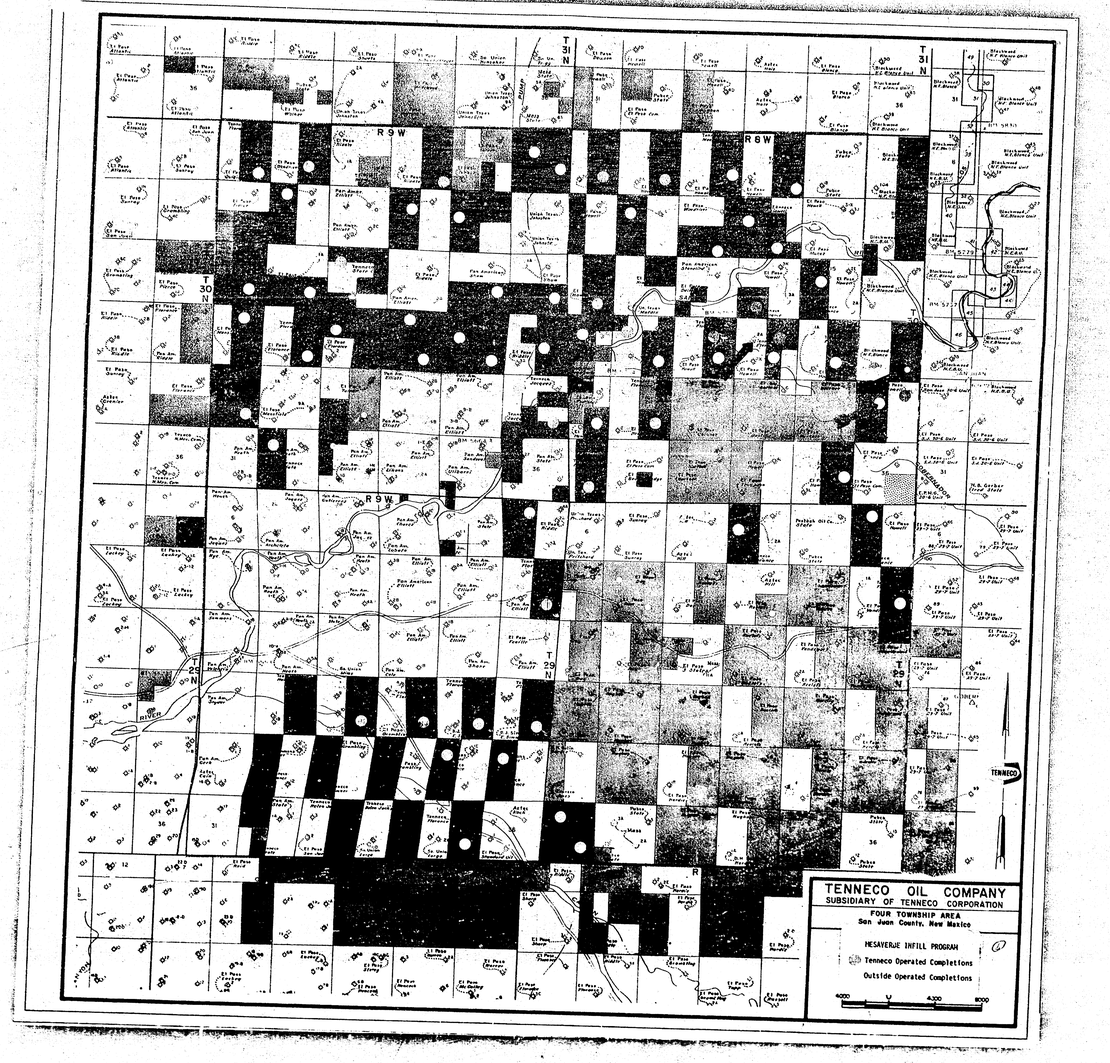
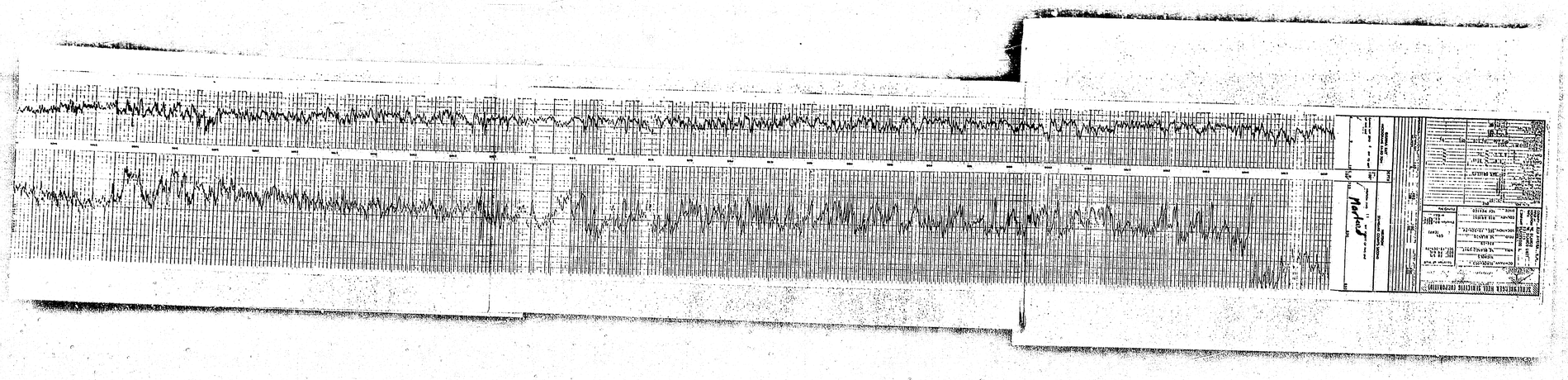
Case No
5994

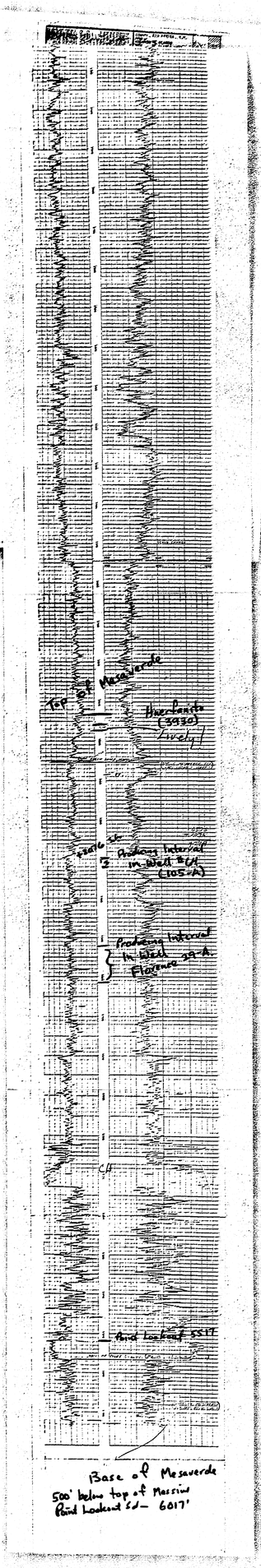
Large Exhibits

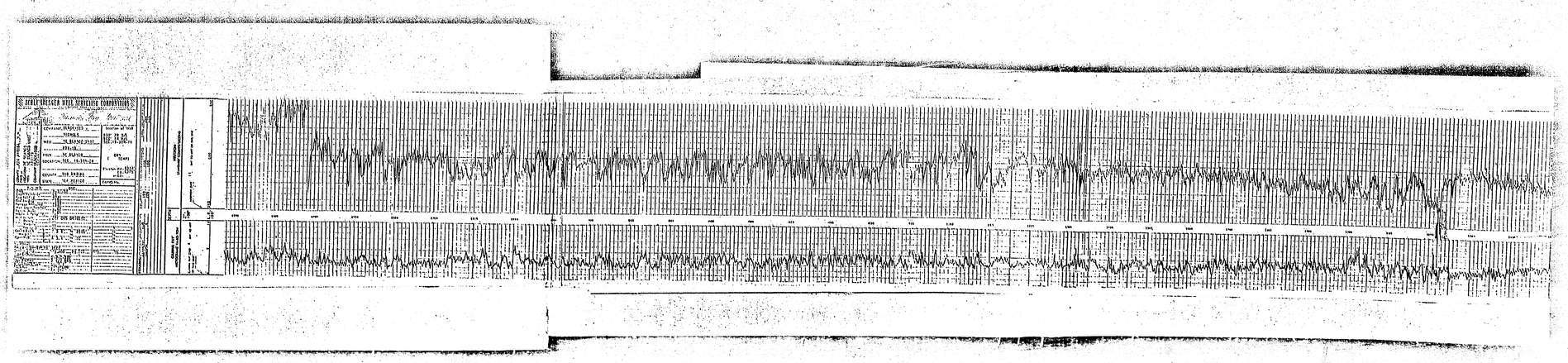
U.S.B.C.F. MICROGRAPHICS



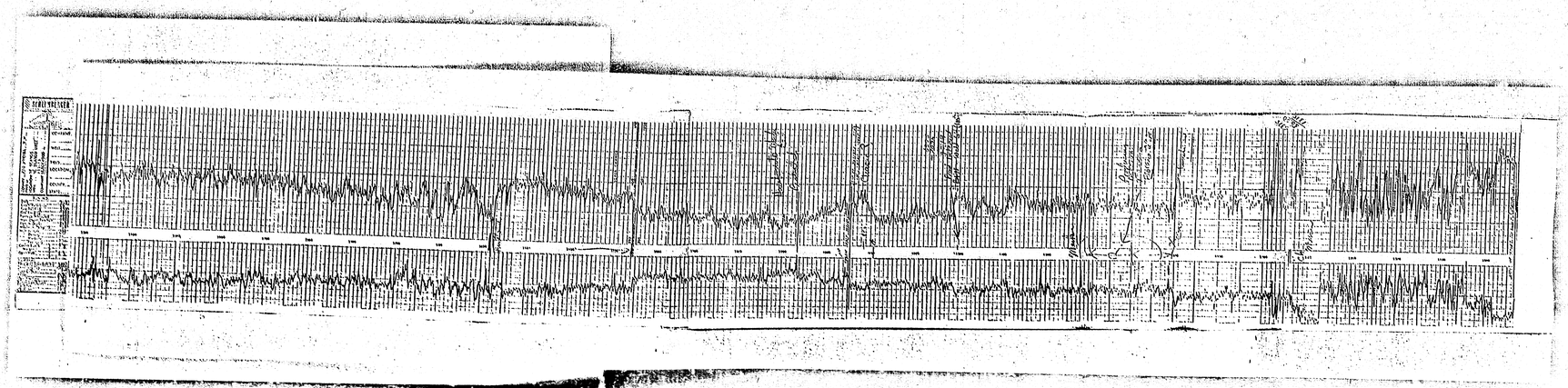
V.R.R.C.F. MICROGRAPHICS
BEST AVAILABLE COPY




Top of Mesaverde
Huerfanito (3930)
Lively
Producing Interval in Well #1A (105-A)
Producing Interval in Well #2-A Florance
Point Lookout 5517
Base of Mesaverde
500' below top of Massive
Point Lookout SS — 6017'

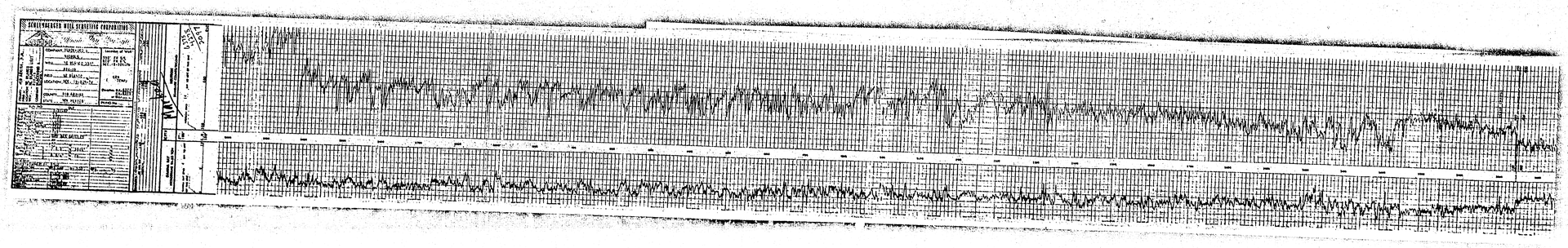


V.N.N.C.P. MICROGRAPHICS

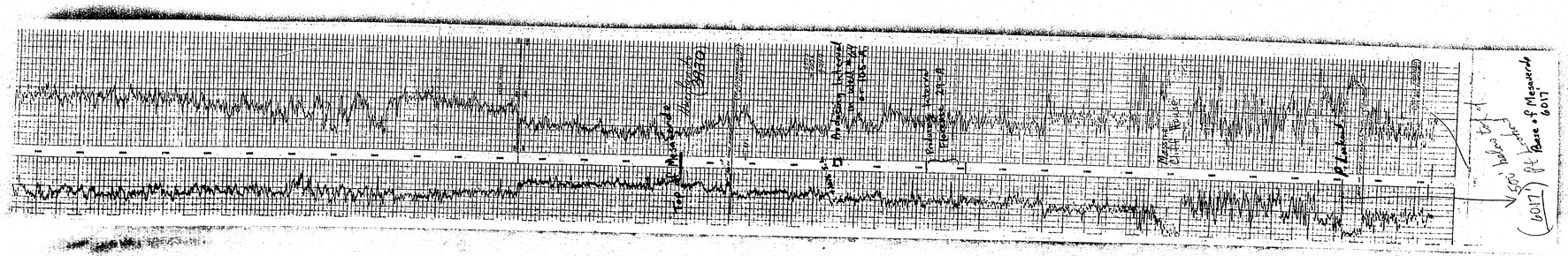


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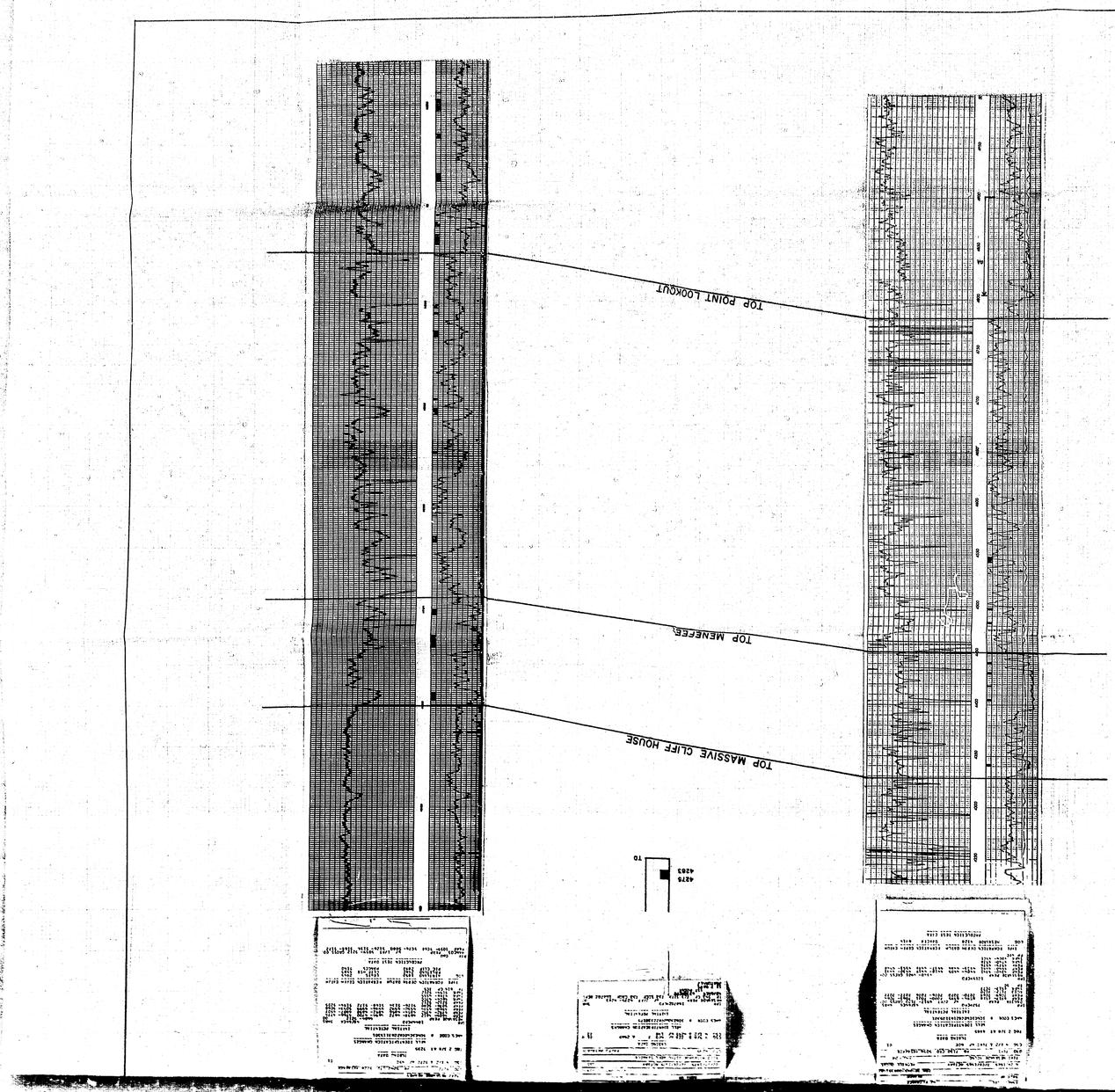
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V.R.N.C.F. MICROGRAPHICS



V.E.B.C.F. MICROGRAVIOS



U.S.N.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 5777 Exhibit No. 3
Submitted by TEXACO
Hearing Date

STRUCTURAL SECTION

W E

FLORANCE 40
21G 30N 8W
KB 5820

HOWELL K 2-A
22F 30N 8W
KB 5864

FLORANCE 45
22G 30N 8W
KB 6020

(3)

4275
4283
TD

TOP MASSIVE CLIFF HOUSE

TOP MENEFEE

TOP POINT LOOKOUT

SW

NE

1 2 3 4 5 6 7 8

FRUITLAND FORMATION

TOP OF PICTURED CLIFFS SS.

DATUM

HUERFANITO BENTONITE MARKER

TOP OF MESAVERDE GROUP

750'

500'

MESAVERDE PRODUCING INTERVAL

TOP OF POINT LOOKOUT SS.

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
Petitioner's Exhibit No. 13
CASE No. 5894
Submitted by: Blackwood
Heard: 7/20/77

BLACKWOOD & NICHOLS CO. LTD.

MESAVERDE STRATIGRAPHIC CROSS-SECTION

TOWNSHIP 30 NORTH RANGES 7 & 8 WEST

SAN JUAN & RIO ARRIBA COS., NEW MEXICO

SCALE: HORIZONTAL 1"= 400'
VERTICAL 1"= 200'

JULY, 1977

V.R.H.C.P. MICROGRAPHICS

A

EL PASO
HOWELL L #4A
SEC. 34, T30N - R8W
SAN JUAN CO., NEW MEXICO
INDUCTION GAMMA RAY LOG

LIVELY EXPLORATION CO.
LIVELY #7Y
SEC. 35, T30N - R8W
SAN JUAN CO., NEW MEXICO
INDUCTION GAMMA RAY LOG

EL PASO
GARTNER #7
SEC. 26, T30N - R8W
SAN JUAN CO., NEW MEXICO
ELECTRICAL LOG

EL PASO
GARTNER #8
SEC. 26, T30N - R8W
SAN JUAN CO., NEW MEXICO
RADIOACTIVITY LOG

SA

HUERFANITO BENTONITE

CLIFFHOUSE

MENEFEE

PT. LOOKOUT

MANCOS

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

A'

TENNECO OIL
FLORANCE #29-A
SEC. 25, T30N - R8W
N JUAN CO., NEW MEXICO

BLACKWOOD & NICHOLS
NE BLANCO UNIT #64
SEC. 24, T30N - R8W
SAN JUAN CO., NEW MEXICO

SAN JUAN PROD. CO.
HOWELL #2L
SEC. 25, T30N - R8W
SAN JUAN CO., NEW MEXICO

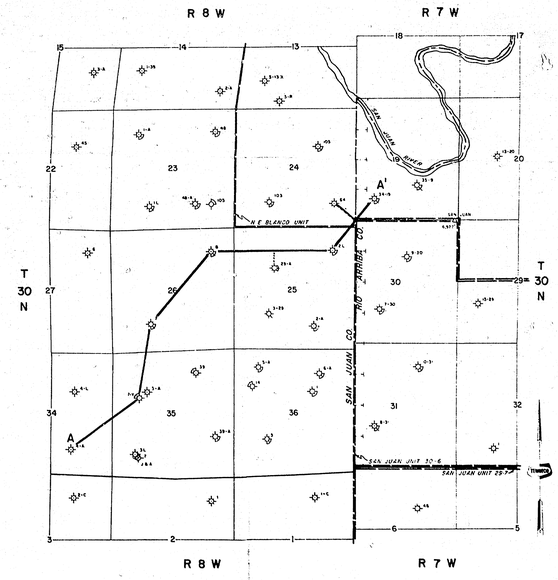
BLACKWOOD & NICHOLS
NE BLANCO UNIT #34-19
SEC. 19, T30N - R7W
RIO ARRIBA CO., NEW MEXICO

ELECTRICAL LOG

GAMMA RAY - NEUTRON LOG

OPEN HOLE
COMPLETION
4410-4503

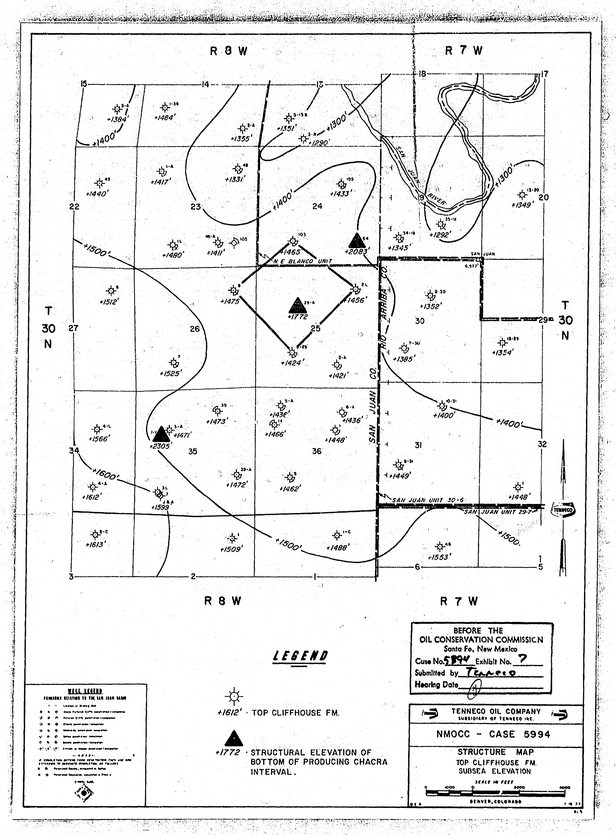
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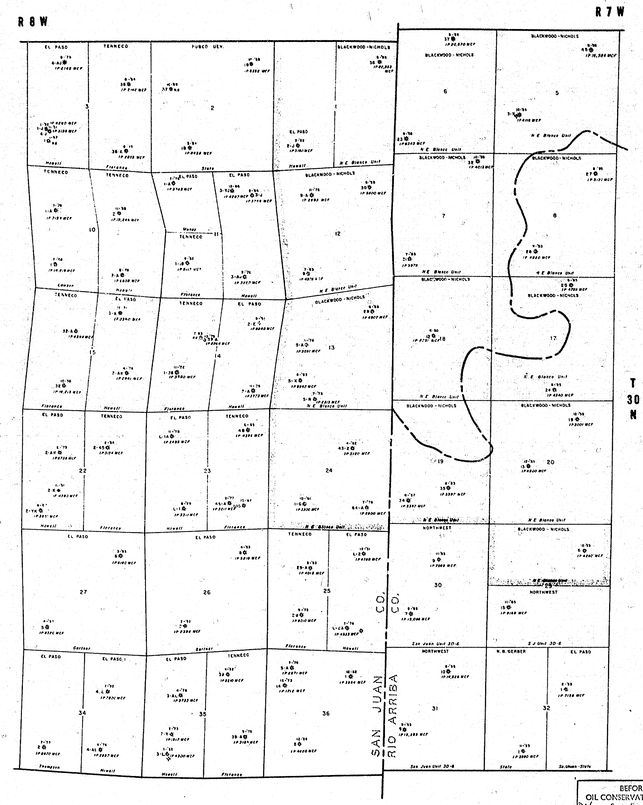


BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 5994 Exhibit No. 6
Submitted by: Pennzoil
Hearing Date:

NMOCC - CASE 5994
STRATIGRAPHIC CROSS SECTION
HUERFANITO BENTONITE THROUGH
POINT LOOKOUT

U.S.N.C.P. MICROGRAPHICS


R 8 W
R 7 W
T 30 N
SAN JUAN RIVER
SAN JUAN CO.
N. E. BLANCO UNIT
SAN JUAN UNIT 30-6
SAN JUAN UNIT 29-7
TENNECO
+1400'
+1500'
+1600'
+1612'
+1772'
+2085'
+1471'
+2305'
+1595'
+1613'
+1509'
+1488'
+1553'
+1462'
+1449'
+1448'
+1436'
+1466'
+1473'
+1566'
+1523'
+1518'
+1480'
+1417'
+1440'
+1394'
+1466'
+1355'
+1351'
+1290'
+1333'
+1433'
+1349'
+1298'
+1345'
+1352'
+1385'
+1354'
+1400'
+1424'
+1421'
+1472'
+1656'
+1865'
+1911'
+1505'
+1533'
+1448'
+1500'
+1488'
+1462'
+1472'
+1449'
+1436'
+1466'
+1448



BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 5774 Exhibit No. 7
Submitted by Blackwood & Nichols
Hearing Date 11-10-77

BLACKWOOD & NICHOLS,
LOCATION MAP
NORTHEAST BLANCO UNIT ~~AREA~~
SAN JUAN & RIO ARRIBA CO., NEW MEXICO

SCALE
1000 0 1000 2000
FEET

Exhibit #7

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

SW

1

2

3

4

5

6

7

8

NE

FRUITLAND FORMATION

TOP OF PICTURED CLIFFS SS.

HUERFANITO BENTONITE MARKER

TOP OF MESAVERDE GROUP

TOP OF POINT LOOKOUT SS.

DATUM

750'

500'

MESAVERDE PRODUCING INTERVAL

DATUM

750'

500'

MESAVERDE PRODUCING INTERVAL

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 5944 Exhibit No. 9
Submitted by Blackwood Nichols
Hearing Date 11-16-77

BLACKWOOD & NICHOLS CO. LTD.

MESAVERDE STRATIGRAPHIC CROSS-SECTION

TOWNSHIP 30 NORTH RANGES 7 & 8 WEST
SAN JUAN & RIO ARRIBA COS., NEW MEXICO

SCALE: HORIZONTAL 1"=1000'
VERTICAL 1"=200'

JULY, 1977

Exh. # 8

U.N.M.C.F. MICROGRAPHICS

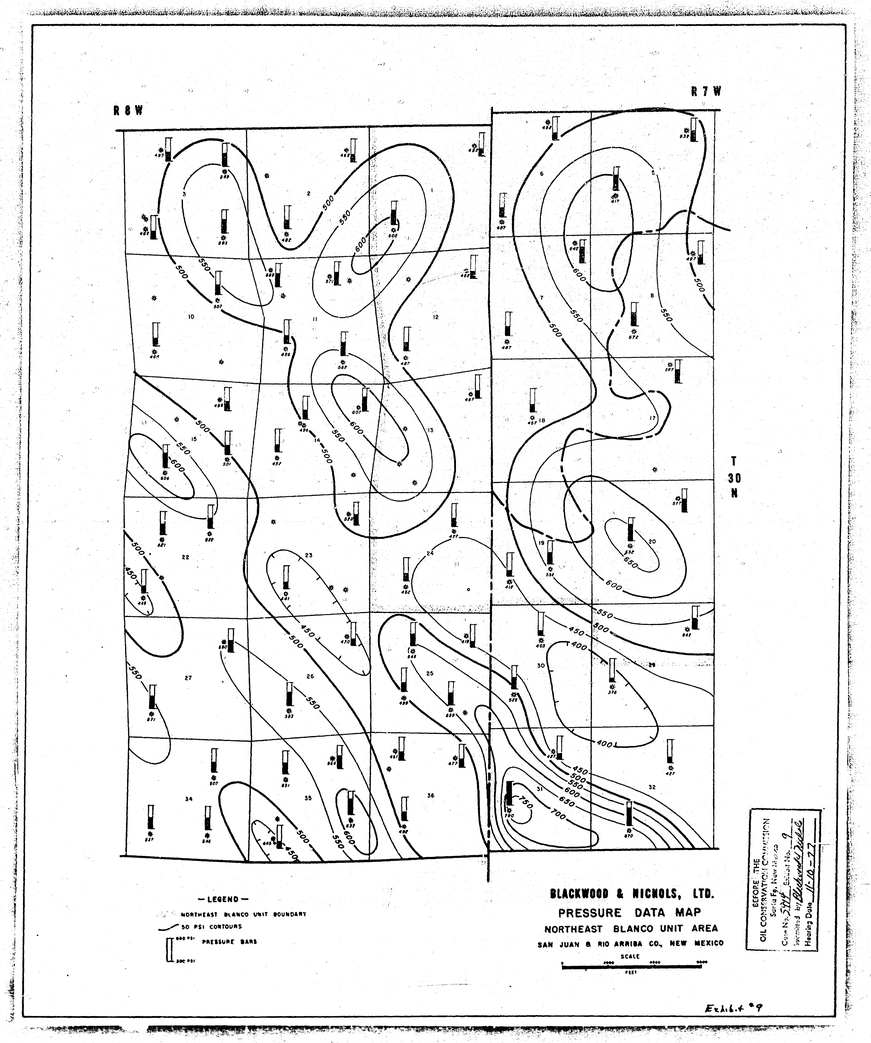
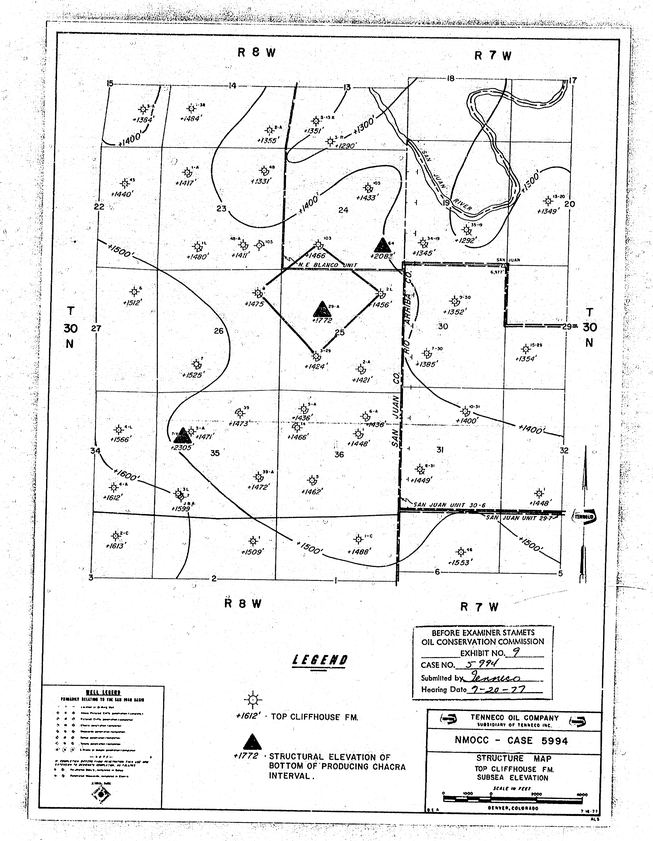
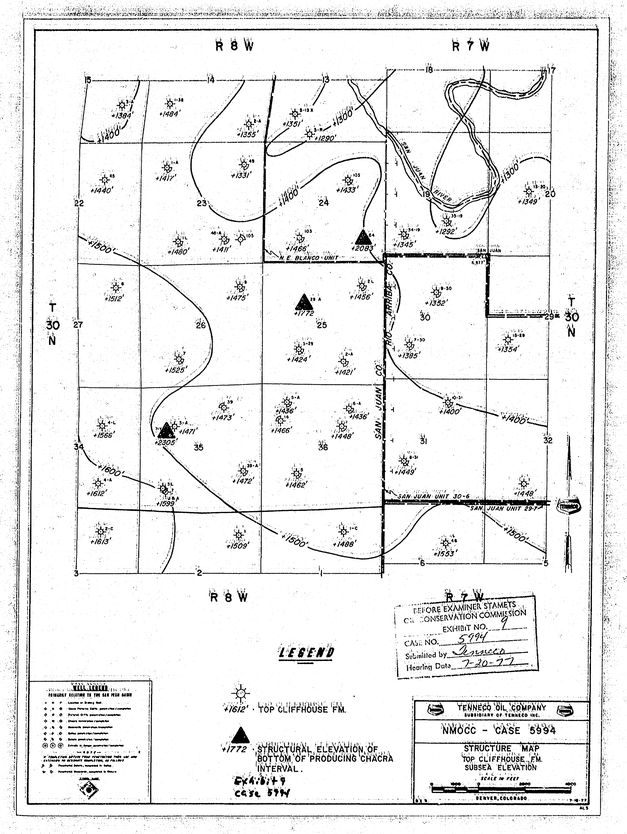


Exhibit #9

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



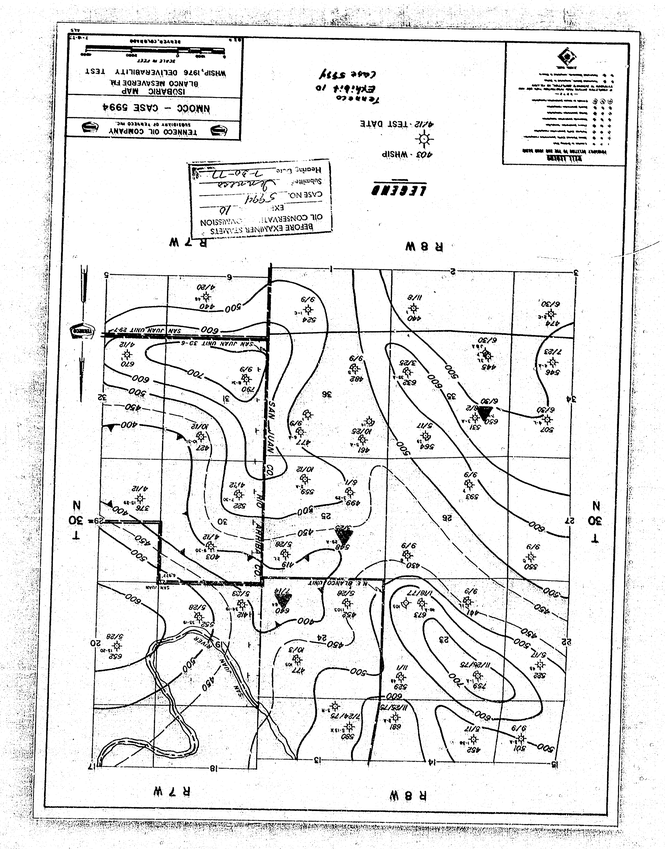
V.U.N.C.F. MICROGRAPHICS



BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 7
CASE NO. 5994
Submitted by Tenneco
Hearing Date 7-20-77

EXHIBIT 7
CASE 5994

M.R.N.C.P. MICROGRAPHICS


TENNECO OIL COMPANY
NMOCC – CASE 5994
ISOBARIC MAP
BLANCO MESAVERDE FM
MARCH,1976 DELIVERABILITY TEST
LEGEND
4/12 - TEST DATE
403 - WHSIP
R 8 W
R 7 W
T 30 N
SAN JUAN UNIT 32-8
SAN JUAN UNIT 32-7
SAN JUAN CO.
NEW MEXICO