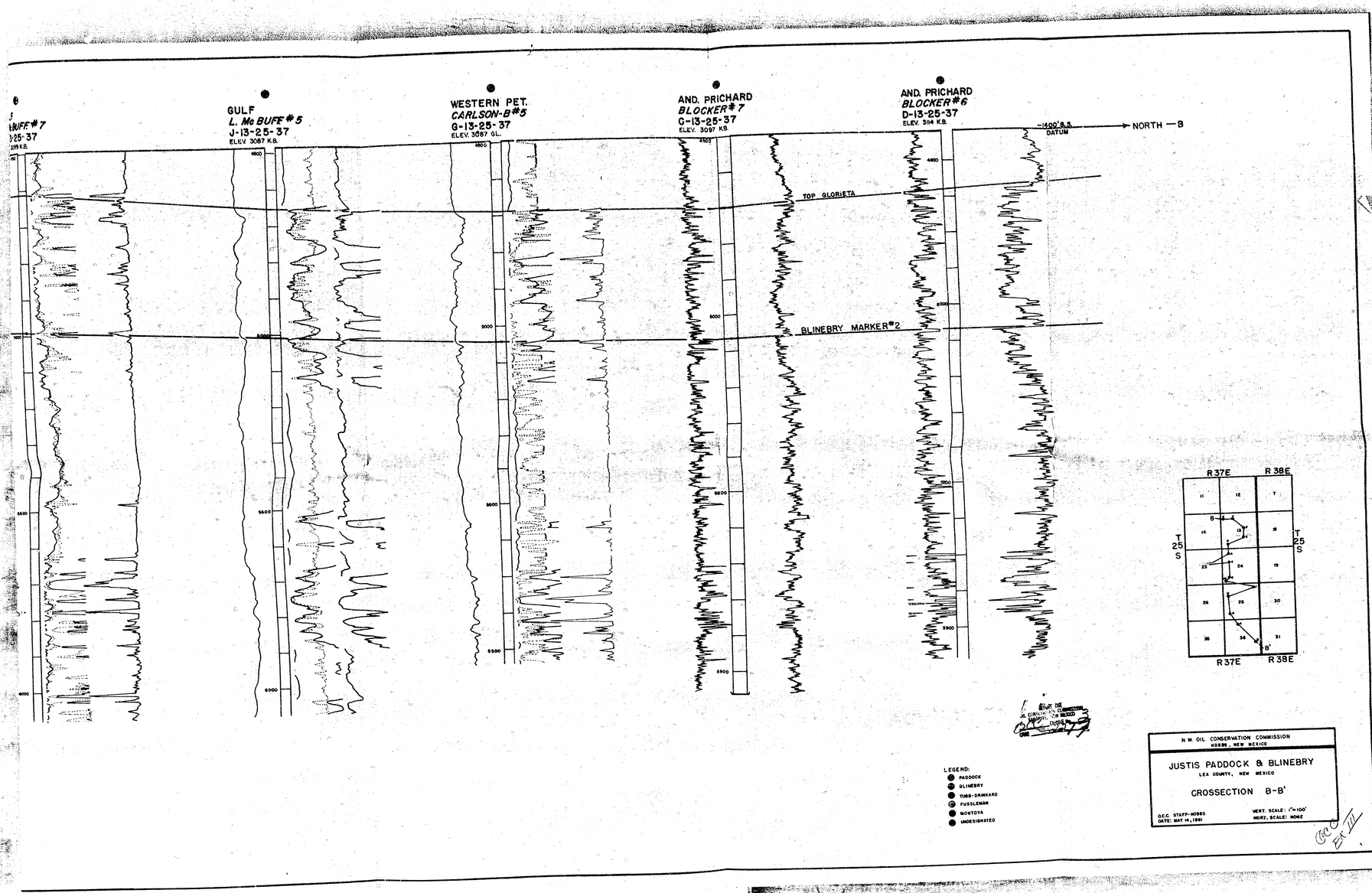
U.N.M.C.F. MICROGRAPHICS

BEST AVAILABLE COPY


WESTERN NAT. GAS
WIMBERLY #6
D-24-25-37
ELEV. 3082 K.B.
-1500' S.S. DATUM
TOP GLORIETA
BLINEBRY MARKER #2
SKELLY
LAS CRUSES-C #1
G-23-25-37
ELEV. 3100 K.B.
WESTERN NAT. GAS
WIMBERLY #4
E-24-25-37
ELEV. 3076 GL.
AMERADA
WIMBERLY #4
M-24-25-37
ELEV. 3079 D.F.
AMERADA
WIMBERLY #13
M-24-25-37
ELEV. 3079 D.F.
ATLANTIC
STATE-Y #7
A-25-25-37
ELEV. 3073 D.F.



V.A.N.C.F. MICROGRAPHICS
BEST AVAILABLE COPY



N.M.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

SCHLUMBERGER WELL SURVEYING CORPORATION

SIMULTANEOUS

Gamma Ray-Neutron

COMPANY TIDEWATER OIL
COMPANY
WELL BUFFINGTON "B"
20
FIELD JUSTIS-MC KEE ELLENBURGER
LOCATION SEC. 19-25S-38E
COUNTY LEA
STATE NEW MEXICO

Other Surveys: ML, IES

Location of Well: 1650' FROM NS/L 330' FROM EW/L

Elevation: D.F. 3072 K.B. 3076.5 or G.L. 3061

FILING No.

COUNTY LEA
FIELD JUSTIS-MC KEE ELLENBURGER
LOCATION SEC. 19-25S-38E
WELL BUFFINGTON "B"
COMPANY TIDEWATER OIL COMPANY

Log Depths Measured From KB 16.5 Ft. above GL

RUN NO.	1
Date	8-25-59
First Reading	7949
Last Reading	0
Footage Measured	7949
Max. Depth Reached	7950
Bottom Driller	7950
Maximum Temp. °F.	118
Fluid Nature	CUEN
Fluid Level	
Casing Size	9 5/8 in.
Casing Weight	lb.
Casing Size	in.
Casing Weight	lb.
Bit Size	in.
Bit Size	8 in.
No. Counters Used	1
Type Equipment	GNT-G
Type Panel	GNP-C
Opr. Rig Time	4½ HOURS
Truck No.	2526-HOBBS
Observer	WILSON
Witness	PIERCE

0 to 3315 in. to
in. to
in. to
3315 to TD in. to



SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COMPANY AMERADA PETROLEUM CORPORATION
WELL IDA WIMBERLY #4
FIELD JUSTICE
LOCATION SEC. 24-25S-37E
COUNTY LEA
STATE NEW MEXICO

Other Surveys: ML GRL

Location of Well: 670' f S/L 990' f W/L

Elevation: D.F. 3079 K.B. or G.L.

FILING No.

FIELD or POOL Justice
WELL No. Ida Wimberly #4
COMPANY Amerada Petroleum Corporation

RUN No.									
Date	8-26-58								
1st Reading	7001								
Last Reading	3279								
Feet Measured	3751								
Log. Schlum.	3732								
Log. Driller	3269								
Depth Reached	7002								
Bottom Driller	7002								
Depth Datum	KB 11' Above GL								
Method Nat.	Chem-Gel								
Mud Wts. Visc.	9.4 37								
Mud Resist.	.3 @ 82°	@	°	@	°	@	°	@	°
Res. BHT	.7 @ 108°	@	°	@	°	@	°	@	°
Mud Res	.4 @ 108°	@	°	@	°	@	°	@	°
Rmc	@	@	°	@	°	@	°	@	°
Mud pH	9 @	@	°	@	°	@	°	@	°
Fluid Loss	9 cc 30 min.	cc 30 min.		cc 30 min.		cc 30 min.		cc 30 min.	
Bit Size	8 3/4"								
Hrs.—AM	16½								
AO	17½								
PM	19½								
Opr. Rig Time	12¼ hrs.								
Truck No.	529 Robin								
Recorded By	Wilson								
Witness	Moore								

REMARKS

SCHLUMBERGER WELL SURVEYING CORPORATION

SIMULTANEOUS

Gamma Ray-Neutron

COMPANY ANDERSON-PRITCHARD OIL CORP.
WELL CARLSON #1
FIELD JUSTICE
LOCATION SEC. 23, T-25-S R-37-E
COUNTY LEA
STATE NEW MEXICO

Other Surveys: ML, I-ES

Location of Well: 660' FSL 330' FEL

Elevation: D.F. 3006 K.B. or G.L.

FILING No.

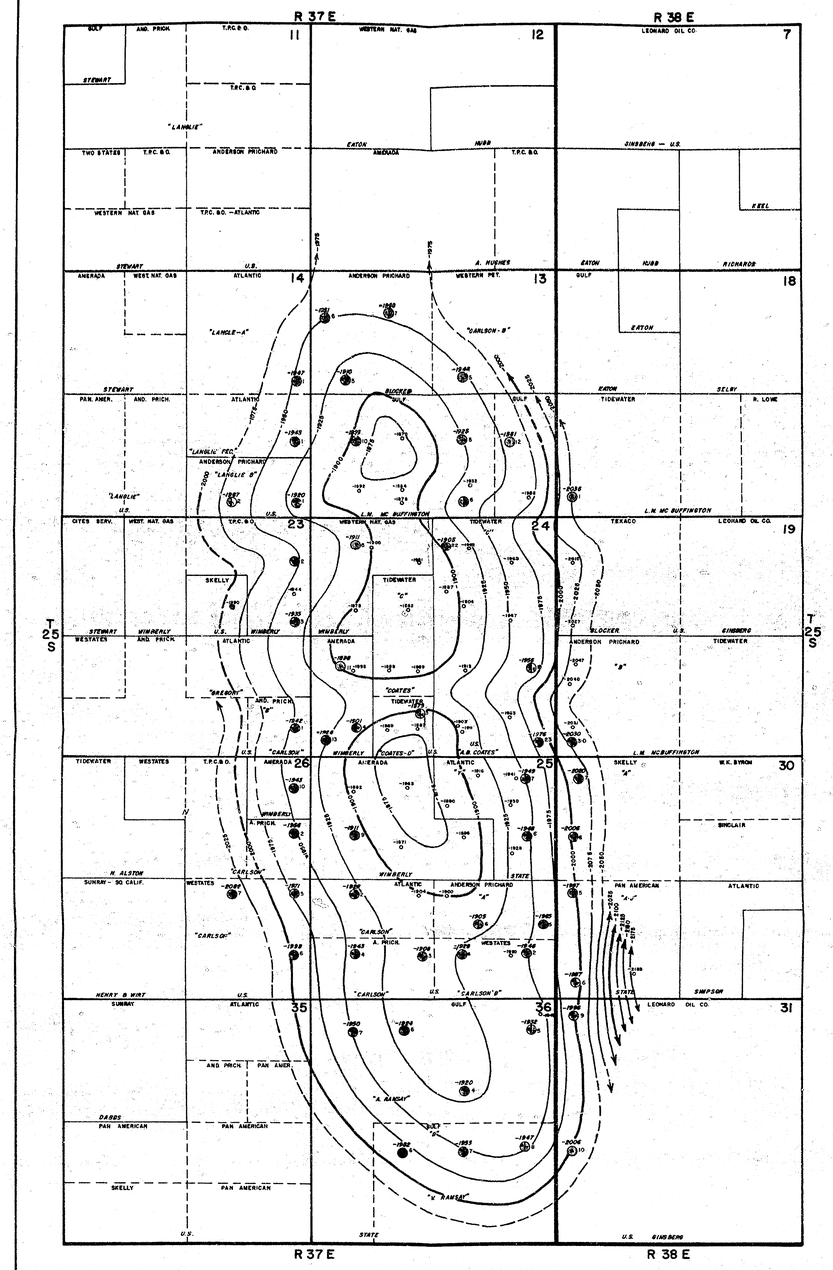
COUNTY LEA
FIELD or POOL JUSTICE
WELL No. CARLSON #1
COMPANY ANDERSON-PRITCHARD

Log Depths Measured From KB 12.2 Ft. above 7" CASING FLANGE

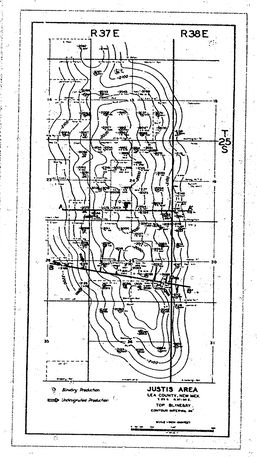
RUN NO.	
Date	7-1
First Reading	59
Last Reading	1
Footage Measured	58
Max. Depth Reached	5
Bottom Driller	5
Maximum Temp. °F.	
Fluid Nature	GEL CHEM
Fluid Level	FULL
Casing Size	13-3/8 in.
Casing Weight	lb. SURF 566
Casing Size	9-5/8 in.
Casing Weight	lb. SURF @ 3334
Bit Size	8-3/4 in. 3334 to 5961
Bit Size	in. to
No. Counters Used	1 SCINT: 1 GM
Type Equipment	GNGM -C
Type Panel	GNP - G
Opr. Rig Time	9 HOURS
Truck No.	1548-KERMIT
Observer	HOPPER - McKAY
Witness	CHESTER

BEFORE THE OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO
CASE NO. 1746
EXHIBIT NO. 3

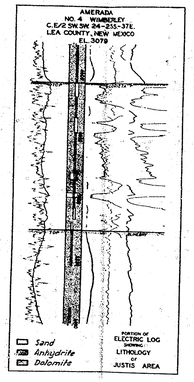
W.R.H.C.P. MICROGRAPHICS
BEST AVAILABLE COPY

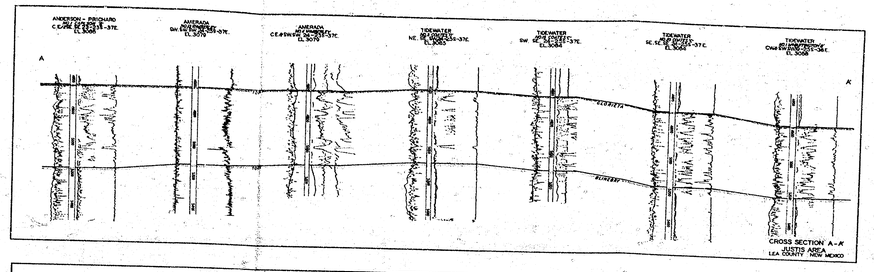


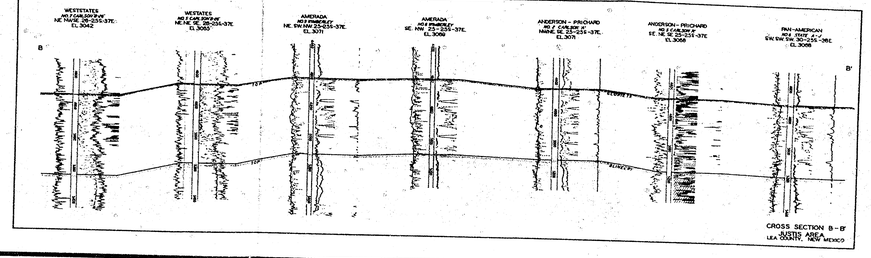
N.M.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY











JUSTIS AREA
LEA COUNTY,
NEW MEXICO

AMERADA
PETROLEUM
CORPORATION

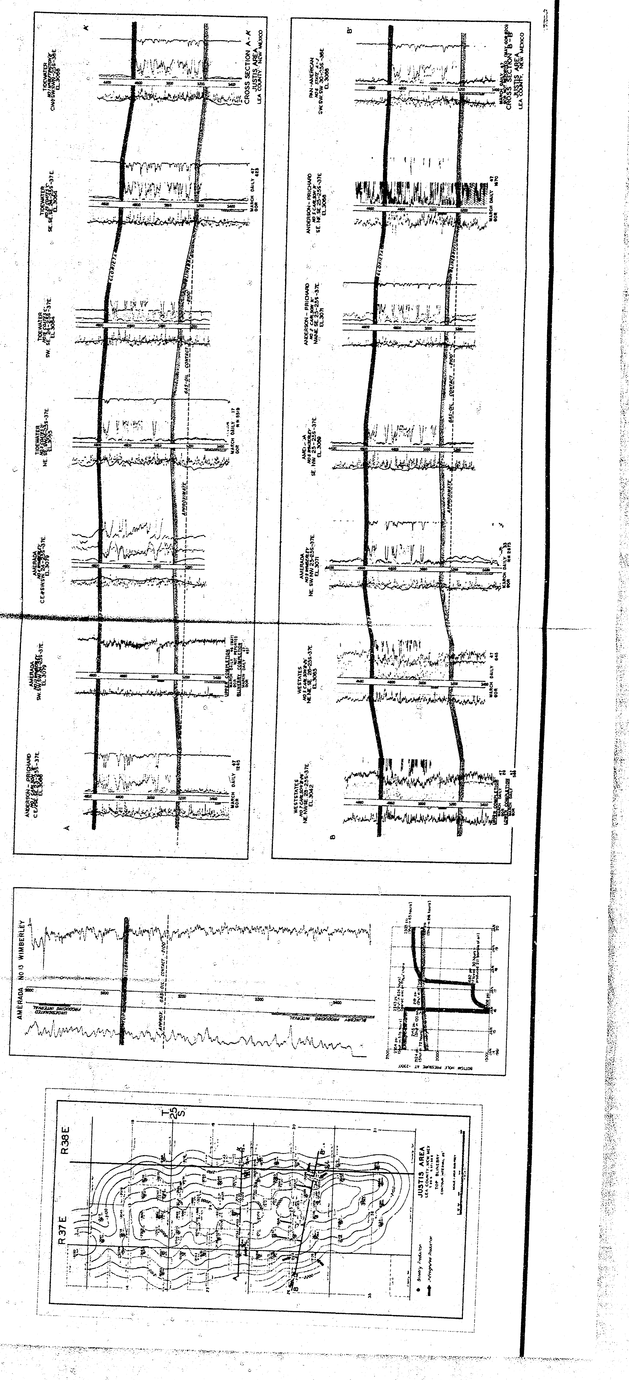
EXHIBIT I

V.V.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

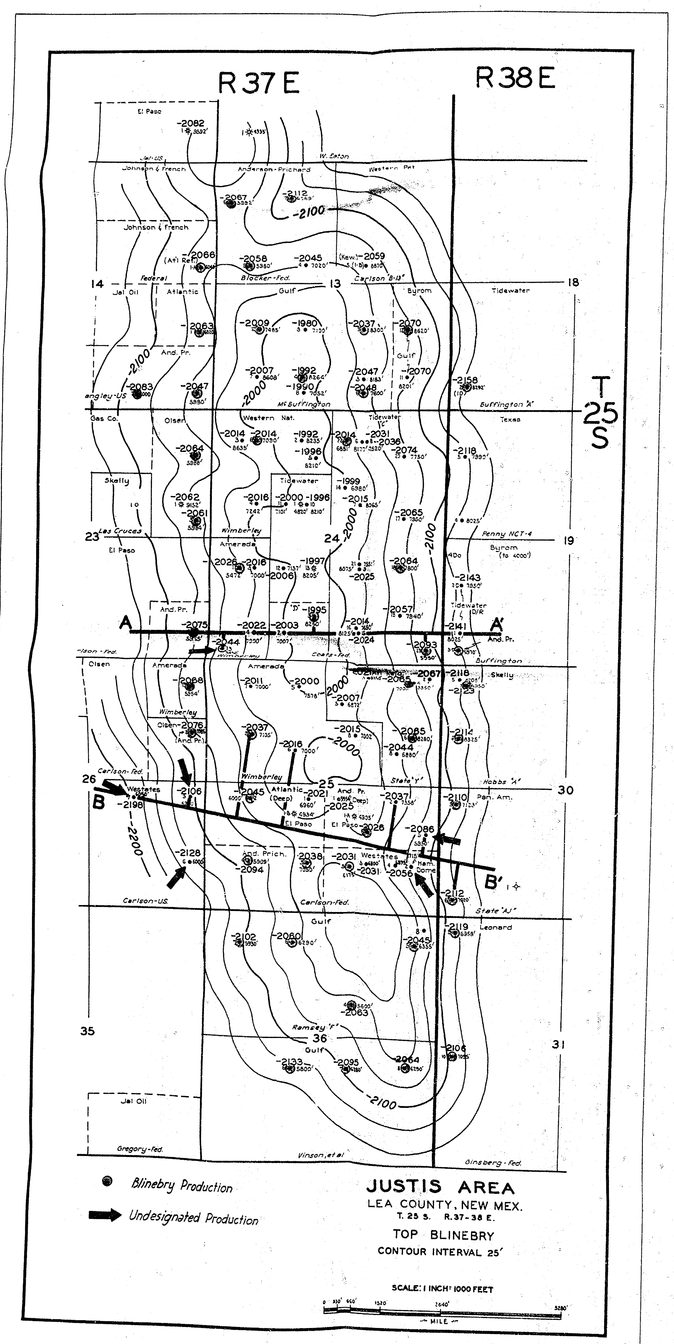
JUSTIS AREA
LEA COUNTY
NEW MEXICO

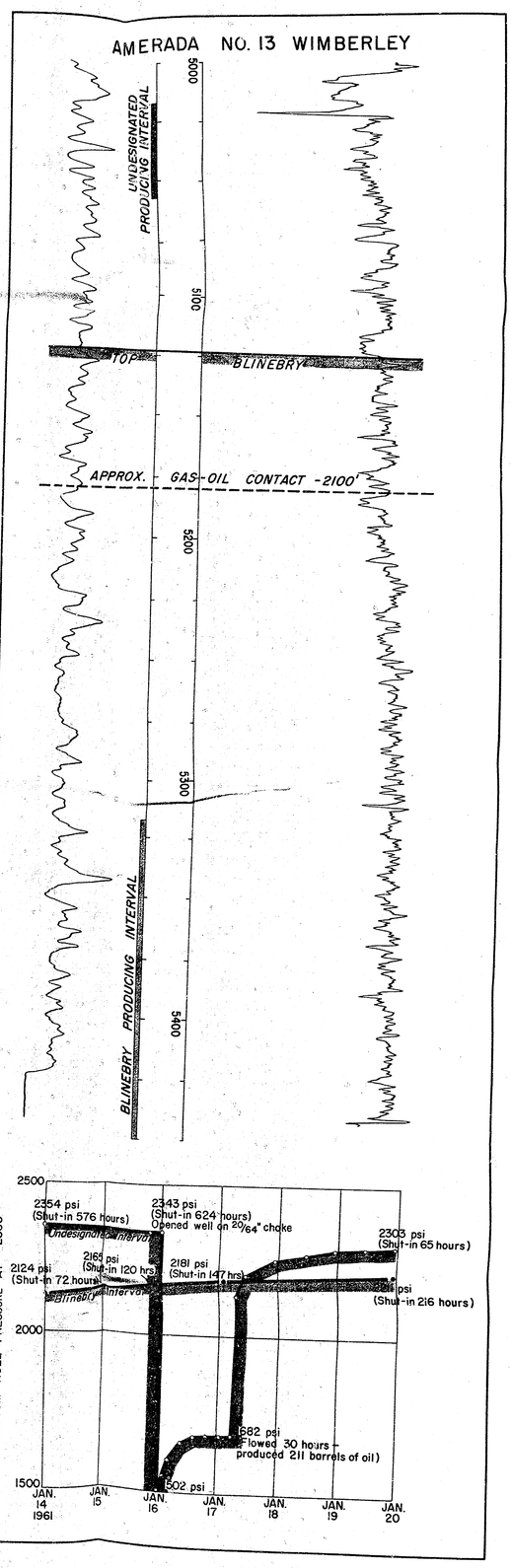
AMERADA
PETROLEUM
CORPORATION

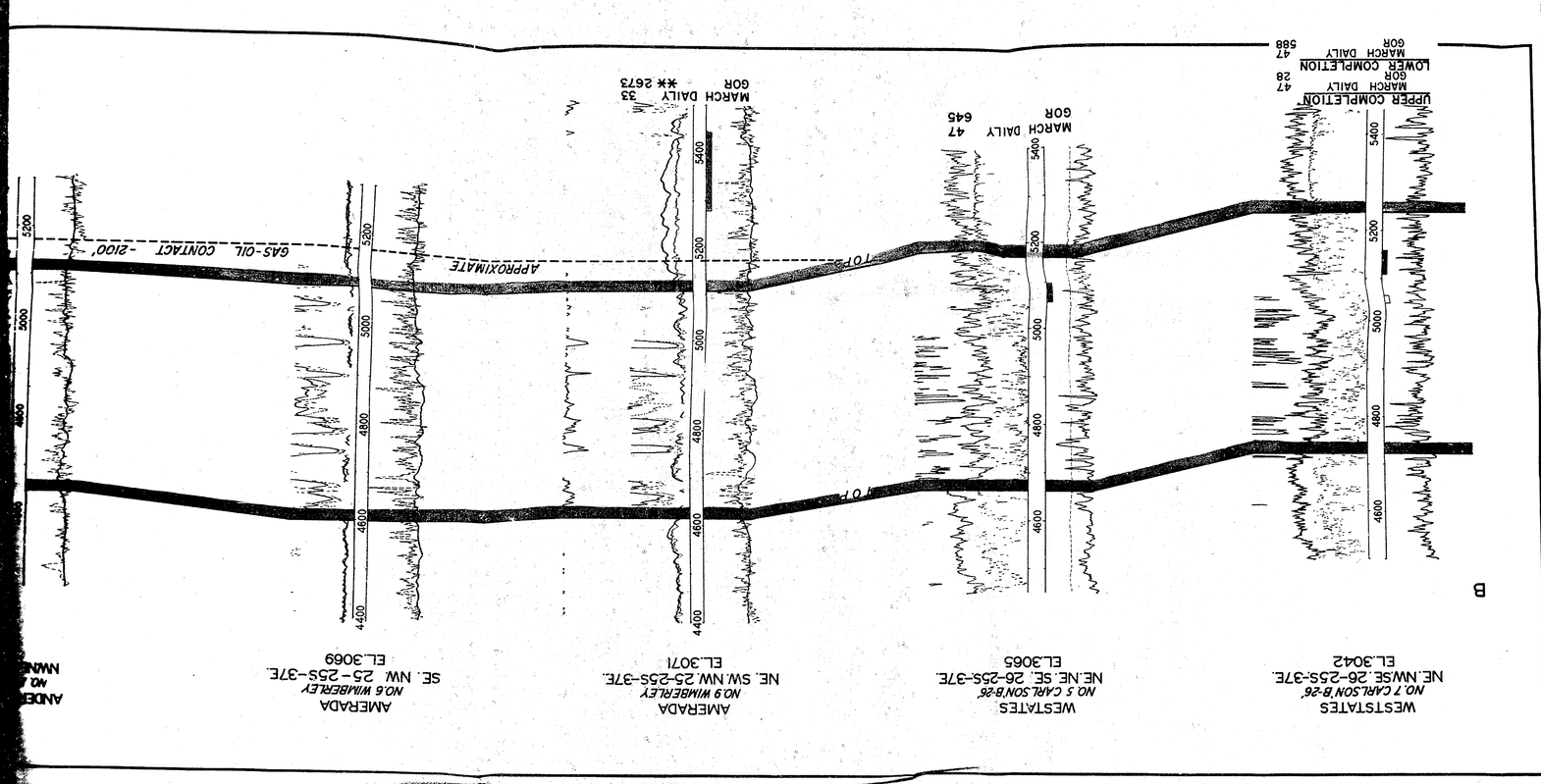
EXHIBIT II

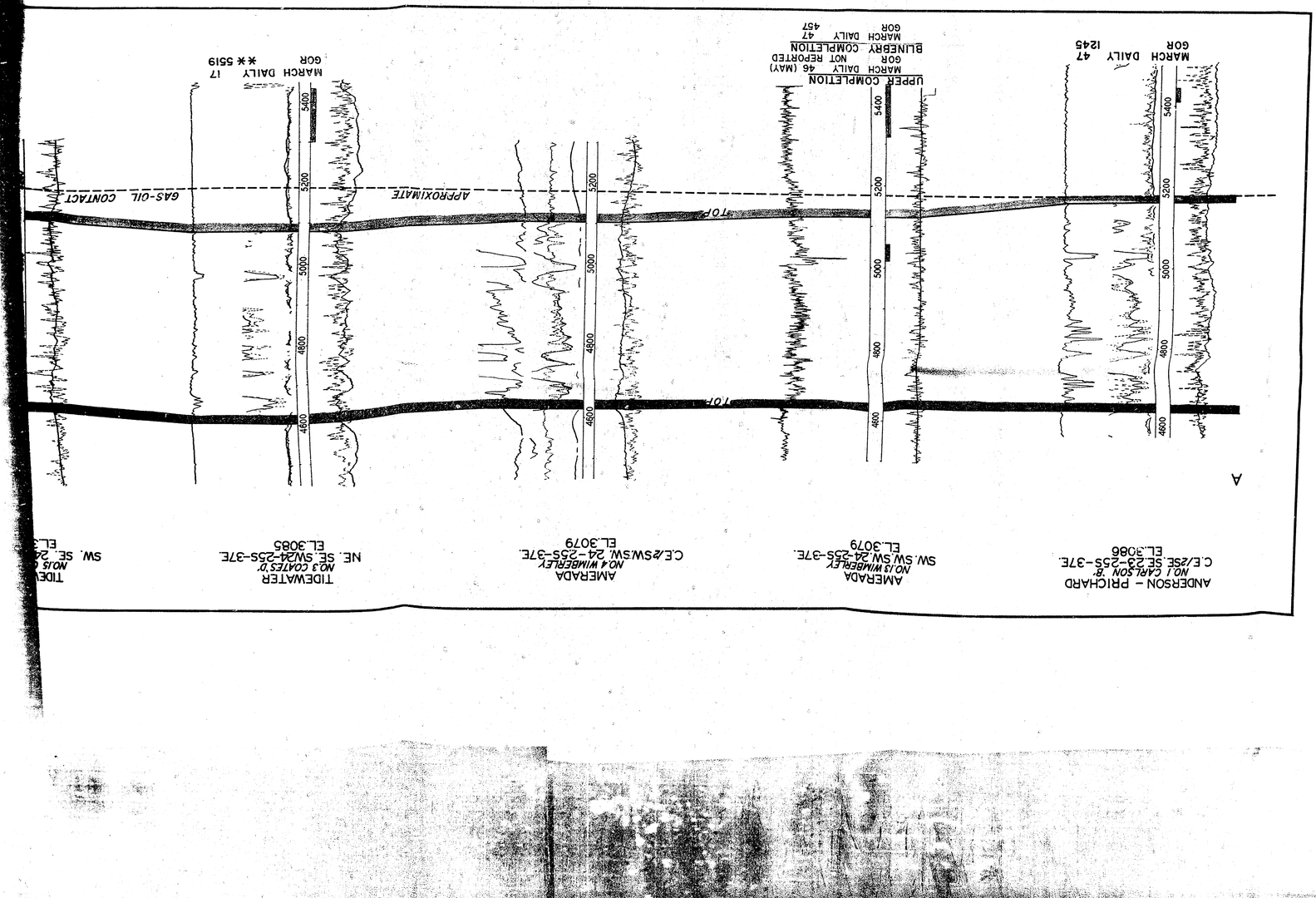


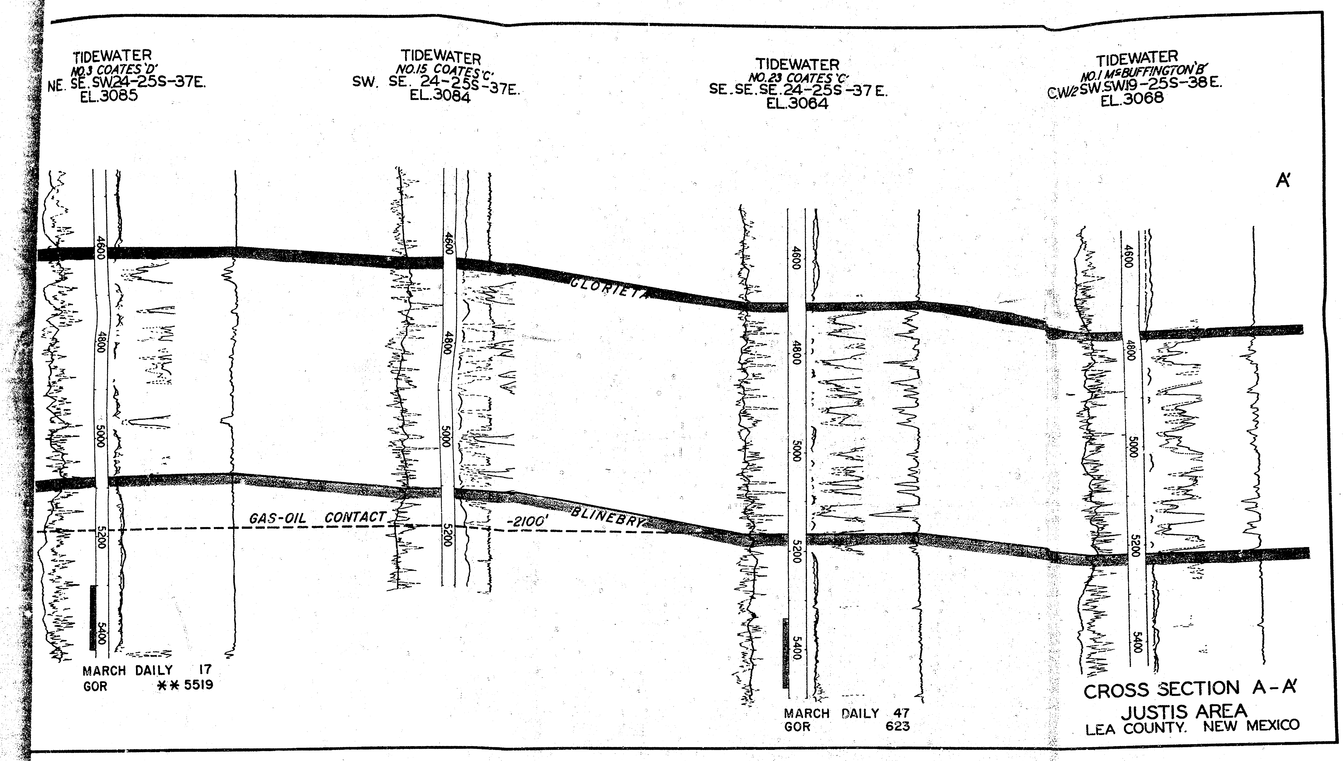
I.N.A.H. FOTOGRAFIAS
MEXICO, D.F.


R37E
R38E
T 25 S
A
A'
B
B'
Blinebry Production
Undesignated Production
JUSTIS AREA
LEA COUNTY, NEW MEX.
T. 25 S. R. 37-38 E.
TOP BLINEBRY
CONTOUR INTERVAL 25'
SCALE: 1 INCH = 1000 FEET
MILE

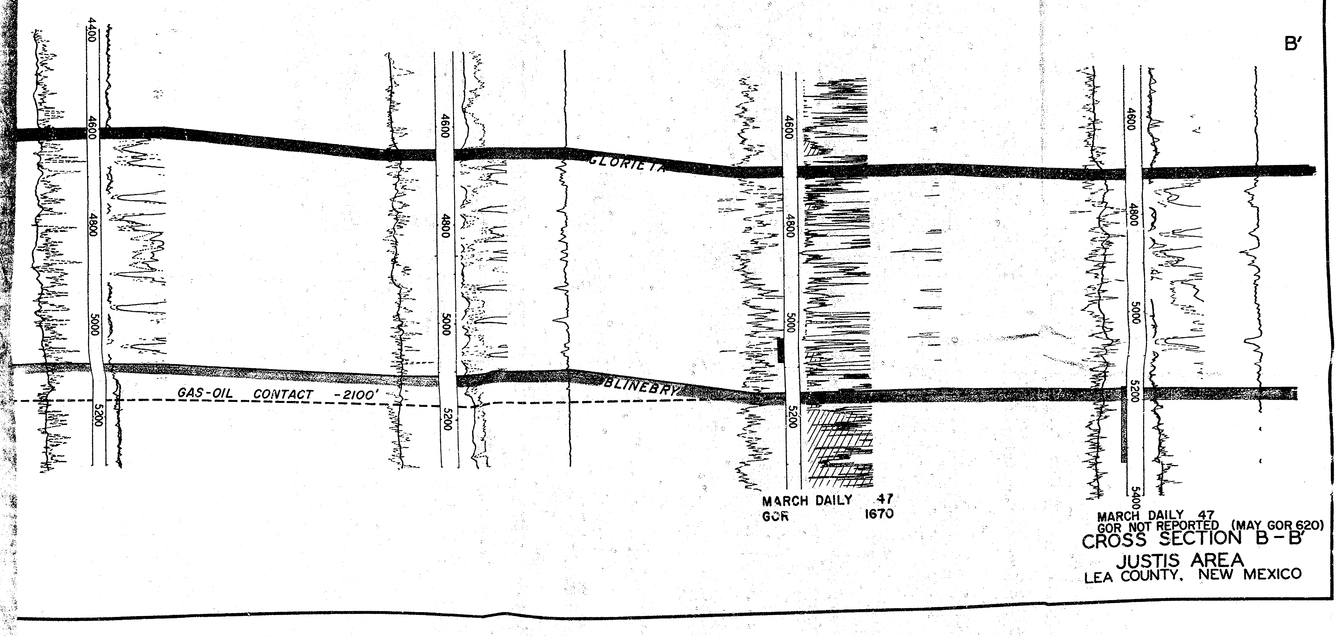

AMERADA NO. 13 WIMBERLEY
UNDESIGNATED PRODUCING INTERVAL
TOP BLINEBRY
APPROX. GAS-OIL CONTACT -2100'
BLINEBRY PRODUCING INTERVAL
5000
5100
5200
5300
5400
BOTTOM HOLE PRESSURE AT -2300'
2500
2000
1500
2354 psi (Shut-in 576 hours)
2343 psi (Shut-in 624 hours) Opened well on 20/64" choke
2303 psi (Shut-in 65 hours)
2165 psi (Shut-in 120 hrs.)
2181 psi (Shut-in 147 hrs.)
2124 psi (Shut-in 72 hours)
(Shut-in 216 hours)
682 psi Flowed 30 hours - produced 211 barrels of oil)
502 psi
JAN. 14 1961
JAN. 15
JAN. 16
JAN. 17
JAN. 18
JAN. 19
JAN. 20


B
WESTSTATES
NO. 7 CARLSON B-26'
NE. NW SE. 26-25S-37E.
EL.3042
UPPER COMPLETION
MARCH DAILY
47
28
GOR
LOWER COMPLETION
MARCH DAILY
47
588
GOR
MARCH DAILY
47
645
GOR
WESTATES
NO. 5 CARLSON B-26'
NE. NE. SE. 26-25S-37E.
EL.3065
AMERADA
NO. 9 WIMBERLEY
NE. SW. NW. 25-25S-37E.
EL.3071
MARCH DAILY
33
** 2673
GOR
AMERADA
NO. 6 WIMBERLEY
SE. NW. 25-25S-37E.
EL.3069
TOP
APPROXIMATE
GAS-OIL CONTACT -2100'
5200
5000
4800
4600
5400
4400


A
ANDERSON - PRICHARD
NO. 1 CARLSON 'B'
C.E/2SE. SE. 23-25S-37E.
EL.3086
AMERADA
NO. 13 WIMBERLEY
SW. SW. SW. 24-25S-37E.
EL.3079
AMERADA
NO. 4 WIMBERLEY
C.E/2 SW. SW. 24-25S-37E.
EL.3079
TIDEWATER
NO. 3 COATES 'D'
NE. SE. SW. 24-25S-37E.
EL.3085
MARCH DAILY
47
1245
GOR
UPPER COMPLETION
MARCH DAILY
46 (MAY)
NOT REPORTED
GOR
BLINEBRY COMPLETION
MARCH DAILY
47
457
GOR
MARCH DAILY
17
** 5519
GOR
TOP
APPROXIMATE
GAS-OIL CONTACT
5200
5000
4800
4600
5400



CROSS SECTION A-A'
JUSTIS AREA
LEA COUNTY. NEW MEXICO



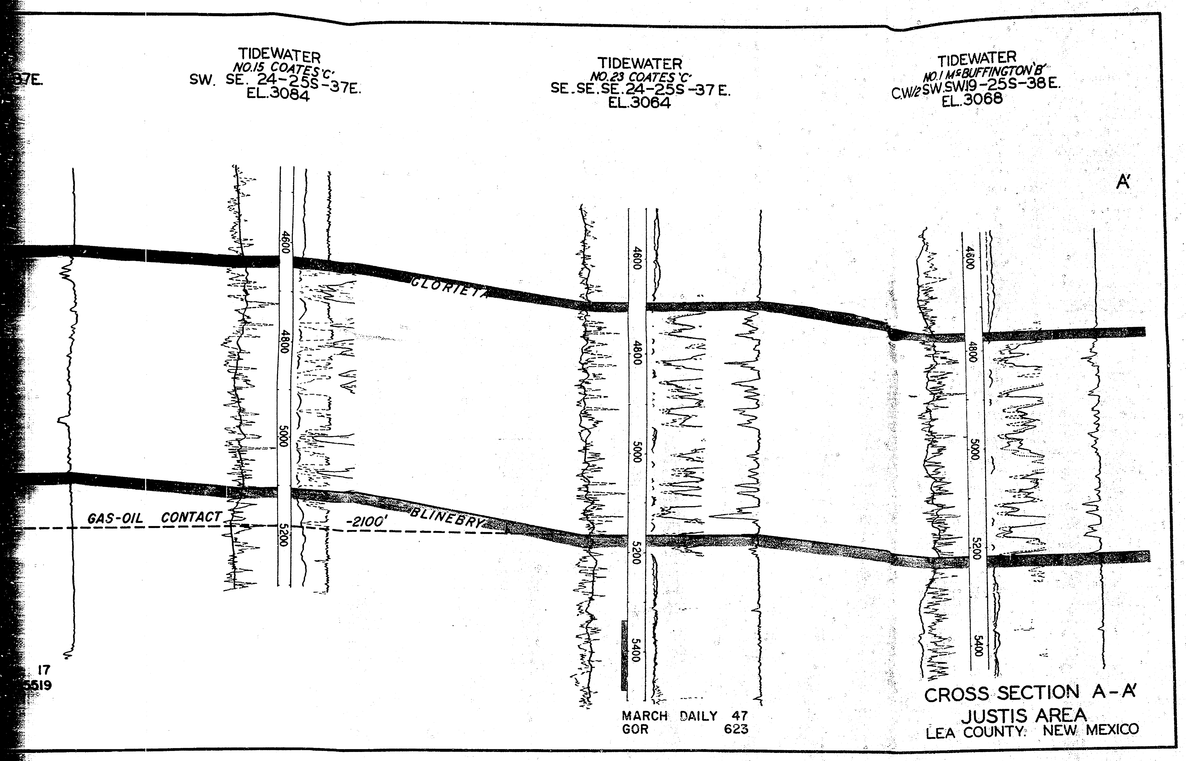
CROSS SECTION B-B'
JUSTIS AREA
LEA COUNTY. NEW MEXICO

Montage by
J.P. Campbell

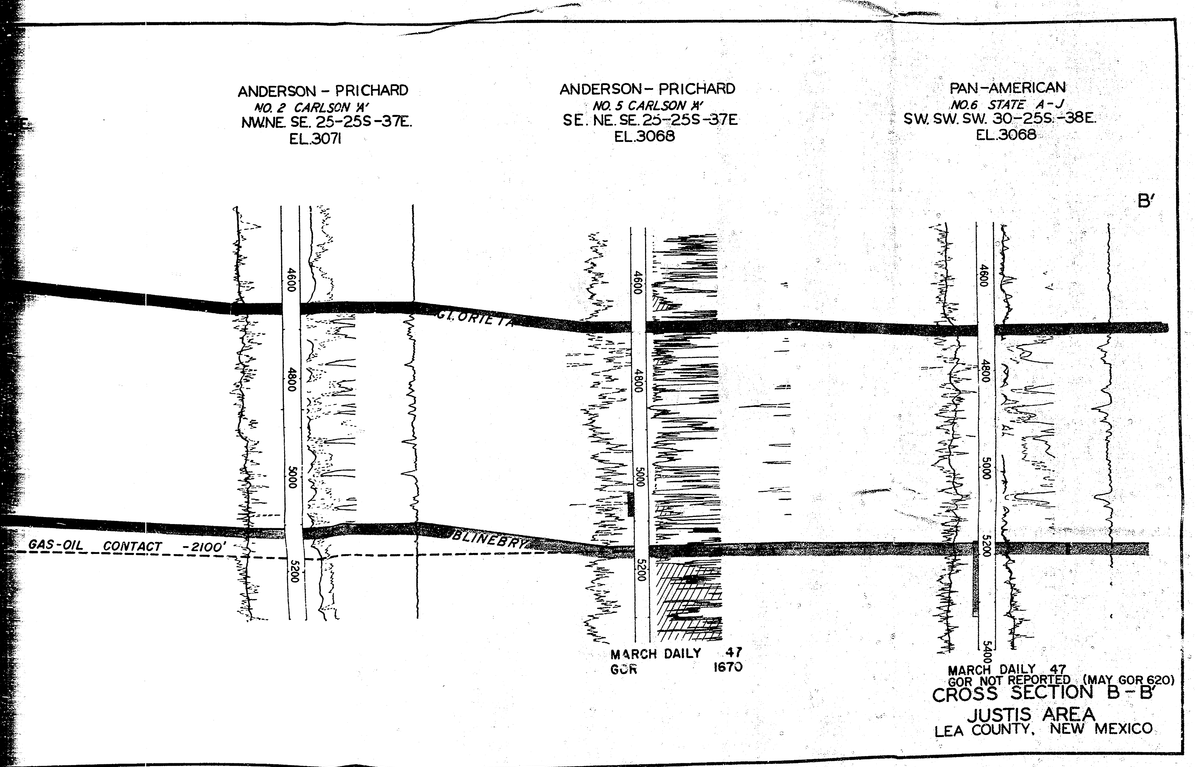
JUSTIS AR
LEA COUN
NEW MEX

AMER
PETRO
CORPOR

EXHIB



CROSS SECTION A-A'
JUSTIS AREA
LEA COUNTY, NEW MEXICO



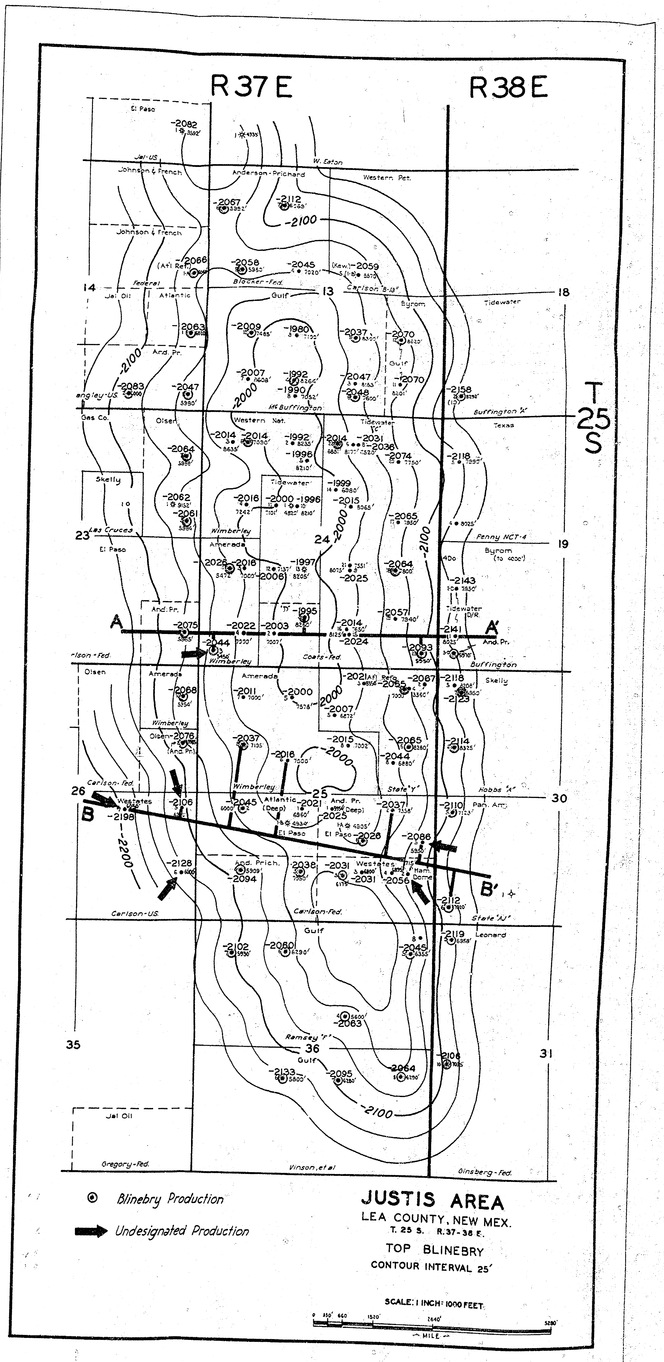
CROSS SECTION B-B'
JUSTIS AREA
LEA COUNTY, NEW MEXICO

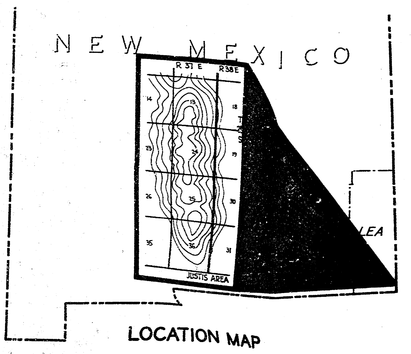
Montage by J.F. Limbert

JUSTIS AREA
LEA COUNTY,
NEW MEXICO

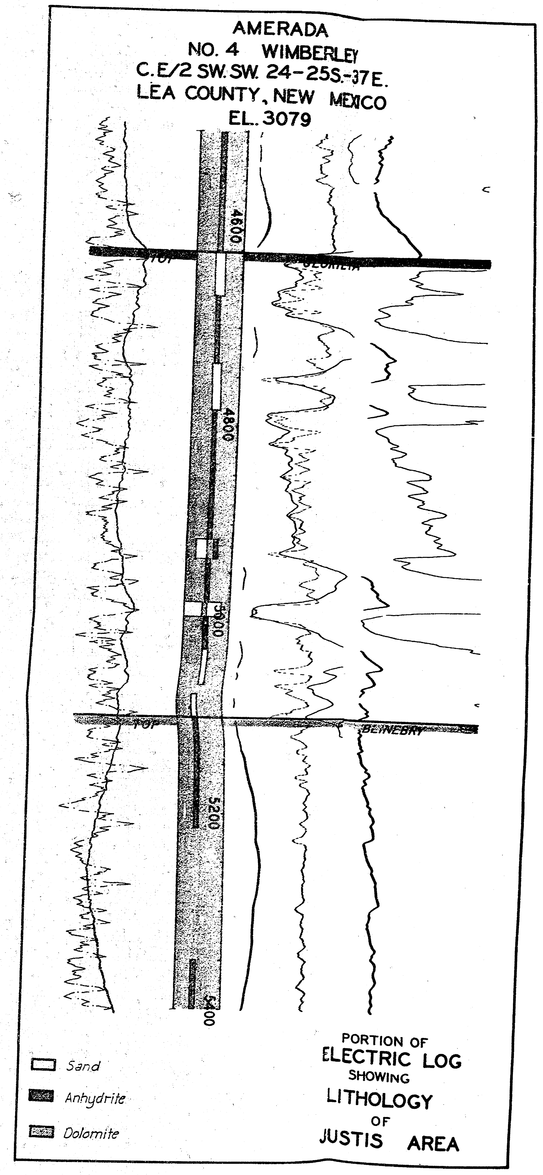
AMERADA
PETROLEUM
CORPORATION

EXHIBIT II





LOCATION MAP



PORTION OF ELECTRIC LOG SHOWING LITHOLOGY OF JUSTIS AREA

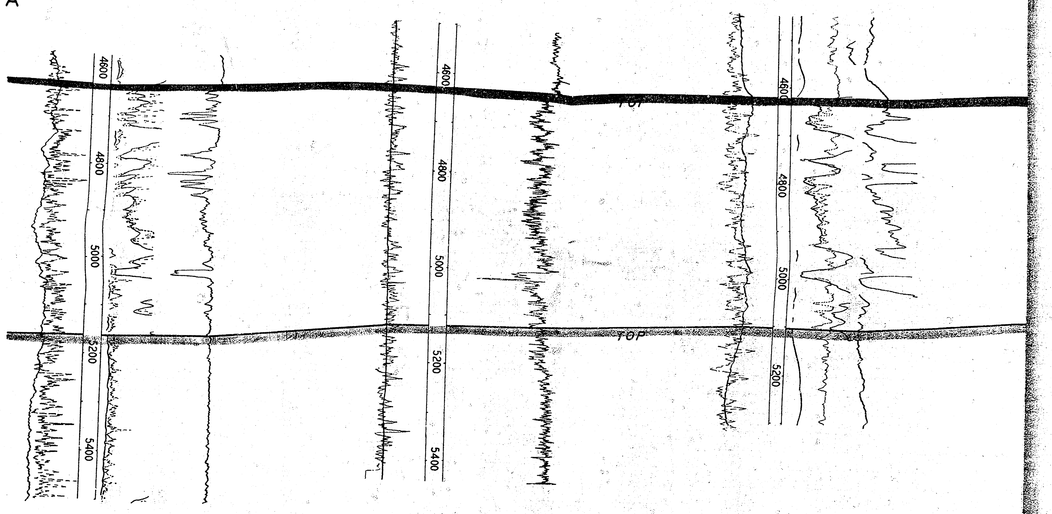
LEA PETROLEUM GEOL. MICROCARD

ANDERSON – PRICHARD
NO.1 CARLSON "B"
C.E./2SE. SE.23–25S–37E.
EL.3086

AMERADA
NO.13 WIMBERLEY
SW. SW. SW. 24–25S–37E.
EL.3079

AMERADA
NO.4 WIMBERLEY
C.E./2 SW. SW. 24–25S–37E.
EL.3079

A

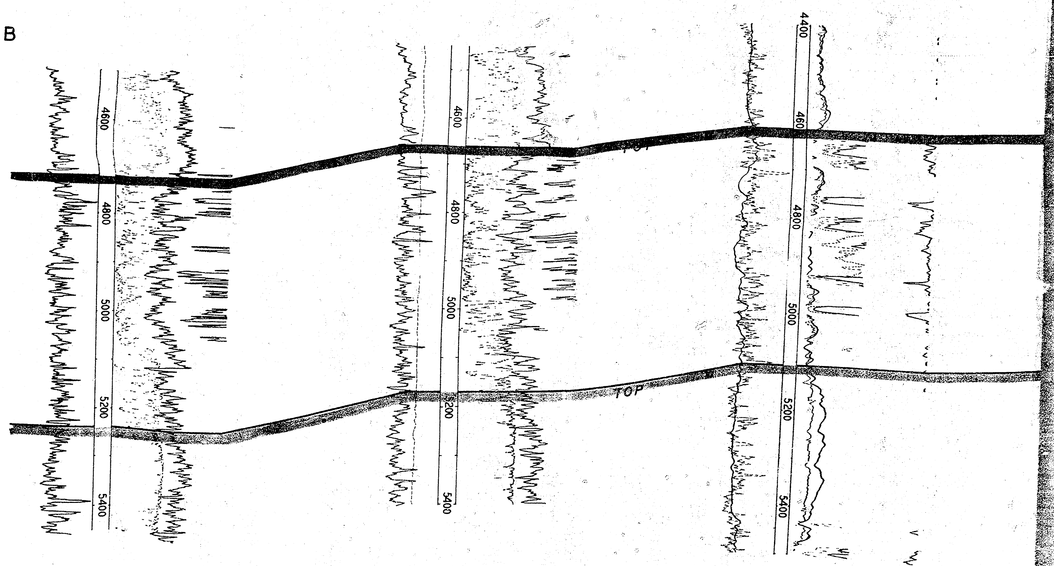


WESTSTATES
NO.7 CARLSON 'B-26'
NE. NW. SE. 26–25S–37E.
EL.3042

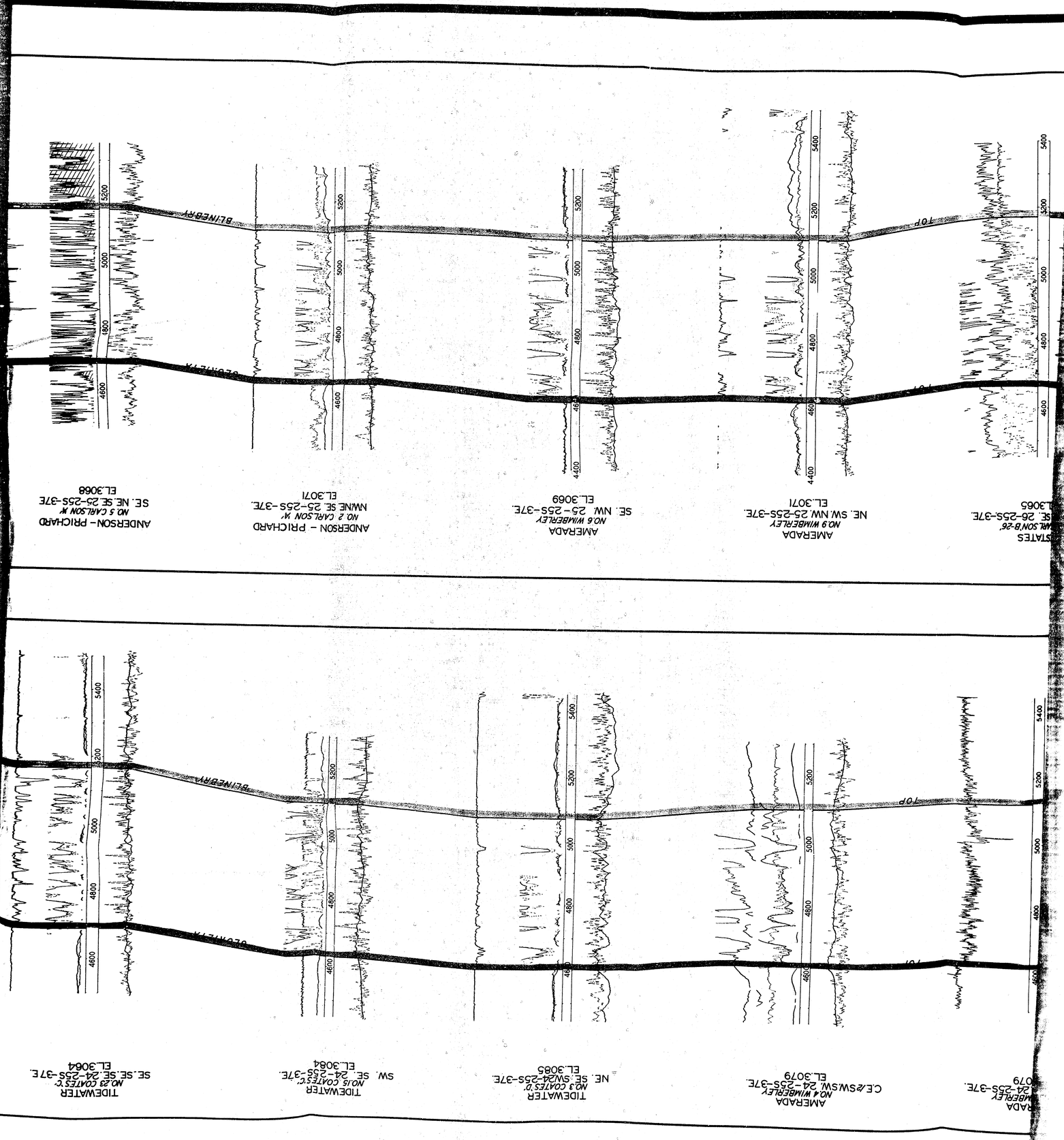
WESTATES
NO.5 CARLSON 'B-26'
NE. NE. SE. 26–25S–37E.
EL.3065

AMERADA
NO.9 WIMBERLEY
NE. SW. NW. 25–25S–37E.
EL.3071

B



U.S.N.M.G.P. HEADQUARTERS
NOT A PERMANENT COPY



AMERADA
STATE S
NO.9 WIMBERLEY
NE. SW.NW. 25-25S-37E.
EL.3071

AMERADA
NO.6 WIMBERLEY
SE. NW. 25-25S-37E.
EL.3069

ANDERSON - PRICHARD
NO. 2 CARLSON 'A'
NW/NE. SE. 25-25S-37E.
EL.3071

ANDERSON- PRICHARD
NO. 5 CARLSON 'A'
SE. NE. SE. 25-25S-37E
EL.3068

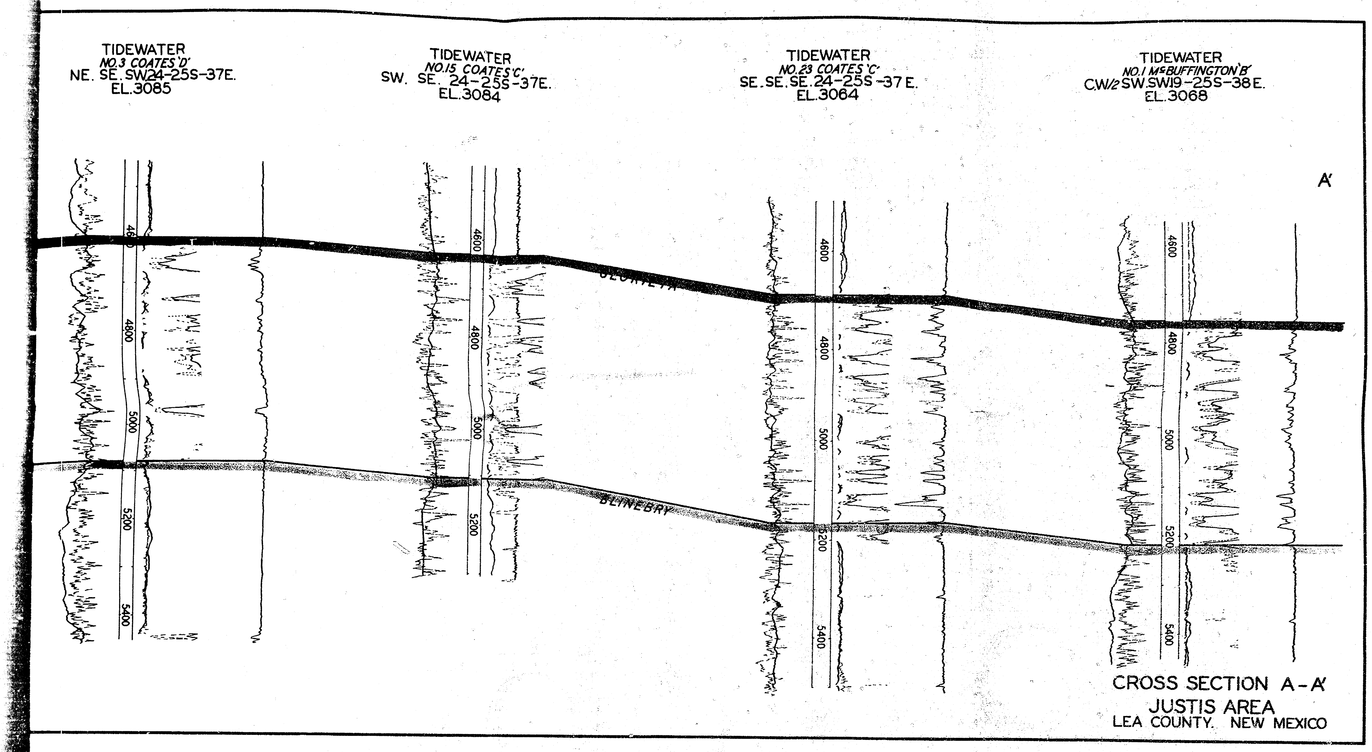
TIDEWATER
NO.23 COATES 'C'
SE. SE. SE. 24-25S-37E.
EL.3064

TIDEWATER
NO.16 COATES 'C'
SW. SE. 24-25S-37E.
EL.3084

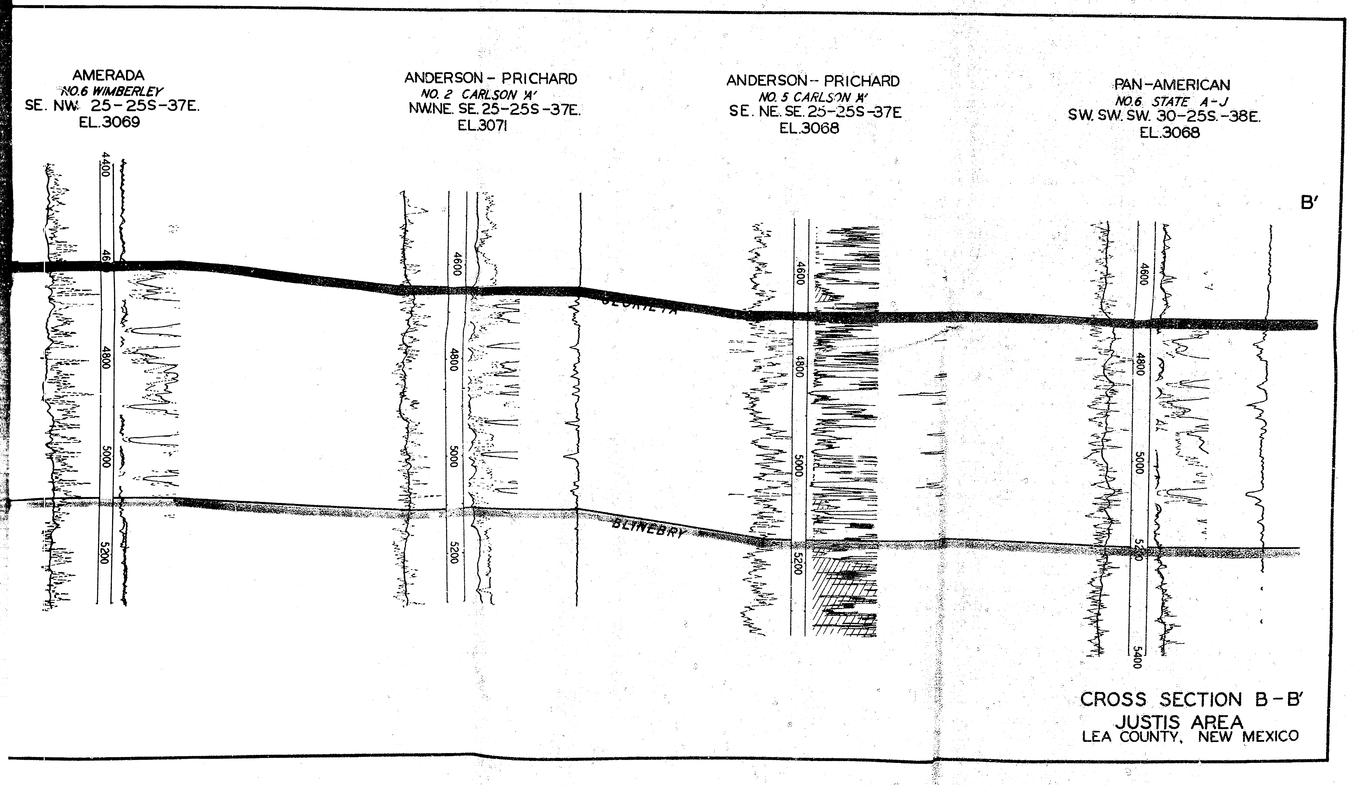
TIDEWATER
NO.3 COATES 'D'
NE. SE. SW24-25S-37E.
EL.3085

AMERADA
NO.4 WIMBERLEY
C.E.½SW.SW. 24-25S-37E.
EL.3079

RADA
WIMBERLEY
24-25S-37E.
079



CROSS SECTION A-A'
JUSTIS AREA
LEA COUNTY, NEW MEXICO



CROSS SECTION B-B'
JUSTIS AREA
LEA COUNTY, NEW MEXICO

JUSTIS AREA
LEA COUNTY,
NEW MEXICO

AMERADA
PETROLEUM
CORPORATION

EXHIBIT I