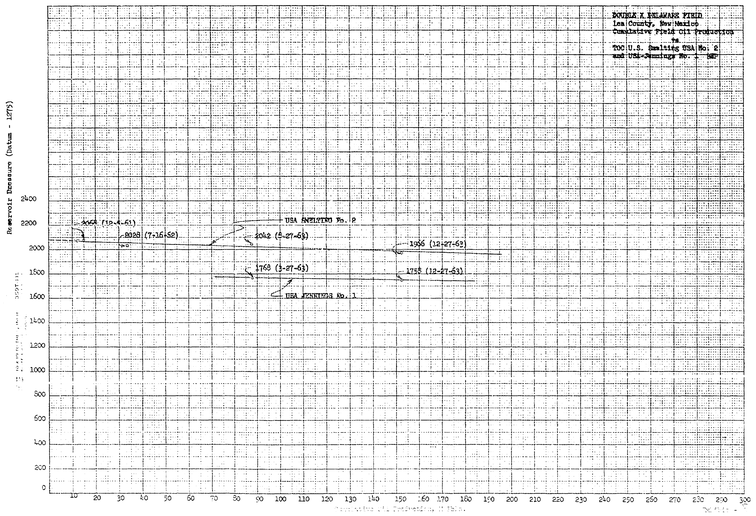
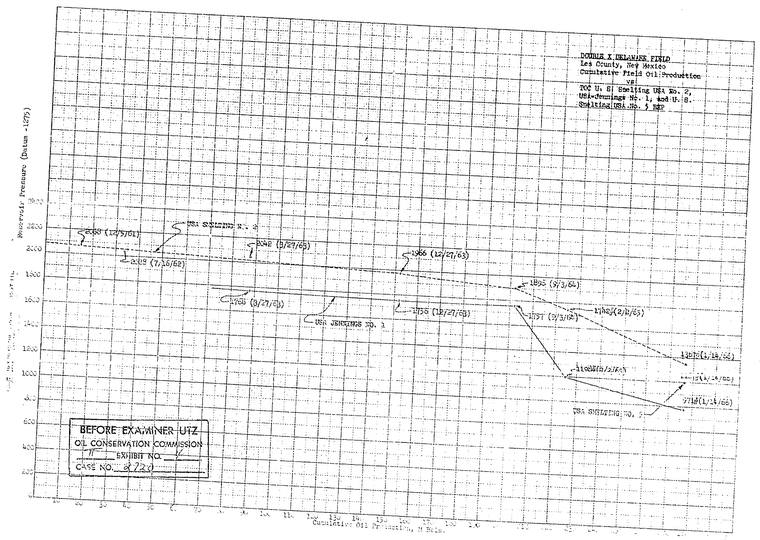
Case No.

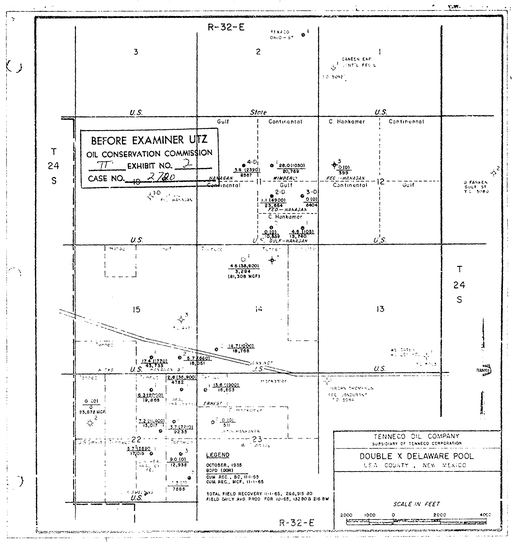
2220

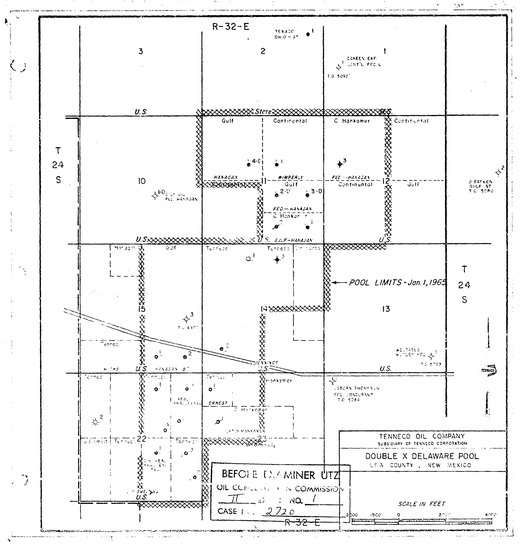
Large Exhibits

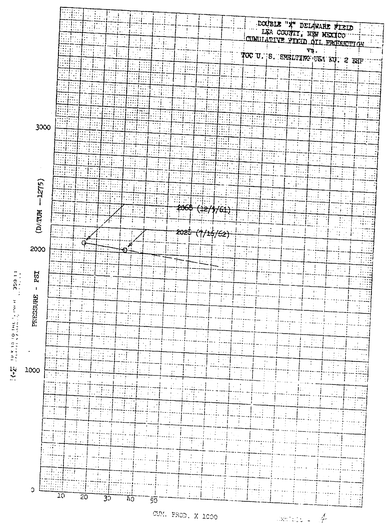

DOUBLE X DELAWARE FIELD
Lea County, New Mexico
Cumulative Field Oil Production
vs.
TOC U.S. Smeltng USA No. 2
and USA-Jennings No. 1 SWD
Reservoir Pressure (Datum - 1275)
2400
2200
2000
1500
1600
1400
1200
1000
500
400
200
0
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
USA ANDERSON No. 2
2064 (10-4-61)
2038 (7-16-62)
2042 (5-27-63)
1955 (12-27-62)
1760 (5-27-63)
1758 (12-27-63)
USA JENNINGS No. 1

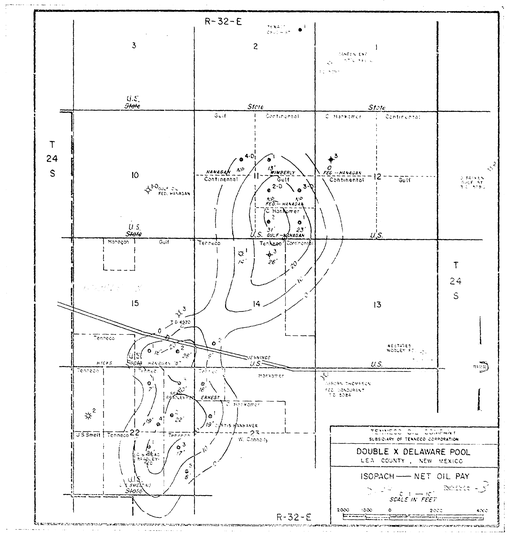


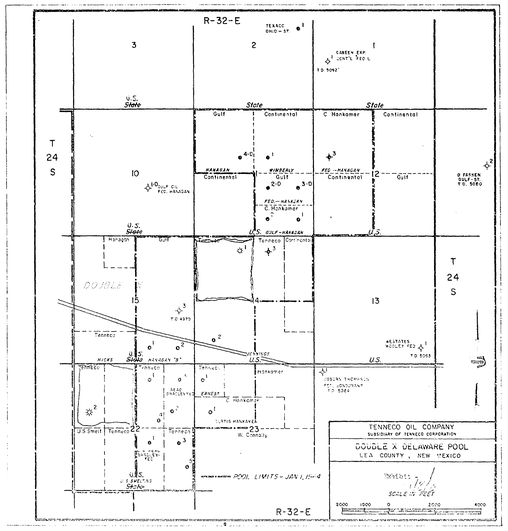
BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 8720

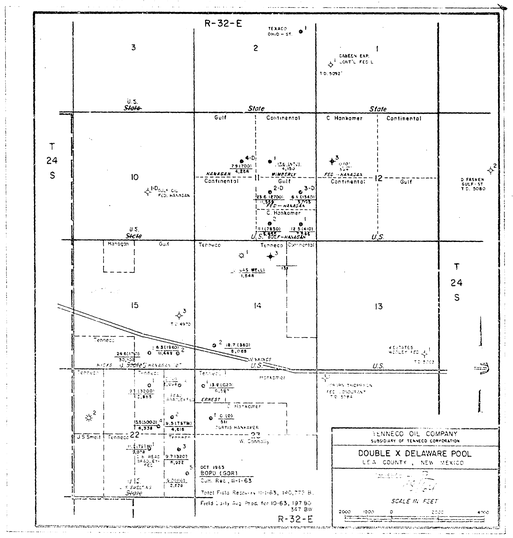

R-32-E
T 24 S
U.S.
Gulf
Stone
Continental
C. Hankamer
15
14
13
22
23
BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 2780
LEGEND
OCTOBER, 1955
AUG. 1956
SUM REC., BO, 1-1-55
SUM REC., MCF, 1-1-55
TOTAL FIELD RECOVERY 1-1-55, 266,315 BO
FIELD DAILY AVG PROD FOR 12-55, 132 BOPD 210 BW
TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION
DOUBLE X DELAWARE POOL
LEA COUNTY, NEW MEXICO
SCALE IN FEET
2000 1000 0 2000 4000
R-32-E

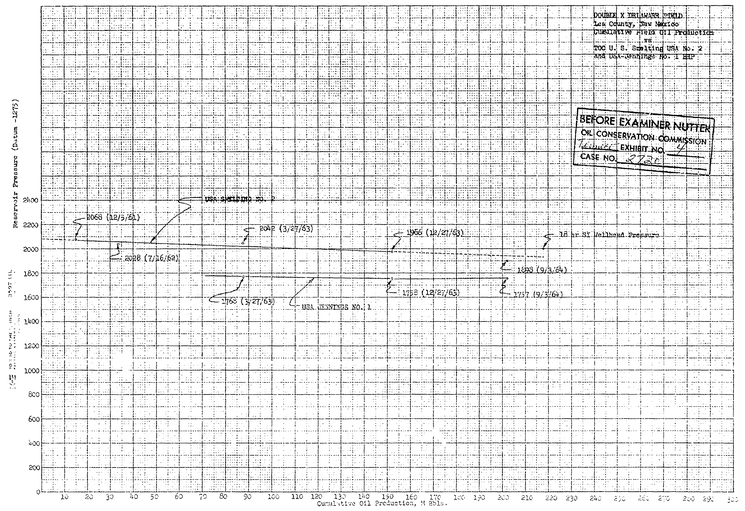

R-32-E
T 24 S
U.S.
Gulf
Continental
C. Hankamer
Sinclair
POOL LIMITS - Jan 1, 1965
TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION
DOUBLE X DELAWARE POOL
LEA COUNTY, NEW MEXICO
SCALE IN FEET
BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1
CASE NO. 2720
R-32-E

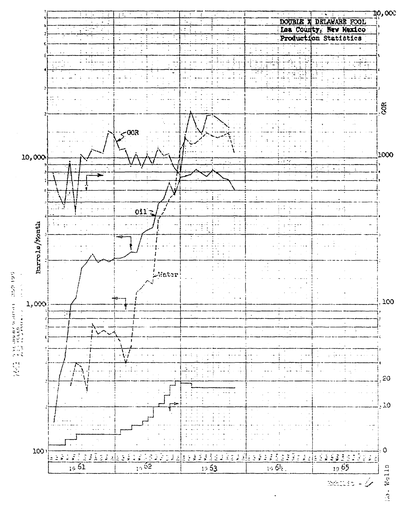

DOUBLE "A" DELAWARE FIELD
LEA COUNTY, NEW MEXICO
CUMULATIVE FIXED OIL PRODUCTION
vs.
TOC U. S. ENGLISH/CGS NO. 2 NCP
3000
2000
1000
0
2000 (12/7/61)
2025 (7/12/62)
10
20
30
40
50
CUM. PROD. X 1000

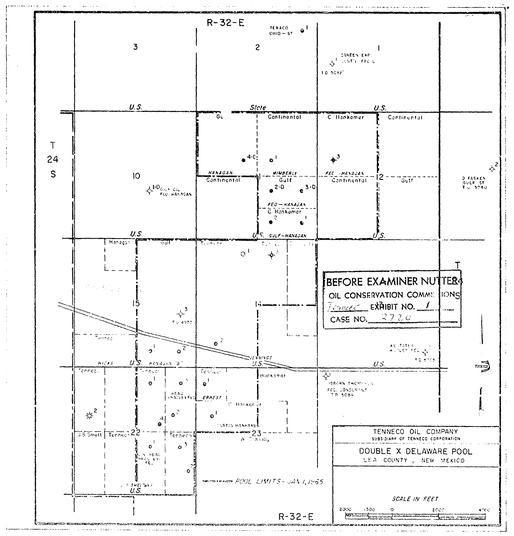

R-32-E
3
2
1
U.S.
State
State
Gulf
Continental
T
24
S
10
11
12
15
14
13
22
23
U.S.
R-32-E
DOUBLE X DELAWARE POOL
LEA COUNTY, NEW MEXICO
ISOPACH — NET OIL PAY
SCALE IN FEET

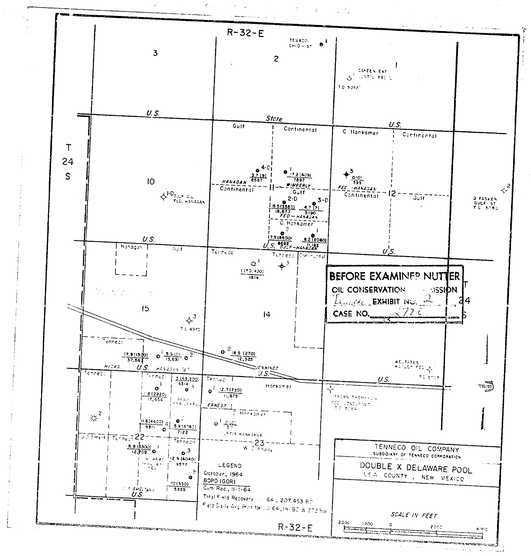

R-32-E
T 24 S
U.S. State
State
Gulf
Continental
C. Norsworthy
Tennessee
DOUBLE A
15
10
22
23
13
4
3
2
1
U.S.
POOL LIMITS - JAN. 1, 1964
R-32-E
TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION
DOUBLE A DELAWARE POOL
LEA COUNTY, NEW MEXICO
SCALE IN FEET
5000 1000 0 2000 4000

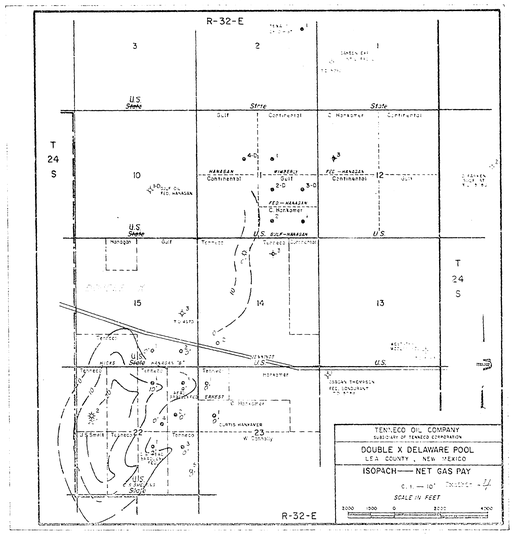

R-32-E
T 24 S
TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION
DOUBLE X DELAWARE POOL
LEA COUNTY, NEW MEXICO
SCALE IN FEET
2000 1000 0 2000 4000
R-32-E

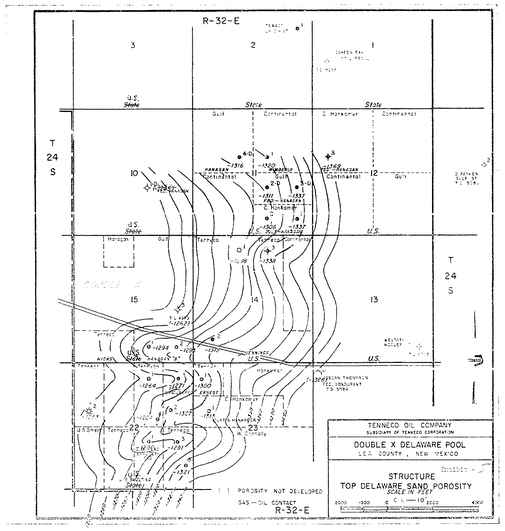

DOMEN X TRIANGLE FIELD
Lea County, New Mexico
Continental Pipeline Oil Productions
vs.
TOC U. S. Smelting USA No. 2
and USA-Jennings No. 1 WIW
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 11
CASE NO. 2334
Reservoir Pressure (Datum -1275)
1068 (12/5/61)
USA SHELDON NO. 2
POAP (3/27/63)
1966 (12/27/63)
18 hr SI Wellhead Pressure
2028 (7/16/62)
1820 (9/3/64)
1788 (12/2/65)
1766 (3/27/63)
USA JENNINGS NO. 1
1717 (9/3/64)
Cumulative Oil Production, M Bbls.

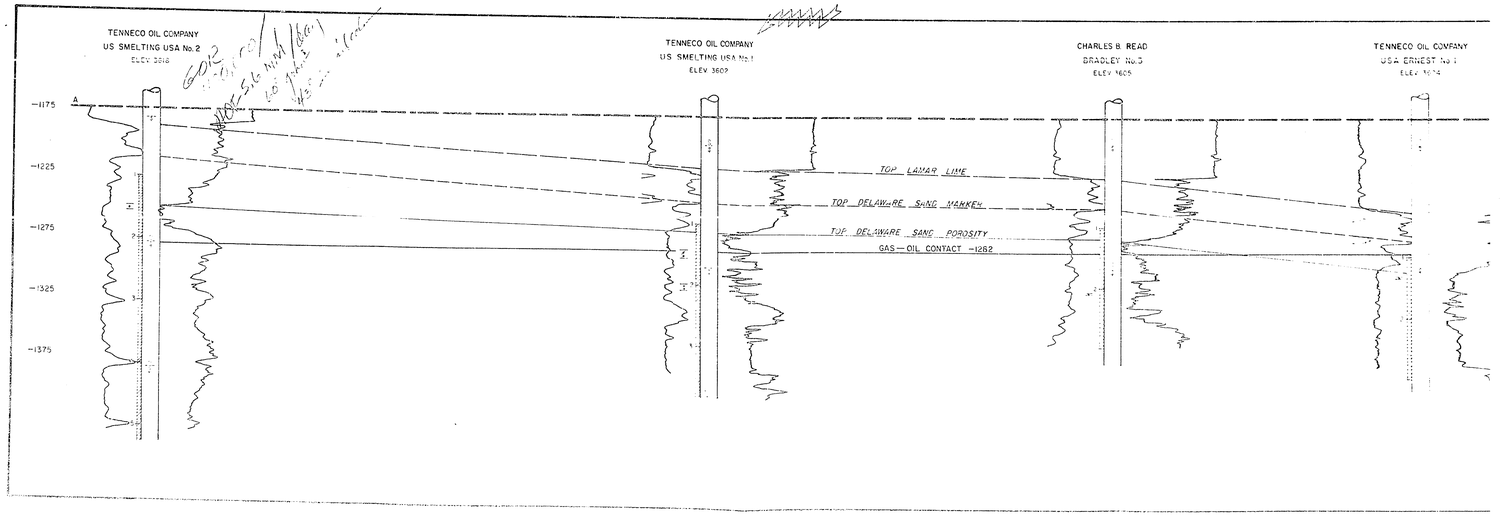

DOUBLE X DELAWARE POOL
Lea County, New Mexico
Production Statistics
10,000
1,000
100
Barrels/Month
MCF
1000
100
20
10
0
Gas
Water
Oil
1951
1952
1953
1954
1955

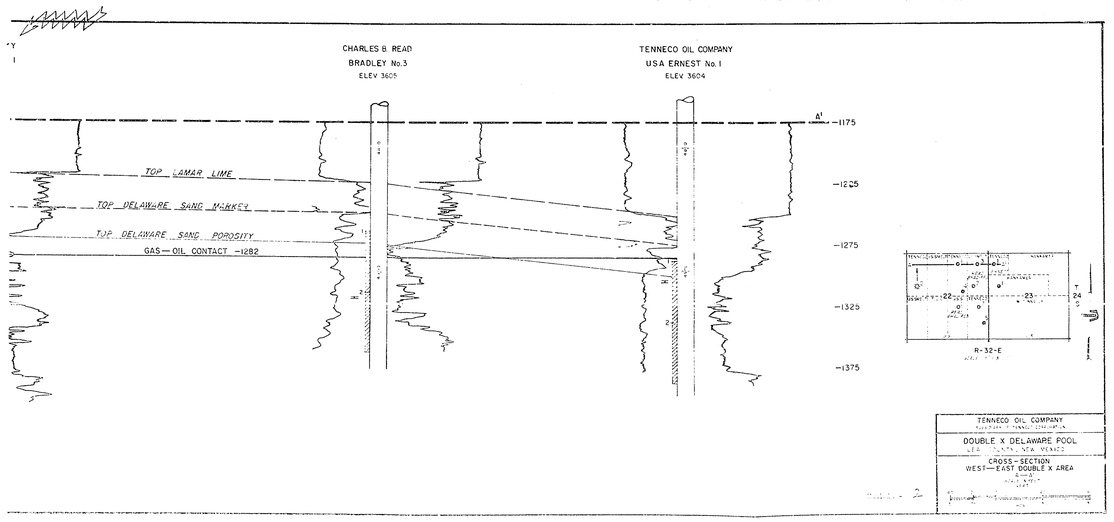

R-32-E
T
24
S
U S
Shell
Continental
C Hankamer
Continental
Continental
Gulf
Gulf
Gulf


R-32-E
T 24 S
U.S.
State
Gulf
Continental
C. Hankamer
Texaco
Tenneco
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 24
CASE NO. 3776
TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION
DOUBLE X DELAWARE POOL
LEA COUNTY, NEW MEXICO
SCALE IN FEET
LEGEND
R-32-E


R-32-E
3
2
1
US State
State
T 24 S
10
15
14
13
12
22
23
TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION
DOUBLE X DELAWARE POOL
LEA COUNTY, NEW MEXICO
ISOPACH — NET GAS PAY
C.I. = 10'
SCALE IN FEET
3000 1500 0 3000 6000
R-32-E


R-32-E
T 24 S
U.S. Shore
State
Gulf
Commercial
H. Manomet
Hanagan Commercial
C. Donahue
U.S.
Morgan
Tarrant
Phillips
Amerada
Continental
Mobil
Texaco
Sun
Gulf
Shell
Pan Am
Humble
Skelly
Cities Service
Kerr-McGee
Hudson Thomson
Tenneco
Western Nuclear
15
14
13
22
23
TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION
DOUBLE X DELAWARE POOL
LEA COUNTY, NEW MEXICO
STRUCTURE
TOP DELAWARE SAND, POROSITY
SCALE IN FEET
2000 1000 0 C.I. = 10 2000 4000
( ) POROSITY NOT DEVELOPED
GAS-OIL CONTACT
R-32-E


TENNECO OIL COMPANY
US SMELTING USA No. 2
ELEV. 3518
TENNECO OIL COMPANY
US SMELTING USA No. 1
ELEV. 3609
CHARLES B. READ
BRADLEY No. 3
ELEV. 1605
TENNECO OIL COMPANY
USA ERNEST No. 1
ELEV. 1614
A
-1175
-1225
-1275
-1325
-1375
TOP LAMAR LIME
TOP DELAWARE SAND MARKER
TOP DELAWARE SAND POROSITY
GAS—OIL CONTACT -1282

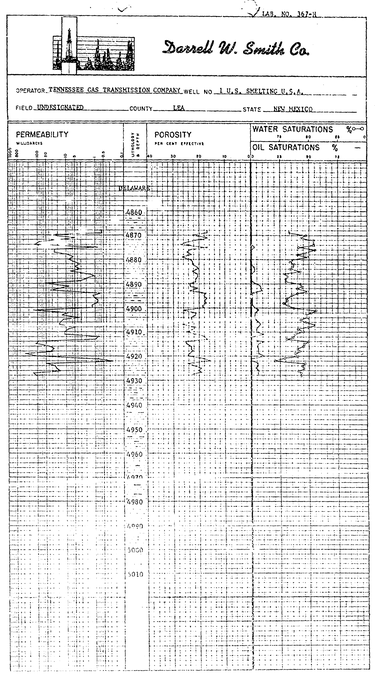

CHARLES B. READ
BRADLEY No.3
ELEV. 3605
TENNECO OIL COMPANY
USA ERNEST No.1
ELEV. 3604
A
A'
-1175
-1225
-1275
-1325
-1375
TOP LAMAR LIME
TOP DELAWARE SAND MARKER
TOP DELAWARE SAND POROSITY
GAS — OIL CONTACT -1282
22
23
T 24 S.
R-32-E
TENNECO OIL COMPANY
DOUBLE X DELAWARE POOL
LEA COUNTY, NEW MEXICO
CROSS-SECTION
WEST — EAST DOUBLE X AREA

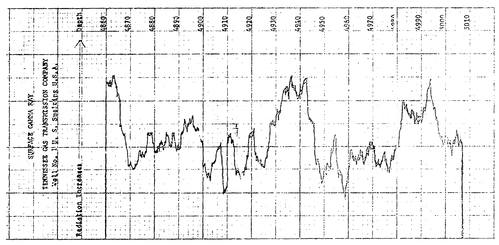
LAS NO. 367-R

Darrell W. Smith Co.

OPERATOR TENNESSEE GAS TRANSMISSION COMPANY WELL NO I.U.S. SMELTING U.S.A.

FIELD UNDESIGNATED COUNTY LEA STATE NEW MEXICO




Indication Horizontale
Indication Verticale
Unité
Echelle
Date
Heure

CORE LABORATORIES, INC. CORE LAB *Petroleum Reservoir Engineering*

COMPANY _____ FILE NO _____

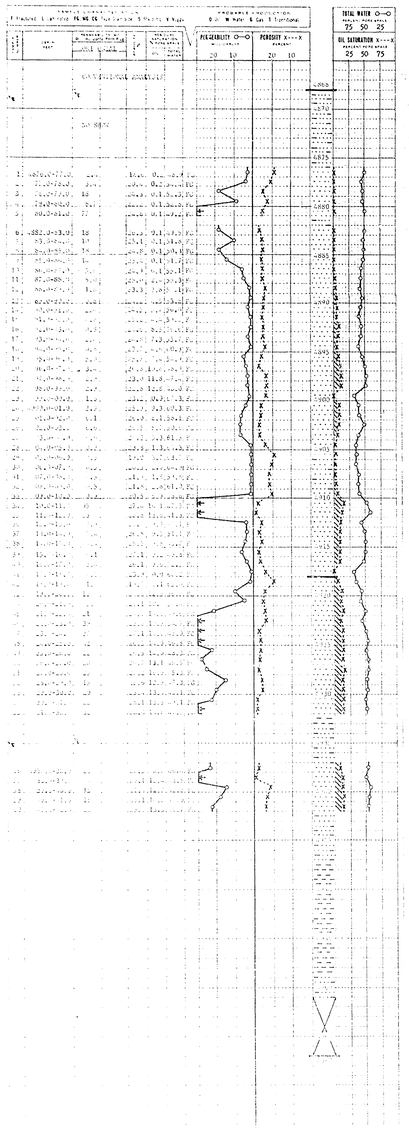
WELL _____ DATE _____ ENGRS _____

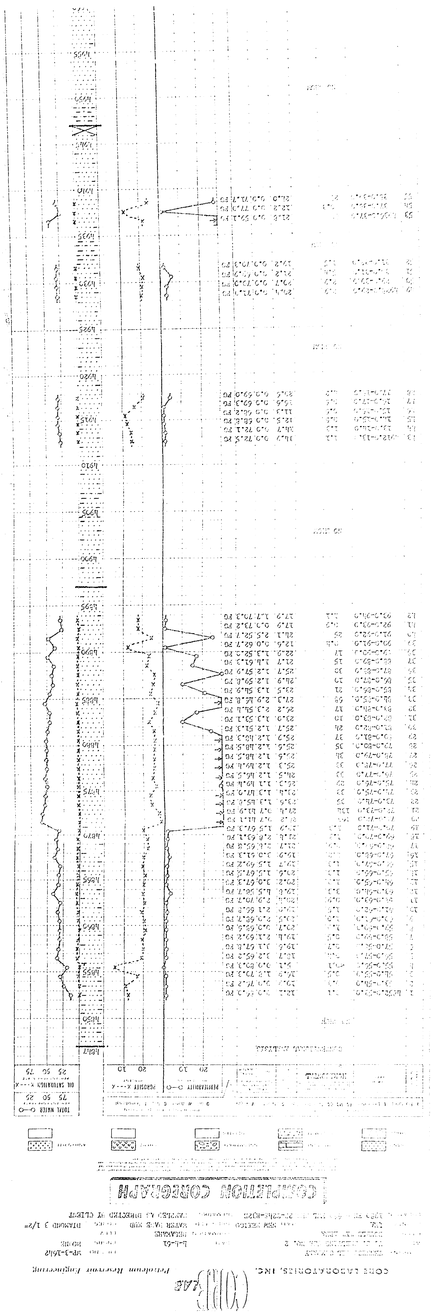
FIELD _____ FORMATION _____ ELEV _____

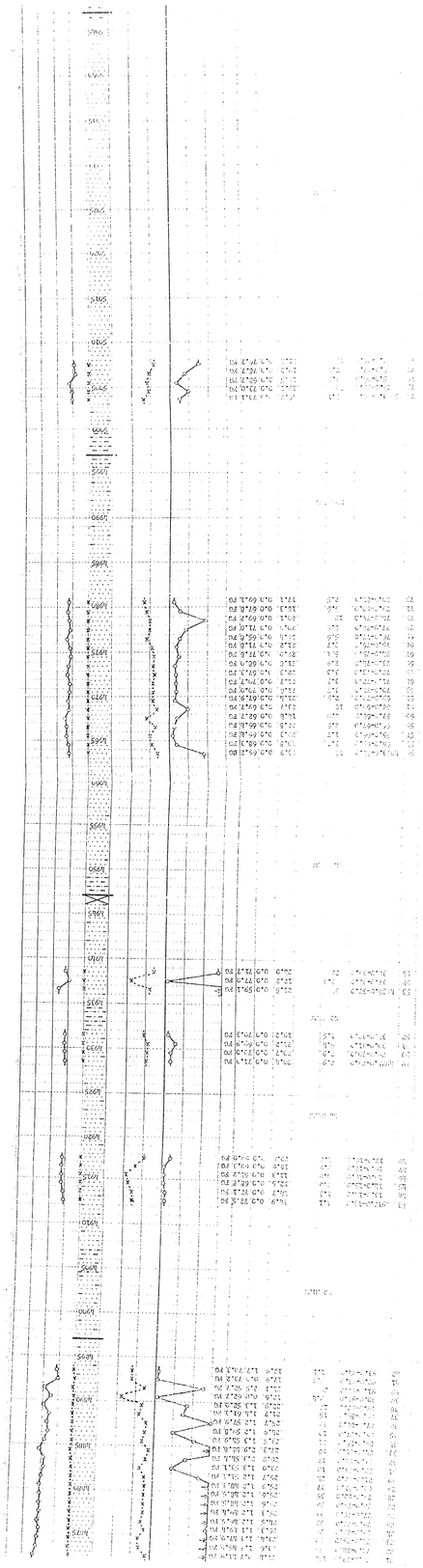
COUNTY _____ STATE _____ DRILL FLD _____ CORES _____

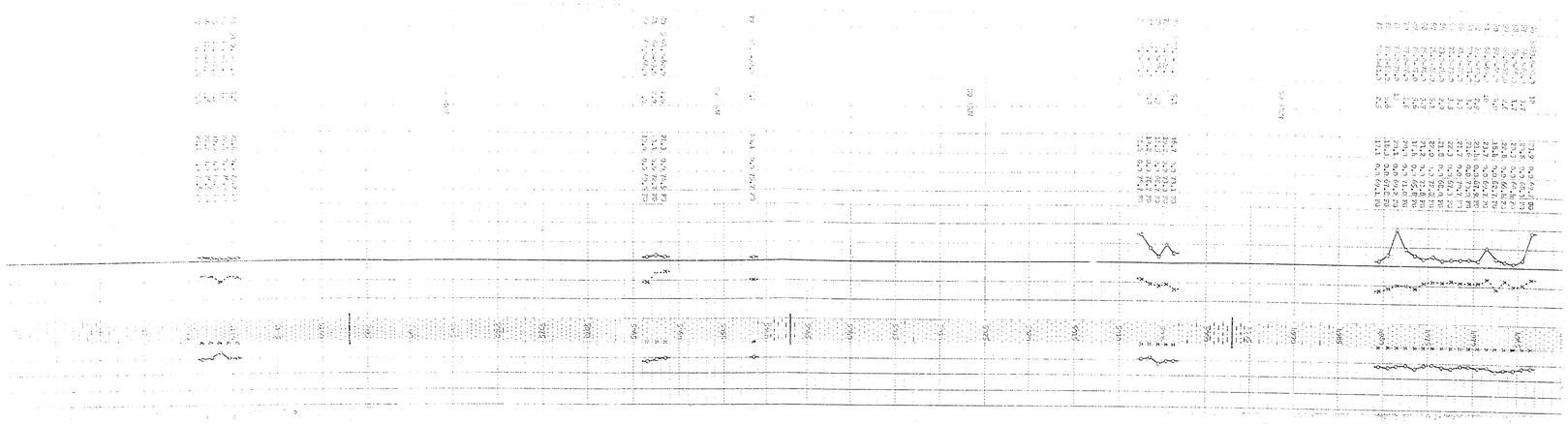
LOCATION _____ REMARKS _____

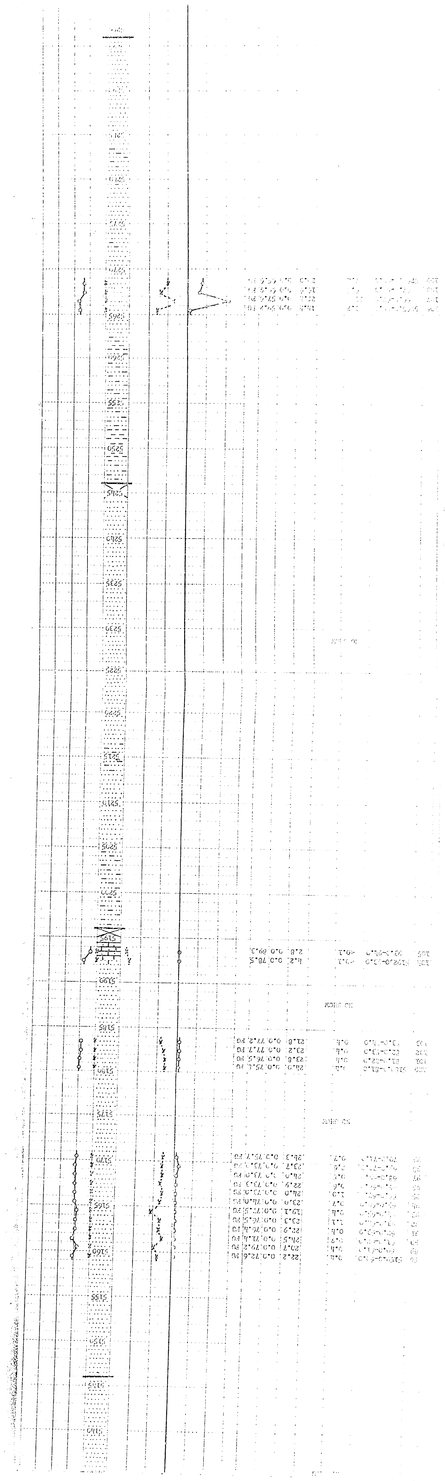
COMPLETION COREGRAPH




CORRELATION CORRELOGRAM







CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

COMPANY TEXACO OIL COMPANY | FIELD DOUBLE "A" AREA | FILE WP-3-1642
WELL U. S. SHELTON USA NO. 2 | COUNTY LEA | DATE 4-1-61
LOCATION 1650 FN & 660 FWL | STATE NEW MEXICO | ELEV.
SEC. 17-T24S-R32E

CORE-GAMMA CORRELATION

VERTICAL SCALE 5" = 100'

CORE-GAMMA SUBSURFACE LOG

GAMMA RAY

COREGRAPH

PERMEABILITY

POROSITY

TOTAL WATER

OIL SATURATION