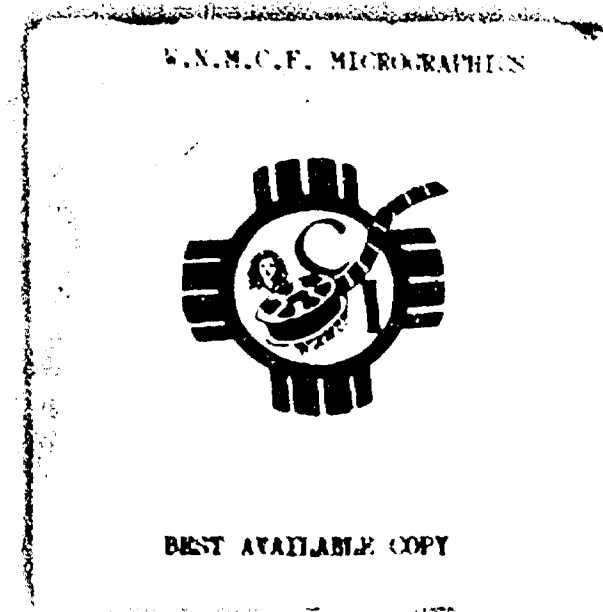


Case Number
3825

Large
Exhibits



D (NW)

1 4.2 Mi. 2 3.8 Mi. 3 2.7 Mi. 4 0.4 Mi. 5

PENNSYLVANIAN
MISSISSIPPIAN

BASE STRAWN DATUM

ATOKA

CHESTER

MISSISSIPPI SILICEOUS

NO TESTS

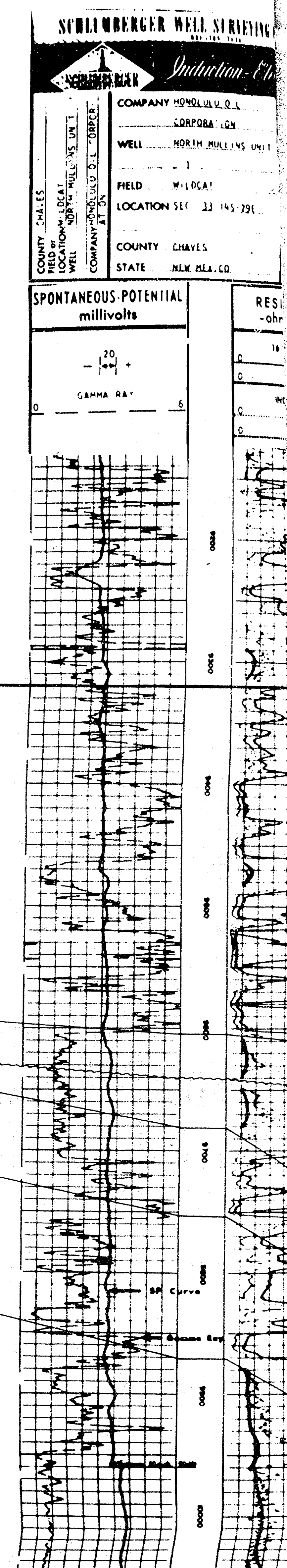
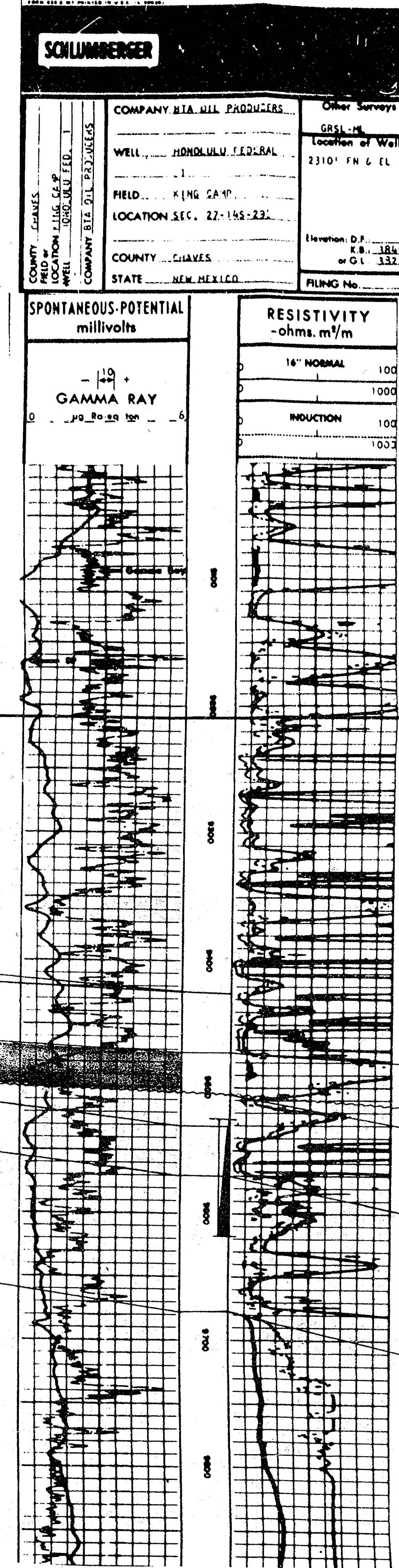
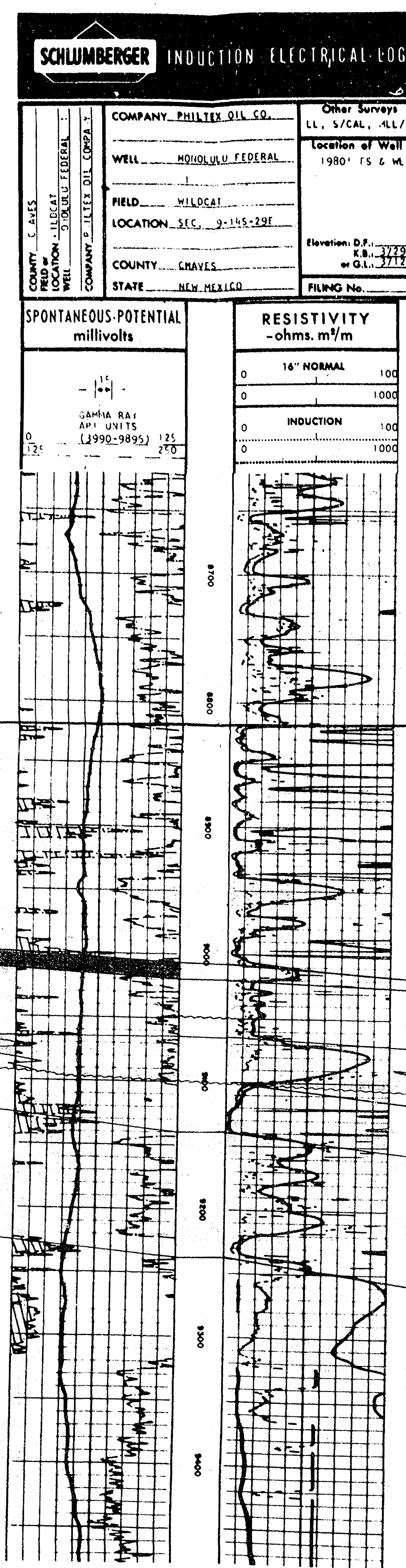
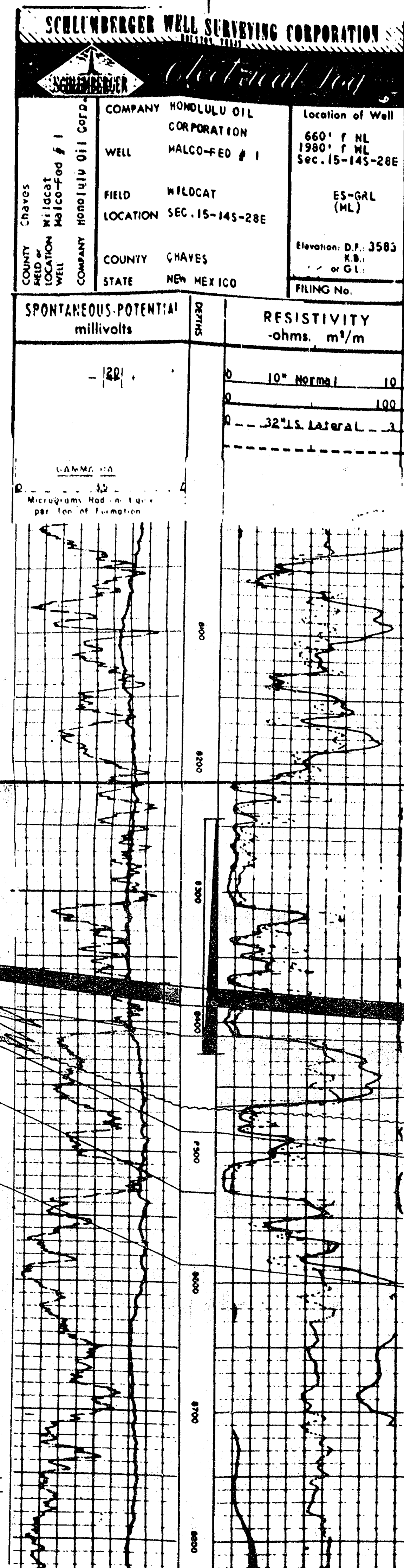
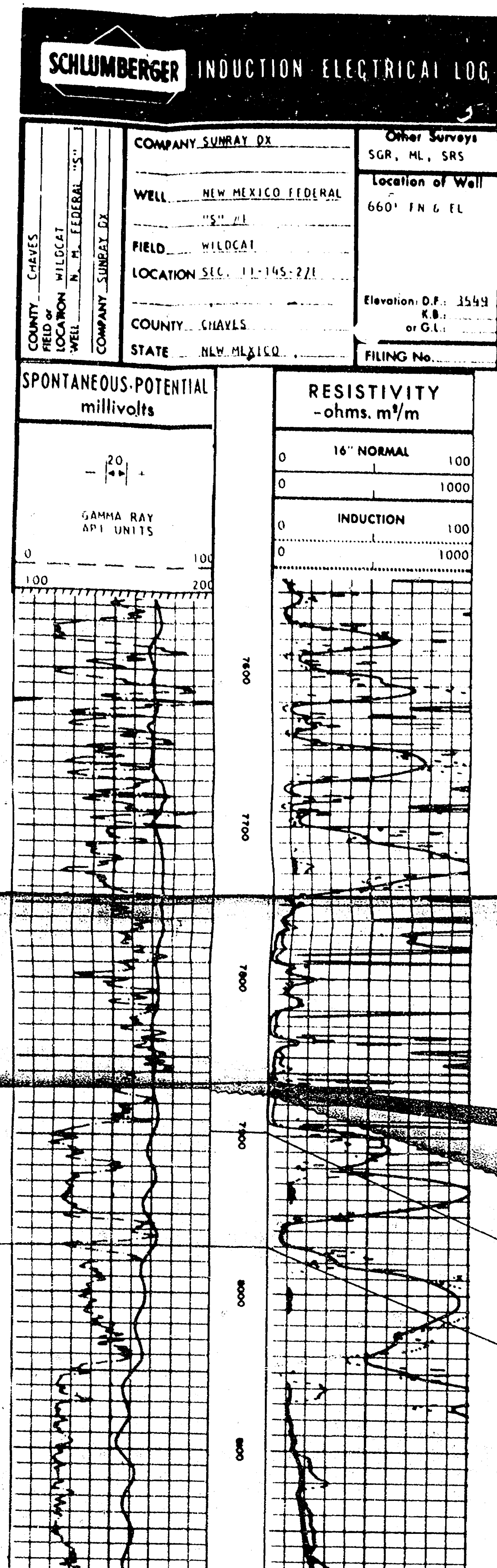
NORTHWEST LIMIT OF SIGNIFICANT SANDSTONE DEVELOPMENT IN UPPER PROSPECTIVE ZONE

DST: 8145-8426
Op. 3:00
Rec. 150' SGCM
FP 150'
50 SIP 450'

NO TESTS

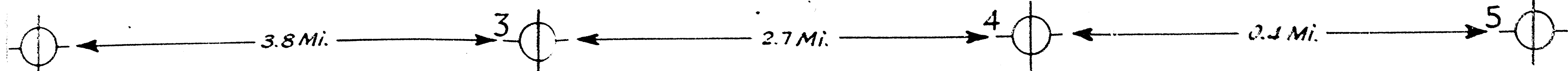
DST: 9525-8618
Op. 1:00
Rec. 60'
FP 75'
50 SIP 105'
45 FSIP 75'

NO TESTS



EXPLANATION
 SANDSTONE
 LIMESTONE





(SE) D'

PENNSYLVANIAN
 MORROW-ATOKA
 CHESTER
 MISSISSIPPI SILICEOUS

SCHLUMBERGER WELL SURVEYING CORPORATION
Induction Electrical Log

INDIAN OIL CORPORATION
 LOCATION 660' F.W.L.
 1980' F.W.L.
 SPEC. 15-145-28E

LOCAT. 15-145-28E
 WELLS 15-145-28E
 FIELD W-104
 COUNTY DEWALL
 STATE NEW MEXICO

SCHLUMBERGER INDUCTION ELECTRICAL LOG

COMPANY PENNSYLVANIAN OIL CORPORATION
 WELL 15-145-28E
 FIELD W-104
 LOCATION SEC. 22, T. 15N, R. 28E
 COUNTY DEWALL
 STATE NEW MEXICO

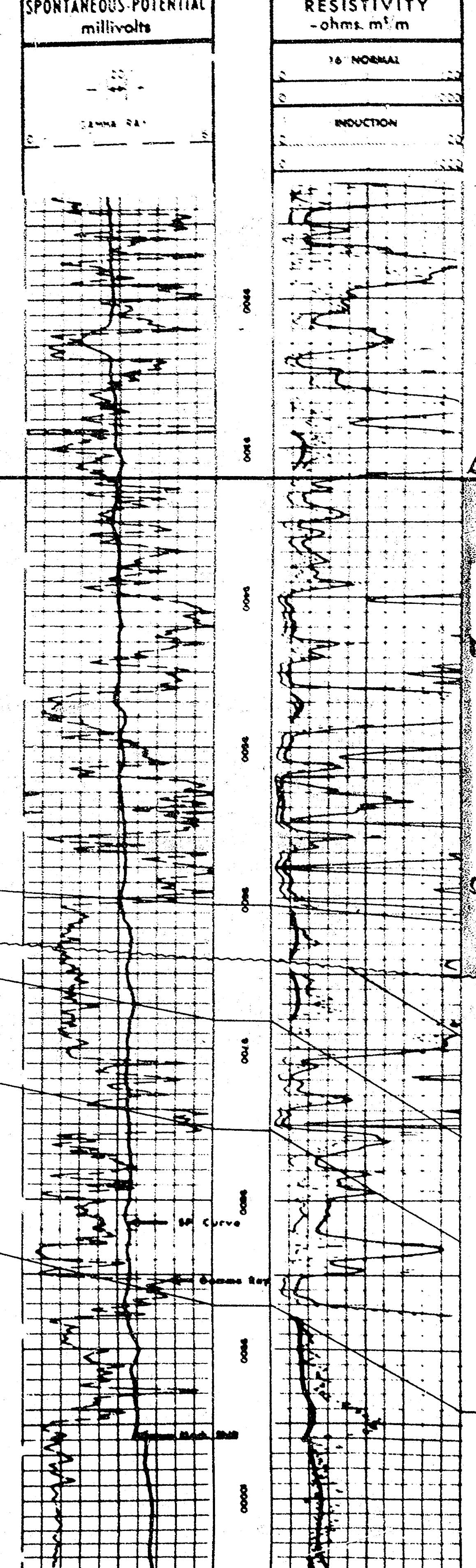
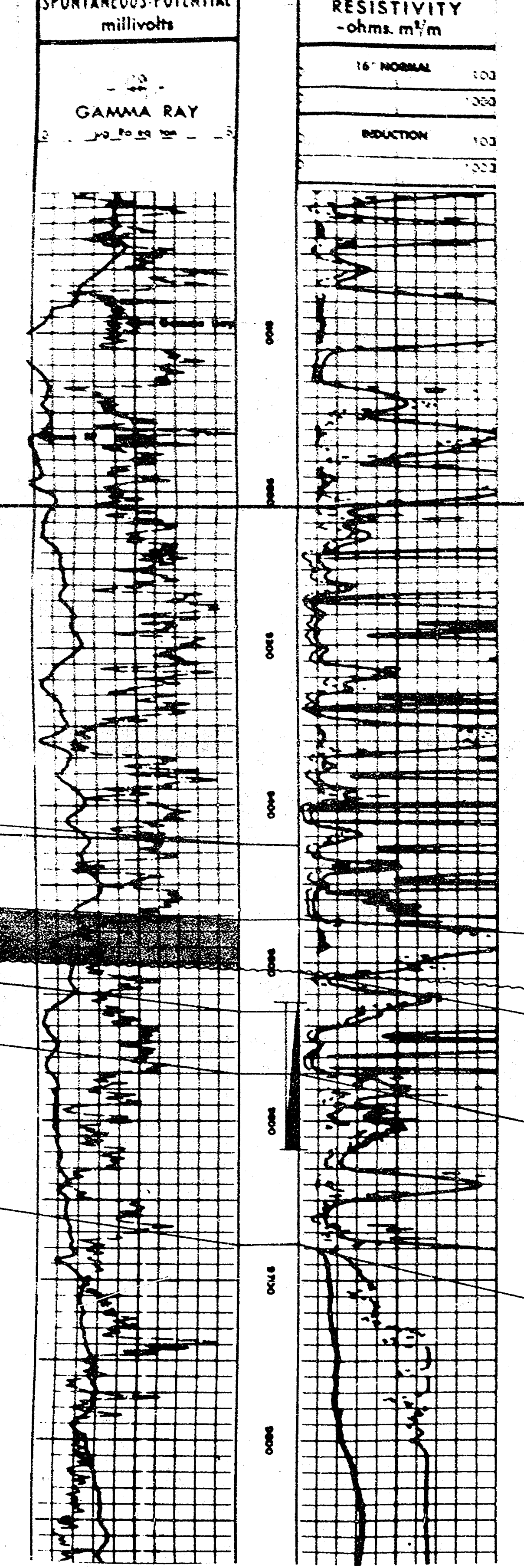
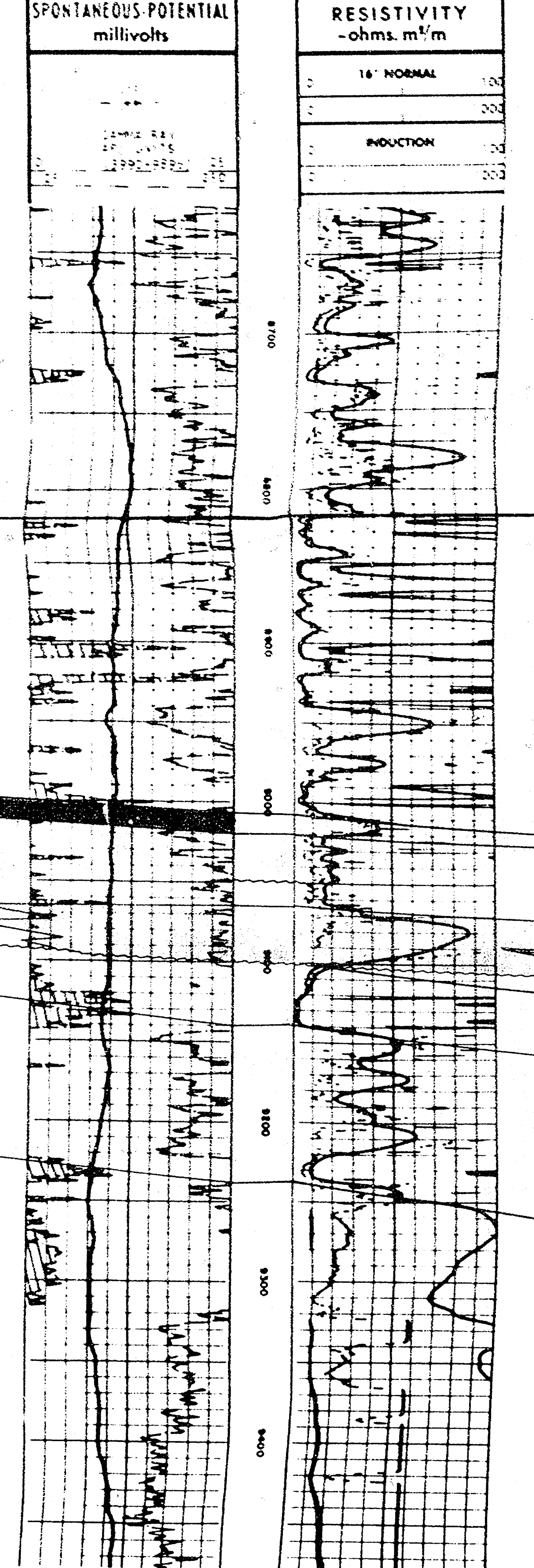
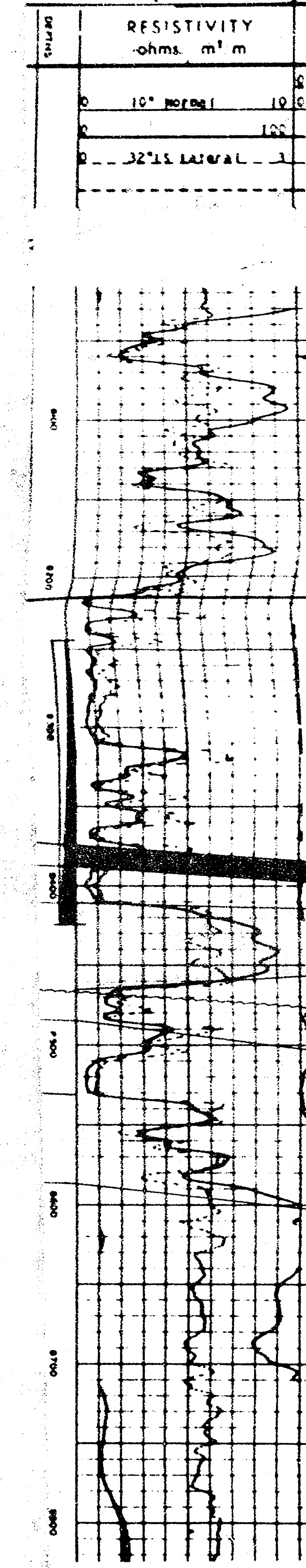
SCHLUMBERGER INDUCTION ELECTRICAL LOG

COMPANY PENNSYLVANIAN OIL CORPORATION
 WELL 15-145-28E
 FIELD W-104
 LOCATION SEC. 22, T. 15N, R. 28E
 COUNTY DEWALL
 STATE NEW MEXICO

SCHLUMBERGER WELL SURVEYING CORPORATION
Induction Electrical Log

INDIAN OIL CORPORATION
 LOCATION 660' F.W.L.
 1980' F.W.L.
 SPEC. 15-145-28E

LOCAT. 15-145-28E
 WELLS 15-145-28E
 FIELD W-104
 COUNTY DEWALL
 STATE NEW MEXICO



BASE STRAWN: DATUM

PROSPECTIVE ZONE
 MORROW-ATOKA

CHESTER

MISSISSIPPI SILICEOUS

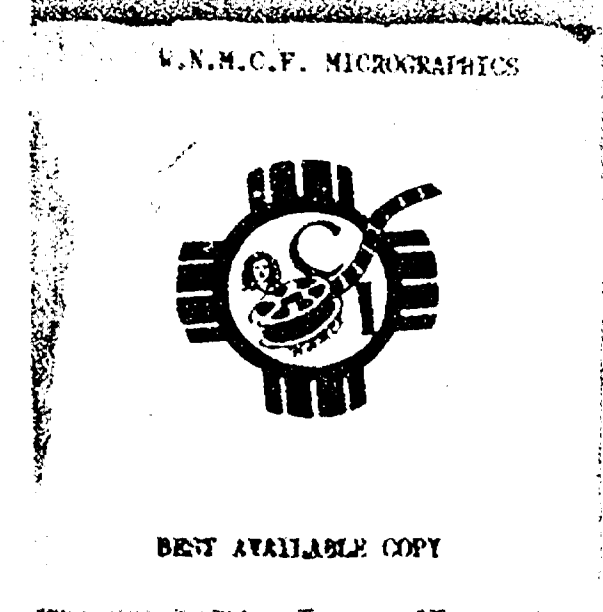
NO TESTS

NO TESTS

145-8426
 3-3-00
 10-150-56CM
 150
 0 S/P 450*

DST: 9525-9618
 OP. 100
 REC. 60 M
 SP. 15
 30 ISIP 105*
 45 PSIP 15*

EXPLANATION
 SANDSTONE
 LIMESTONE



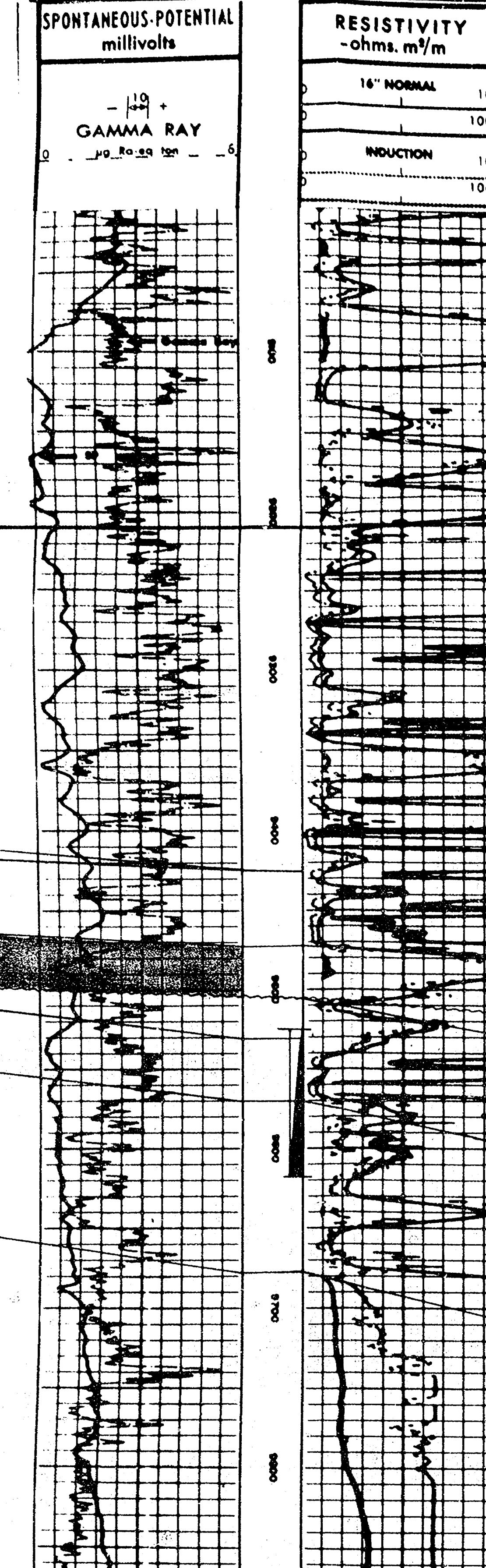
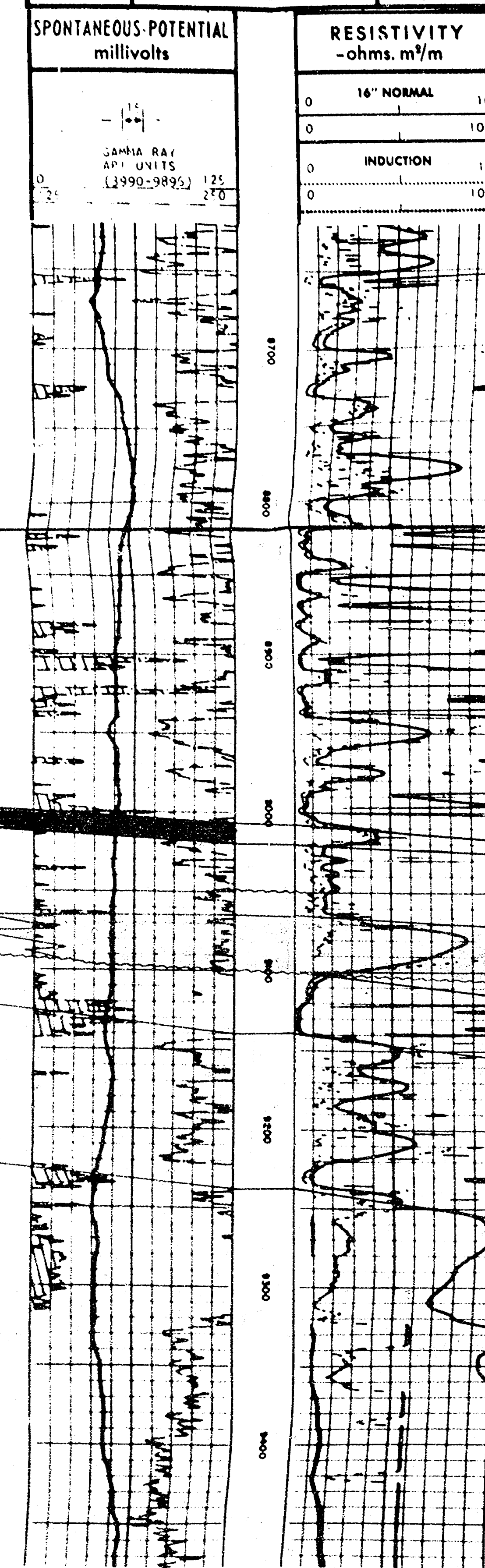
BEST AVAILABLE COPY

LOCAT C.15-145-28E
 Elevation of 3583
 RESISTIVITY -ohms. m/m

COMPANY PHILLIP OIL CO.
 WELL HONOLULU FEDERAL
 LOCATION SEC. 2-155-231
 COUNTY CHAVES
 STATE NEW MEXICO

COMPANY HIA OIL PRODUCERS
 WELL HONOLULU FEDERAL
 LOCATION SEC. 27-155-232
 COUNTY CHAVES
 STATE NEW MEXICO

COMPANY HONOLULU OIL CORPORA.
 WELL HONOLULU FEDERAL
 LOCATION SEC. 31-145-231
 COUNTY CHAVES
 STATE NEW MEXICO



745.8426
 3.00
 150' SGC
 150'
 450'

NO TESTS

DST: 9525-9618
 OP. 100
 REC. 60M
 FP 15'
 30 ISIP 105'
 45 FOP 15'

NO TESTS

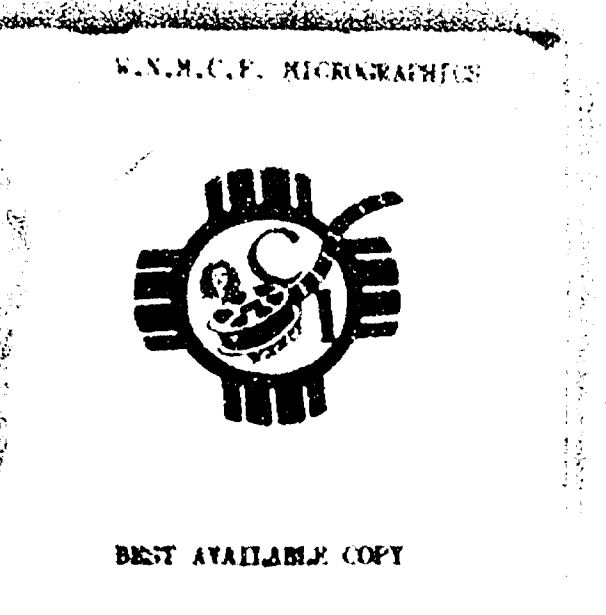
BASE STRAWN: DATUM
 PROSPECTIVE ZONE
 MORROW-ATOKA

CHESTER
 MISSISSIPPI SILICEOUS

EXPLANATION
 SANDSTONE
 LIMESTONE

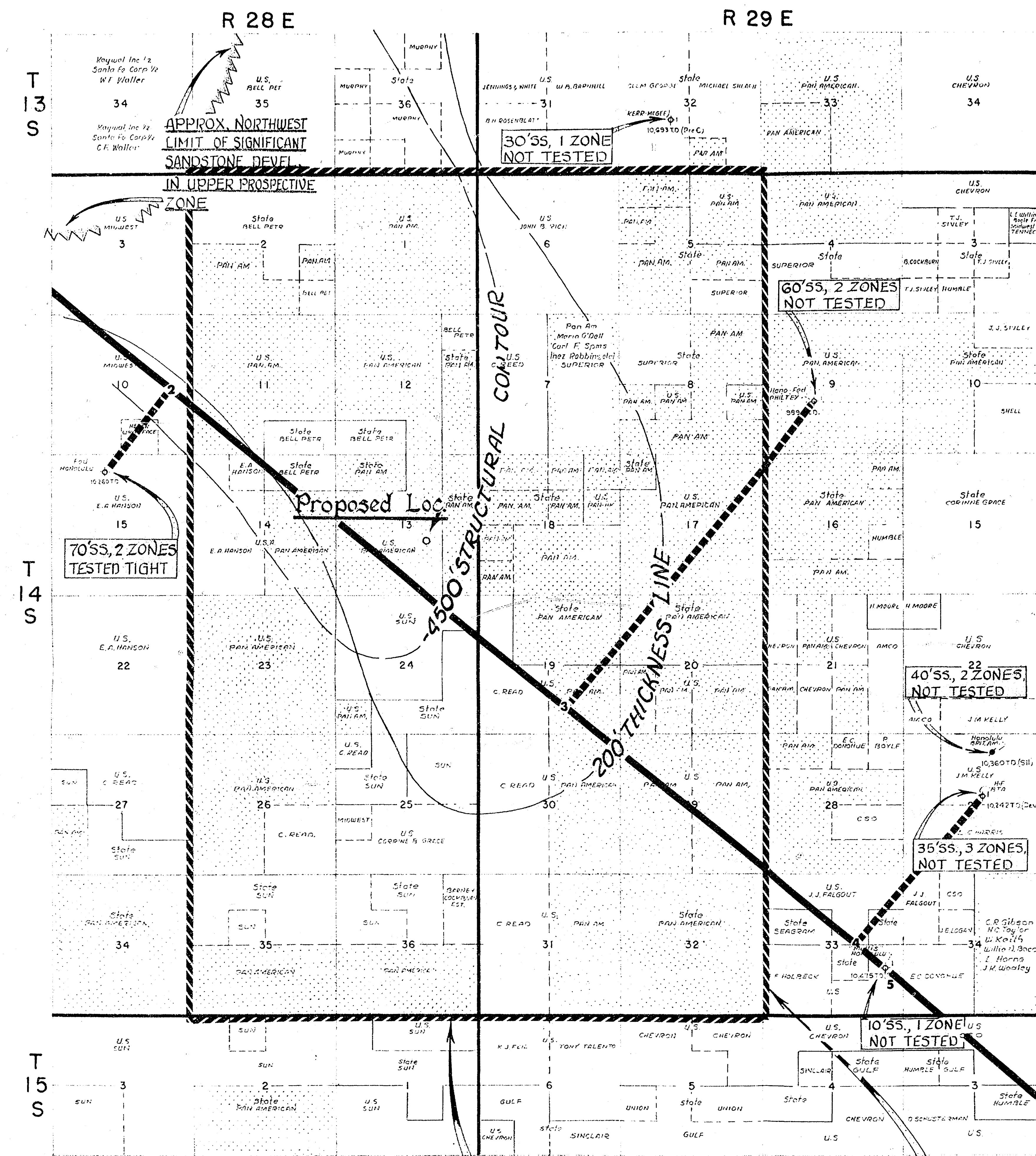
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PAN AMERICAN PETROLEUM CORPORATION
 FORT WORTH DIVISION
 LUBBOCK DISTRICT
 REGIONAL MORROW-ATOKA TREND
 WEST CAPROCK AREA
 CHAVES & EDDY COUNTIES, NEW MEXICO
 STRATIGRAPHIC CROSS-SECTION D-D'
 EXHIBIT NO 2 OF 2 DATE 8-5-68



EAST BUFFALO VALLEY UNIT

CHAVES CO, NEW MEXICO



DOWN-DIP LIMIT OF UNIT BOUNDARY
DETERMINED BY SAND DEVELOPMENT
RELATIVE TO STRUCTURAL AND
THICKNESS DATA

TOTAL ACREAGE IN UNIT (APPROX.) 15,350.23
 FEDERAL 9270.39 AC. 60.4 %
 STATE 5759.84 AC. 37.5 %
 FEE 320 AC. 2.1 %
 PAN AM 10,158.48 AC. 66.18 %

PROPOSED DRILLING DEPTH 9500'
 FORMATION TOPS
 QUEEN* 1470'
 SAN ANDRES* 2130'
 GLORIETA 3620'
 DRINKARD 5020'
 ABO 5820'
 WOLFCAMP* 6940'
 PENNSYLVANIAN* 7780'
 MISS. SILICEOUS 9230'

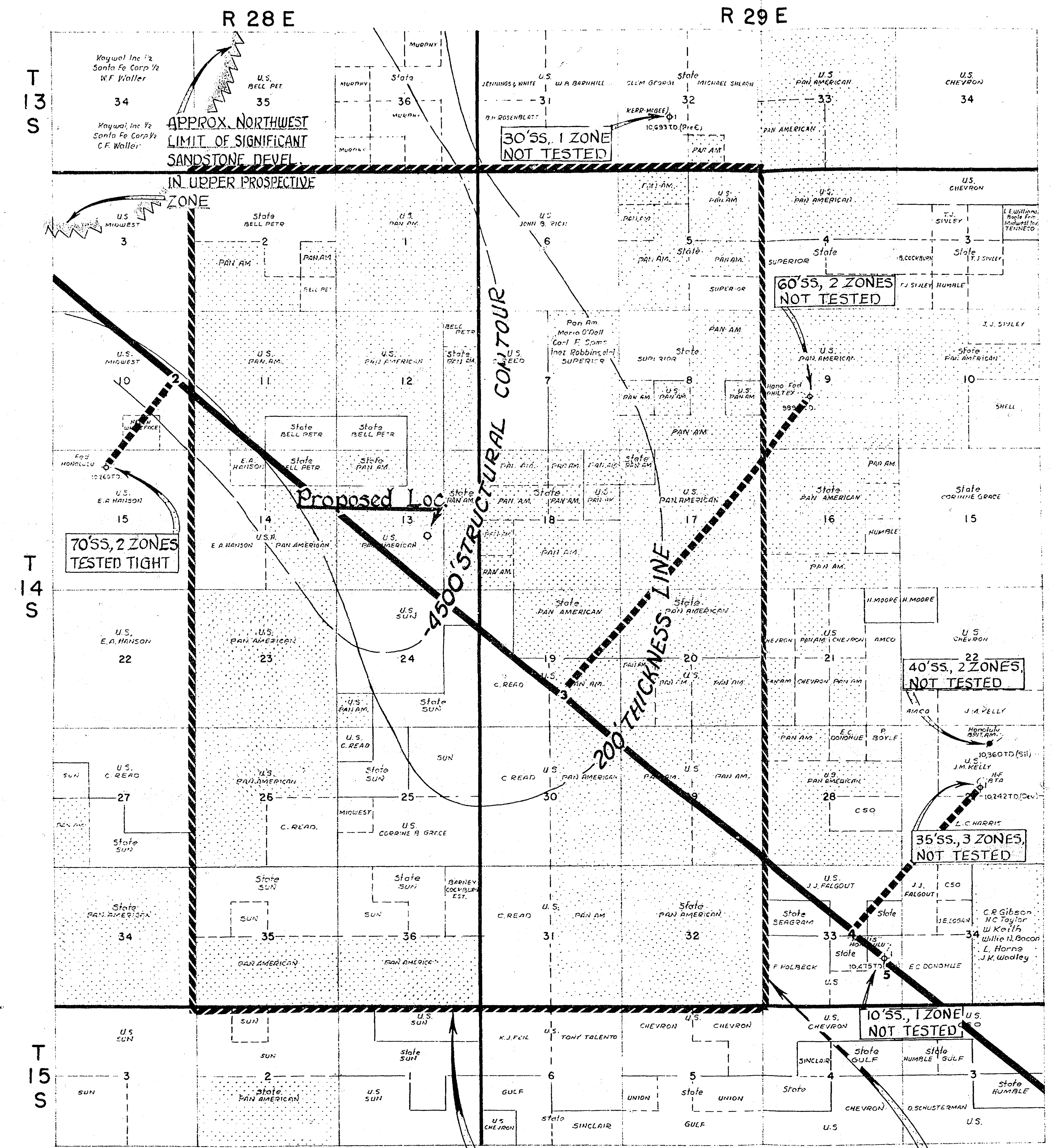
*POTENTIAL PAY ZONE

ESTIMATED COST:
 PRODUCER \$ 178,900
 DRY HOLE \$ 146,900

EXHIBIT NO. 1 of 2 DATE: 8-5-68



EAST BUFFALO VALLEY UNIT CHAVES CO, NEW MEXICO



TOTAL ACREAGE IN UNIT (APPROX.) 15,350.23
 FEDERAL 9270.39 AC. 60.4 %
 STATE 5759.84 AC. 37.5 %
 FEE 320 AC. 2.1 %
 PAN AM 10,158.48 AC. 66.18 %

PROPOSED DRILLING DEPTH 9500'

FORMATION TOPS

QUEEN*	<u>1470'</u>
SAN ANDRES*	<u>2130'</u>
GLORIETA	<u>3620'</u>
DRINKARD	<u>5020'</u>
ABO	<u>5820'</u>
WOLFCAMP*	<u>6940'</u>
PENNSYLVANIAN*	<u>7780'</u>
MISS. SILICEOUS	<u>9230'</u>

*POTENTIAL PAY ZONE

ESTIMATED COST:

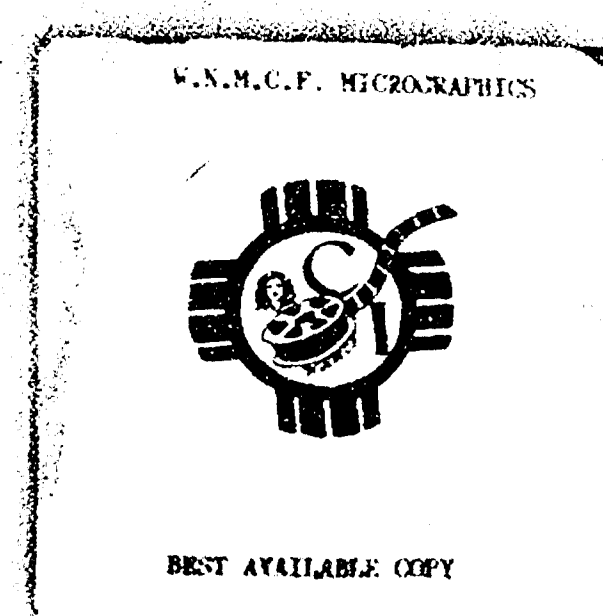
PRODUCER \$ 178,900

DRY HOLE \$ 146,900

EXHIBIT NO. 1 of 2 DATE: 8-5-68

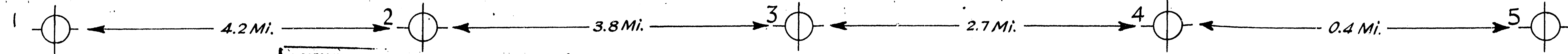
DOWN-DIP LIMIT OF UNIT BOUNDARY
 DETERMINED BY SAND DEVELOPMENT
 RELATIVE TO STRUCTURAL AND
 THICKNESS DATA

BEFORE EXAMINER UTZ
 OIL CONSERVATION COMMISSION
 EXHIBIT NO. _____
 CASE NO. _____



D (NW)

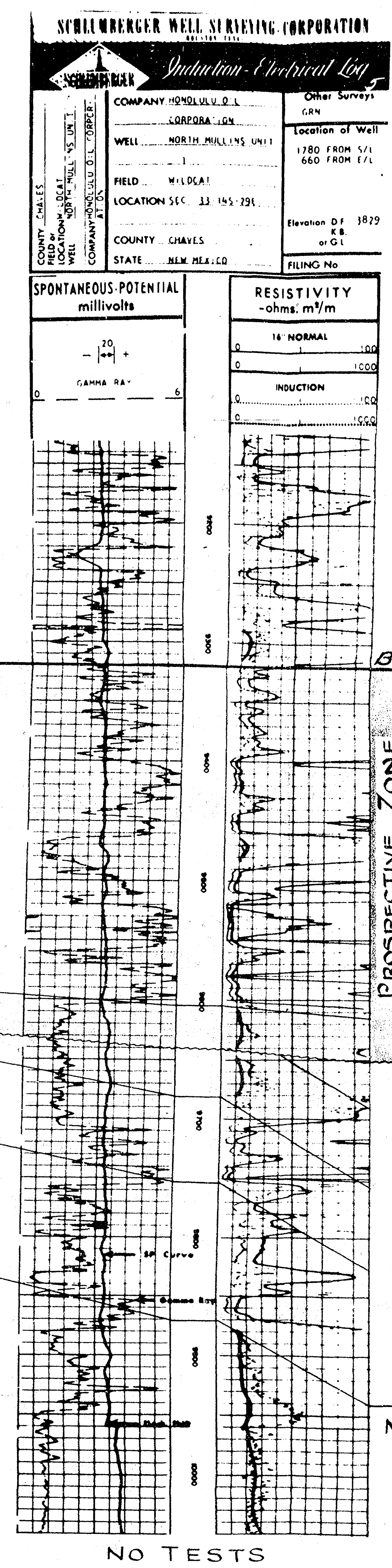
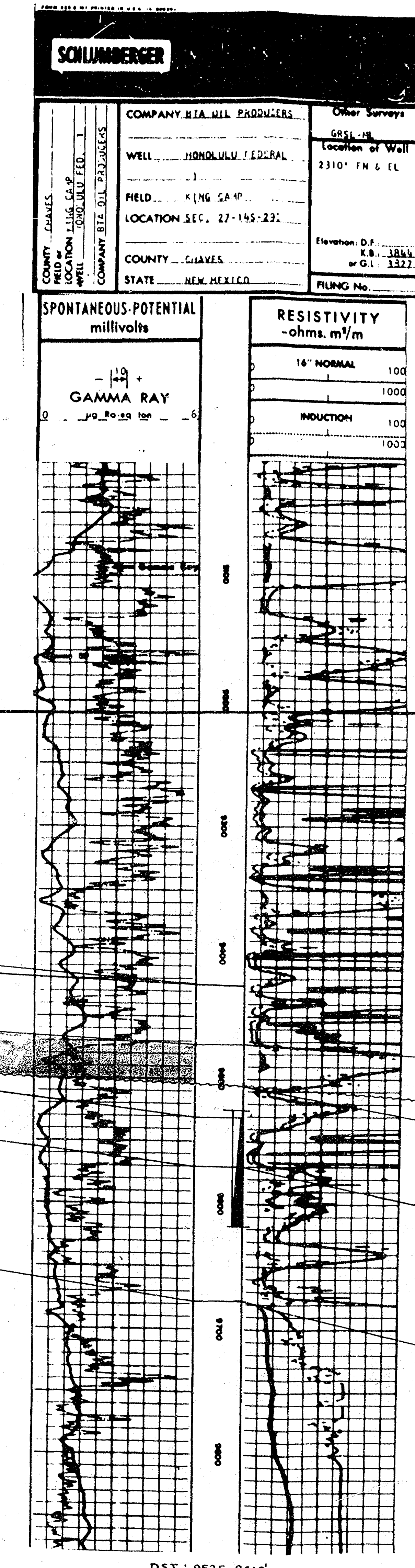
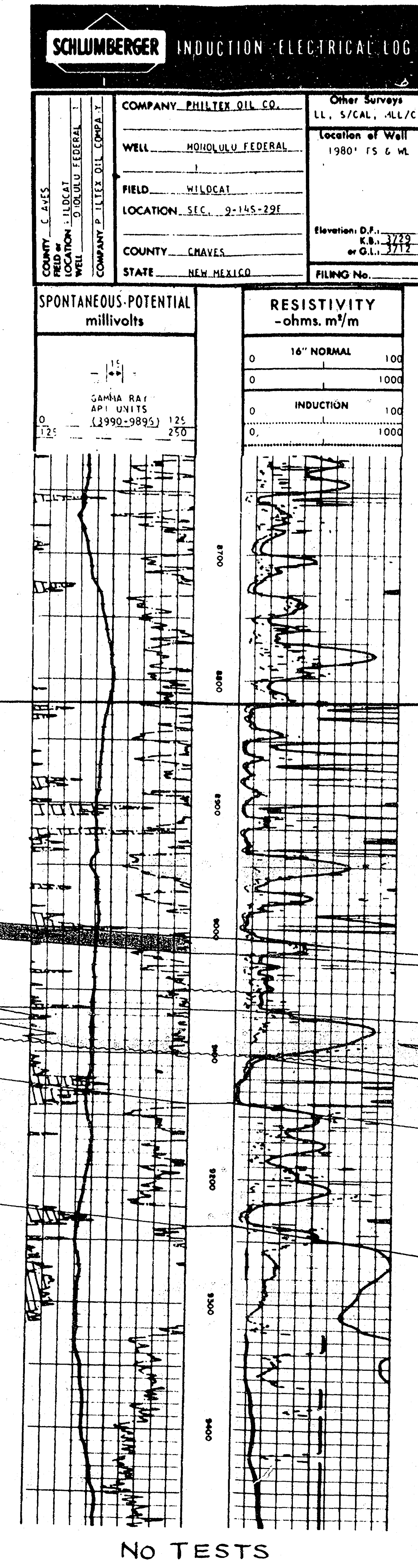
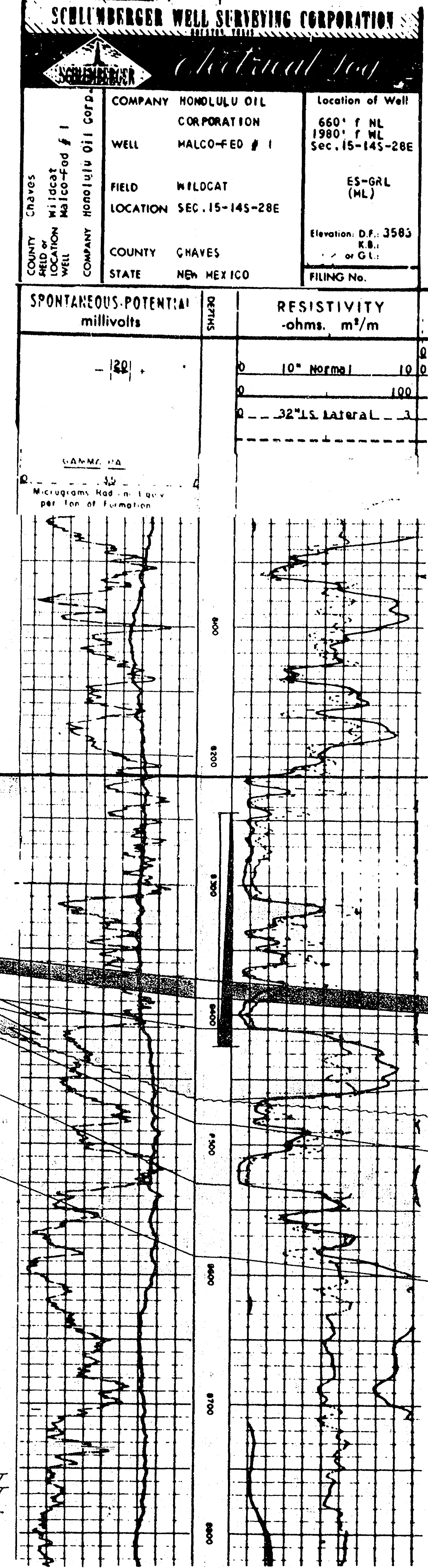
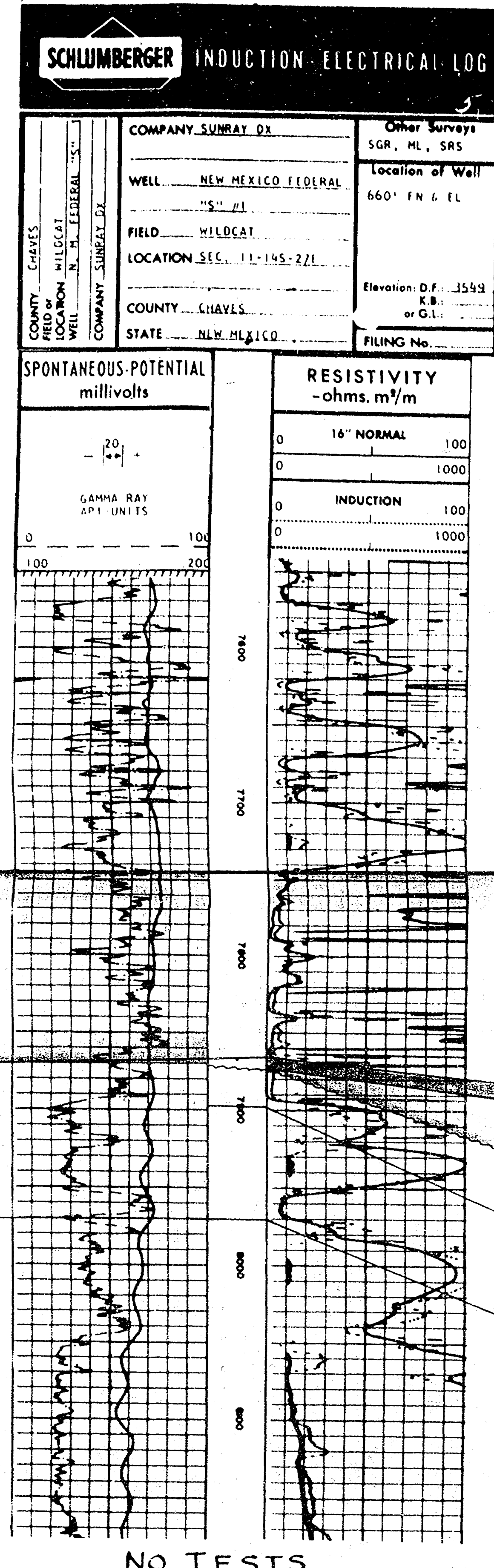
(SE) D'



PENN-SYLVANIAN

MISSISSIPPIAN

PENN-SYLVANIAN MISSISSIPPIAN



BASE STRAWN: DATUM

BASE STRAWN: DATUM

ATOKA

CHESTER

MISSISSIPPI SILICEOUS

NO TESTS

NO TESTS

NO TESTS

NORTHWEST LIMIT OF SIGNIFICANT SANDSTONE DEVELOPMENT IN UPPER PROSPECTIVE ZONE

DST: 8145-8426'
Op. 3:00
Rec. 150' SGCM
FP 150'
30 ISIP 450'

DST: 9525-9618'
Op. 1:00
Rec. 60' M
FP 75'
30 ISIP 105'
45 PSIP 75'

PROSPECTIVE ZONE MORROW-ATOKA

CHESTER

MISSISSIPPI SILICEOUS

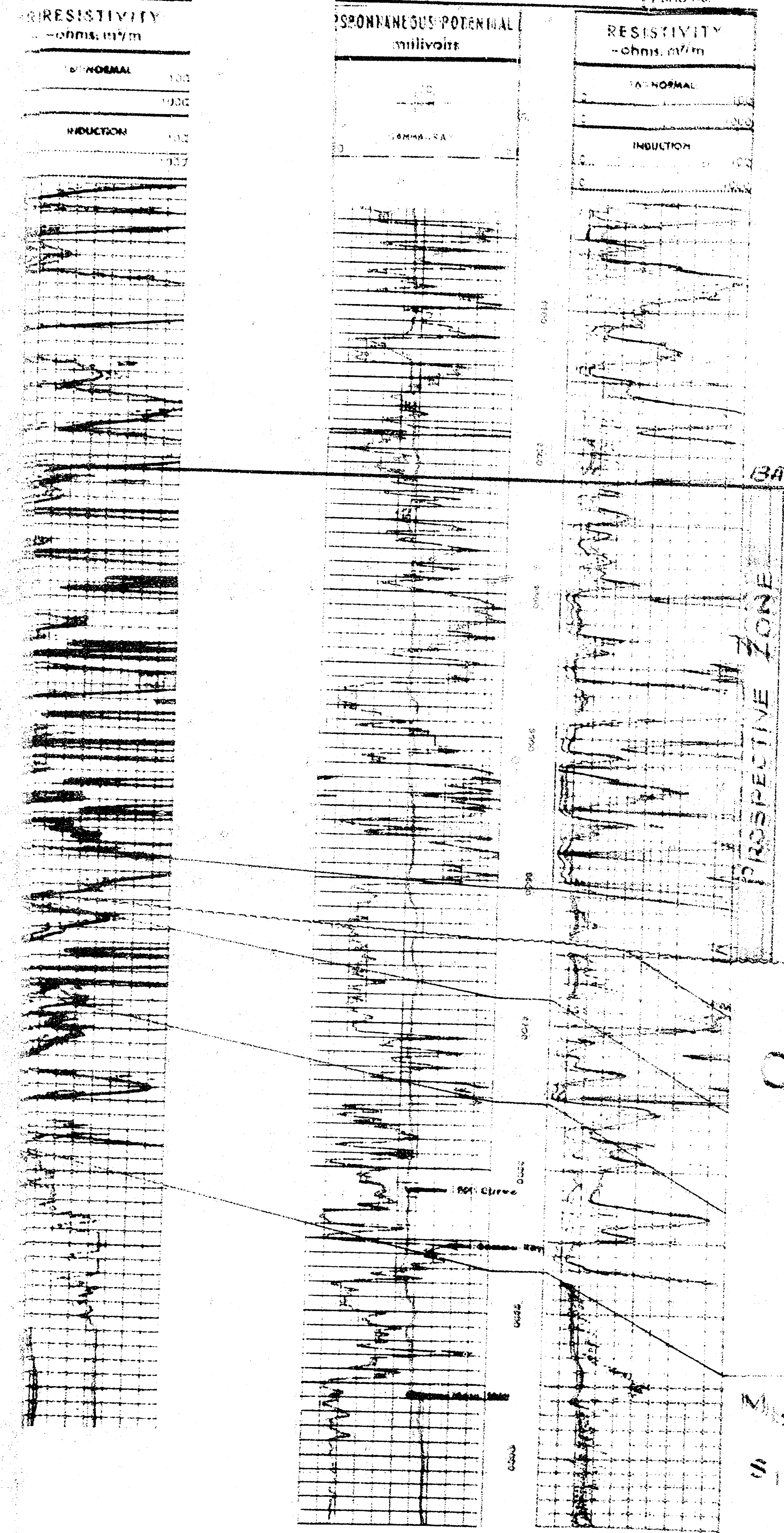
EXPLANATION
 SANDSTONE
 LIMESTONE

2.3.6/ 5

(SE) D

Other Services	
Location of Well	23-10-10-21
Extension of	150
Electricity	20
Telephone	10
Water	10
Gas	10

SERLEWBERGER WELL SURVEYING CORPORATION	
Company - International	
Company Number	231
Location of Well	23-10-10-21
Well	23-10-10-21
Field	23-10-10-21
Location	23-10-10-21
County	23-10-10-21
State	23-10-10-21
Field No.	23-10-10-21

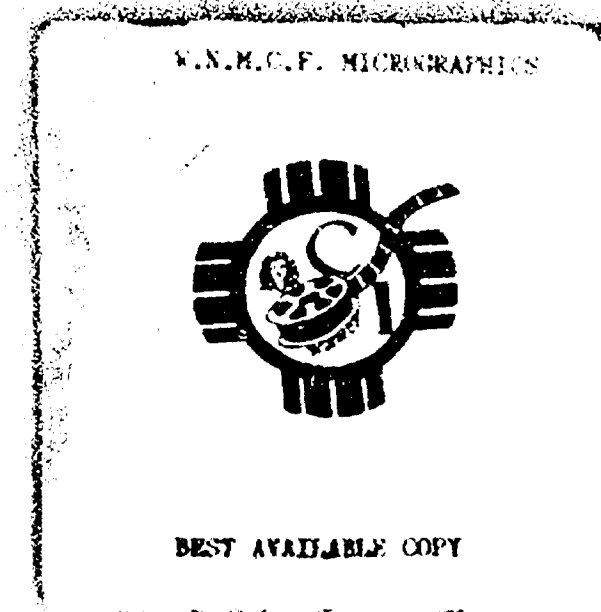


EXPLANATION
 [] SANDSTONE
 [] LIMESTONE

Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z

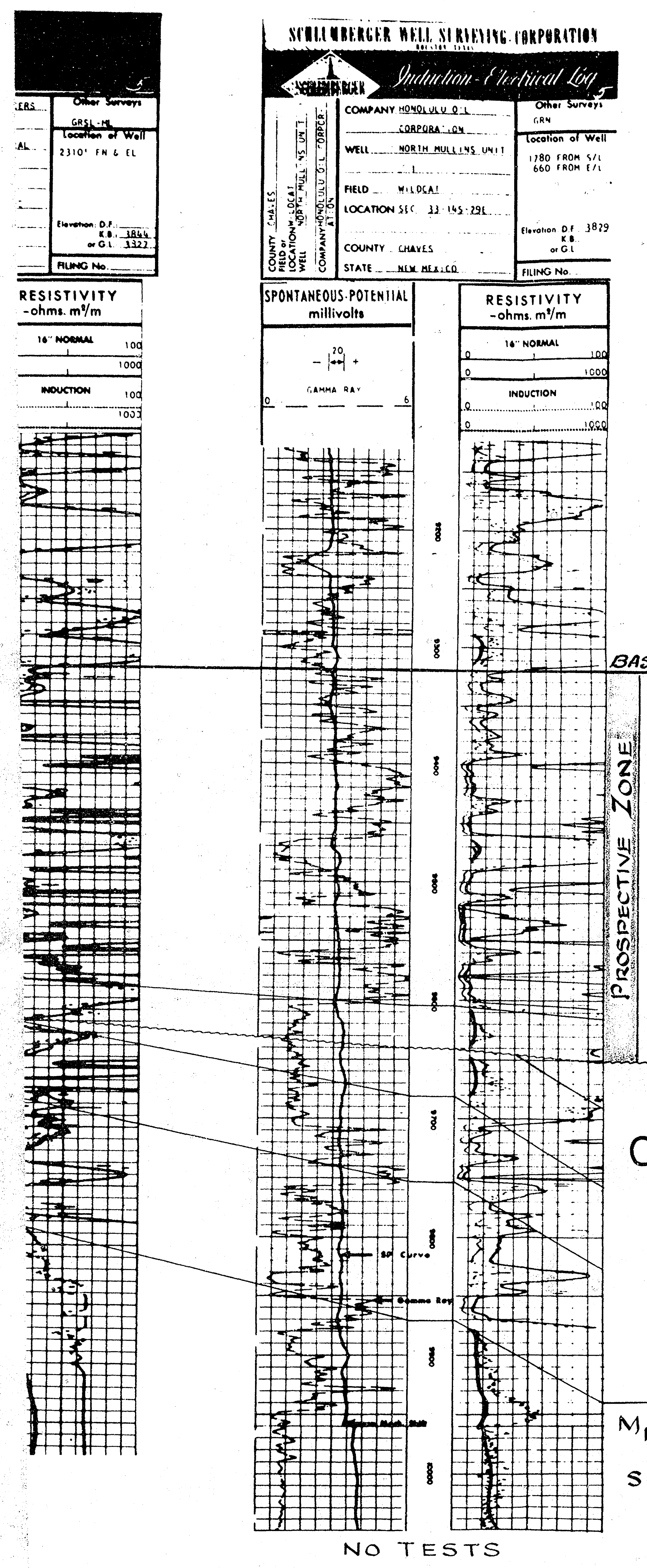
MISSISSIPPI SILICEOUS

Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z



0.4 Mi. ← 5 →

(SE) D'




PENNSYLVANIAN
 MORROW-ATOKA
 CHESTER
 MISSISSIPPI SILICEOUS

EXPLANATION
 □ SANDSTONE
 ■ LIMESTONE



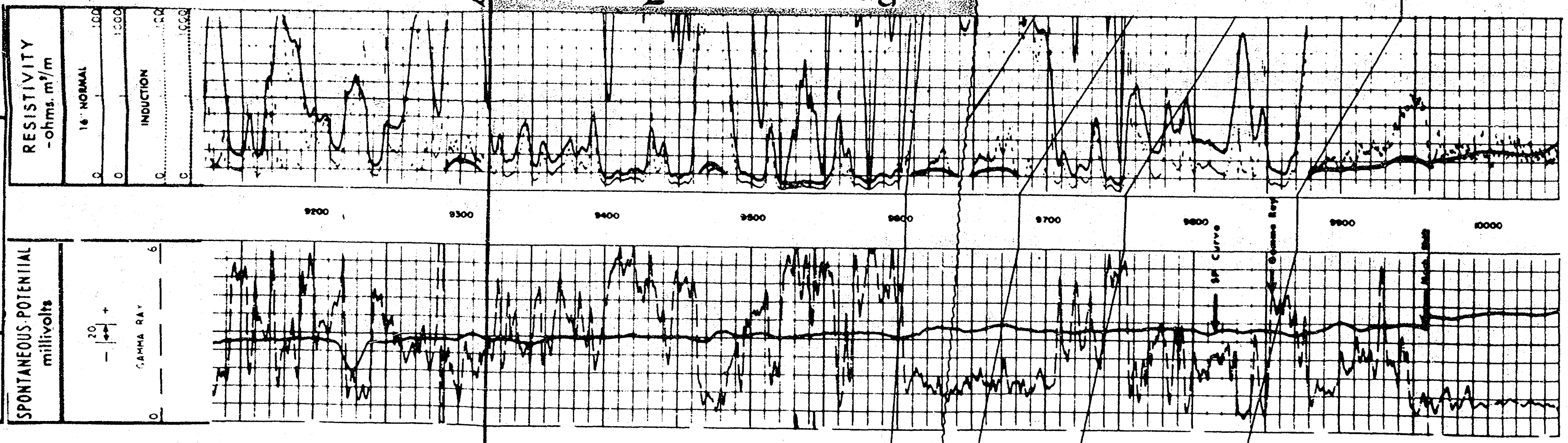
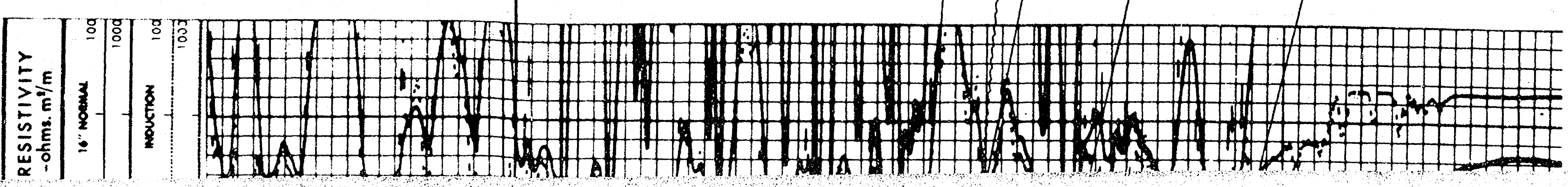
BEFORE EXAMINER USE
 OIL CONSERVATION
 EXHIBIT NO.
 CASE NO.

0.4 Mi.  5

(SE) D'

STILLMEYER WELL SURVIVING CORPORATION
Standard - Technical Log

Other Service:
 COMPANY: STILLMEYER OIL
 OPERATOR: JERESA, JR.
 WELL: MORROW-ATOKA UNIT
 FIELD: W-1004
 LOCATION: SEC 21 15 29E
 COUNTY: CHEASE
 STATE: ILL. NE. 1/4
 LOCATION OF WELL: 1850' FROM P.L.
 ELEVATION OF WELL: 1872
 PLUM No. G-1 1327



NO TESTS

P E N N S Y L V A N I A N

BASE STRAWN: DATUM

MORROW-ATOKA

PROSPECTIVE ZONE

C H E S T E R

MISSISSIPPI SILICEOUS

M I S S I S S I P P I A N

EXPLANATION
 SANDSTONE
 LIMESTONE

BEFORE EXAMINER UTZ
 OIL CONSERVATION COMMISSION
 CASE NO. 5-5-68

PAN-AMERICAN PETROLEUM CORPORATION
 FORT WORTH DIVISION
 LUBBOCK DISTRICT
 REGIONAL MORROW-ATOKA TREND
 WEST CAPROCK AREA
 CHAVES & EDDY COUNTIES, NEW MEXICO
 STRATIGRAPHIC CROSS-SECTION D-D'
 EXHIBIT NO. 2 OF 1
 DATE 5-5-68



UNIT AVAILABLE COPY

