Case No
4969

Large Exhibits

N.M.O.C.D. MICROGRAPHICS

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF CASE NO. 4969 BEING
REOPENED PURSUANT TO THE PROVISIONS OF
ORDER NO. R-4557 WHICH ORDER ESTABLISHED
A SPECIAL DEPTH BRACKET ALLOWABLE FOR THE
TOCITO DOME-PENNSYLVANIAN "D" OIL POOL,
SAN JUAN COUNTY, NEW MEXICO.

CASE NO. 4969
Order No. R-4557-C

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 21 1976, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this day of May, 1975, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That by Order No. R-4557, dated June 25, 1973, a temporary special depth bracket allowable of 764 barrels of oil per day was established for the Tocito Dome-Pennsylvanian "D" Pool, San Juan County, New Mexico, for a period of six months.

(3) That by Order No. R-4557-A, dated January 24, 1974, the temporary special depth bracket allowable was extended for an additional six months.

(4) That by Order No. R-4557-B, dated August 6, 1974, the temporary special depth bracket allowable was continued in full force and effect.

(5) That pursuant to the provisions of Order No. R-4557-B, this case was reopened to allow the operators in the pool to appear and show cause why said special depth bracket allowable should remain in effect.

(6) That the operators in the pool failed to show the necessity or the advisability of continuing the special depth bracket allowable.

(7) That the operators in the pool failed to show that further continuance of the special depth bracket allowable is in the interest of the prevention of waste and the protection of correlative rights.

(8) That the special depth bracket allowable of 764 barrels of oil per day for the Tocito Dome-Pennsylvanian "D" Oil Pool, San Juan County, New Mexico, should be rescinded.

IT IS THEREFORE ORDERED:

(1) That the temporary special depth bracket allowable of 764 barrels of oil per day for the Tocito Dome-Pennsylvanian "D" Oil Pool, San Juan County, New Mexico, is hereby rescinded.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, JR., Member & Secretary

SEAL

N.M.O.C.C. WELL FILE
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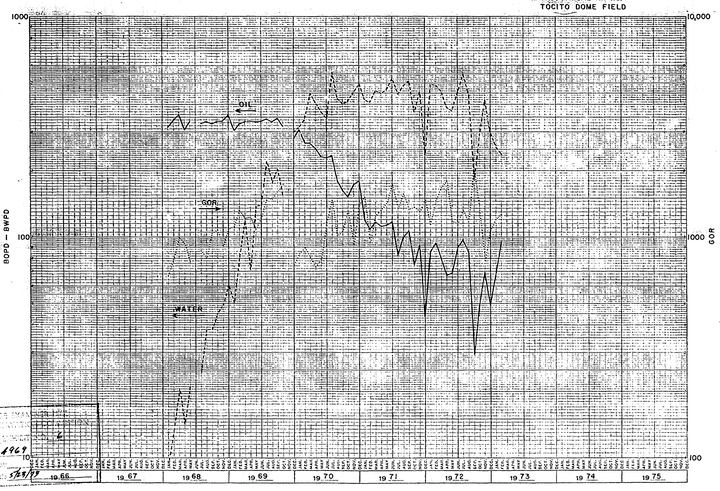
TEXACO INCORPORATED
NAVAJO TRIBAL AR NO. 2
TOCITO DOME FIELD



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OIL CONSERVATION COMMISSION
Aztec
SEP 20 1967
Santa Fe
Hobbs Dist. 9/18/67

U.S.N.M.C.F. MICROGRAPHICS
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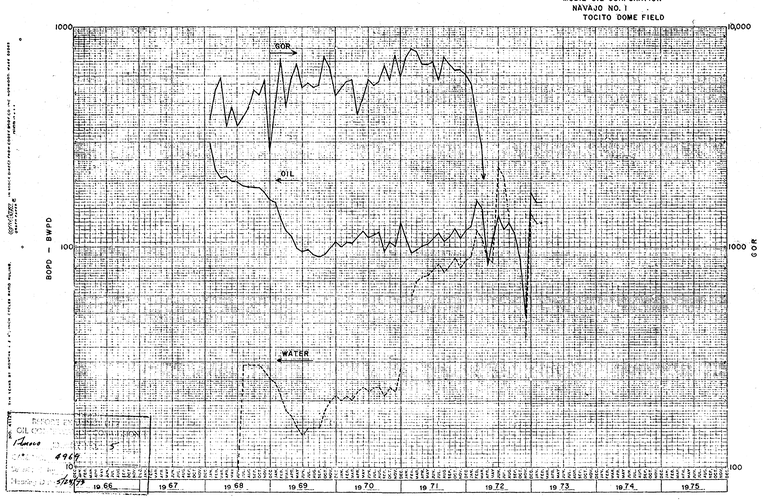
MOBIL OIL CORPORATION
NAVAJO NO. 1
TOCITO DOME FIELD



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WELL TEST DATA - PLOTTING OUTPUT INSTRUCTIONS

MAIL TO LOCATION THAT SUBMITTED JOB REQUEST

SUBMITTING OFFICE CODE DN

OFFICE DENVER

Amoco Prod. Co.

JOB REQUEST - SUBMITTING LOCATION CODE 05 DENVER

JOB NO. 0001

OUTPUT CONTROL IDENTIFIERS

- DIV. OR OPER. AREA
- STATE CODE
- REG. FIELD/POOL CODE
- OPERATING FIELD CODE 0058 TUSCO DOME-PENNSYLVANIAN D
- FLAG 1 LEASE/UNIT
- FLAG 2 WELL#/VERSION CODE
- KEY FOR OUTPUT OF
- OUTSIDE OPER WELLS

BLANK = FOR COMPANY OPER WELLS.
1 = DENOTES WORKING INT. WELLS 2 = DENOTES NON-INT. WELLS.

HORIZONTAL TIME SCALE OPTIONS

- EXTENDED SCALE
- NO OF YEARS
  - DETAILED 5
  - ENDING YEAR 73

BLANK = DENOTES STD OUTPUT OF 5 YRS PER GRAPH
1 = DENOTES THAT EXPANDED SCALE WAS REQUESTED / 5 YRS PER GRAPH

IF GIVEN DENOTES PERIOD SPECIFIED

VERTICAL SCALE OPTIONS = YMAX

- OIL WELLS
  - 24 HR OIL AND WATER CAPACITY BBLS/DAY 0500 24 HR OIL AND GAS PRODUCTION BBLS/DAY AND MCF/DAY
- GAS-OIL RATIO CU FT/BBL 10000 GAS FLUID RATIO CU FT/BBL
- PERCENT WATER CUT PERCENT AND 24 HR WATER PRODUCTION BBLS/DAY

- - L E G E N D - -

OIL WELL GRAPHS
- O = OIL CAPACITY
- W = WATER CAPACITY
- P = PERCENT WATER CUT
- R = GAS-OIL RATIO

GAS WELL GRAPHS
- O = OIL RATE
- G = GAS RATE
- W = WATER RATE
- R = GAS-FLUID RATIO

NOTE CHAR USED WHERE TWO OR THREE VALUES OCCUR AT THE SAME POINT

- X = OIL AND WATER CAPACITIES
- Y = OIL CAPACITY AND PERCENT WATER CUT
- Z = OIL CAPACITY AND GAS-OIL RATIO
- UR = WATER CAPACITY AND GAS-OIL RATIO
- LR = OIL CAPACITY AND GAS-OIL RATIO
- UL = WATER CAPACITY AND PERCENT WATER CUT
- LL = OIL CAPACITY AND GAS-OIL RATIO
- TR = OIL CAPACITY AND PERCENT WATER CUT AND GOR

- X = OIL AND GAS RATES
- Y = OIL AND WATER RATES
- Z = OIL RATE AND GAS-FLUID RATIO
- UR = GAS RATE AND GAS-FLUID RATIO
- LR = OIL AND GAS RATES AND GAS-FLUID RATIO
- UL = WATER RATE AND GAS-FLUID RATIO
- LL = OIL AND WATER RATES AND GAS-FLUID RATIO

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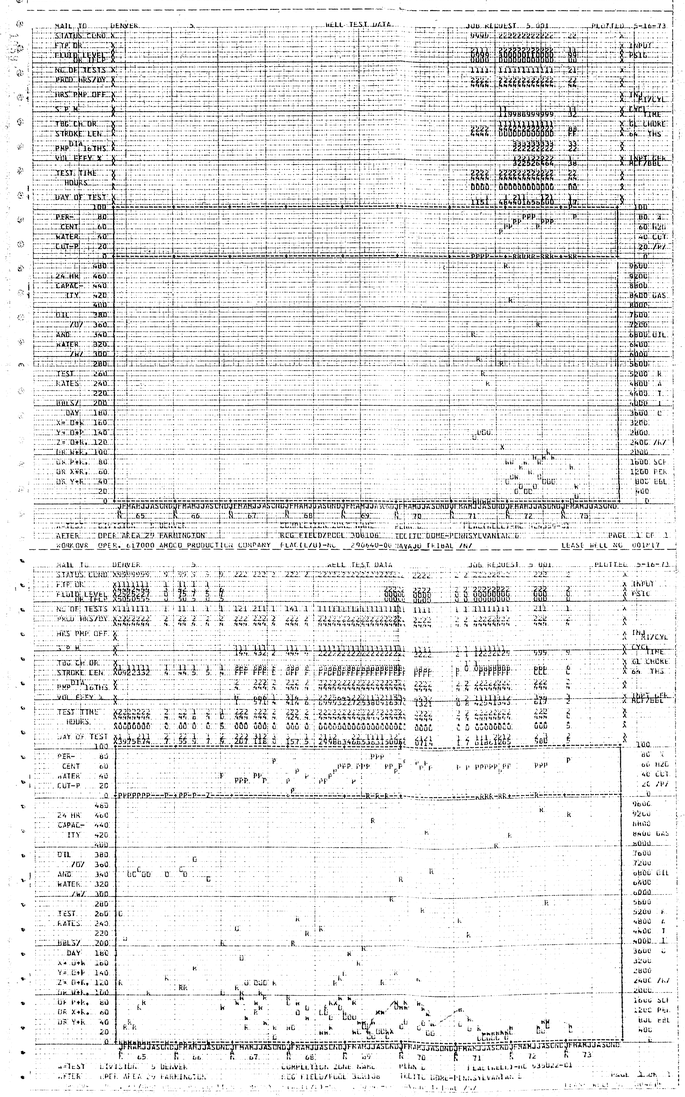
Submitted by ...
Handle Date: 5/23/69



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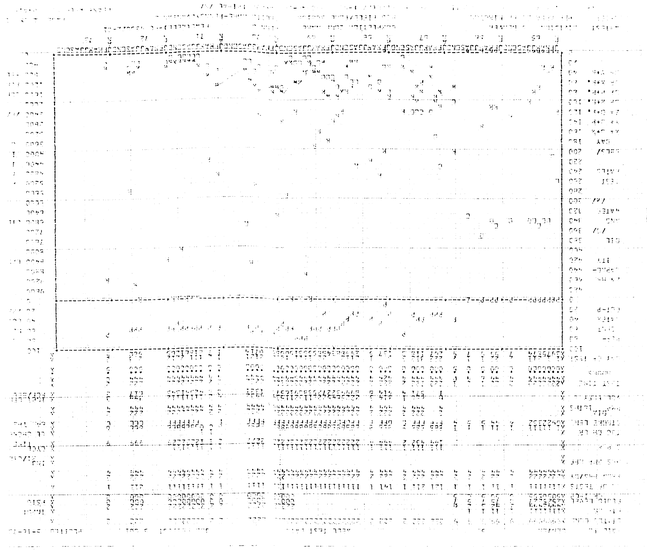

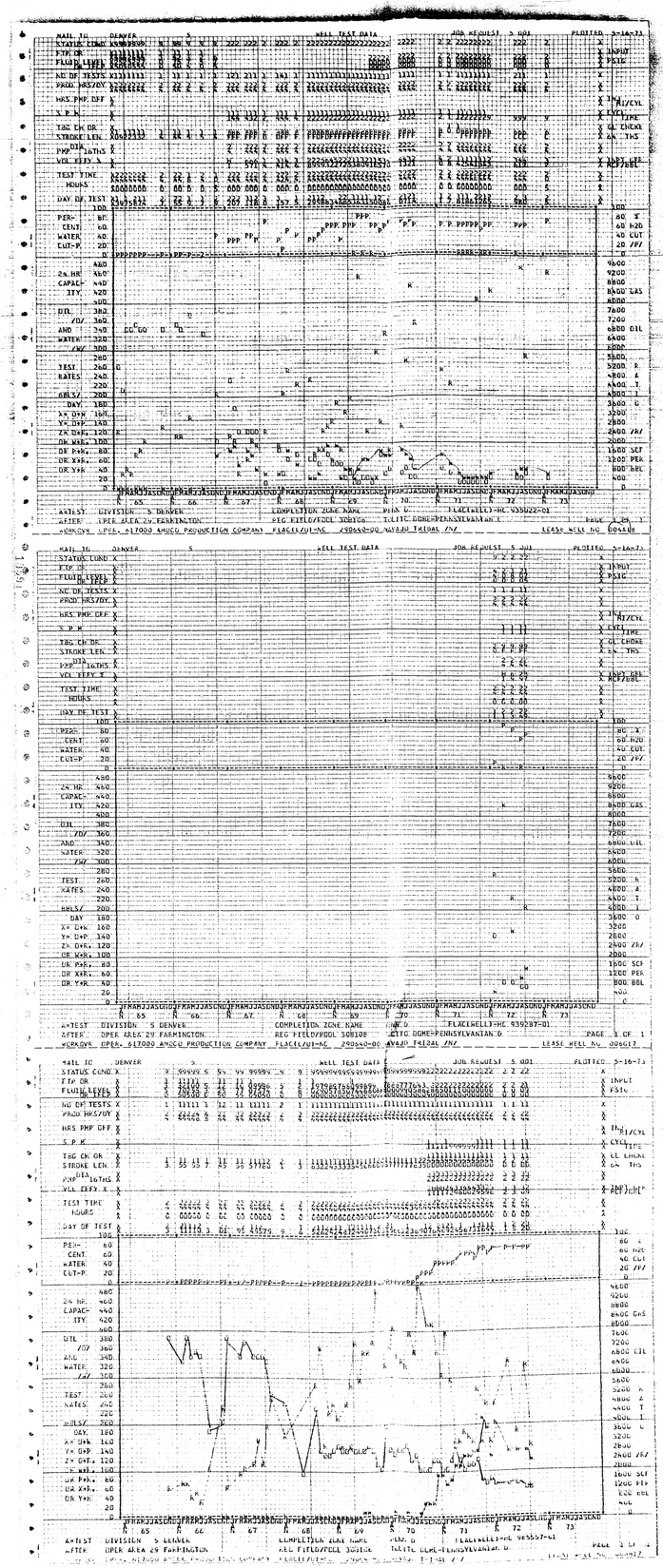

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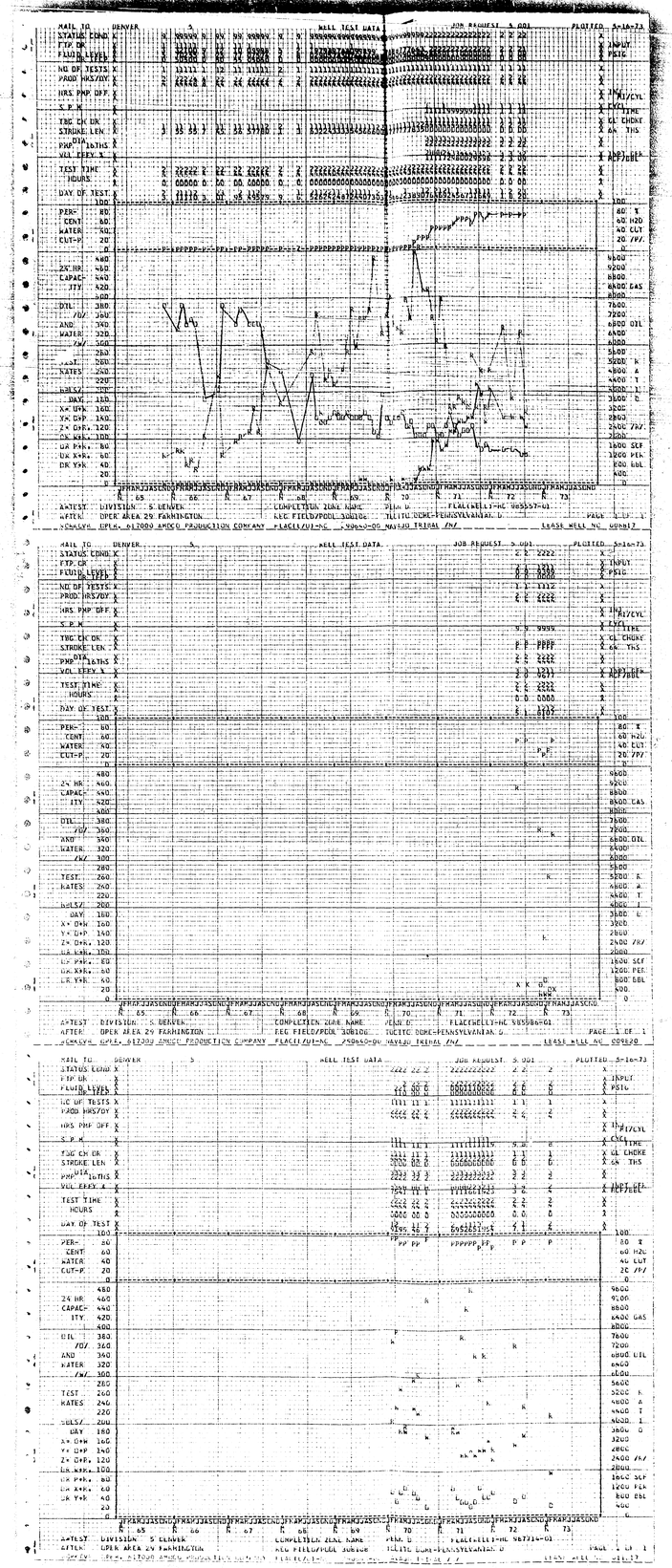

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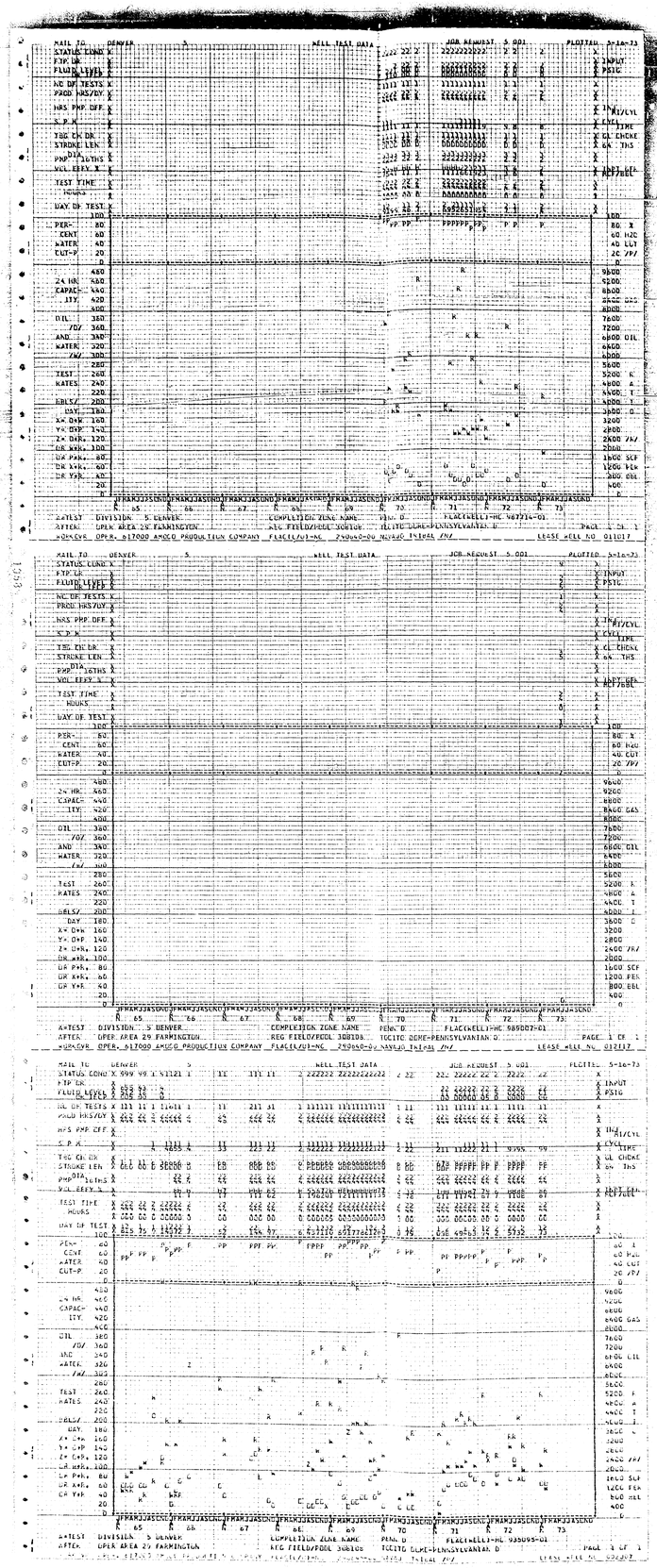

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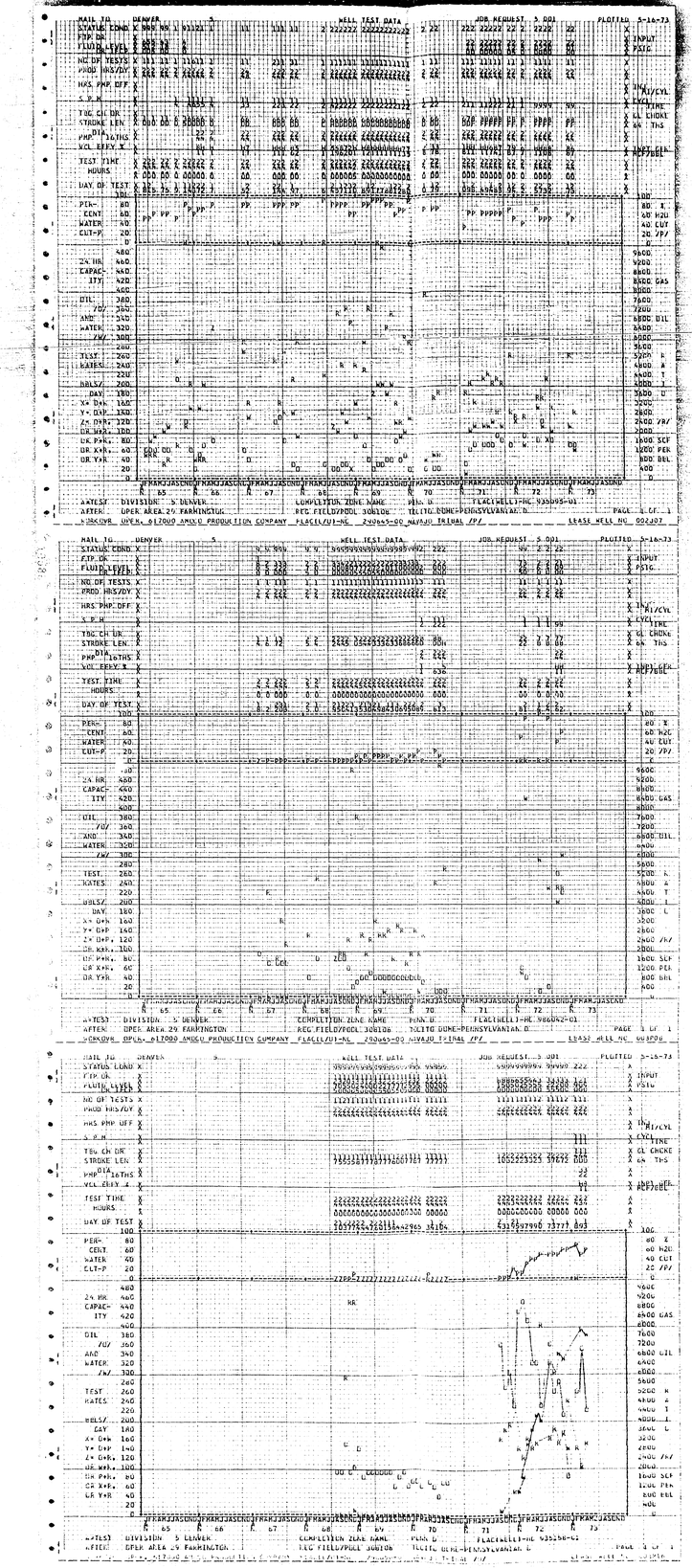

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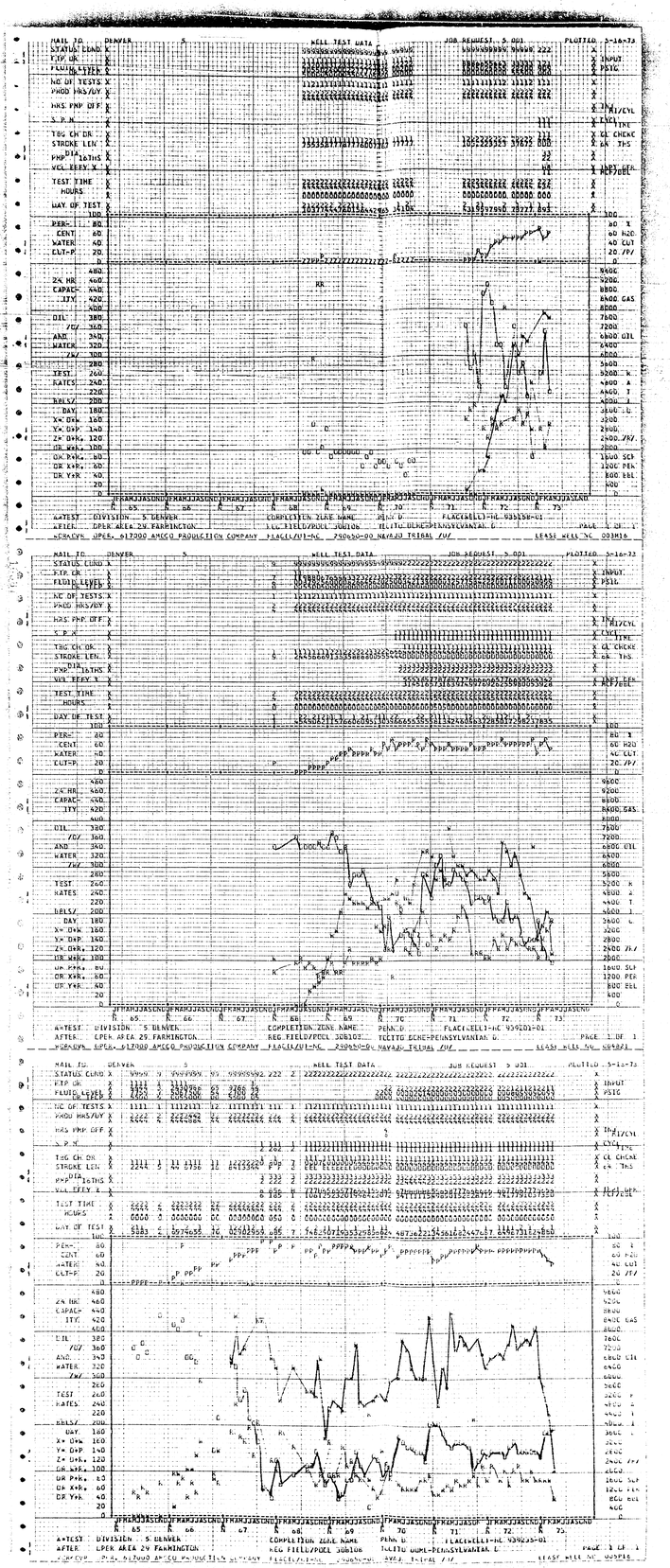

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NATIONAL TECHNICAL INFORMATION SERVICE
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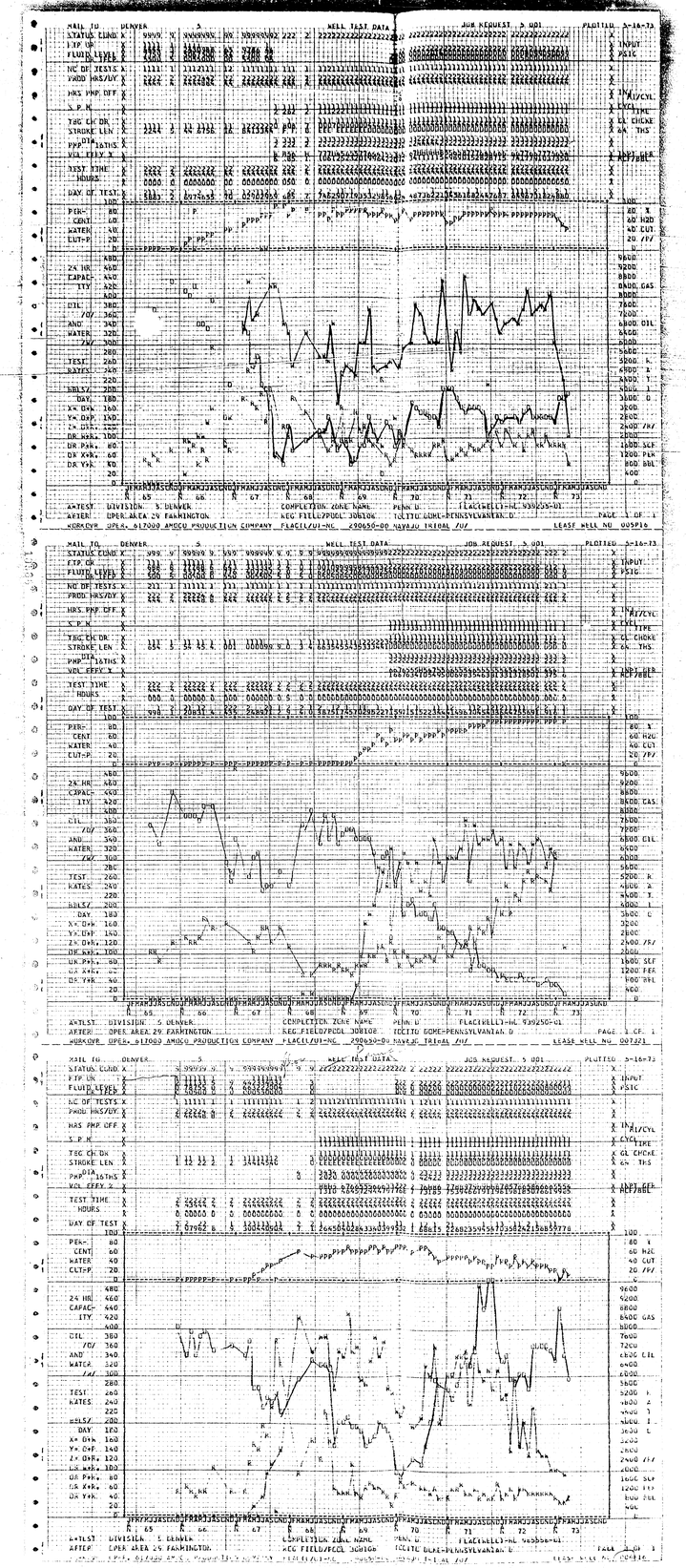

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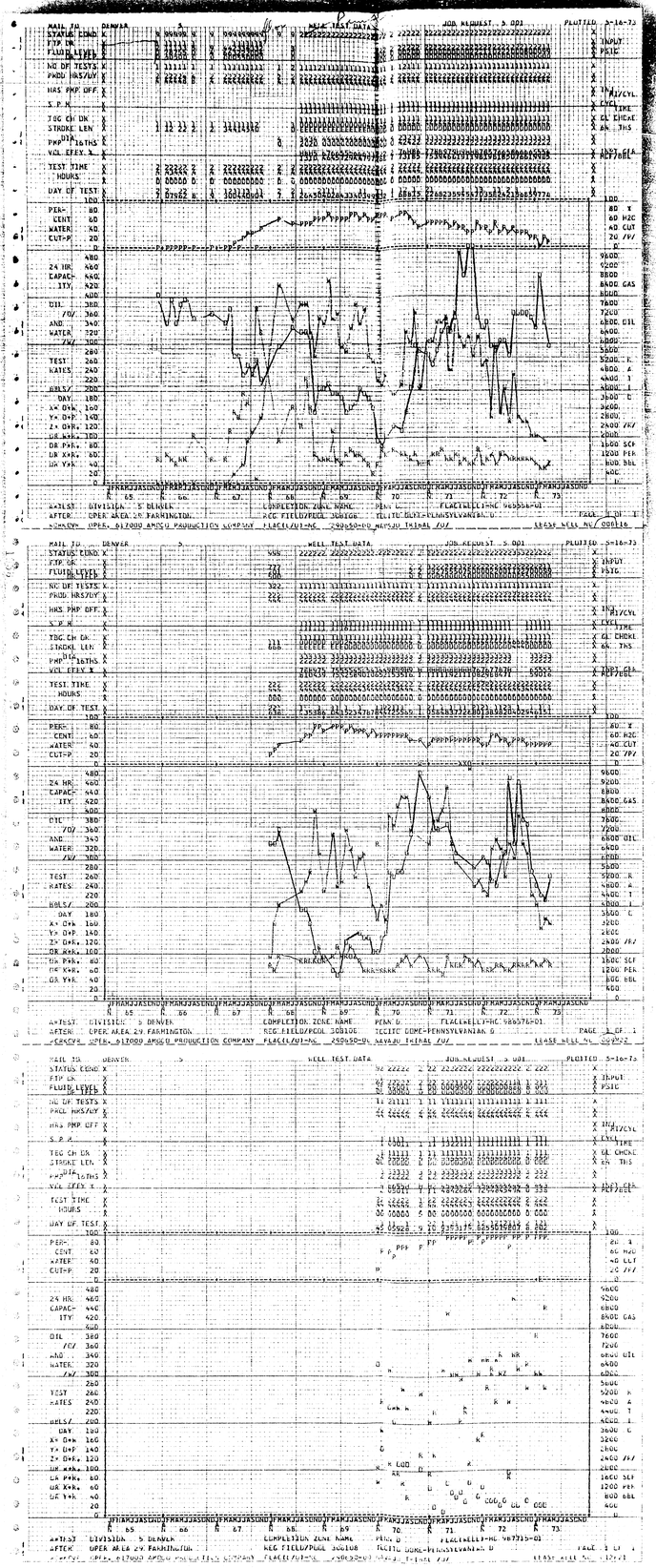

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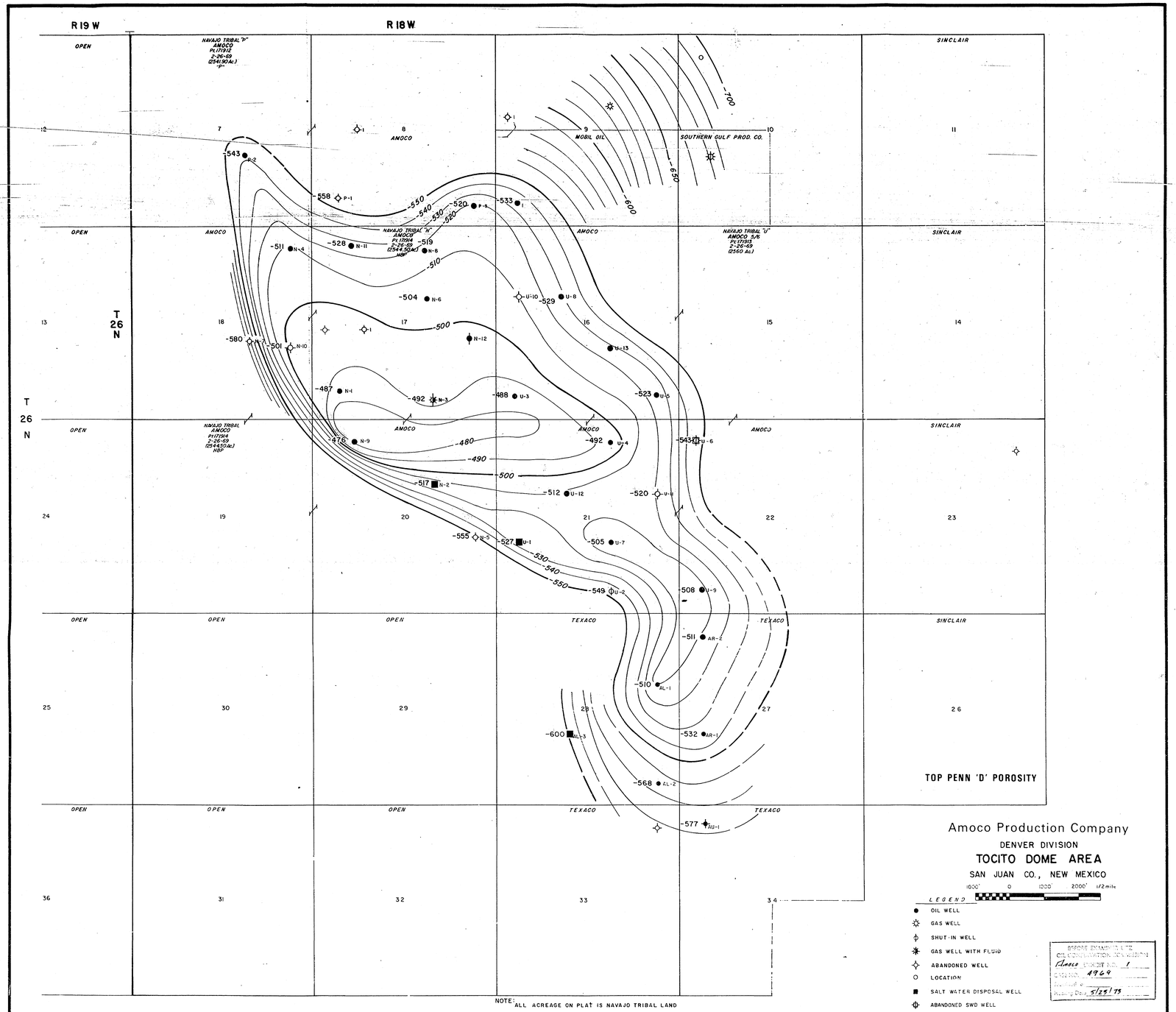

N.M.O.C.C. MICROGRAPHICS
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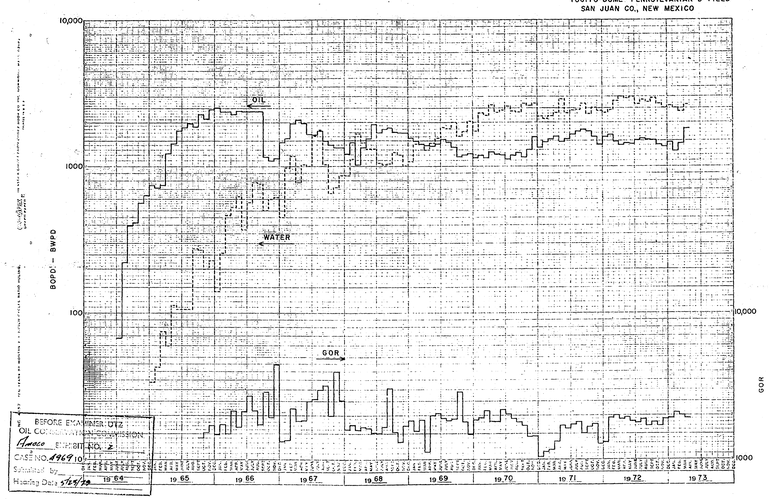
Amoco Production Company -
TOCITO DOME - PENNSYLVANIAN 'D' FIELD
SAN JUAN CO., NEW MEXICO



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Amoco EXHIBIT NO. 2
CASE NO. 4969
Submitted by
Hearing Date 5/24/72

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BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Amoco EXHIBIT NO. 7
CASE NO. 6969
Submitted by:
Hearing Date 5/29/73

24-HOUR TEST DATA - NAVAJO TRIBAL "U" NO. 13

On pump 3:00 p.m., April 14, 1973

Test Date	BOPD	BWPD	TFPD	WOR	# St.	MCFD	GOR	Tbg. Pr.	Csg. Pr.	Sep. Pr.	H2S ppm Conc.	Remarks
4-16-73	681	336	1020	0.49	33	950	1380	250	270	175	762	
4-17-73	756	341	1097	0.45	31	NA	NA	260	270	175	NA	
4-18-73	720	290	1010	0.40	29	982	1364	270	260	175	NA	
4-21-73	827	277	1104	0.34	25	1225	1481	290	270	170	752	
4-22-73	845	313	1158	0.37	30	1167	1375	290	270	170	NA	
4-23-73	716	259	975	0.36	27	1193	1667	290	270	170	744	Oil carryover from separator.
4-29-73	835	261	1096	0.31	24	972	1163	300	290	175	[illegible]	20/64" choke.
5-3-73	847	263	1110	0.31	24	1074	1268	310	290	175	678	20/64" choke.
5-4-73	863	263	1126	0.30	23	1196	1375	310	290	180	684	20/64" choke.
5-6-73	828	231	1059	0.28	22	1213	1465	310	290	180	660	20/64" choke.
5-8-73	859	268	1127	0.31	24	1240	1444	310	290	180	NA	20/64" choke.
5-11-73	860	278	1138	0.32	24	1146	1332	310	290	190	690	20/64" choke.
5-13-73	759	264	1023	0.33	25	1186	1103	310	290	190	706	20/64" choke.

*Pressure is recorded using a Lynes XX-SP bottom hole pressure sentry mounted directly above the submergible pump.

N.M.O.C.C. MICROGRAPHICS
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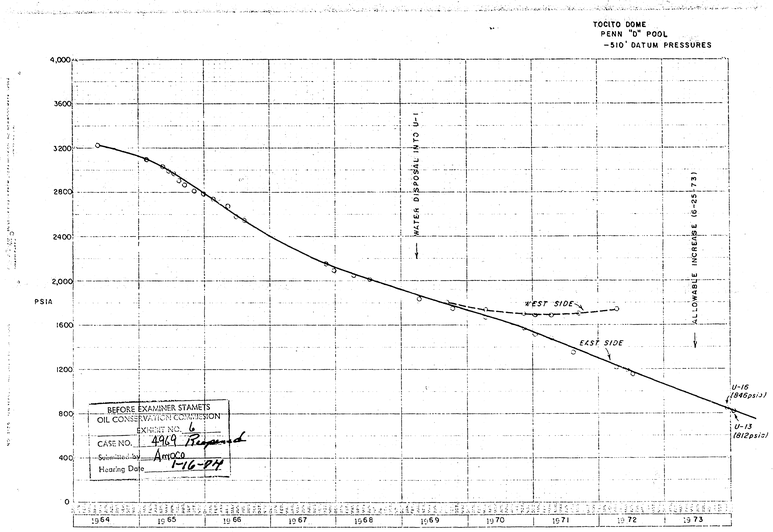

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 6
CASE NO. 4969 Reopened
Submitted by Amoco
Hearing Date 7-16-74

N.M.O.C.D. DOCUMENTS

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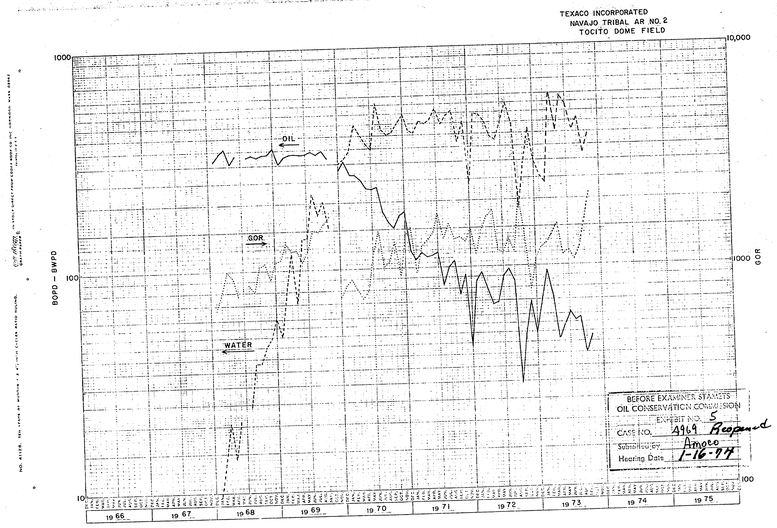

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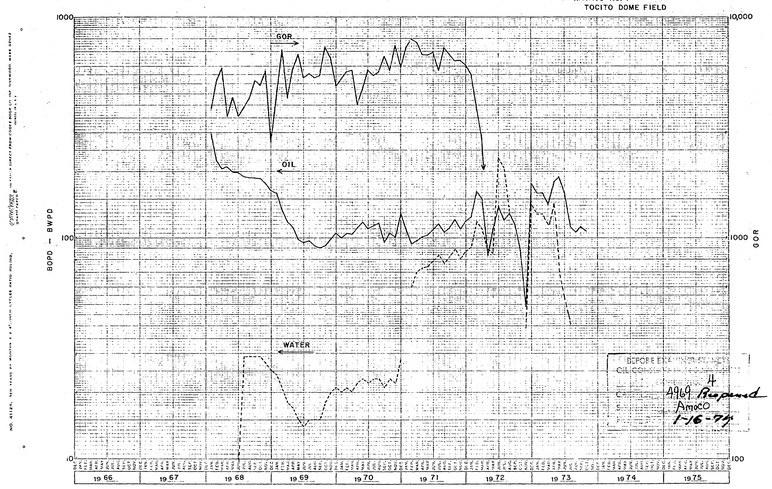
MOBIL OIL CORPORATION
NAVAJO NO. 1
TOCITO DOME FIELD



BEFORE EXAMINER STAMPS
OIL CONSERVATION
EXHIBIT NO. 11
CASE NO. Amoco
6-16-77

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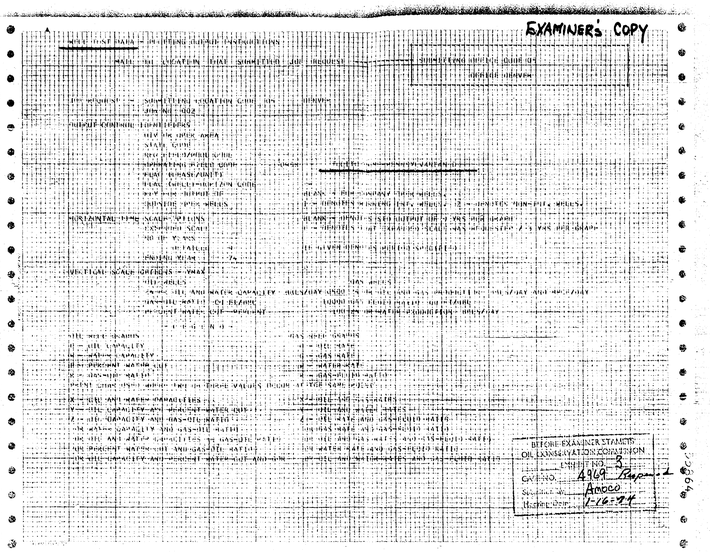
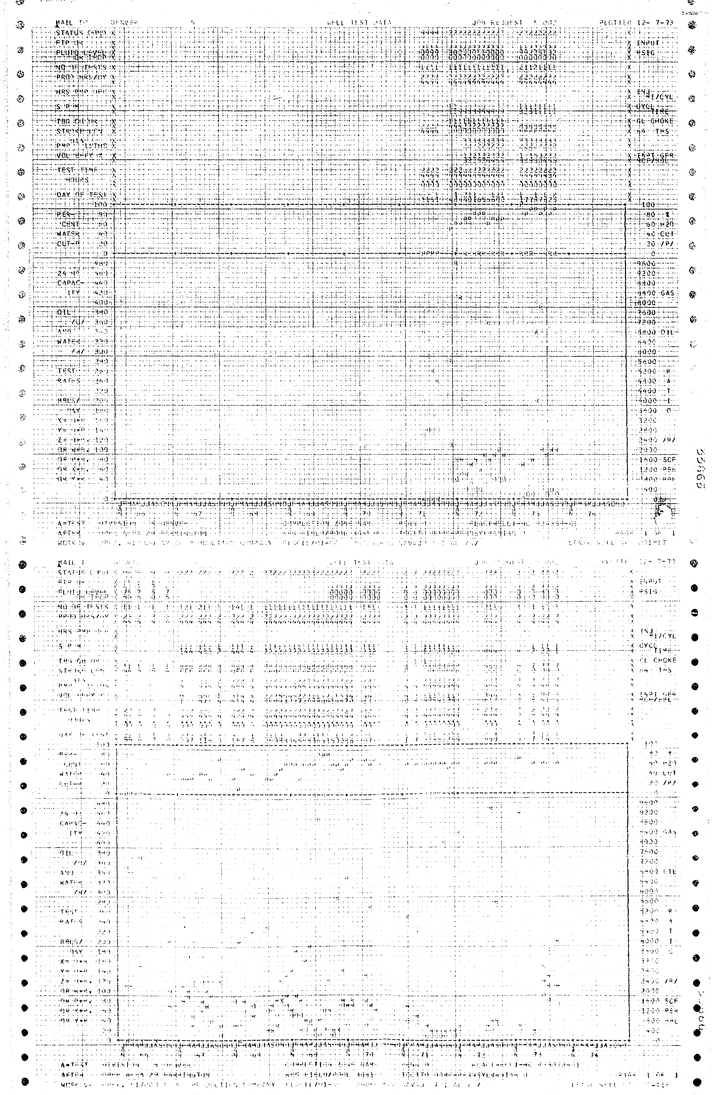


BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 3
CASE NO. 4969 Page 1
Amoco
1-16-74



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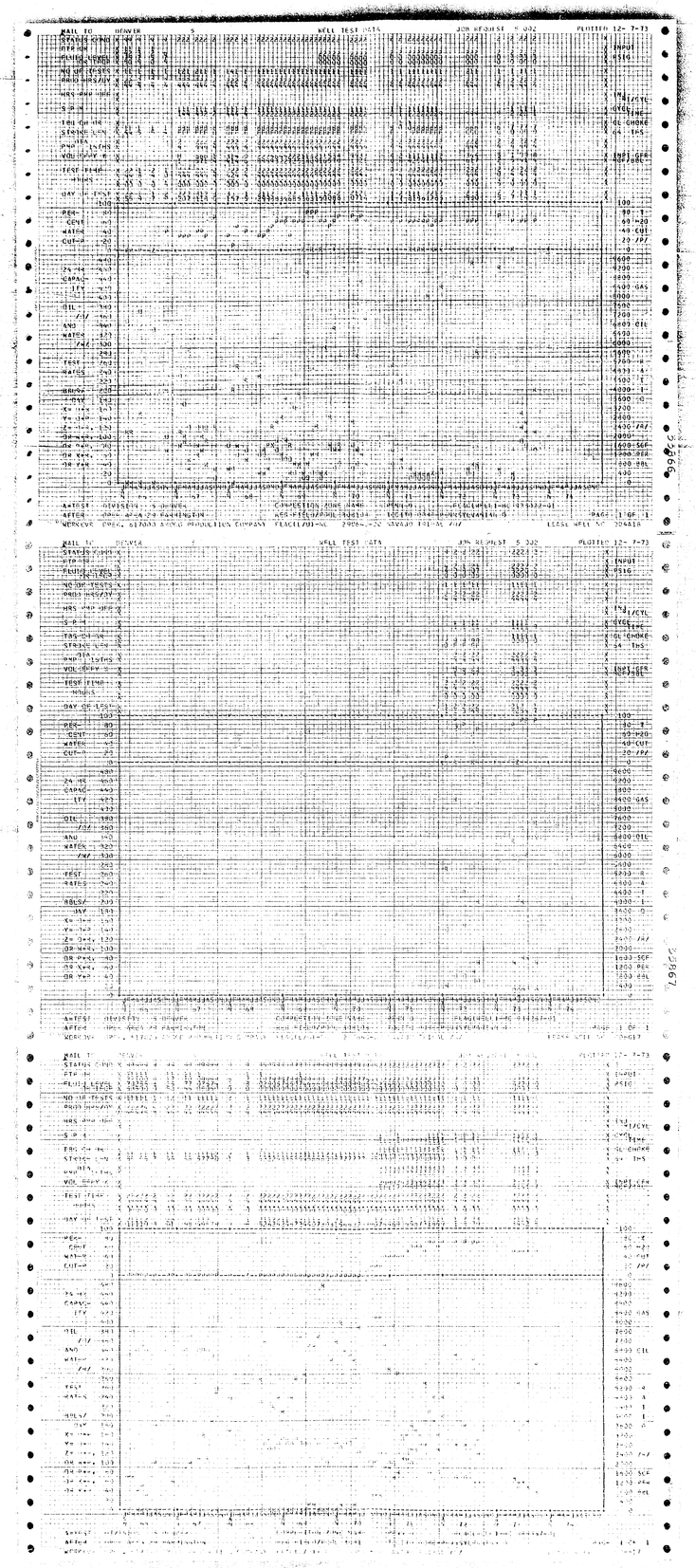

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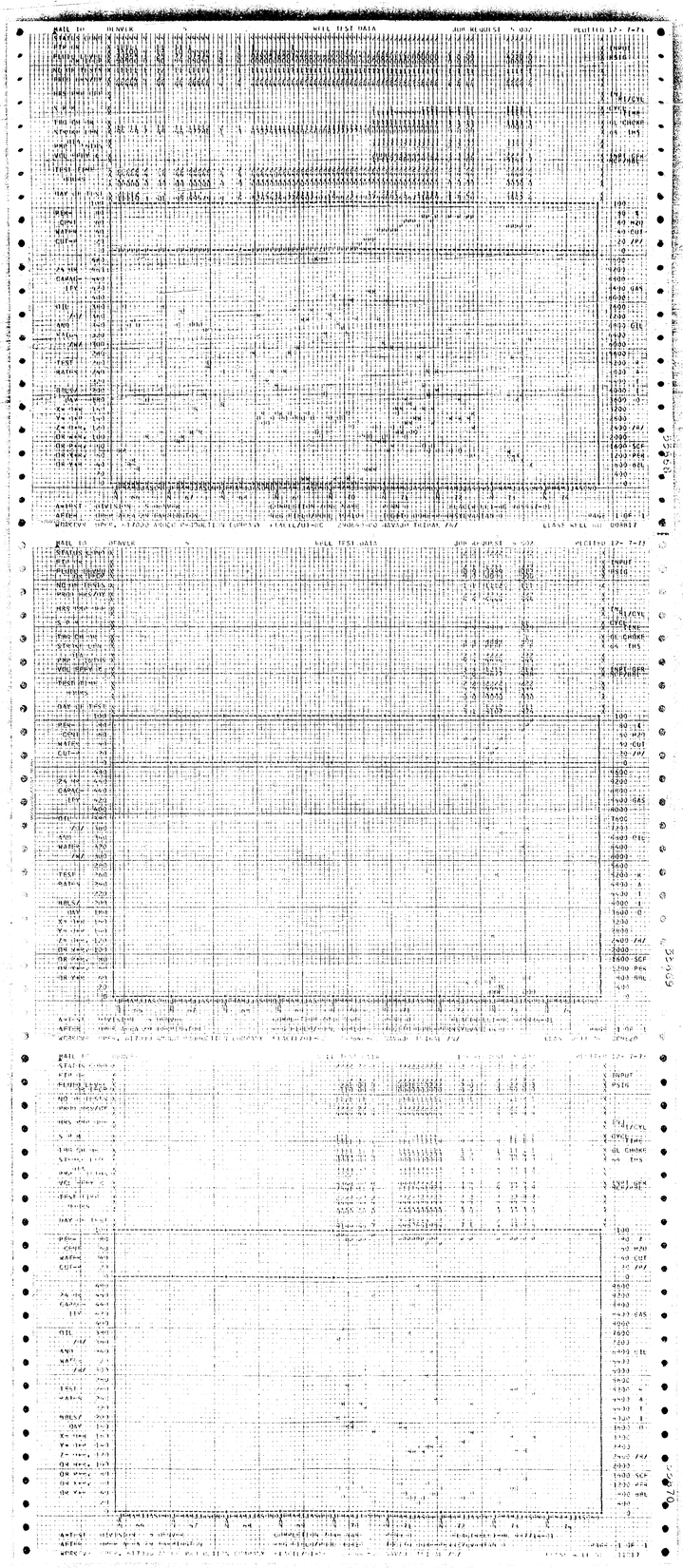

U.S.N.M.P.F. MICROGRAPHICS

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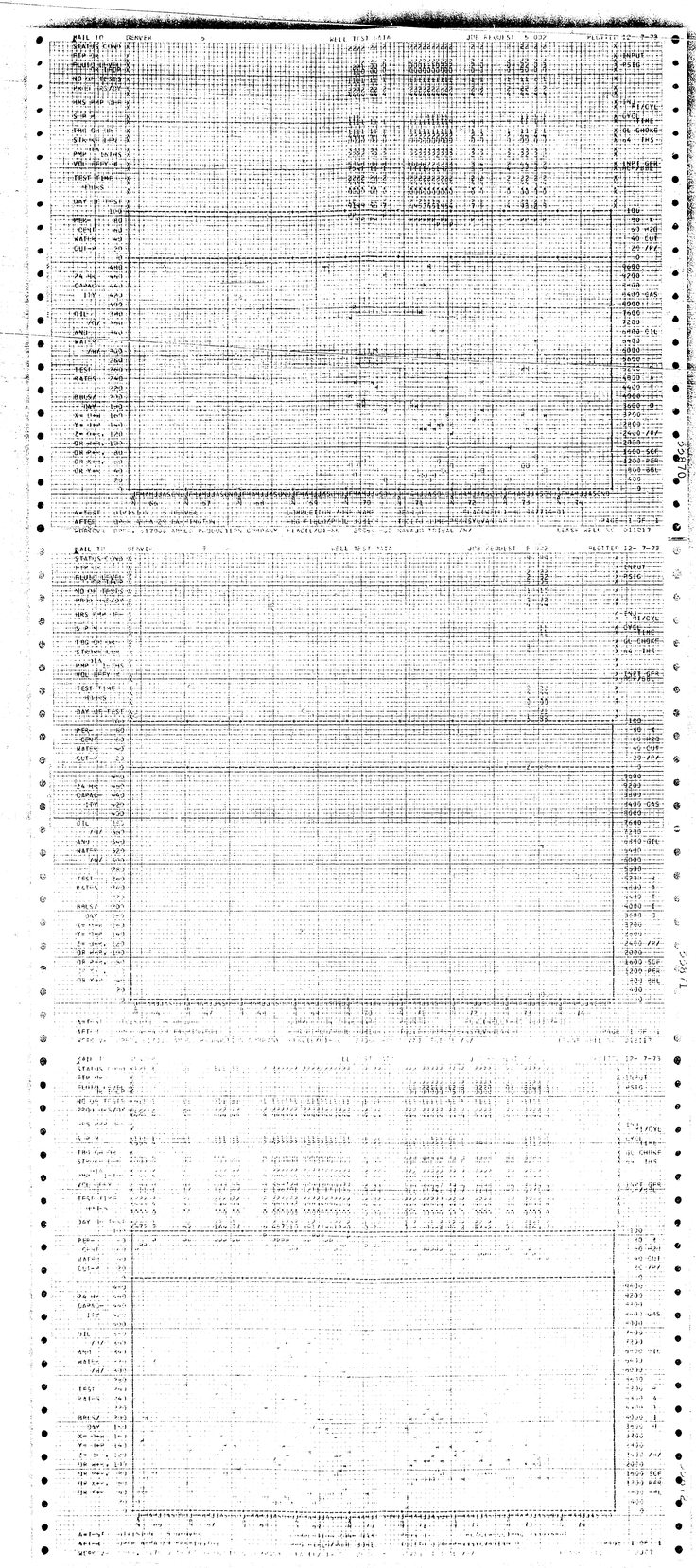

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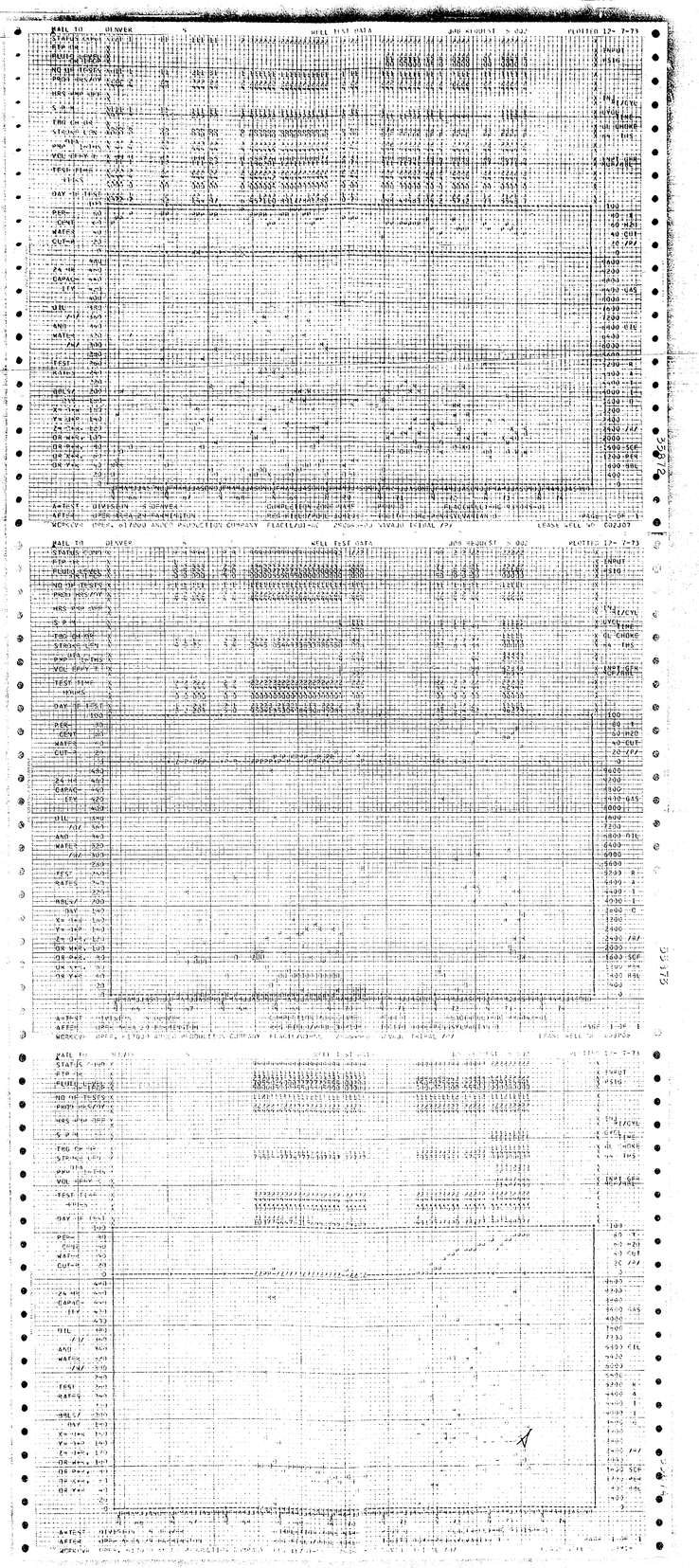

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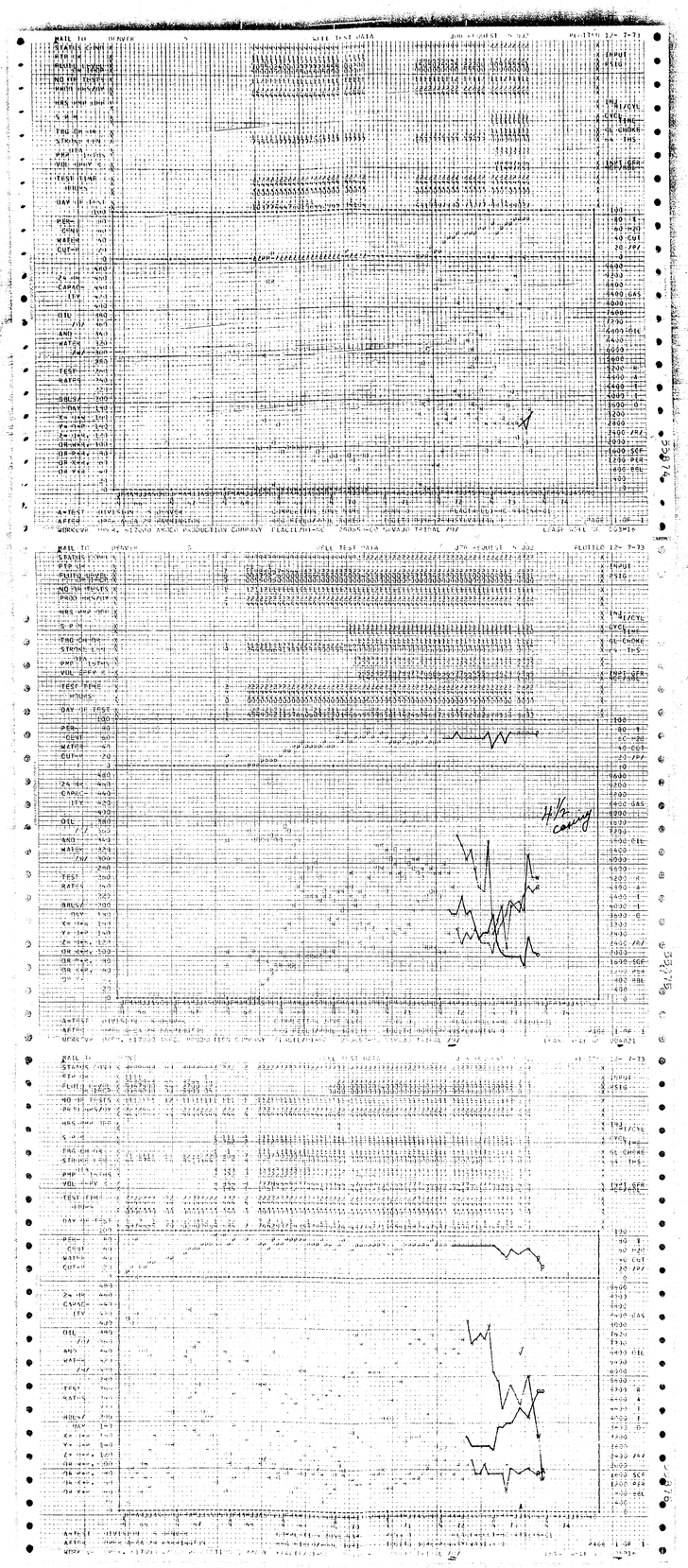

N.M.M.C.F. MICROGRAPHICS

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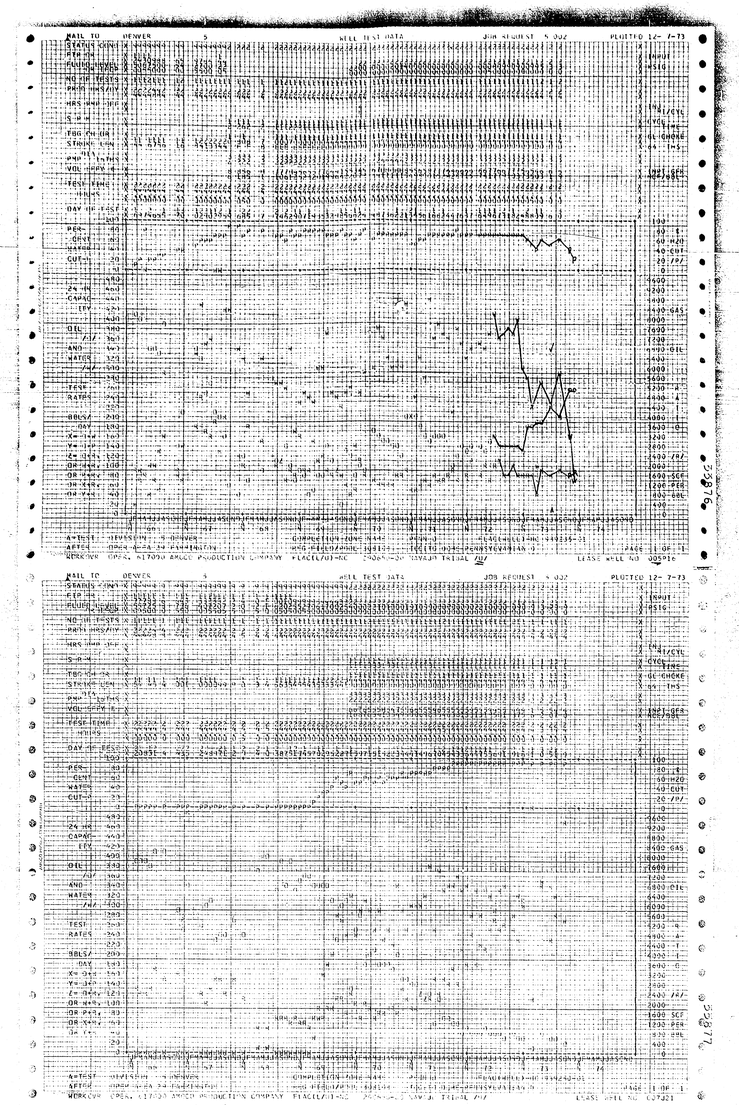

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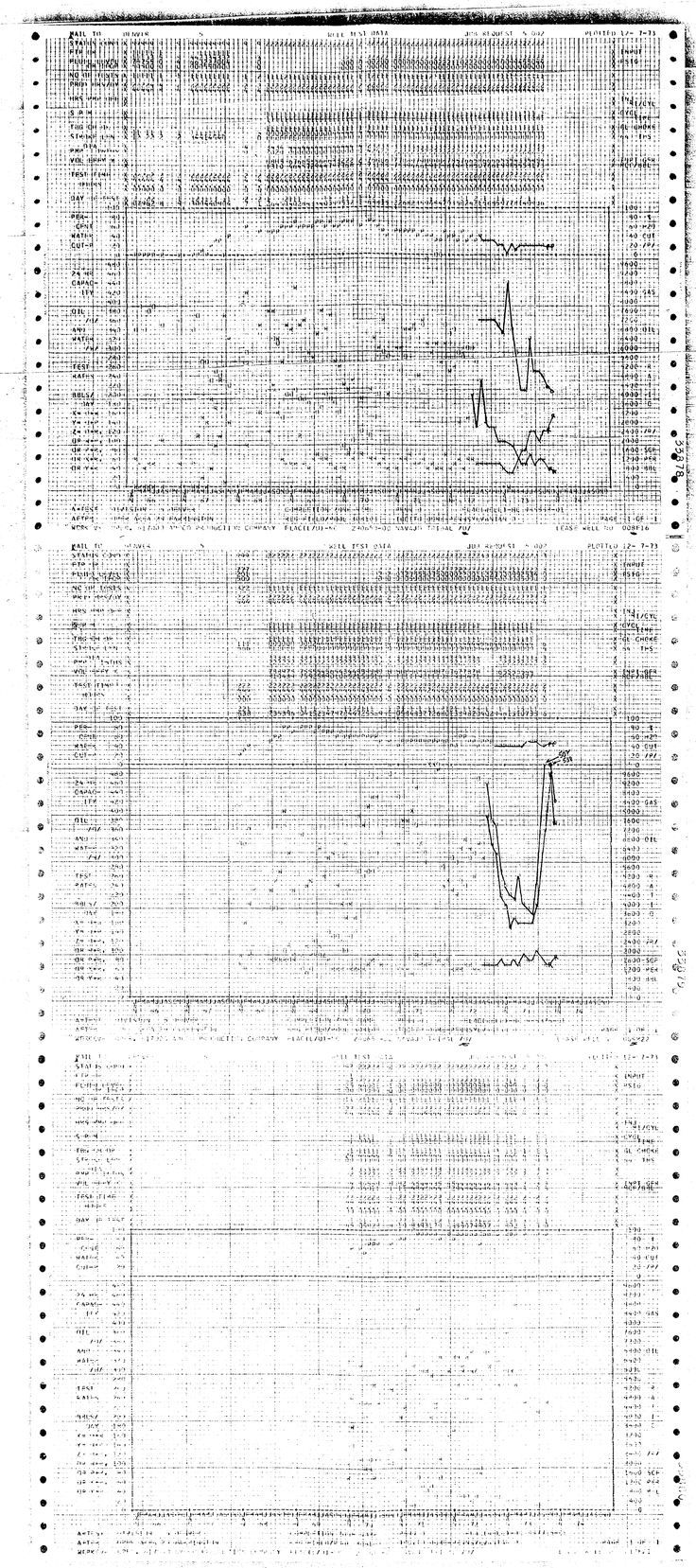

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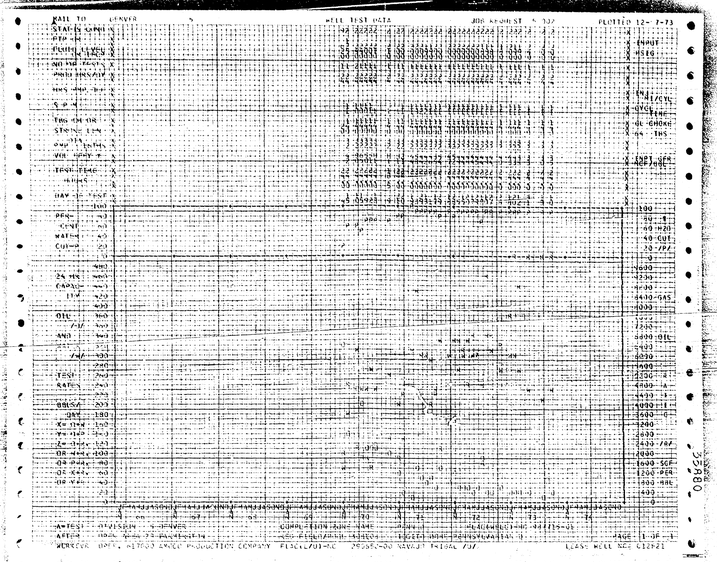

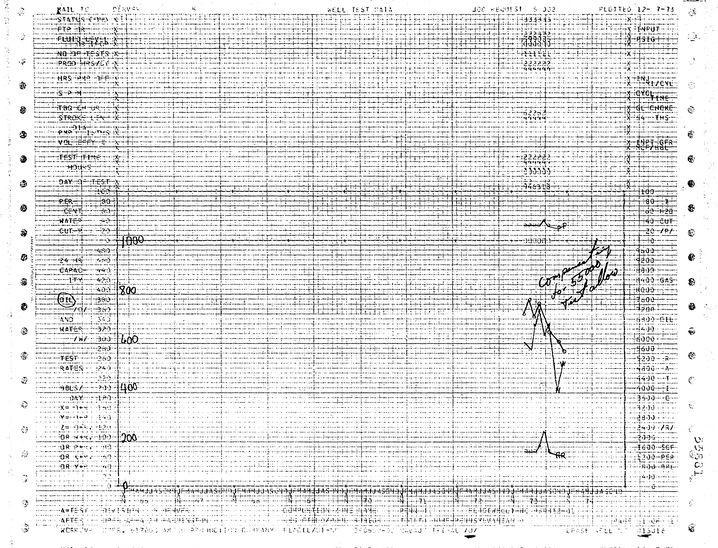

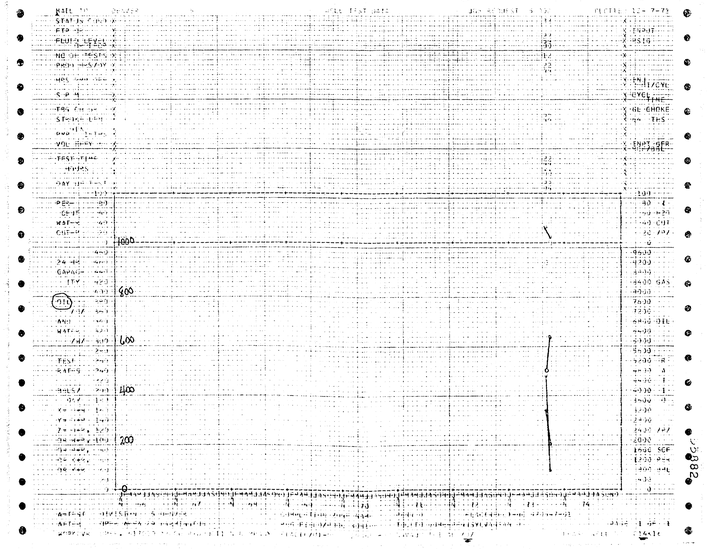

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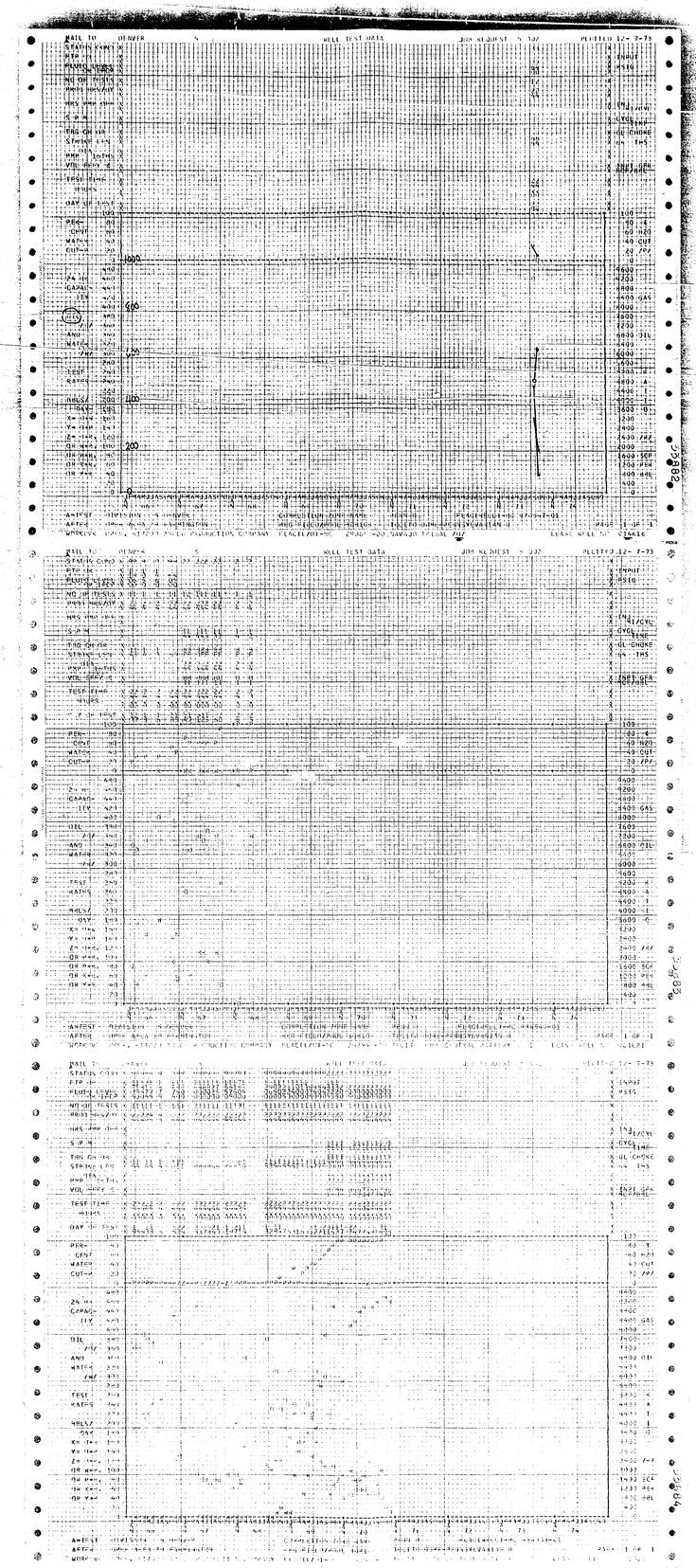

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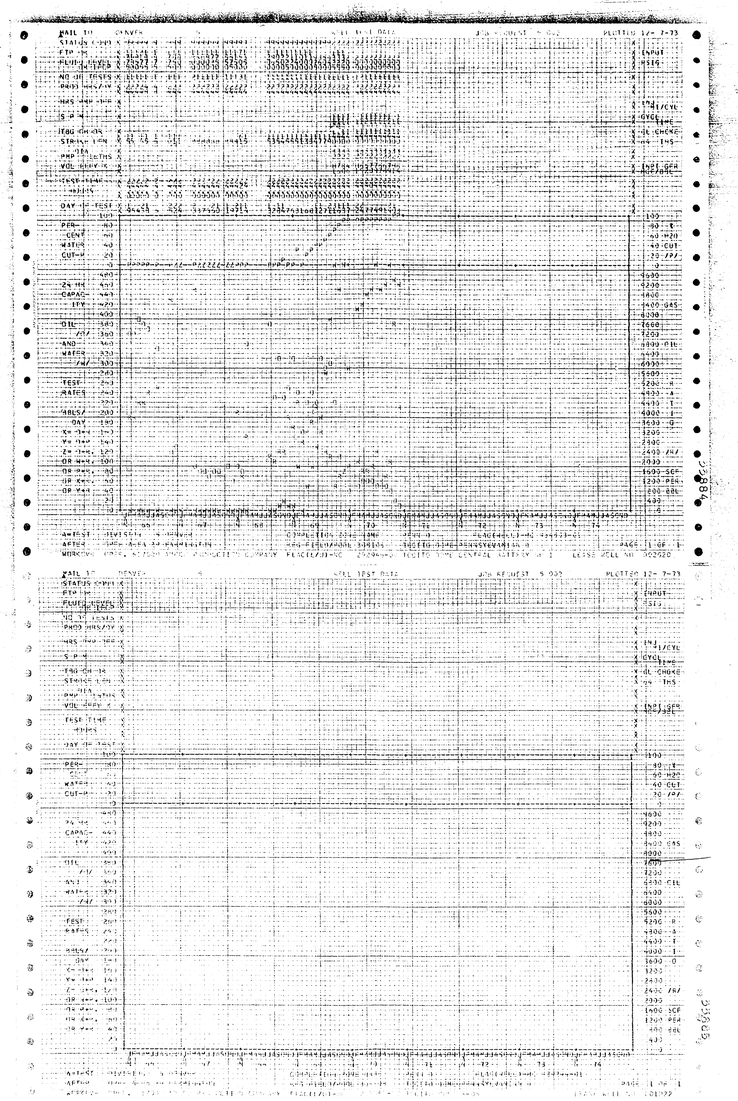

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R19W R18W

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NAVAJO TRIBAL "P" AMOCO PI 171915 2-26-69 (254.90 Ac.) HBP

NAVAJO TRIBAL "N" AMOCO PI 171914 2-26-69 (254.50 Ac.) HBP

NAVAJO TRIBAL AMOCO PI 171913 2-26-69 (254.50 Ac.) HBP

NAVAJO TRIBAL "U" AMOCO S/6 PI 171913 2-26-69 (2560 Ac.)

MOBIL OIL

SOUTHERN GULF PROD. CO.

AMOCO

TEXACO

OPEN

-700 -650 -600 -550 -540 -530 -520 -510 -500 -490 -480

P-4 -543 P-2 -558 P-1 -553 P-3

-511 N-4 -528 N-11 -519 N-8 -504 N-6 -580 N-7 -501 N-10 N-12 -487 N-1 -492 N-3 -488 U-3 -476 N-9 -517 N-2 W I W -555 N-5 -527 U-1 W I W -549 U-2

U-16 12-28-73 IPP 647 BOPD 24 BWPD 1436 GOR (Reda pump)

U-10 -529 U-9 GOR UP

U-14 New 11-1-73 644 BOPD 12 BWPD 1909 GOR (Reda)

U-13 -523 U-8 -492 U-4 GOR UP -543 U-6 -512 U-12 -520 U-11 -505 U-7 -508 U-9 U-15 New

U-19 U-20 U-17

AR-3 -511 AR-2 (Ex 6") -532 AR-1 -568 AL-2 -577 AU-1 -510 AL-1 -600 AL-3 W I W

BP-1 BP-2

TOP PENN 'D' POROSITY

Water line direction

NOTE: ALL ACREAGE ON PLAT IS NAVAJO TRIBAL LAND

BP-3 Amoco Production Company

DENVER DIVISION

TOCITO DOME AREA

SAN JUAN CO., NEW MEXICO

LEGEND

- OIL WELL
- GAS WELL
- SHUT-IN WELL
- GAS WELL WITH FLUID
- ABANDONED WELL
- LOCATION
- SALT WATER DISPOSAL WELL
- ABANDONED SWD WELL

EXAMINER'S COPY

1969 Revised

N.M.O.C.C. MICROFILMED

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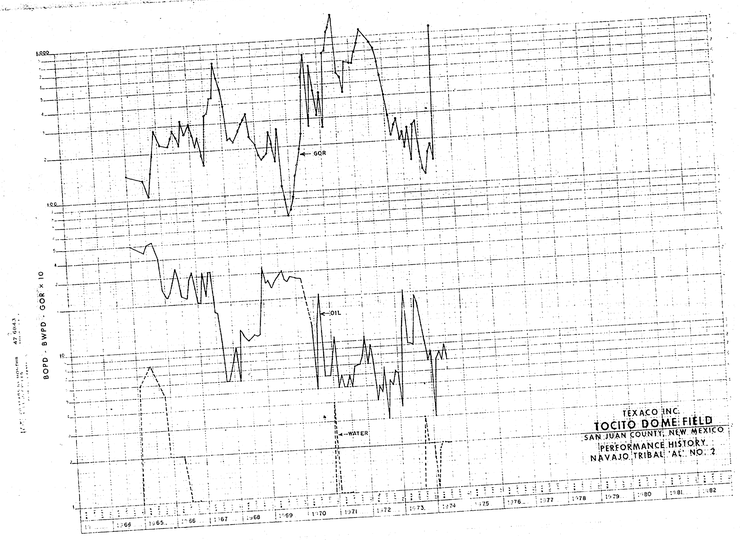

A.R.M.A.C.F. MICROGRAPHICS
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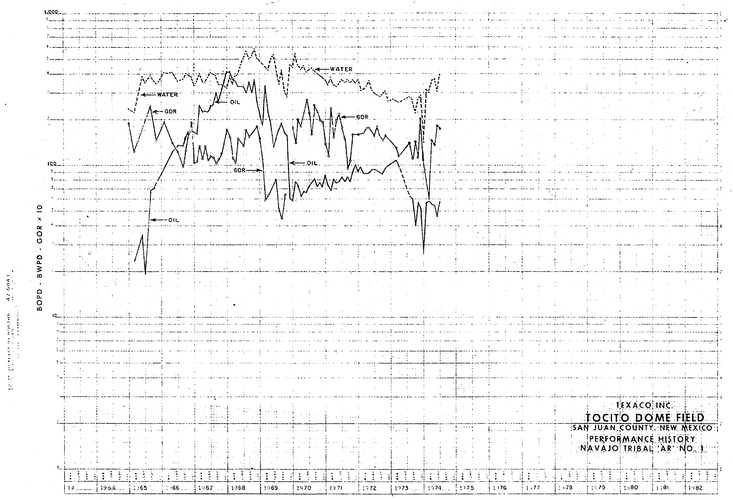

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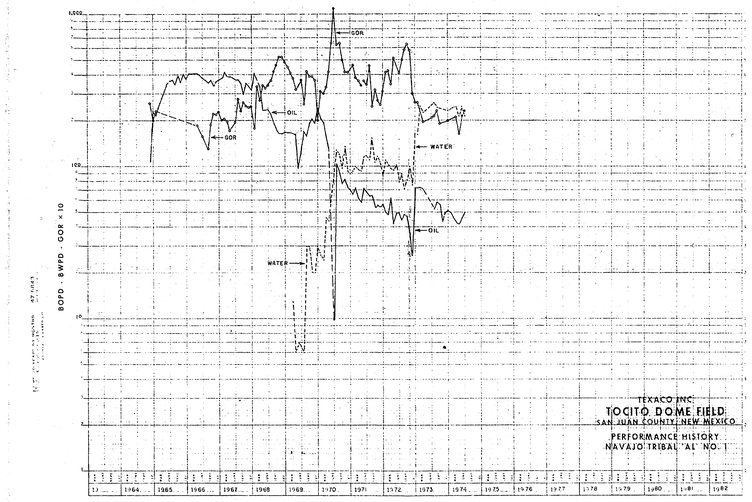

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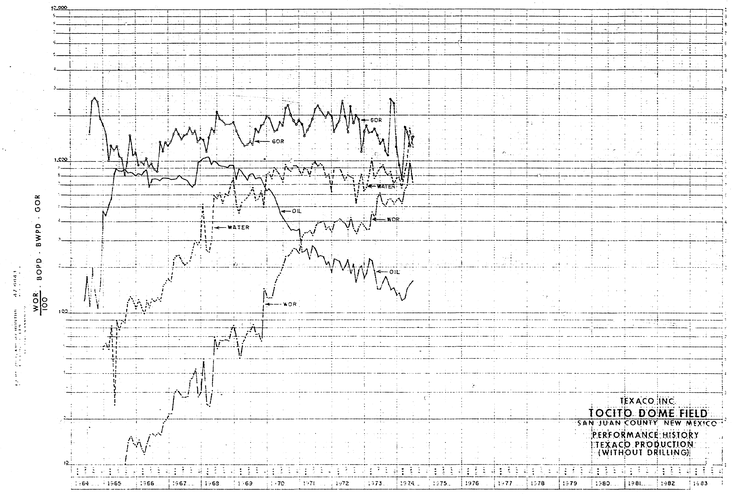

U.S. DEPT. OF COMMERCE
NATIONAL TECHNICAL INFORMATION SERVICE
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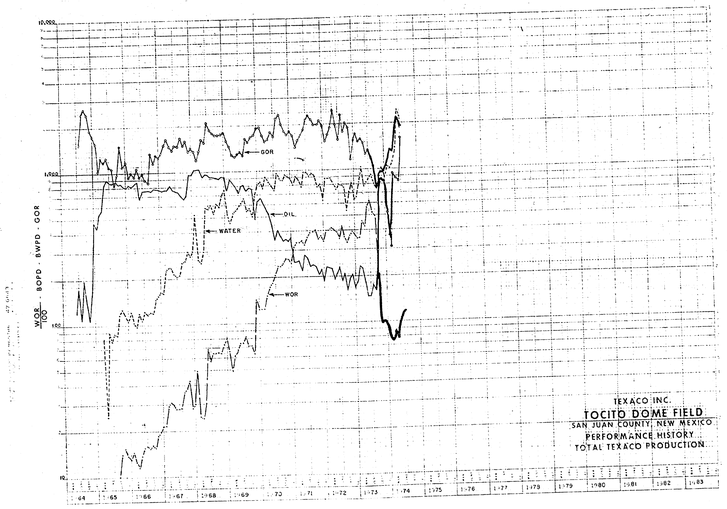

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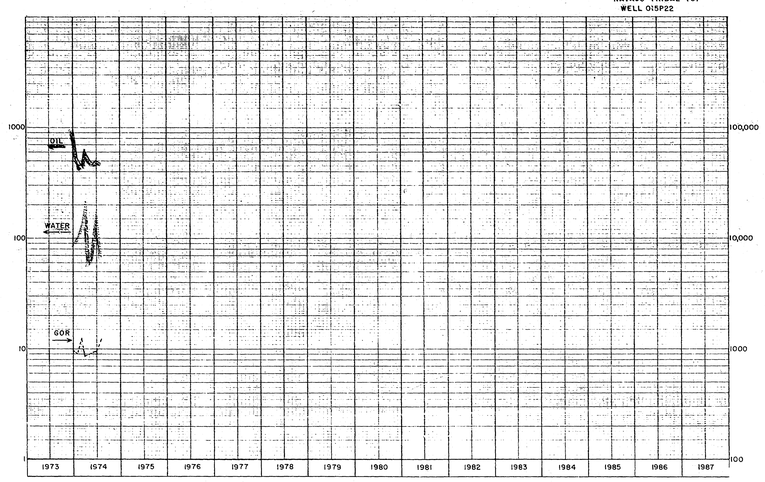
TOCITO DOME FIELD
PENN. "D" PROD. HISTORY
NAVAJO TRIBAL (U)
WELL 015P22



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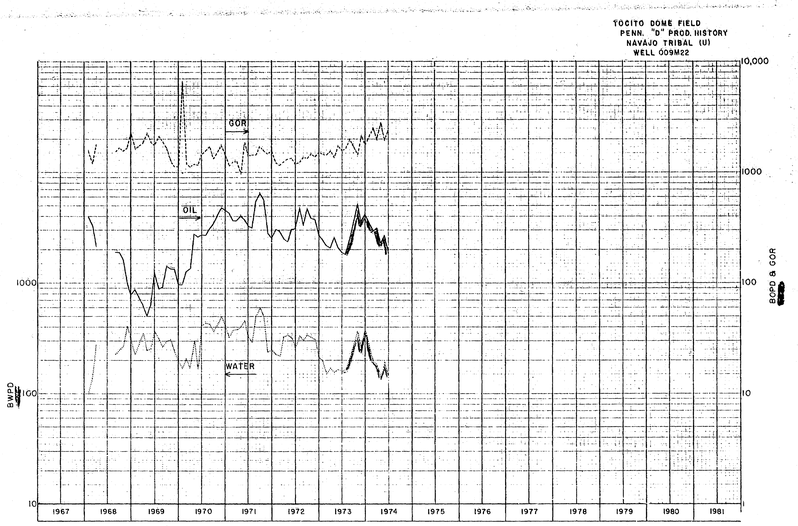

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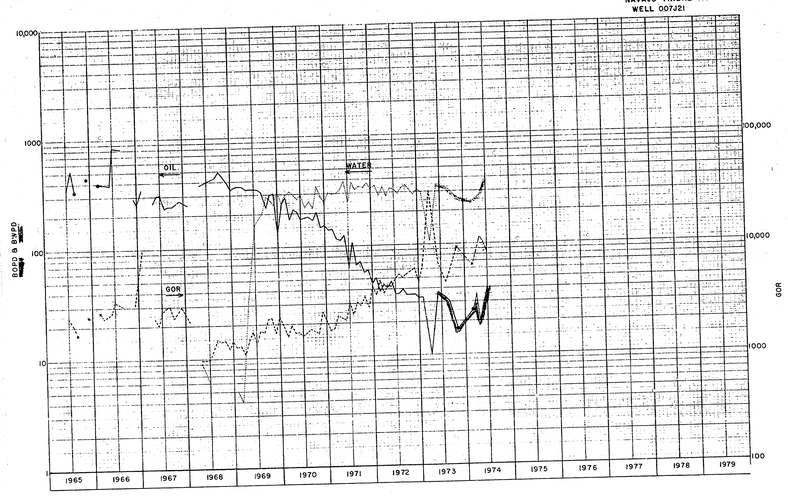
PENN. "D" PROD. HISTORY
NAVAJO TRIBAL (U)
WELL 007J21



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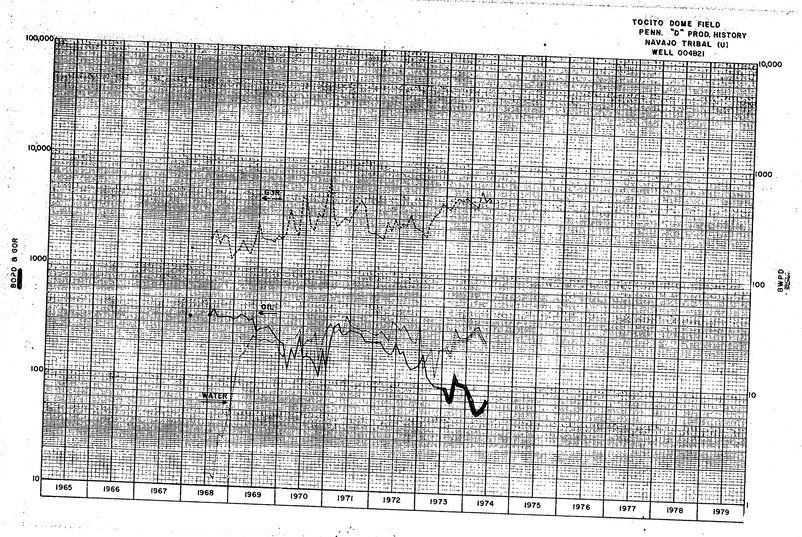

N.M.O.C.D. MICROGRAPHICS

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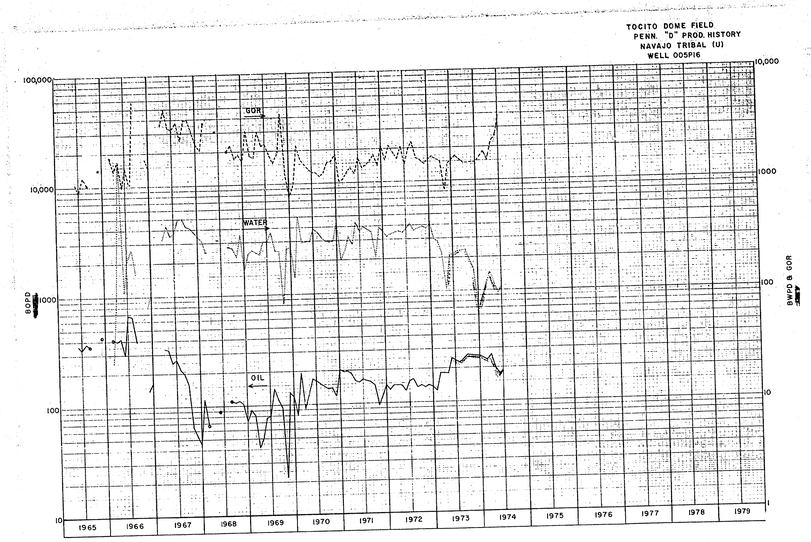

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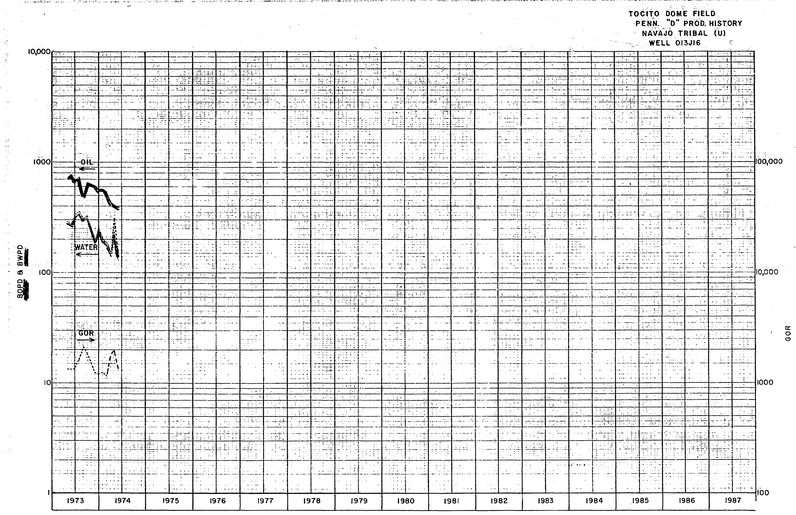

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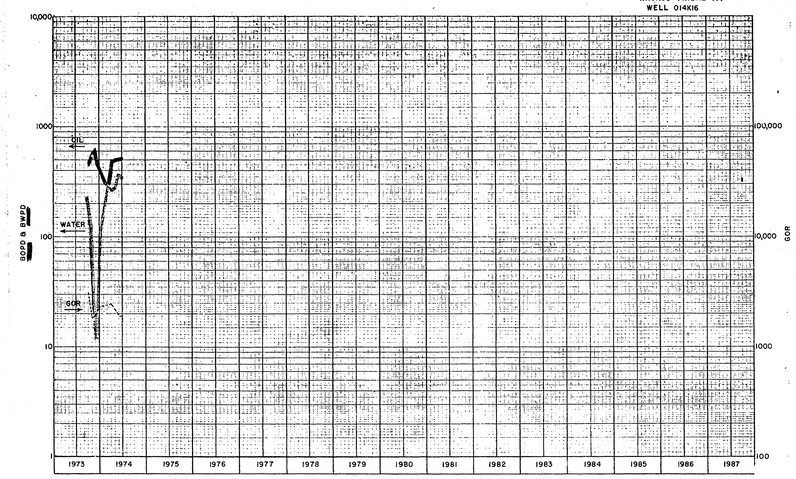
TOCITO DOME FIELD
PENN. "D" PROD. HISTORY
NAVAJO TRIBAL (U)
WELL 01A16



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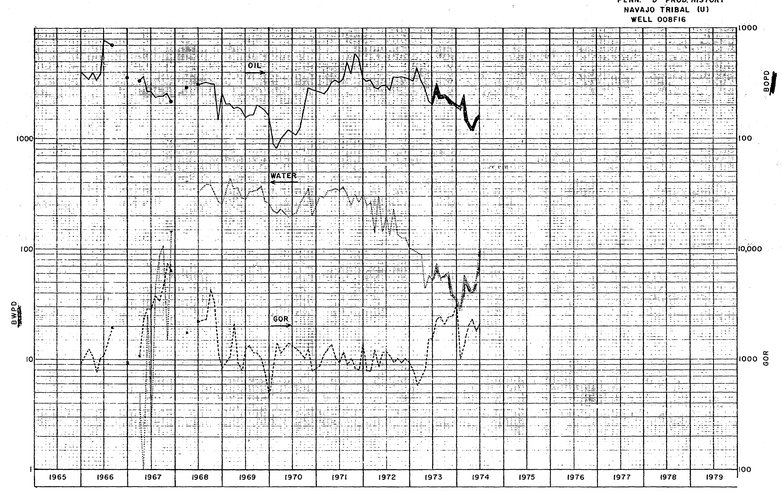
TOCITO DOME FIELD
PENN. "D" PROD. HISTORY
NAVAJO TRIBAL (U)
WELL 008FIG



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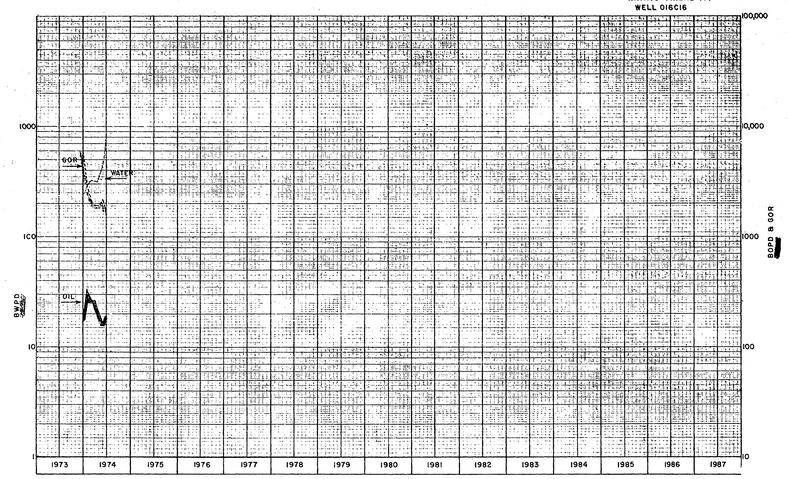
PENN. "D" PROD. HISTORY
NAVAJO TRIBAL (U)
WELL 016C16



N.M.O.C.D. MICROGRAPHICS
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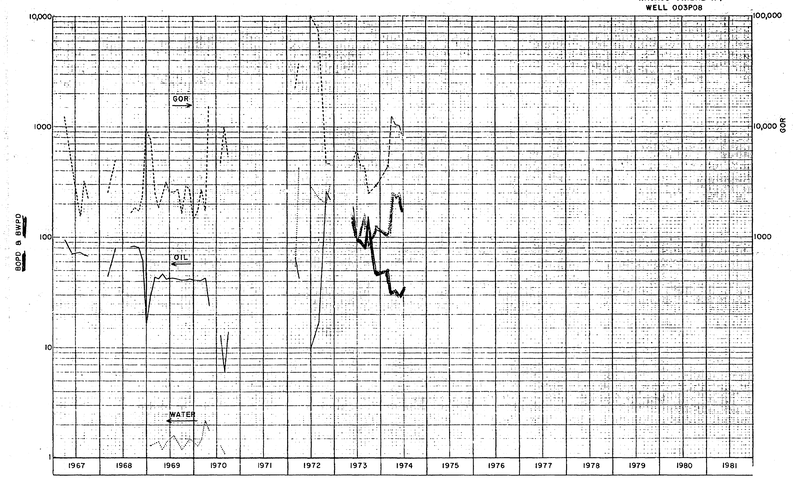
TOCITO DOME FIELD
PENN. "D" PROD. HISTORY
NAVAJO TRIBAL (P)
WELL 003P08



U.S.M.M.A.F.C. MICROGRAPHICS

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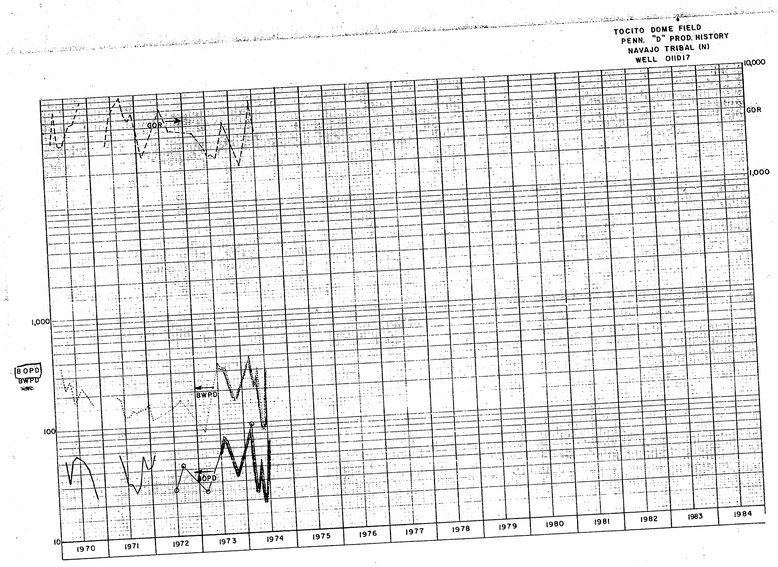
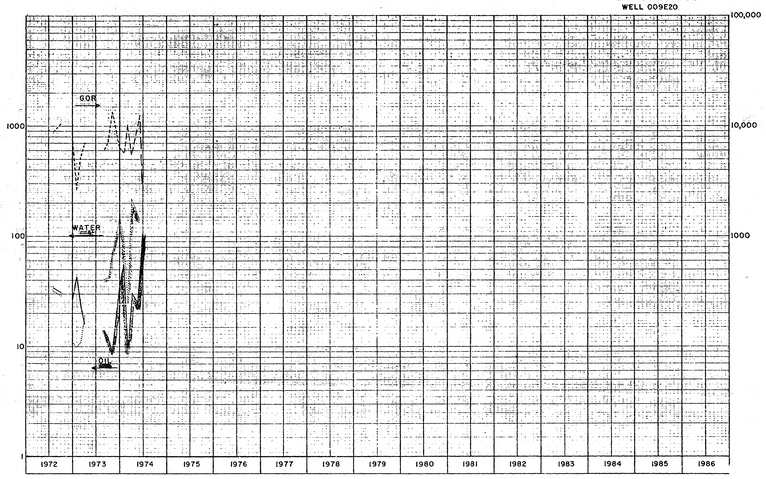


N.M.O.C.D. MICROGRAPHICS

BEST AVAILABLE COPY

TOGITO DOME FIELD
PENN. "D" PROD. HISTORY
NAVAJO TRIBAL (N)
WELL 005E20



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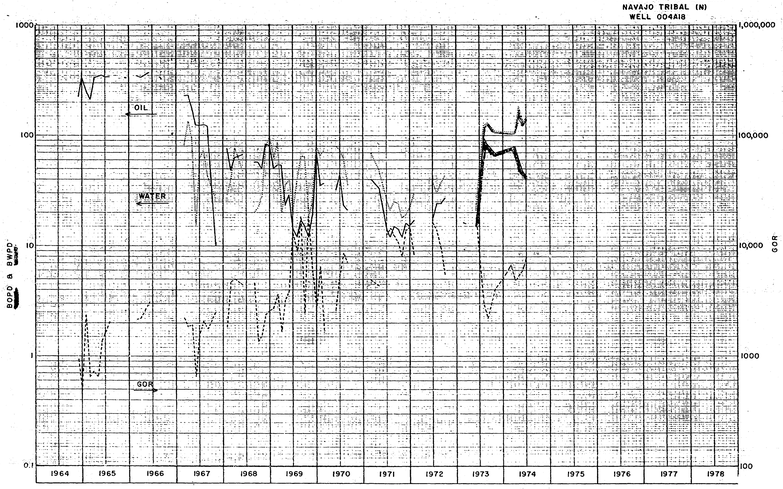
PENN. "D" PROD. HISTORY
NAVAJO TRIBAL (N)
WELL 004A18



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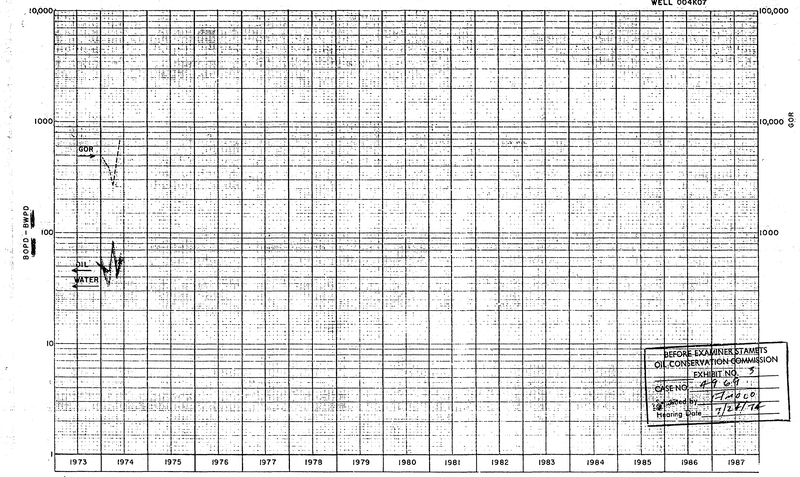
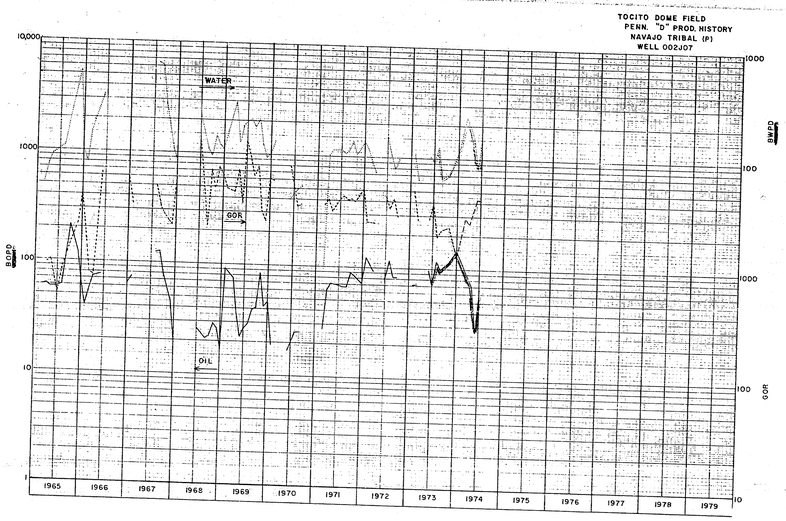
PENN. "D" PROD. HISTORY
NAVAJO TRIBAL (P)
WELL 004K07



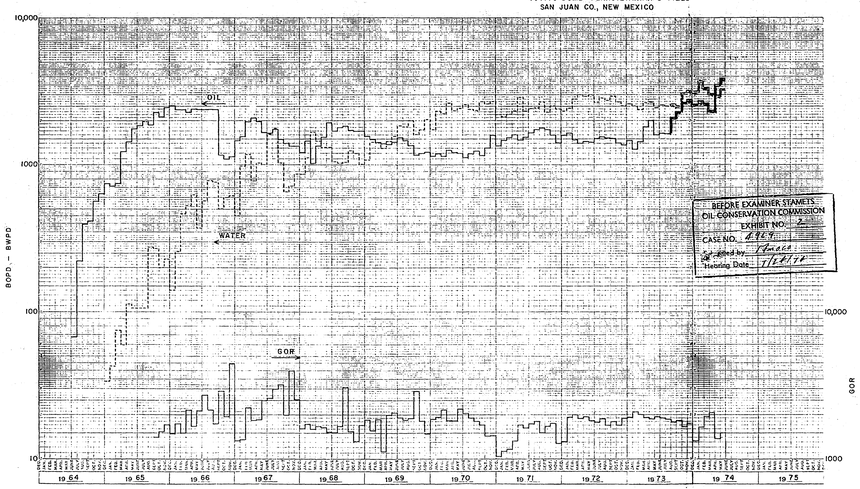
BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 8469
Submitted by Texaco
Hearing Date 7/24/84

BEST AVAILABLE COPY



BEST AVAILABLE COPY

AMOCO PRODUCTION COMPANY
TOCITO DOME - PENNSYLVANIAN 'b' FIELD
SAN JUAN CO., NEW MEXICO



BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 6467
Submitted by Amoco
Hearing Date 7/12/77

A.R.M.A. MICROGRAPHICS
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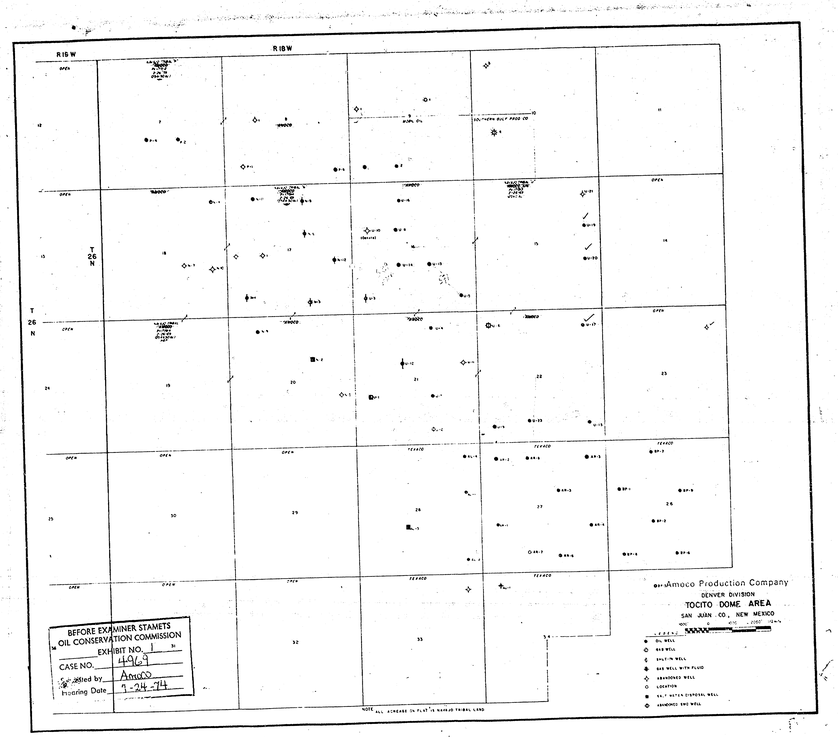

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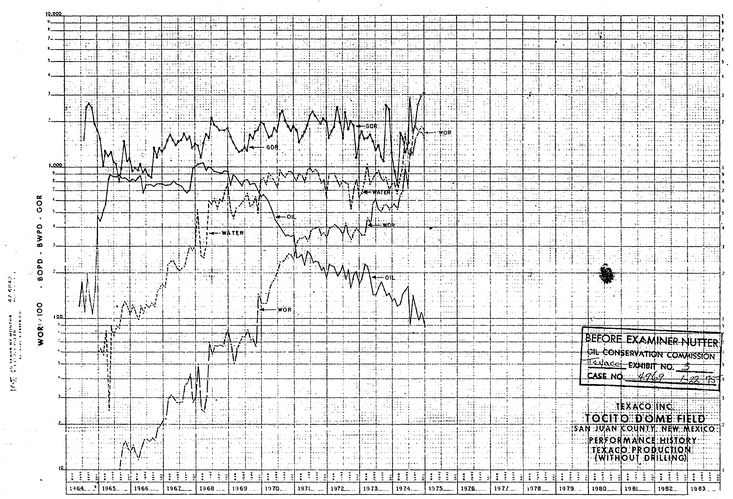
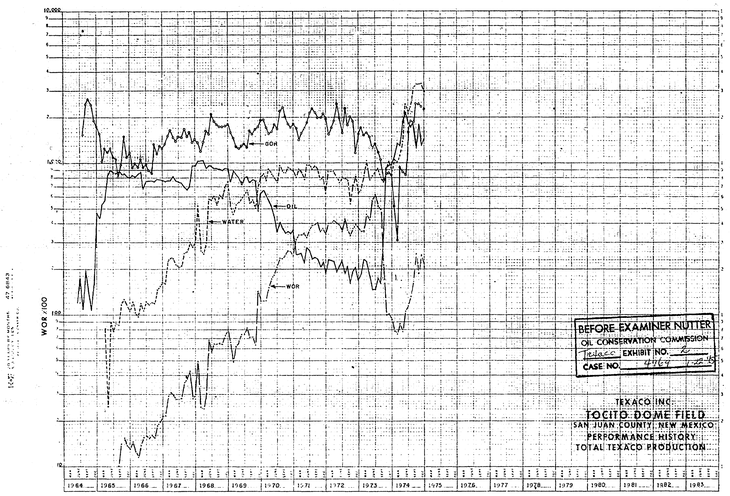


BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 4969

TEXACO INC.
TOCITO DOME FIELD
SAN JUAN COUNTY, NEW MEXICO
PERFORMANCE HISTORY
TEXACO PRODUCTION
(WITHOUT DRILLING)

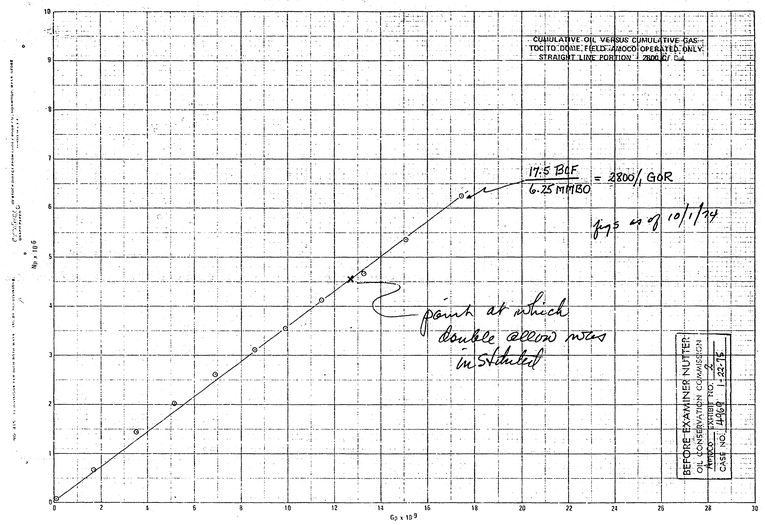
A.R.M.A. MICRAMATICS
BEST AVAILABLE COPY



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Texaco EXHIBIT NO. 2
CASE NO. 4767

TEXACO INC.
TOCITO DOME FIELD
SAN JUAN COUNTY, NEW MEXICO
PERFORMANCE HISTORY
TOTAL TEXACO PRODUCTION

BEST AVAILABLE COPY



U.S.G.S. MICROMEDIA

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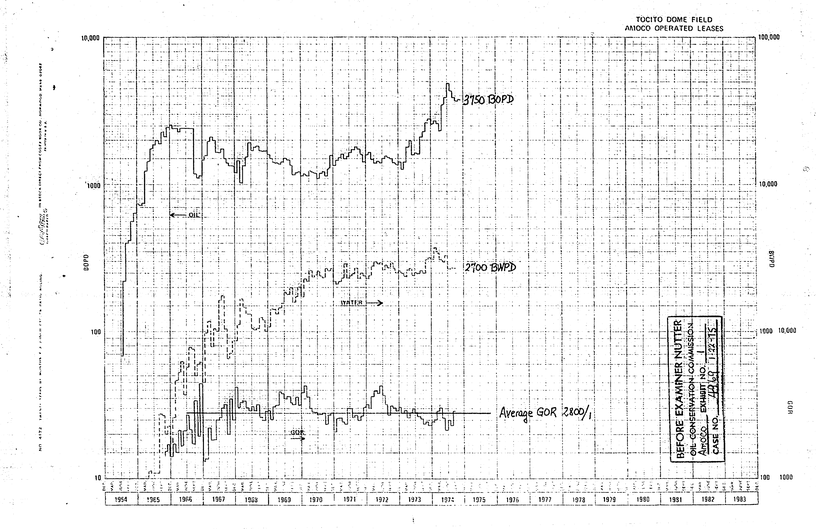

A.R.M.A.C.F. MICROGRAPHICS
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