EXAMINER'S COPY

WELL TEST DATA - PLOTTING OUTPUT INSTRUCTIONS

MAIL TO LOCATION THAT SUBMITTED JOB REQUEST

SUBMITTING OFFICE CODE 05
OFFICE DENVER

JOB REQUEST - SUBMITTING LOCATION CODE 05 DENVER
JOB NO 002

OUTPUT CONTROL IDENTIFIERS
DIV OR OPER AREA
STATE CODE
REG FIELD/POOL CODE
OPERATING FIELD CODE 0958 TOCITO DOME-PENNSYLVANIAN O
FLAG (LEASE/UNIT)
FLAG (WELL)-HORIZON CODE -
KEY FOR OUTPUT OF BLANK - FOR COMPANY OPER WELLS.
OUTSIDE OPER WELLS 1 - DENOTES WORKING INT. WELLS. 2 - DENOTES NON-INT. WELLS.

HORIZONTAL TIME SCALE OPTIONS BLANK - DENOTES STD OUTPUT OF 9 YRS PER GRAPH
EXTENDED SCALE E - DENOTES THAT EXPANDED SCALE WAS REQUESTED / 3 YRS PER GRAPH
NO OF YEARS
DETAILED 9 IF GIVEN DENOTES PERIOD SPECIFIED
ENDING YEAR 74

VERTICAL SCALE OPTIONS - YMAX
OIL WELLS GAS WELLS
24 HR OIL AND WATER CAPACITY BBLS/DAY 0500 24 HR OIL AND GAS PRODUCTION BBLS/DAY AND MMCF/DAY
GAS-OIL RATIO CU FT/BBL 10000 GAS FLUID RATIO CU FT/BBL
PERCENT WATER CUT PERCENT 100 24 HR WATER PRODUCTION BBLS/DAY

- L E G E N D -

OIL WELL GRAPHS
C - OIL CAPACITY
W - WATER CAPACITY
P - PERCENT WATER CUT
R - GAS-OIL RATIO
PRINT CHAR USED WHEN 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
OR WATER CAPACITY AND GAS-OIL RATIO
OR OIL AND WATER CAPACITIES AN GAS-OIL RATIO
OR PERCENT WATER CUT AND GAS-OIL RATIO
OR OIL CAPACITY AND PERCENT WATER CUT AND GOR

GAS WELL GRAPHS
O - OIL RATE
G - GAS RATE
W - WATER RATE
R - GAS-FLUID RATIO
X - OIL AND GAS RATES
Y - OIL AND WATER RATES
Z - OIL RATE AND GAS-FLUID RATIO
OR GAS RATE AND GAS-FLUID RATIO
OR OIL AND GAS RATES AND GAS-FLUID RATIO
OR WATER RATE AND GAS-FLUID RATIO
OR OIL AND WATER RATES AND GAS-FLUID RATIO

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 4969 Reopened
Submitted by Amoco
Hearing Date 1-16-74

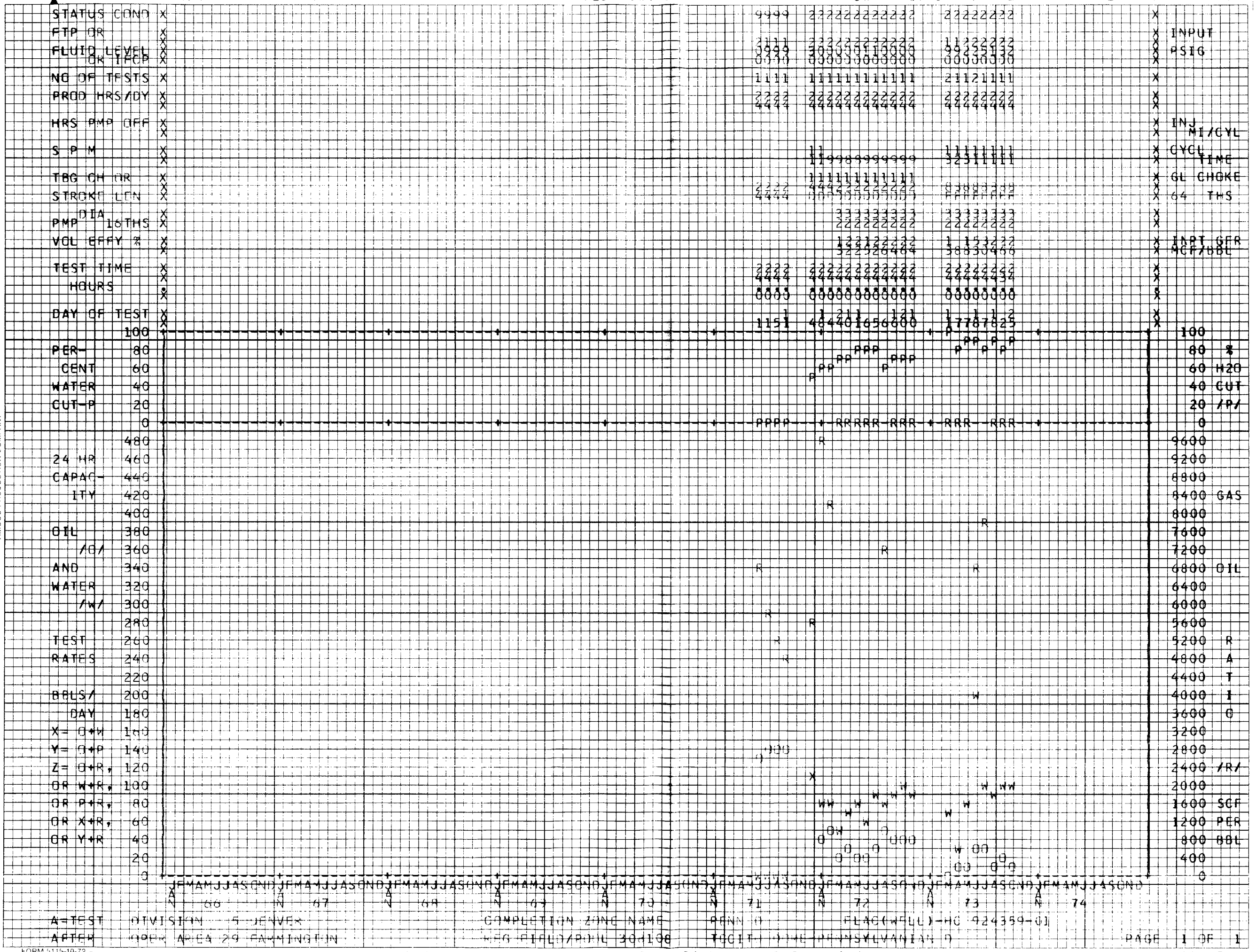
338864

AMOCO PRODUCTION COMPANY

Uarco Business Forms - P

FORM 6115 10 72

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73



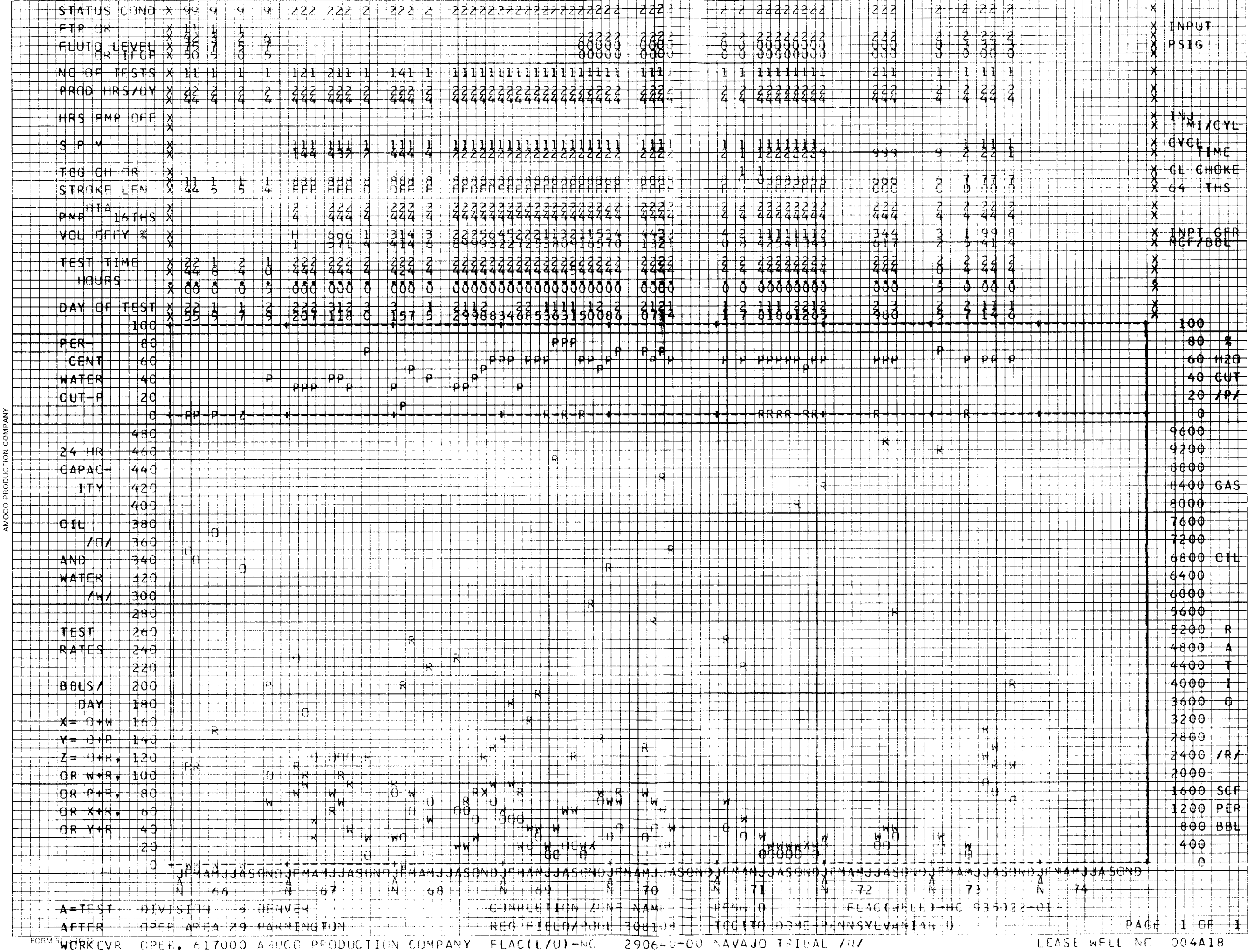
AMOCO PRODUCTION COMPANY

FORM 5115-18-72

Uarco Business Form

33865

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73

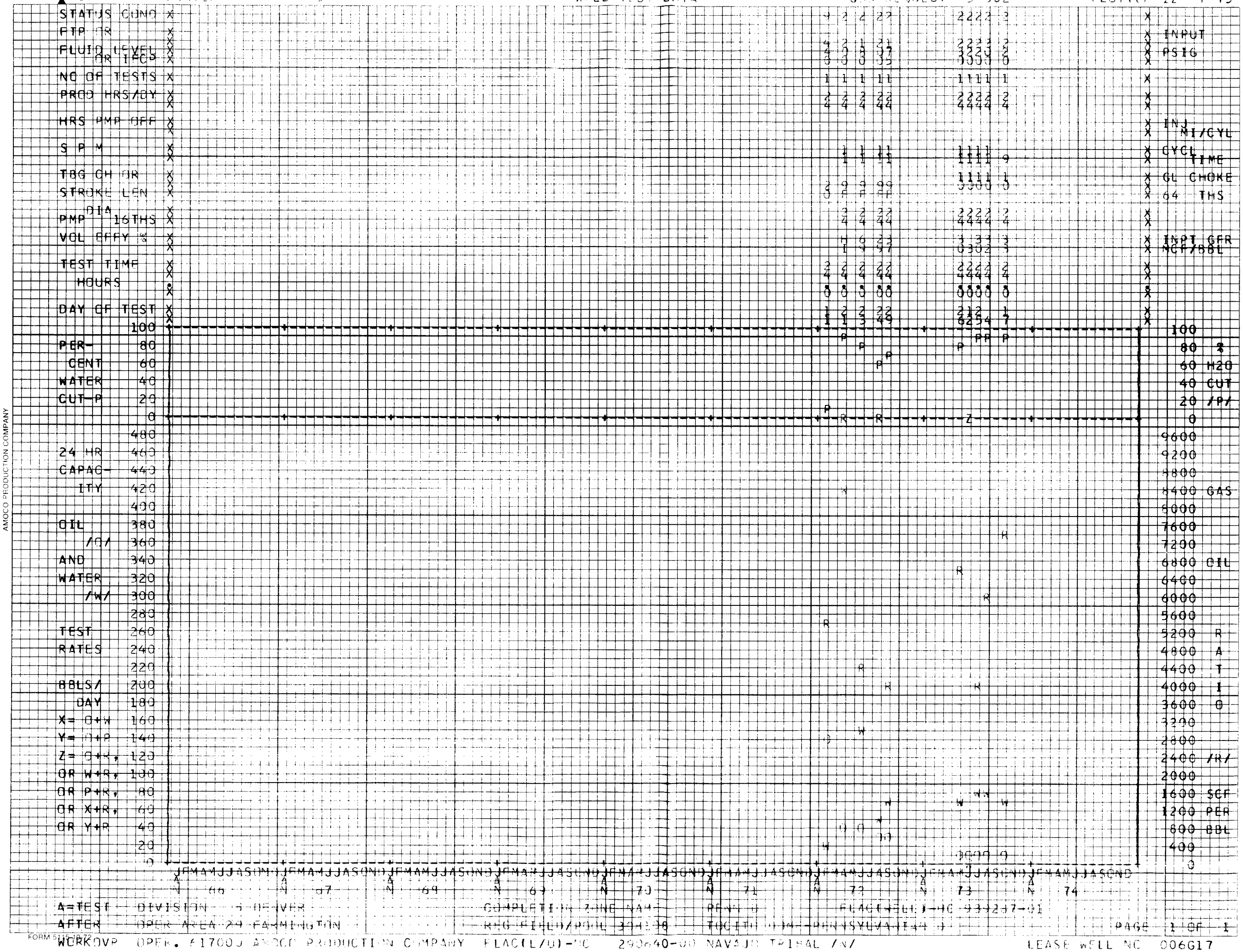


AMOCO PRODUCTION COMPANY

Uarco Business Forms

33866

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73



AMOCO PRODUCTION COMPANY

FORM 5100-B 72

338967

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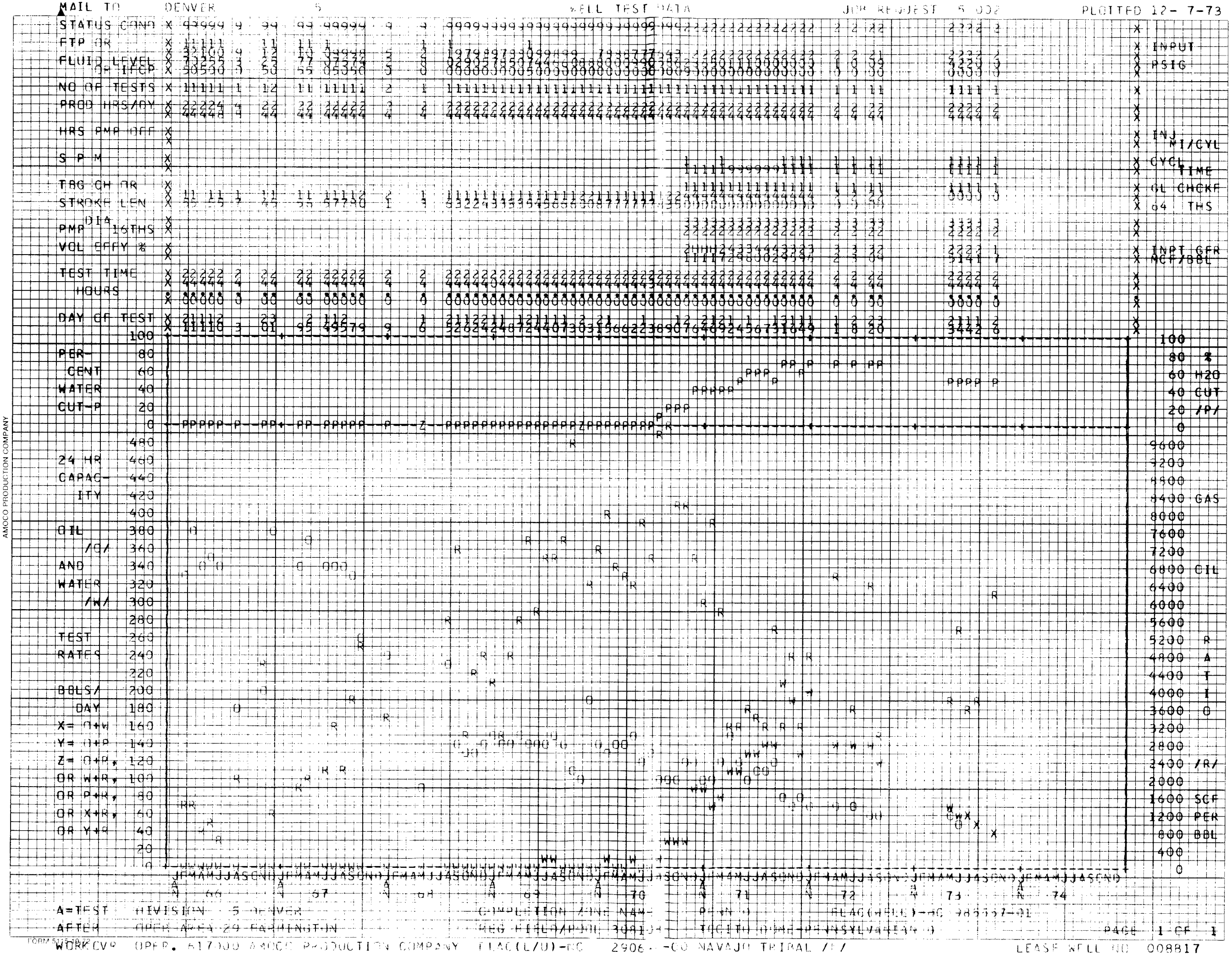
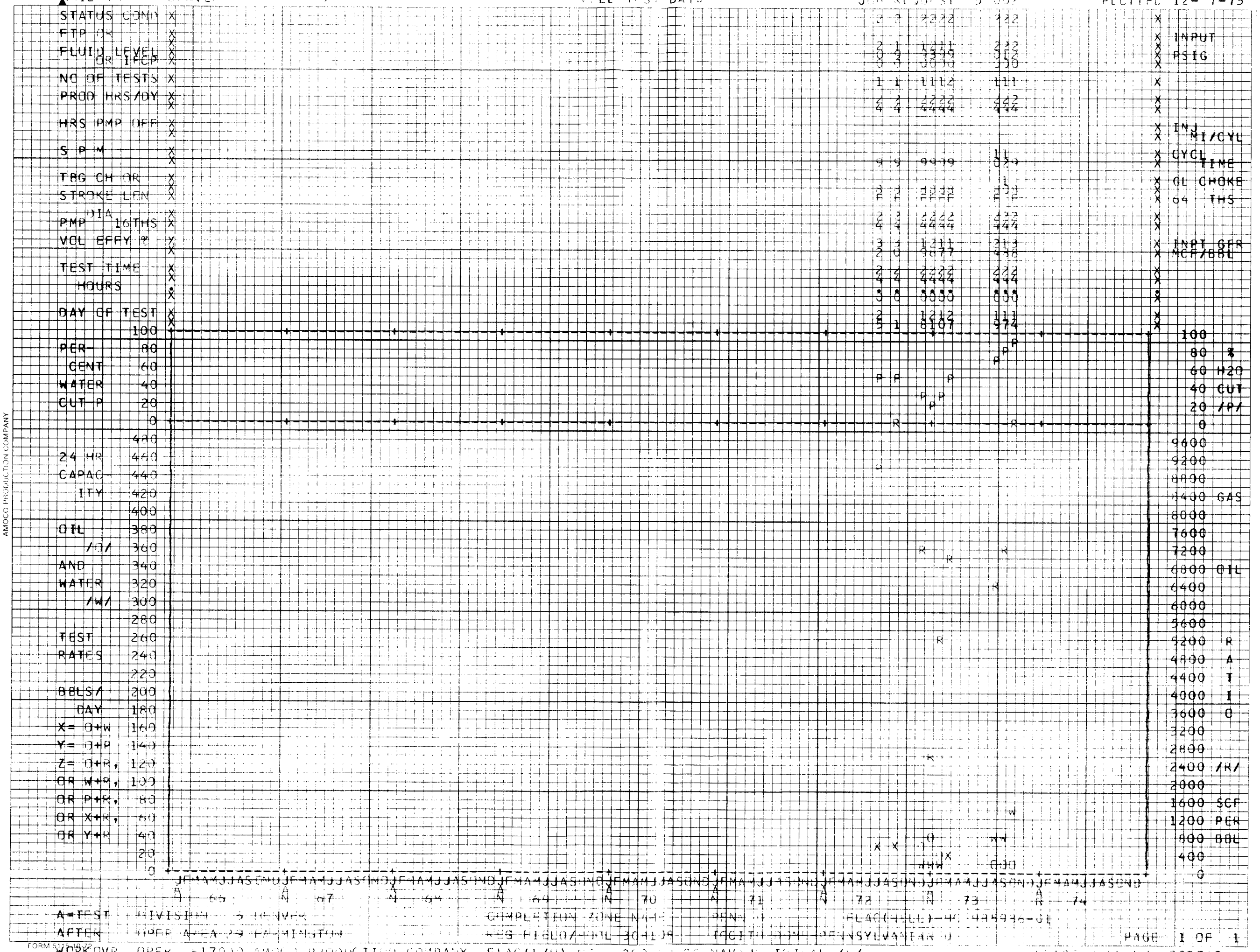


AMOCO PRODUCTION COMPANY

Uarco Business Forms

33868

MAIL TO DENVER WELL TEST DATA JOB REQUEST PLOTTED 12- 7-73

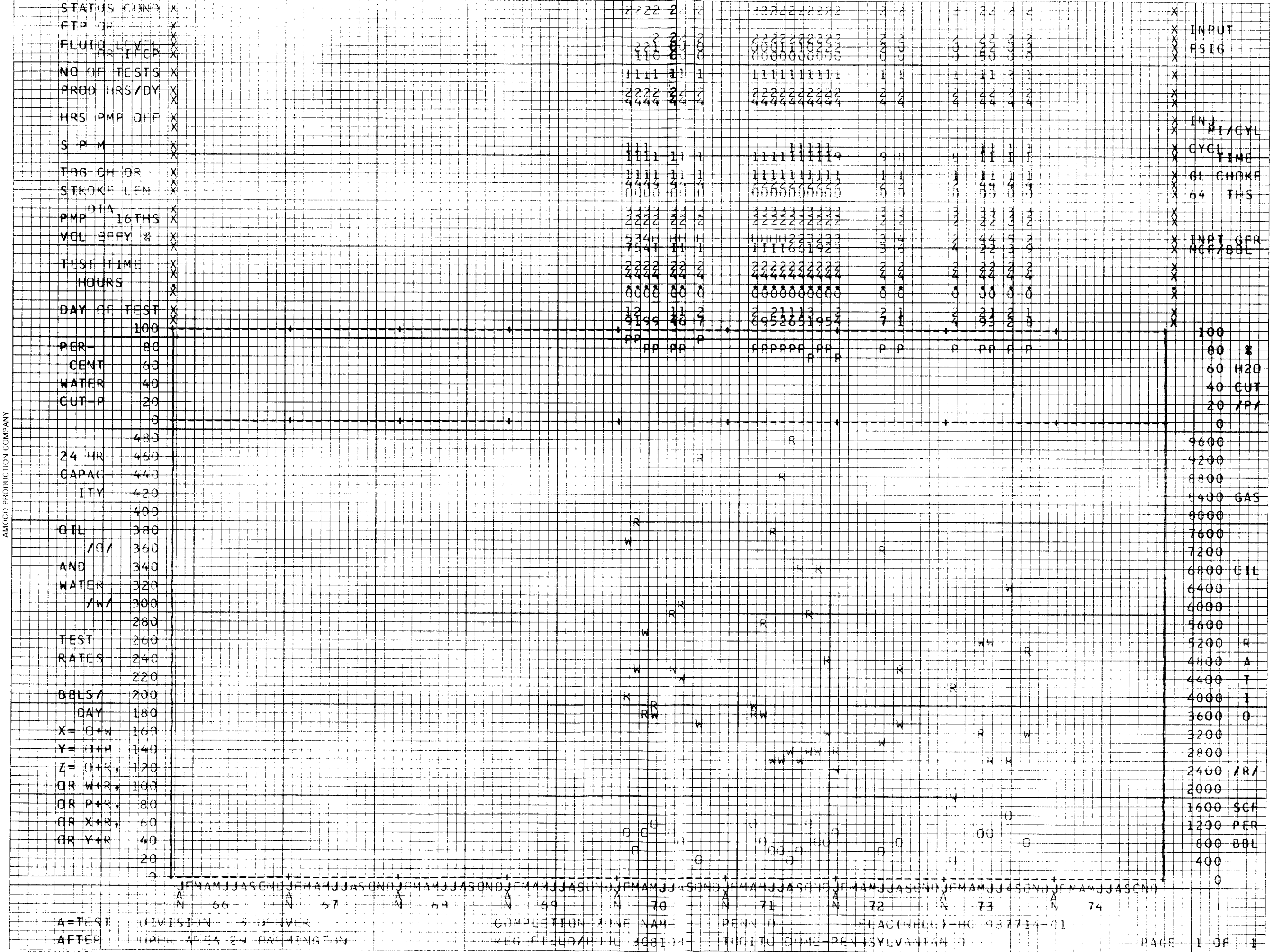


FORM 5100-1 (8/72) WORKOVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAC(L/O)-NO 29364-0-00 NAVAJO TRIBAL /N/ LEASE WELL NO 009E20

AMOCO PRODUCTION COMPANY

33869

MAIL TO DENVER WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73



AMOCO PRODUCTION COMPANY

FORM 8115-3 (2-72)

33870

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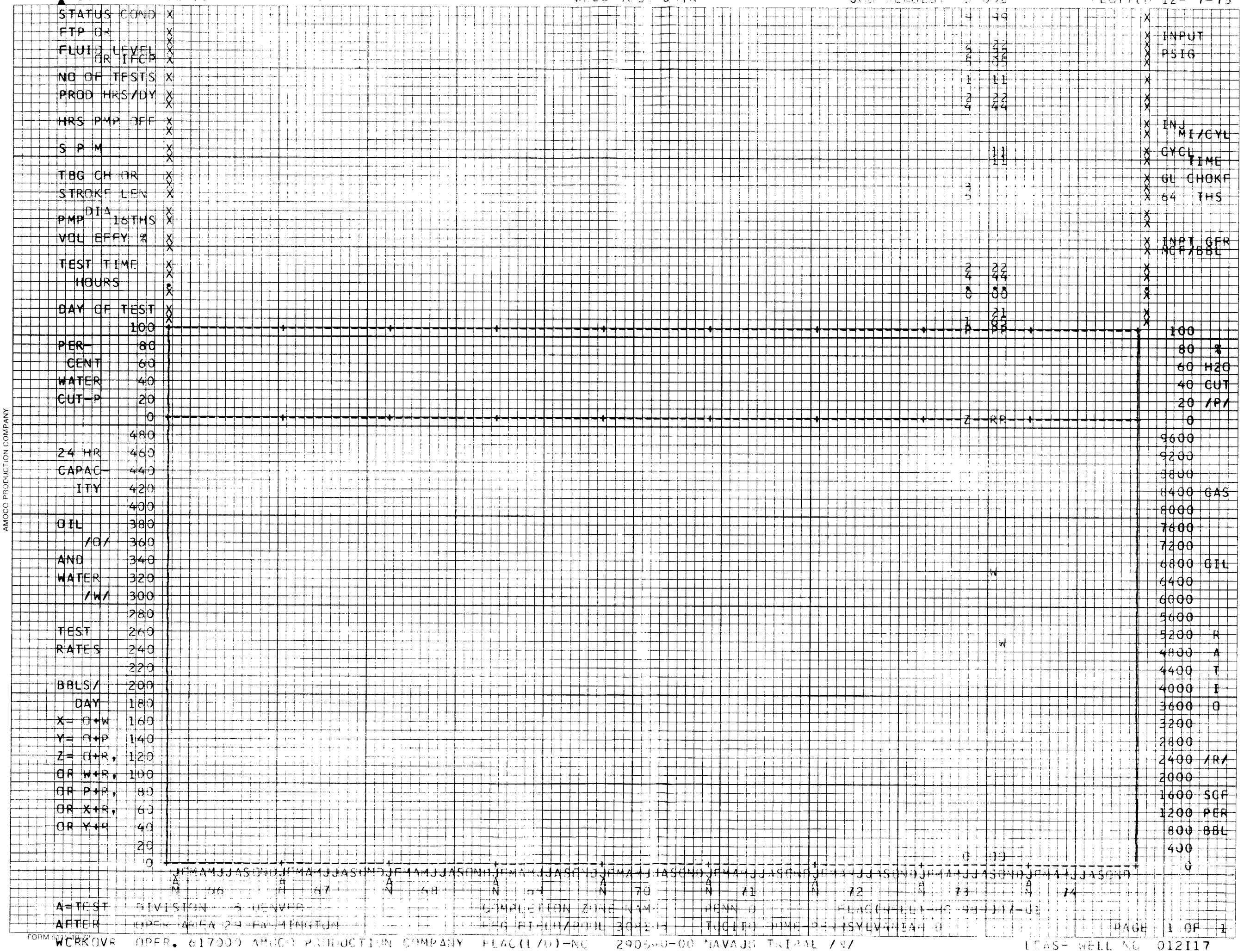

AMOCO PRODUCTION COMPANY

33871

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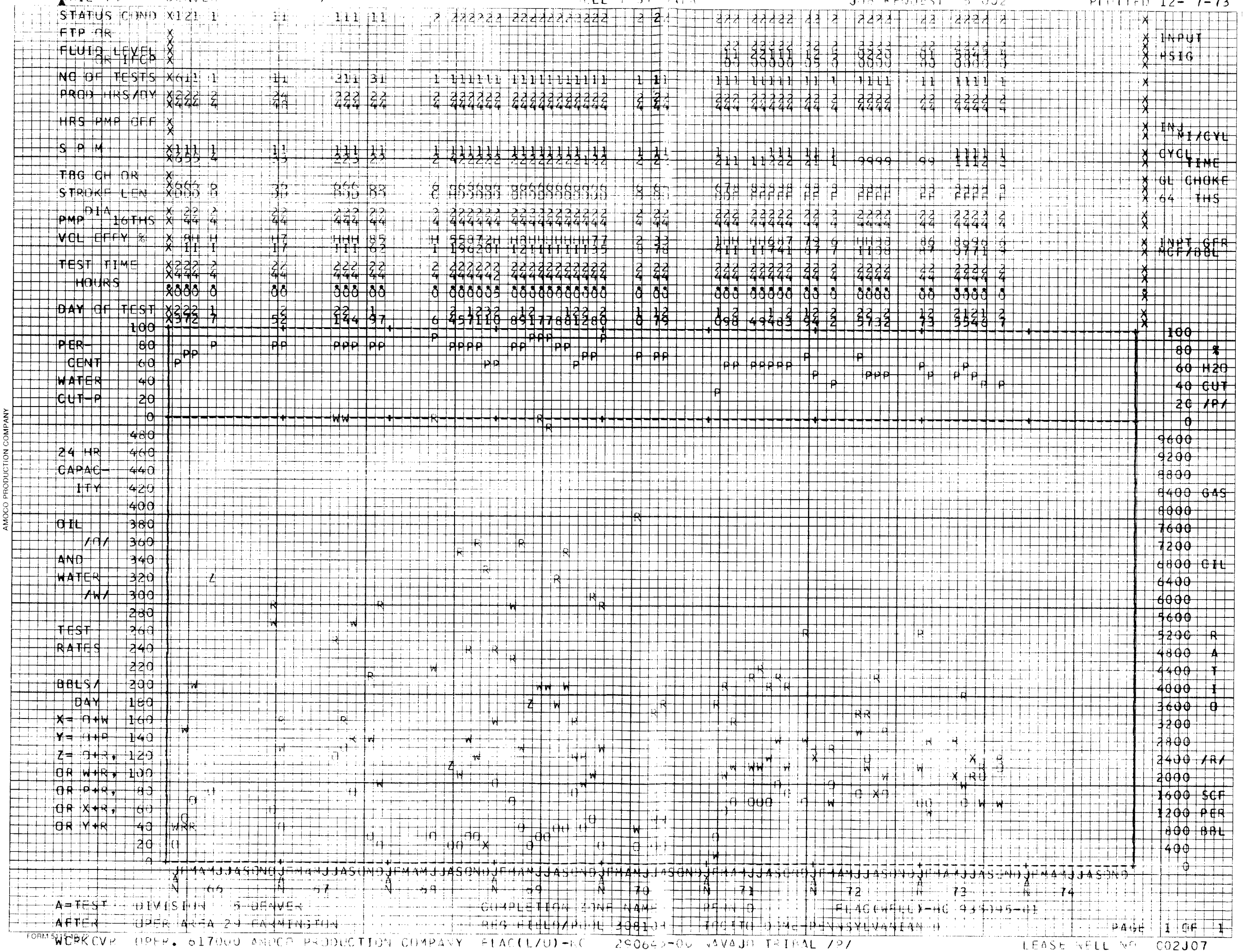

AMOCO PRODUCTION COMPANY
FORM 5 (5-73)
Uarco Business Forms
33872

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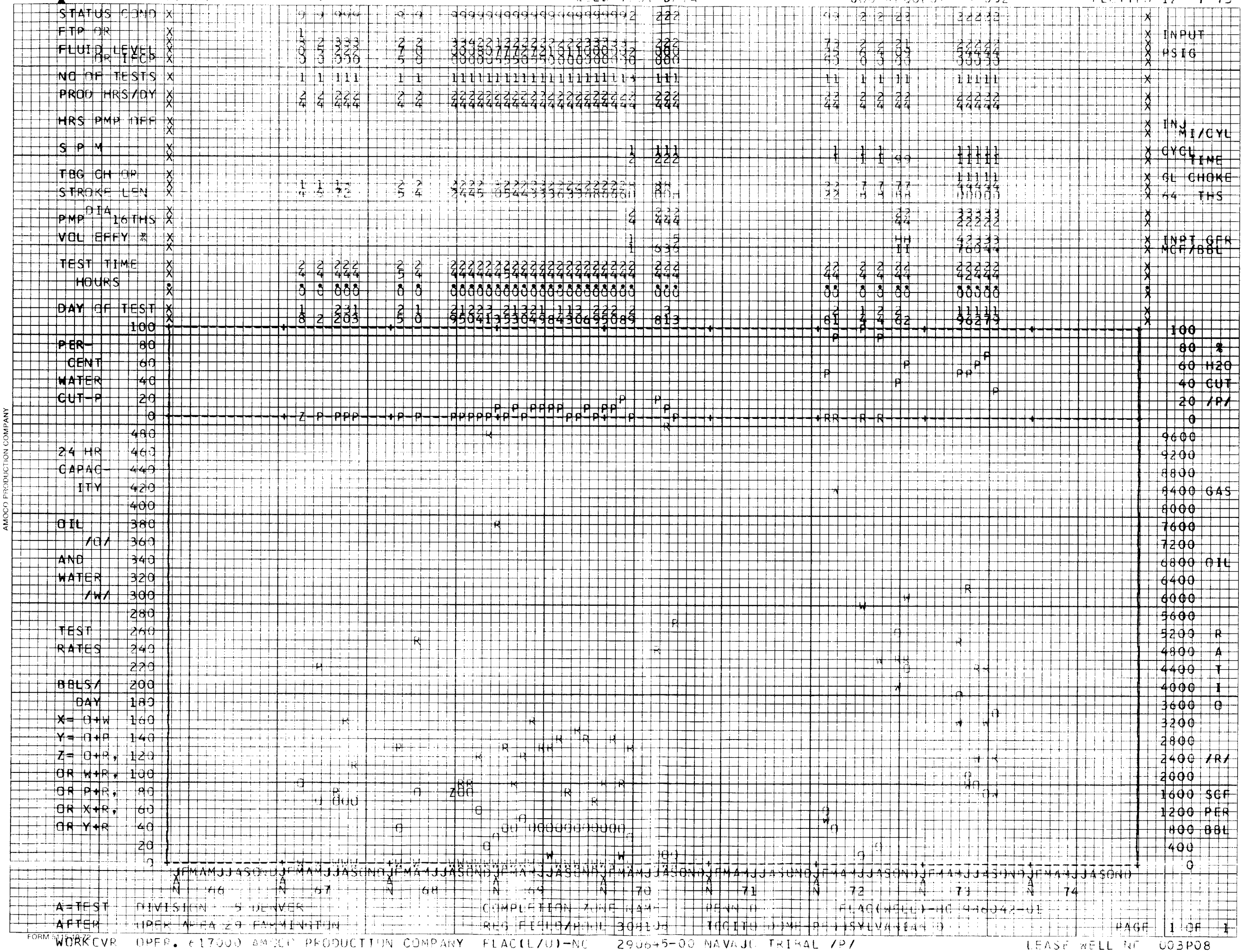

WORKOVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAG(L/O)-NC 290645-00 NAVAJO TRIBAL /P/ LEASE WELL NO 003P08

AMOCO PRODUCTION COMPANY

FORM 5105-10-72

Uarco Business Forms

33873

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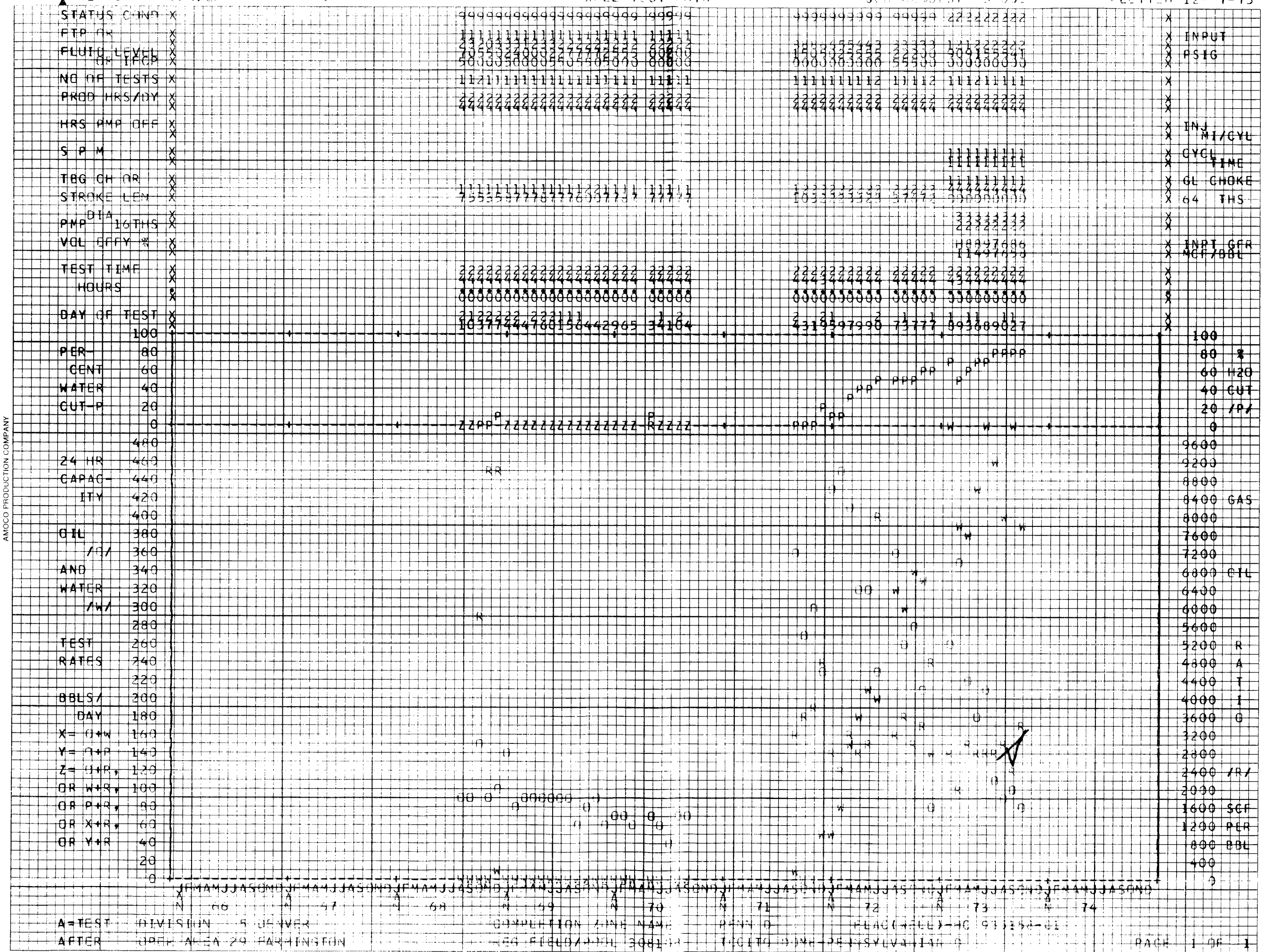


AMOCO PRODUCTION COMPANY
Uarco Business Forms
FORM 5100-2
338874

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73

STATUS COND
FTP OR
FLUID LEVEL OR TFCP
NO OF TESTS
PROD HRS/DY
HRS PMP OFF
S P M
TBG CH OR
STROKE LEN
PMP DIA 16THS
VOL EFFY %
TEST TIME HOURS
DAY OF TEST

INPUT PSIG
INJ MI/CYL
CYCL TIME
GL CHOKE 64 THS
INPT GFR MCF/BBL

PER-CENT WATER CUT-P
24 HR CAPAC-ITY
OIL /O/ AND WATER /W/
TEST RATES BBLS/DAY
X= O+W
Y= O+P
Z= O+R, OR W+R, OR P+R, OR X+R, OR Y+R

% H2O CUT /P/
GAS
OIL
WATER /R/
SCF PER BBL

4 1/2 casing

A=TEST DIVISION 5 DENVER COMPLETION ZONE NAME PENN D FLAC(WELL)-NC 939201-01
AFTER OPER AREA 29 FARMINGTON REG FIELD/POOL 308138 TOCITO DOME-PENNSYLVANIAN D PAGE 1 OF 1
WORKOVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAC(L/U)-NC 290650-00 NAVAJO TRIBAL /U/ LEASE WELL NO 004B21

AMOCO PRODUCTION COMPANY
FORM 5115-1B-72

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73

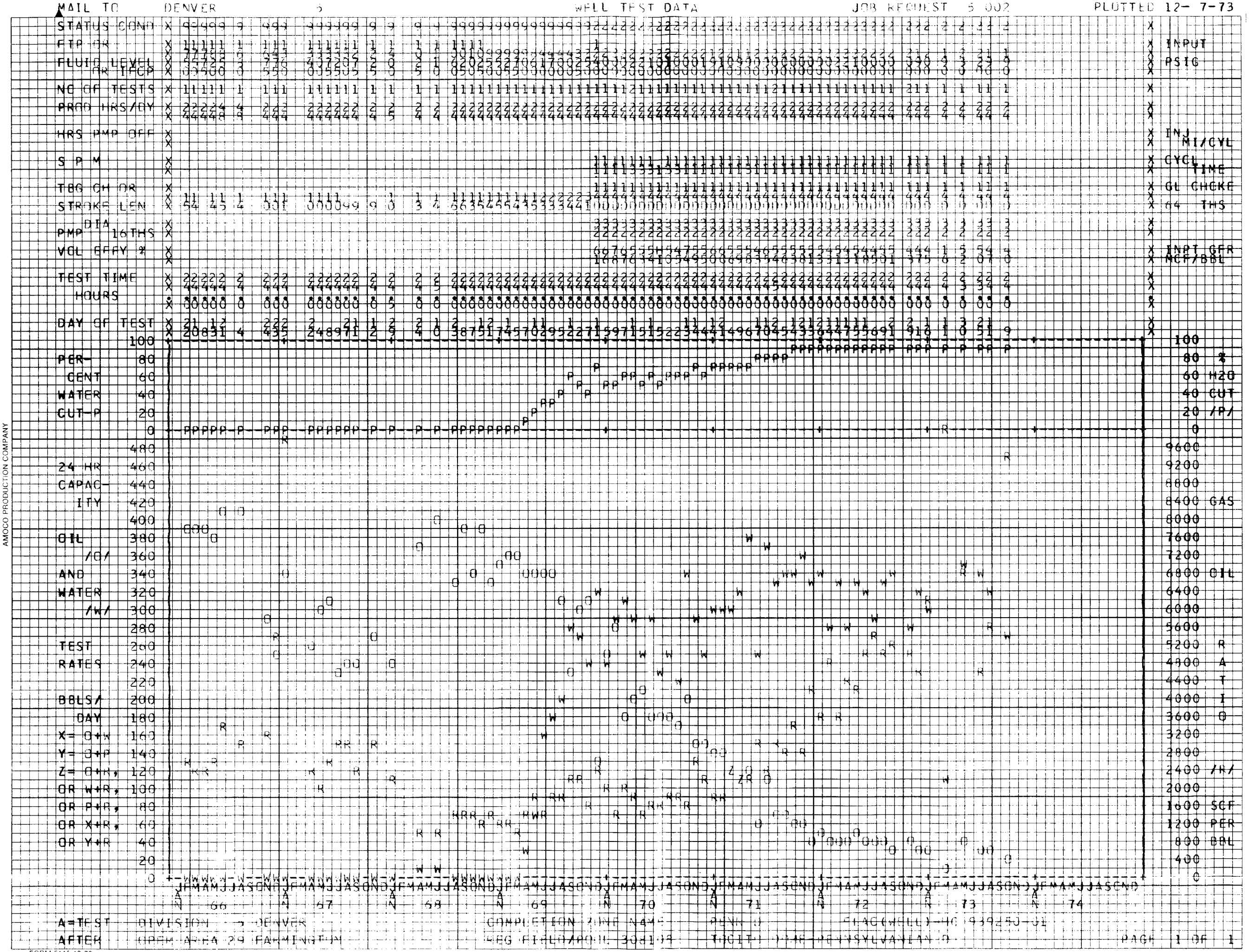
A=TEST DIVISION 5 DENVER COMPLETION ZONE NAME PENN D FLAC(WELL)-HC 939235-01

AFTER OPER AREA 29 FARMINGTON REG FIELD/POOL 30810 TOCITO DOME-PENNSYLVANIAN D PAGE 1 OF 1

WORKOVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAC(L/U)-NC 290650-00 NAVAJO TRIBAL /U/ LEASE WELL NO 005P16

AMOCO PRODUCTION COMPANY
FORM 5115-10-72

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73



FORM 5JC-10-72 WORKCVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAG(L/U)-NC 290650-00 NAVAJO TRIBAL /U/ LEASE WELL NO 007J21

AMOCO PRODUCTION COMPANY

Uarco Business Forms

338877

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73

AMOCO PRODUCTION COMPANY

FORM 5105-B-72

Uarco business forms

338780

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73

STATUS COND X 999
FTP OR X
FLUID LEVEL X 777
OR IFCP X 201 500
NO OF TESTS X 322
PROD HRS/DY X 222
X 444
HRS PMP OFF X
X
S P M X
X
TBG CH OR X
X
STROKE LEN X 666
DIA
PMP 16THS X 111
VOL EFFY % X
X
TEST TIME X 222
X 444
HOURS X 000
DAY OF TEST X 221
X 638

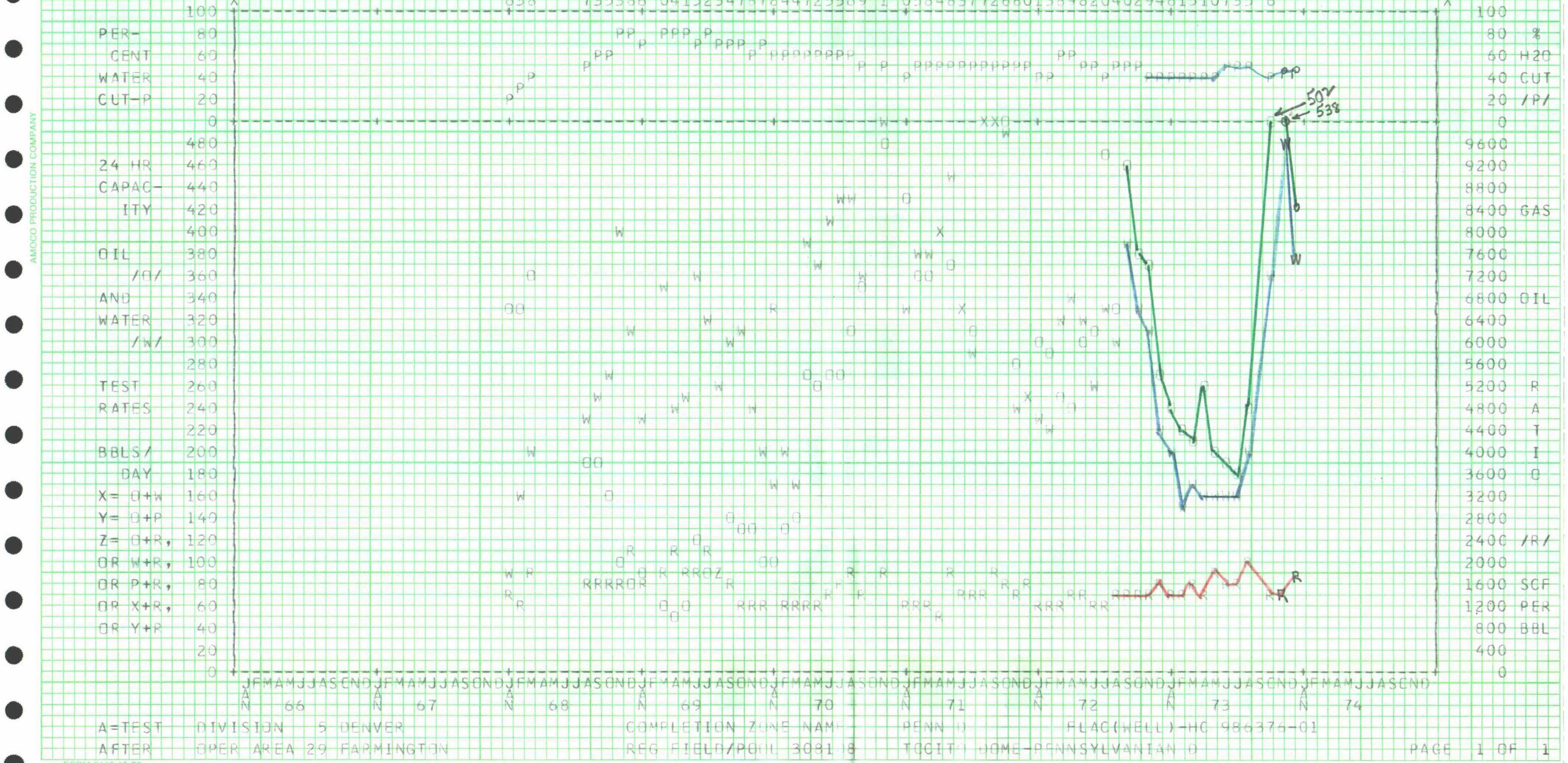
INPUT PSIG

INJ MI/CYCL

CYCL TIME

GL CHOKE 64 THS

INPT GFR MCF/BBL



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AFTER OPER AREA 29 FARMINGTON REG FIELD/POOL 3081 8 TOCITO DOME-PENNSYLVANIAN D PAGE 1 OF 1

WORKOVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAC(L/U)-NC 290650-00 NAVAJO TRIBAL /U/ LEASE WELL NO 009M22

AMOCO PRODUCTION COMPANY
FORM 5150-1 8-72

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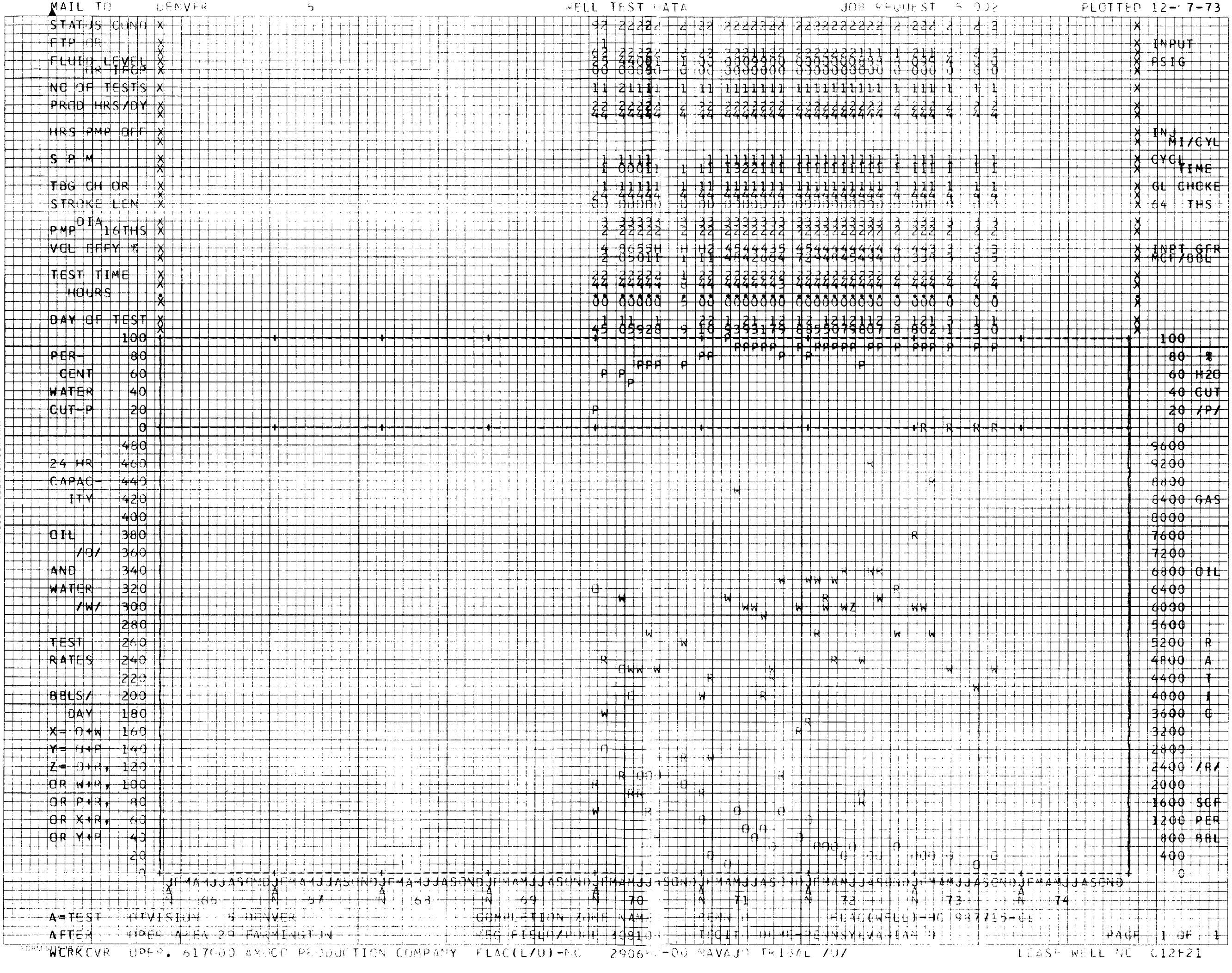


AMOCO PRODUCTION COMPANY
Uarco Business Forms - P
FORM 5000-2

35880

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73

STATUS COND		333333	INPUT
FTP OR		222222	PSIG
FLUID LEVEL OR TFCP		000000	
NO OF TESTS		111111	
PROD HRS/DY		222222 444444	
HRS PMP OFF			INJ MI/CYL
S P M			CYCL TIME
TBG CH OR			GL CHCKE
STROKE LEN		62262 44444	64 THS
PMP DIA 16THS			
VOL EFFY %			INPT GFR MCF/BBL
TEST TIME HOURS		222222 444444 000000	
DAY OF TEST		12 2 9463 18	

A=TEST DIVISION 5 DENVER COMPLETION ZONE NAME PENN D FLAC(WELL)-HC 989812-01

AFTER OPER AREA 29 FARMINGTON REG FIELD/POOL 308108 TOCITO DOME-PENNSYLVANIAN D PAGE 1 OF 1

WORKCVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAC(L/U)-NC 290650-00 NAVAJO TRIBAL /U/ LEASE WELL NO 013J16

AMOCO PRODUCTION COMPANY
FORM SUE 1872

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73

STATUS COND	X	33	X
FTP OR	X		X INPUT
FLUID LEVEL	X	22	X
OR TBG	X	44	X PSIG
NO OF TESTS	X	30	X
PROD HRS/DY	X	12	X
	X	22	X
HRS PMP OFF	X	44	X
	X		X INJ
S P M	X		X MI/CYL
	X		X CYCL
TBG CH OR	X		X TIME
	X		X GL CHOKE
STROKE LEN	X	00	X
DIA	X	44	X 64 THS
PMP 16THS	X		X
VOL EFFY %	X		X
	X		X INPT GFR
TEST TIME	X		X MCF/BBL
HOURS	X	22	X
	X	44	X
DAY OF TEST	X	00	X
	X	22	X
	X	94	X

A=TEST DIVISION 5 DENVER COMPLETION ZONE NAME PENN D FLAC(WELL)-NC 970347-01

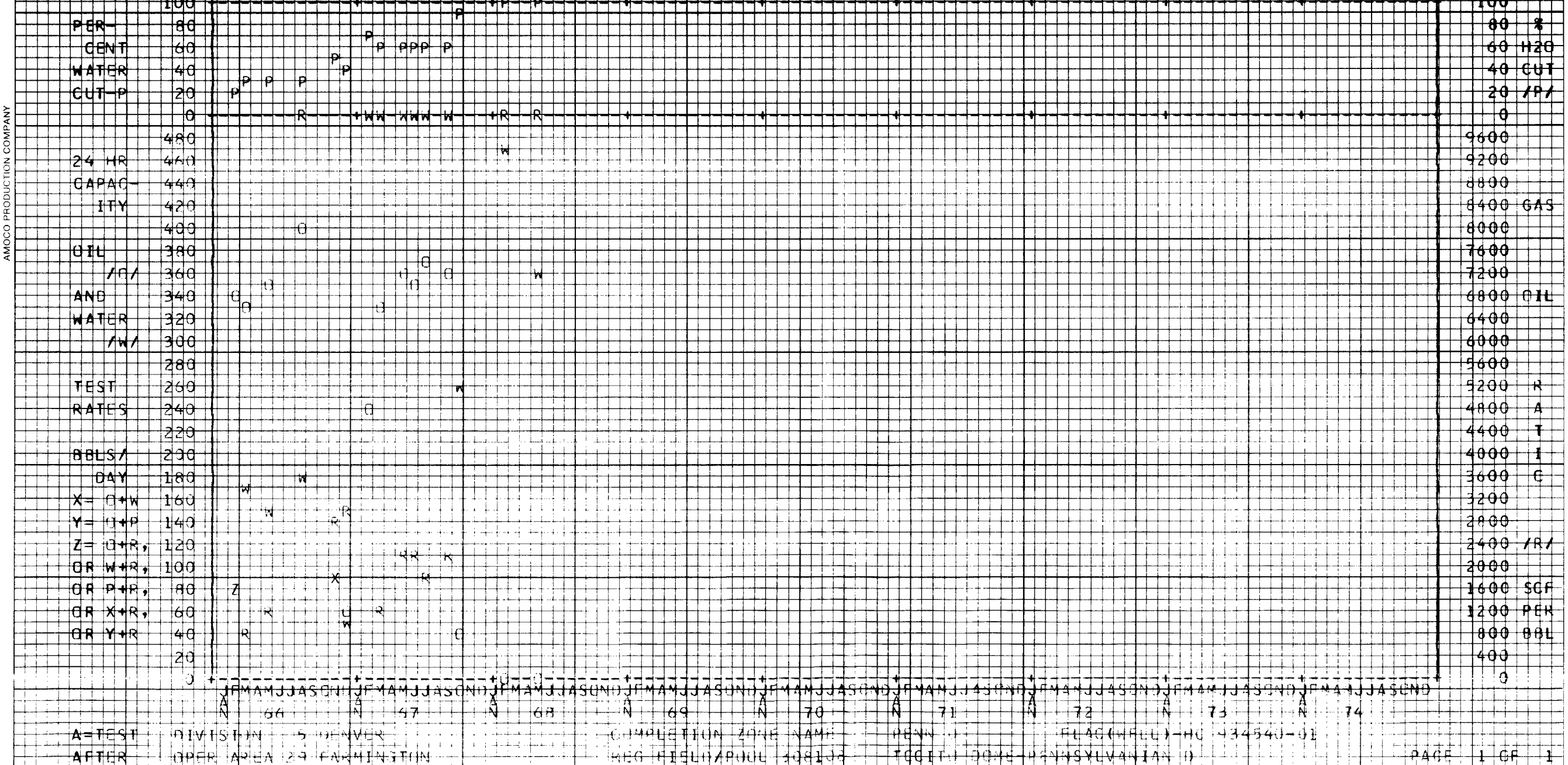
AFTER OPER AREA 29 FARMINGTON REG FIELD/POOL 308100 TOCITO DOME-PENNSYLVANIAN D PAGE 1 OF 1

WORKOVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAC(L/U)-NC 290650-00 NAVAJO TRIBAL /U/ LEASE WELL NO 014K16

AMOCO PRODUCTION COMPANY
FORM 5100-1
Uarco Business Forms - P
33882

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73

STATUS COND	X	99	9	9	99	22	222	22	2	2	
FTP OR	X	1	1	1							INPUT
FLUID LEVEL	X	03	3	4	04						PSIG
OR IFCP	X	00	0	0	00						
NO OF TESTS	X	11	1	1	11	12	111	11	1	1	
PROD HRS/DY	X	22	2	2	22	22	222	22	2	2	
	X	44	4	4	44	44	444	44	4	4	
HRS PMP OFF	X										INJ
	X										MI/CYL
S P M	X					11	111	11	1	1	CYCL
	X					44	443	33	4	2	TIME
TBG CH OR	X										GL CHOKE
STROKE LEN	X	11	1	1	00	88	888	88	8	8	
	X	43	4	3	00	FF	FFF	FF	F	F	64 THS
PMP DIA 16THS	X					22	222	22	2	2	
	X					44	444	44	4	4	
VOL EFFY %	X					HH	HHH	HH	H	H	INPT GFR
	X					II	III	II	I	I	MCF/DBL
TEST TIME	X	22	2	2	22	22	222	22	2	2	
	X	44	4	4	44	44	444	44	4	4	
HOURS	X	00	0	0	00	00	000	00	0	0	
DAY OF TEST	X	12	1	1	21	21	311	2	2	2	
	X	77	8	6	85	49	123	60	6	5	



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AFTER OPER AREA 29 FARMINGTON REG FIELD/POOL 408100 TOCITO DOME-PENNSYLVANIAN D PAGE 1 OF 1

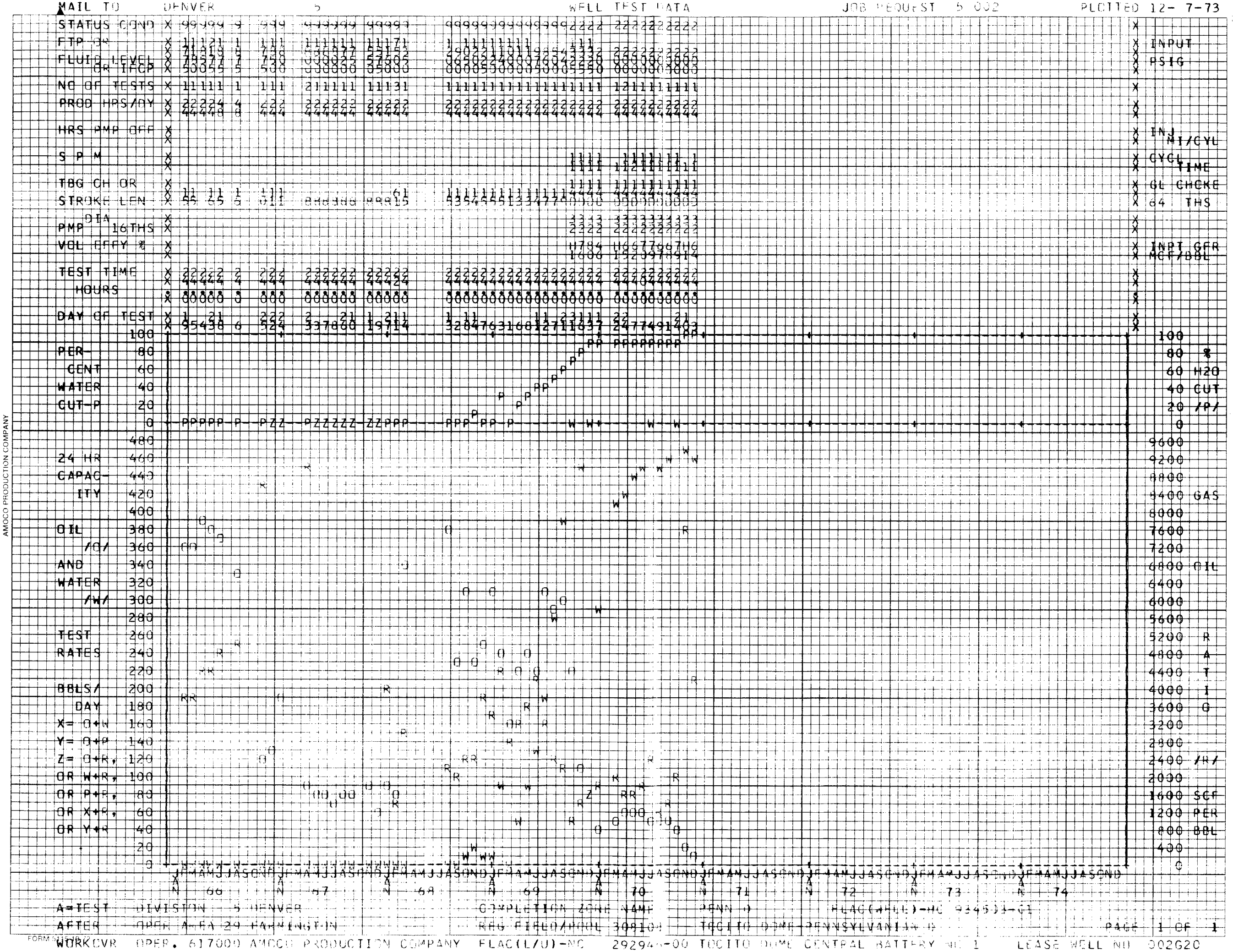
FORM 3115-B72 WORKOVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAC(L/U)-NO 292946-00 TOCITO DOME CENTRAL BATTERY NO 1 LEASE WELL NO 001L21

AMOCO PRODUCTION COMPANY

Uarco Business Forms - P

33883

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73



AMOCO PRODUCTION COMPANY

FORM 0-1-1-1

Uarco Business Forms

33884

MAIL TO DENVER 5 WELL TEST DATA JOB REQUEST 5 002 PLOTTED 12- 7-73

STATUS COND
FTP OR
FLUID LEVEL
HR TFCP
NO OF TESTS
PROD HRS/DY
HRS PMP OFF
S P M
TBG CH OR
STROKE LEN
PMP DIA 16THS
VOL EFFY %
TEST TIME HOURS
DAY OF TEST

INPUT PSIG
INJ MI/CYL
CYCL TIME
CL CHOKE 64 THS
INPT GFR MCF/BBL

PER-CENT WATER CUT-P
24 HR CAPAC-ITY
OIL /O/ AND WATER /W/
TEST RATES BBLS/DAY
X= O+W OR Y= W+P Z= O+W, OR W+P, OR P+W, OR X+W, OR Y+W

100 80 60 40 20 0
480 460 440 420 400 380 360 340 320 300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0

100 80 % 60 H2O 40 CUT 20 /P/ 0
9600 9200 8800 8400 GAS 8000 7600 7200 6800 OIL 6400 6000 5600 5200 R 4800 A 4400 T 4000 I 3600 O 3200 2800 2400 /R/ 2000 1600 SCF 1200 PER 800 BBL 400 0

J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
N 66 N 67 N 68 N 69 N 70 N 71 N 72 N 73 N 74

A=TEST DIVISION 5 DENVER COMPLETION ZONE NAME PENN O FLAC(WELL)-NO 433244-01
AFTER OPER AREA 29 FARMINGTON REG FIELD/POOL 331109 TOCITO DOME-PENNSYLVANIAN O PAGE 1 OF 1

FORM 5115-10-72 WORKOVR OPER. 617000 AMOCO PRODUCTION COMPANY FLAC(L/O)-NO 293953-00 TOCITO DOME SWDS LEASE WELL NO C01D22

AMOCO PRODUCTION COMPANY

Uarco Business Forms

33885