

State of New Mexico
Commissioner of Public Lands

W. R. Humphries
COMMISSIONER

April 12, 1990

Advisory Board

George Clark
Chairman

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Vice Chairman

Melvin Cordova

Joe Kelly

Robert Portillos

Nancy Lynch Vigil

Rex Wilson

Amerada Hess Corporation
Drawer "D"
Monument, New Mexico 88265

CTB - 345

RE: Request for Approval to Surface Commingle
Lea County, New Mexico

Gentlemen:

We received your letter dated February 26, 1990 wherein you request approval to surface commingle the production from the following wells located in Section 2, T20S, R36E.:

WELL NAME	STATE LEASE NO.
State I #1	A-1375
State M #1	B-1385
State J #1,2,3	B-1656
State S #1,2	B-1936
Monument State A #2	B-3114

The Commissioner of Public Lands hereby grants approval to commingle the production from the above captioned wells. Please be advised that any deviation from the approved operations will be grounds to rescind our approval. Our approval is subject to like approval by the Oil Conservation Division.

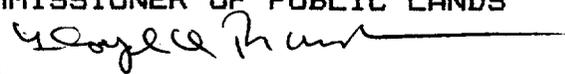
We received your filing fee in the amount of thirty dollars (\$30.00).

If you have any questions, please contact Susan Howarth at (505) 827-5791.

Very truly yours,

W.R. HUMPHRIES,
COMMISSIONER OF PUBLIC LANDS

BY:


FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5749

enclosure

AMERADA HESS CORPORATION

1990 FEB 5 AM 9 17

P. O. DRAWER "D"
MONUMENT, NEW MEXICO 88265

January 30, 1990

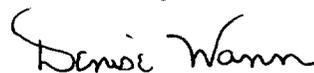
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir;

Amerada Hess Corporation respectfully requests approval to surface commingle production from the Grayburg San Andres at the State IJMS commingled facility with the Monument State A #2.

The State IJMS is a commingled Grayburg San Andres production facility located in Section 2, Township 20 South, Range 36 East of Lea County, New Mexico. The State I #1, State M #1, State S #1 and #2 and State J #1, #2 and #3 are served by this facility. Recently Amerada Hess Corporation purchased Union Texas Petroleum Corporation State A Lease located in Section 2, Township 20 South, Range 36 East. Amerada Hess Corp. renamed the lease the Monument State A #2. The State A #2 is the only producer on the lease with last Grayburg San Andres production recorded in May 1987. The facilities serving the State A Lease would require major repairs to vessels and tanks before production could resume. By commingling this well with the State IJMS, production could be resumed at a fraction of the cost. Enclosed is a plat showing leases involved, commingling facilities and decline curves for the wells. All wells are Grayburg San Andres producers with like compositions and gravities. Thank you for your prompt attention to this matter.

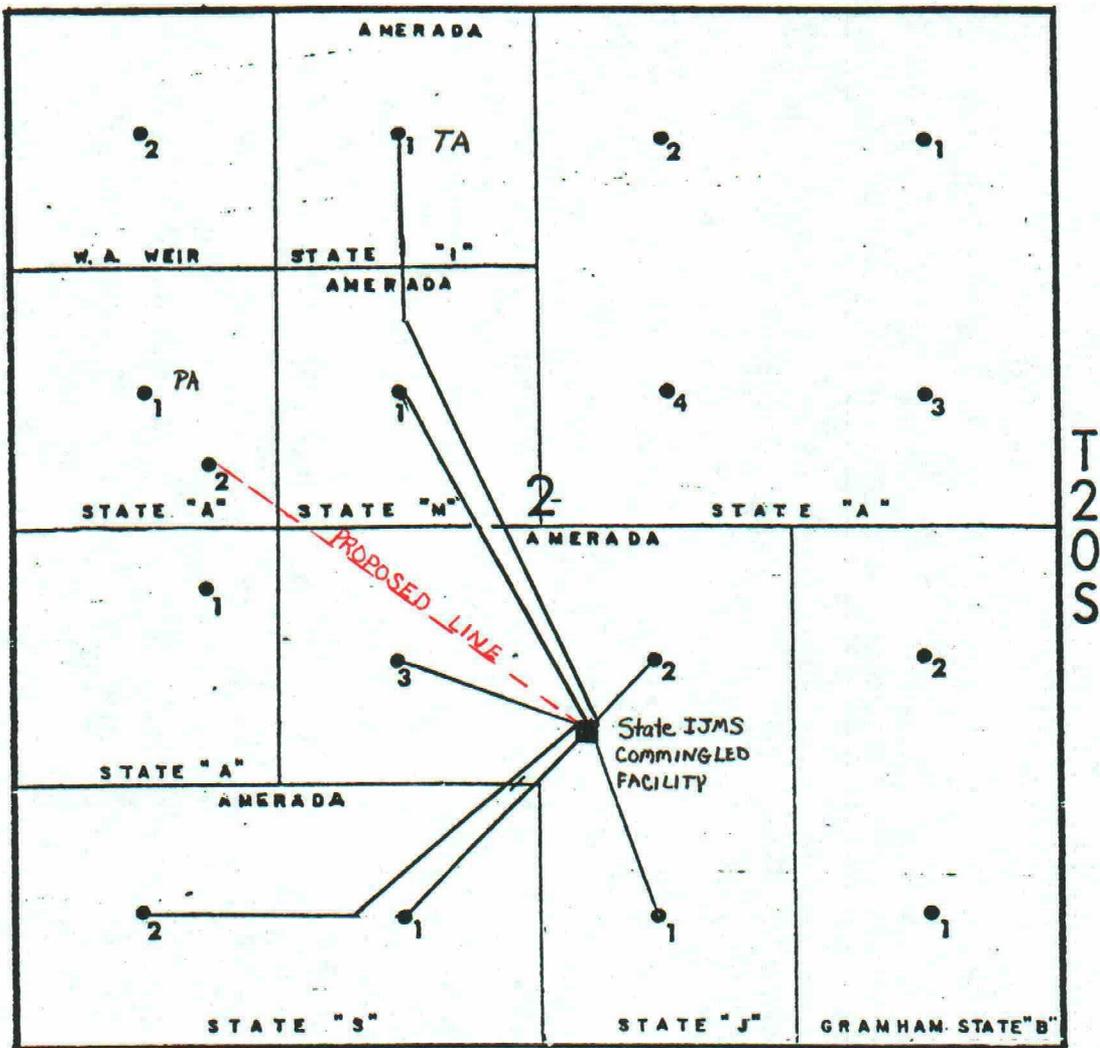
Sincerely,



Denise Wann
Senior Petroleum Engineer

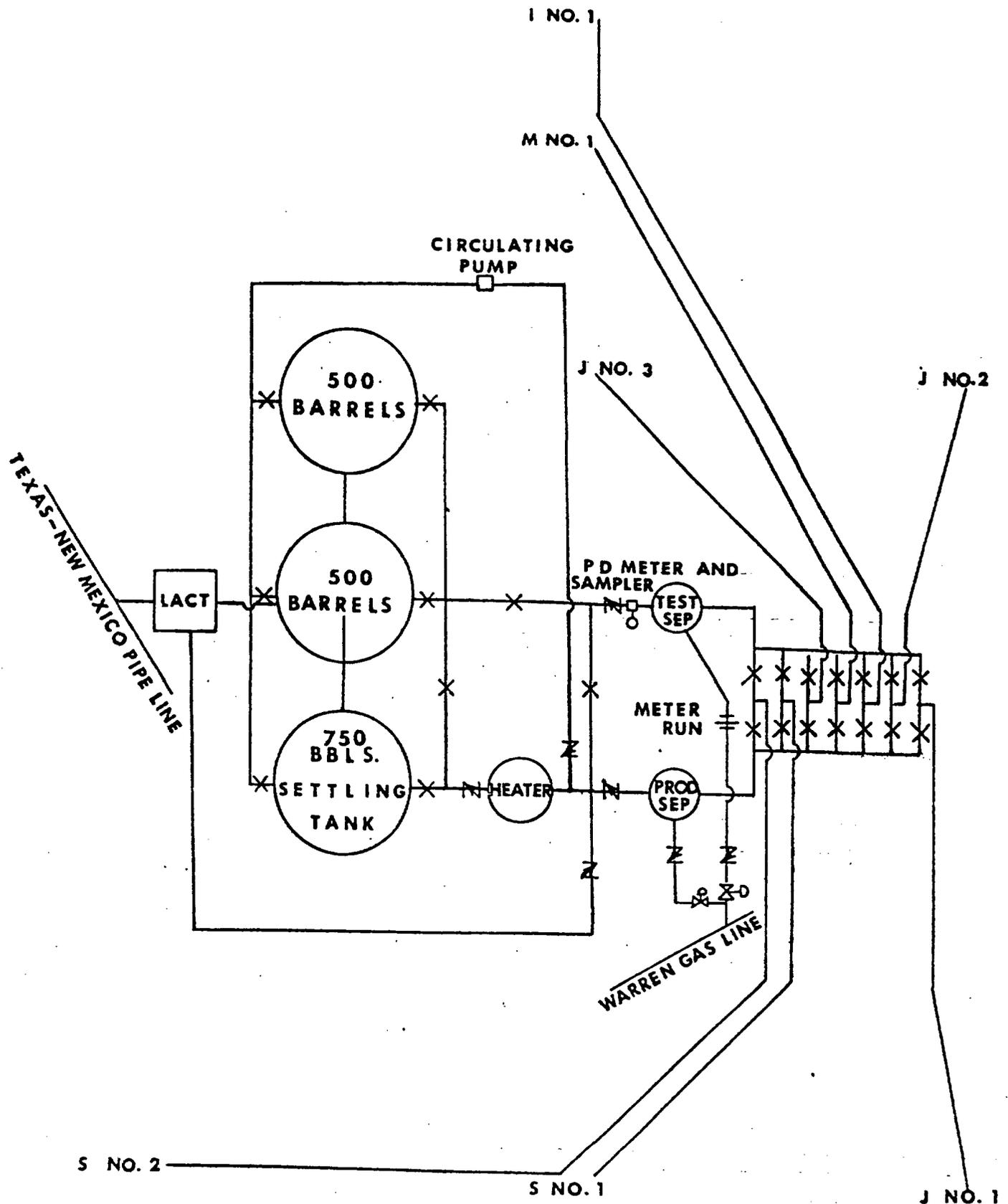
XC NMOCD - Hobbs

State Land Office
P.O. Box 630
Santa Fe, NM 87501-0360



— EXISTING FLOW LINES

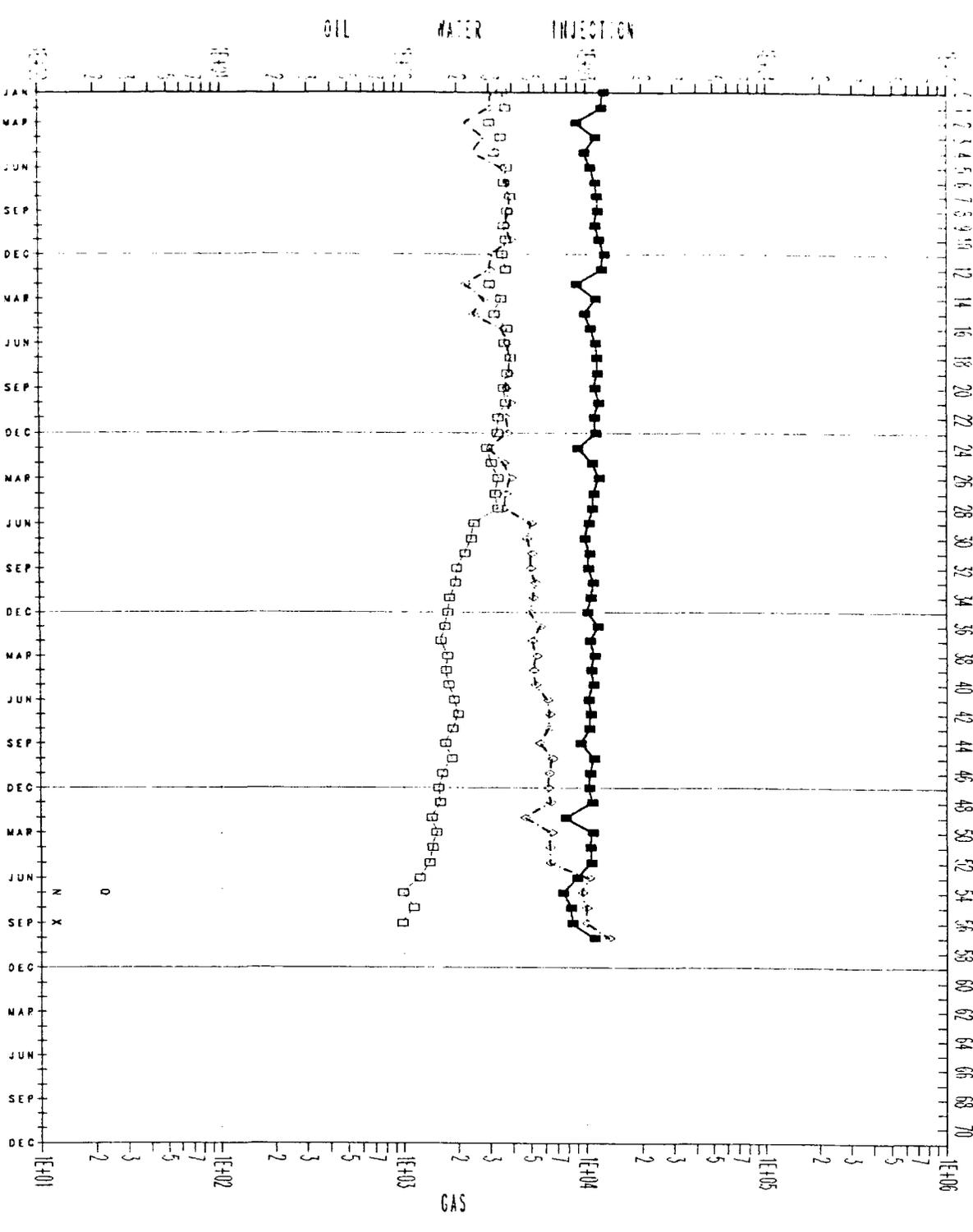
MONUMENT FIELD
GRAYBURG-SAN ANDRES POOL
LEA COUNTY, NEW MEXICO



STATE "I and M" - "J and S"
BATTERY

MONUMENT GRAYBURG - SAN ANDRES

CURVULATIVES:
 OIL BBL/MO 5891.3
 GAS MCF/MO 3448.0
 WATER BBL/MO 2181.7
 INJECTION 694.7
 OIL BBL/MO 3448.0
 GAS MCF/MO 2251.9
 WATER BBL/MO 2251.9
 INJECTION 707.4
 OIL BBL/MO 3448.0
 GAS MCF/MO 2251.9
 WATER BBL/MO 2251.9
 INJECTION 720.1
 OIL BBL/MO 3448.0
 GAS MCF/MO 2251.9
 WATER BBL/MO 2251.9
 INJECTION 730.5
 OIL BBL/MO 3448.0
 GAS MCF/MO 2251.9
 WATER BBL/MO 2251.9
 INJECTION 730.5



OIL BBL/MO
 GAS MCF/MO
 WATER BBL/MO
 INJECTION MCF/MO

1985 1986 1987 1988 1989 1990

JAN MAR JUN SEP DEC
 1985 1986 1987 1988 1989 1990

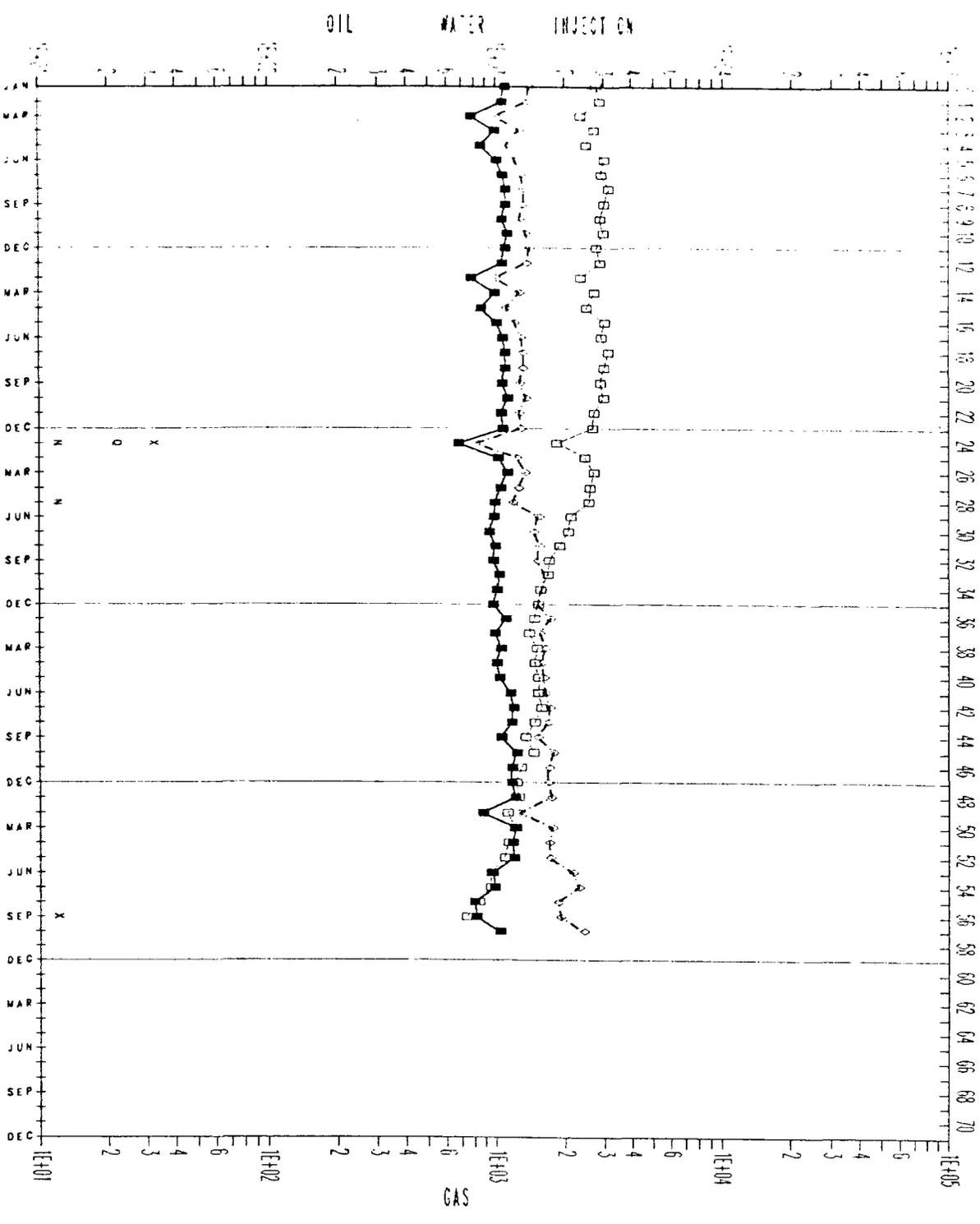
10000
 1000
 100
 10
 1

PLOT DATE: 11/17/89
 PLOT NO.: 1067
 REGION: SOUTHWEST REGION PEO
 FIELD: MORGENTHAU FIELD
 POOL: //G-S//
 LEASE: 02281 STATE 1
 WELL: 1
 STATE CODE: 30 NEW MEXICO
 ROD CODE: 623

STATUS:
 34 ON 9/18/89
 OIL
 PUMP - MOTOR

- WORK OVER CODES:
 X - CHEMICAL SOLIDETE
 T - PARAFFIN INHIBITOR
 R - WELL HEAD
 P - SCALE INHIBITOR
 N - ROOS AND/OR PUMP
 L - POLISH ROD
 J - LINKS
 H - HOT OIL
 F - FRESH WATER
 D - CLEAN OUT
 B - CONVERT TO SALTPAN
 9 - CONVERT TO OIL
 7 - FISH
 5 - ACIDIZE
 3 - PERFORATE
 1 - SQUELZE
- U - ABANDONED
 S - CORROSION INHIBITOR
 Q - TUBING
 0 - SWAB
 W - SUPER-SOUBLE EQUIP.
 K - PACKER
 I - HYDRAULIC EQUIPMENT
 G - GAS LIFT VALVES
 E - OIL PARAFFIN
 C - CASINGS
 A - CONVERT TO MI
 8 - SPARK PLUG
 6 - DRILL BIT
 4 - TRAC
 2 - PLUG BACK

CUMULATIVE VESS: 785.5 798.8 812.7 823.8 835.3
 GAS WFT 1190.9 1154.8 1180.6 1196.2 1208.7
 WTR WFT 282.3 297.3 313.7 333.3 354.0
 INJ WFTS



OIL 88L/MO
 GAS MCF/MO
 WTR 88L/MO

PLOT DATE: 11/17/89
 PLOT NO.: 1065

REGION: SOUTHWEST REGION PRO
 FIELD: MCKINLEY FIELD
 POOL: ((G-S))
 LEASE: 02281 STATE J
 WELL: 2
 STATE CODE: 30 NEW MEXICO
 PWD CODE: 623

STATUS:
 34 ON 9/27/89

OIL
 PUMP - MOTOR

WORK OVER CODES:
 X - CHEMICAL SQUEEZE
 T - PARAFFIN INHIBITOR
 R - WELL HEAD
 P - SCALE INHIBITOR
 N - ROOS AND/OR PUMP
 L - POLISH ROD
 J - LINER
 H - HOT OIL
 F - FRESH WATER
 O - CLEAN OUT
 8 - CONVERT TO SALT WATER
 9 - CONVERT TO OIL
 7 - FISH
 5 - ACIDIZE
 3 - PERFORATE
 1 - SQUEEZE

U - ABANDONED
 S - CORROSION INHIBITOR
 Q - TUBING
 O - SSB
 N - SUSPENSIBLE EQUIP.
 K - PACKER
 I - HYDRAULIC EQUIPMENT
 C - GAS LIFT VALVES
 E - CUT PARAFFIN
 C - CASING
 A - CONVERT TO W
 8 - GRAVEL PACK
 6 - DRILL BIT
 4 - FRAC
 2 - PUG BACK

NOTE: 1E+02 = 100
 1E+03 = 1000
 1E+04 = 10000

CONTRACT VES:
 OIL WBL/MO 516.2
 GAS WBL/MO 314.0
 INJ WBL/MO 70.8

1985
 JUN 513.5
 SEP 533.5
 DEC 78.7

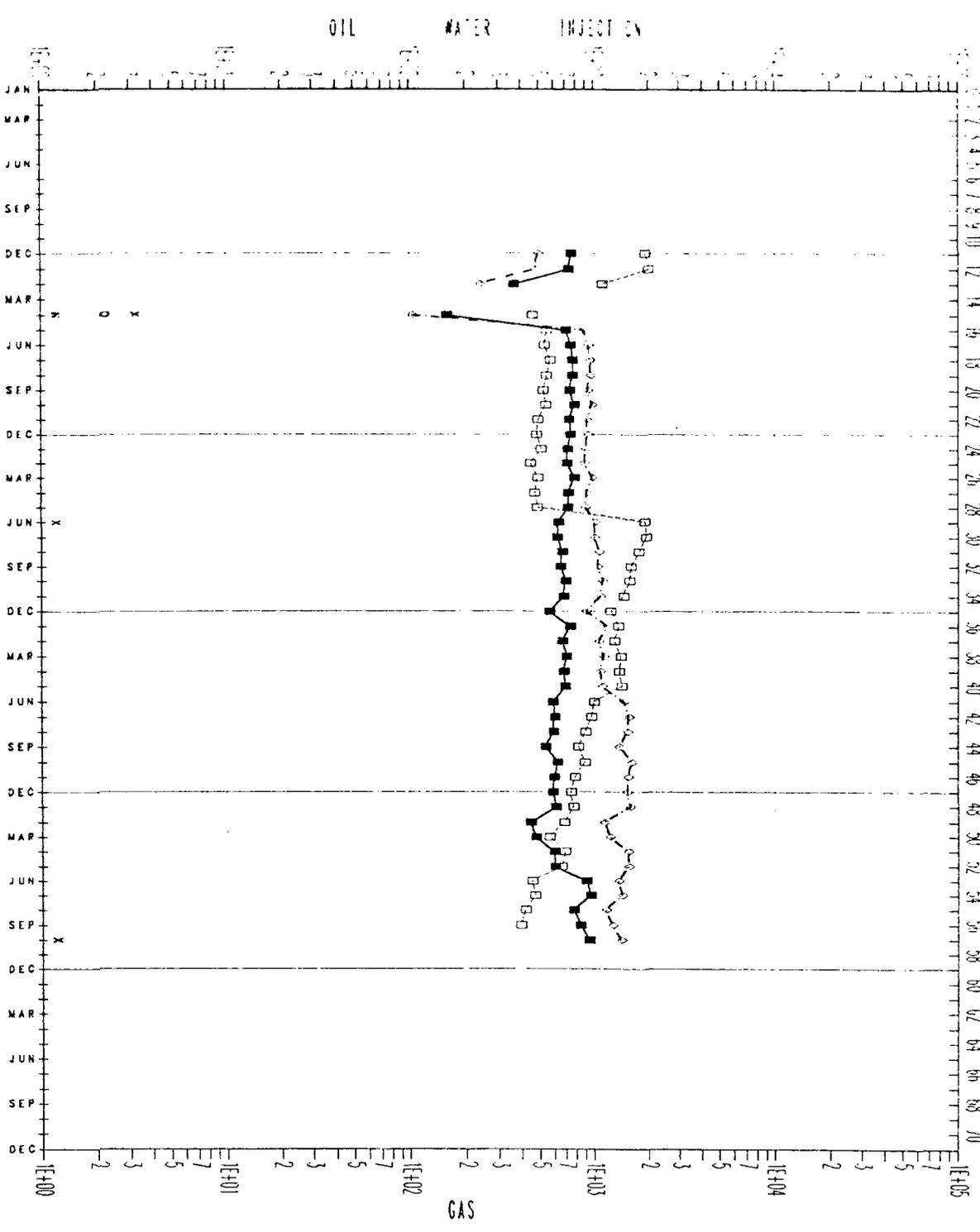
1986
 JUN 591.9
 SEP 536.5
 DEC 90.7

1987
 JUN 599.8
 SEP 533.1
 DEC 108.3

1988
 JUN 707.3
 SEP 553.9
 DEC 121.3

1989
 JUN
 SEP
 DEC

1990
 JUN
 SEP
 DEC



NOTE: 1E+01 = 10
 1E+02 = 100
 1E+03 = 1000
 1E+04 = 10000

1985
 JUN 10
 SEP 10
 DEC 10

1986
 JUN 10
 SEP 10
 DEC 10

1987
 JUN 10
 SEP 10
 DEC 10

1988
 JUN 10
 SEP 10
 DEC 10

1989
 JUN 10
 SEP 10
 DEC 10

1990
 JUN 10
 SEP 10
 DEC 10

PLOT DATE: 11/17/89
 PLOT NO.: 1065

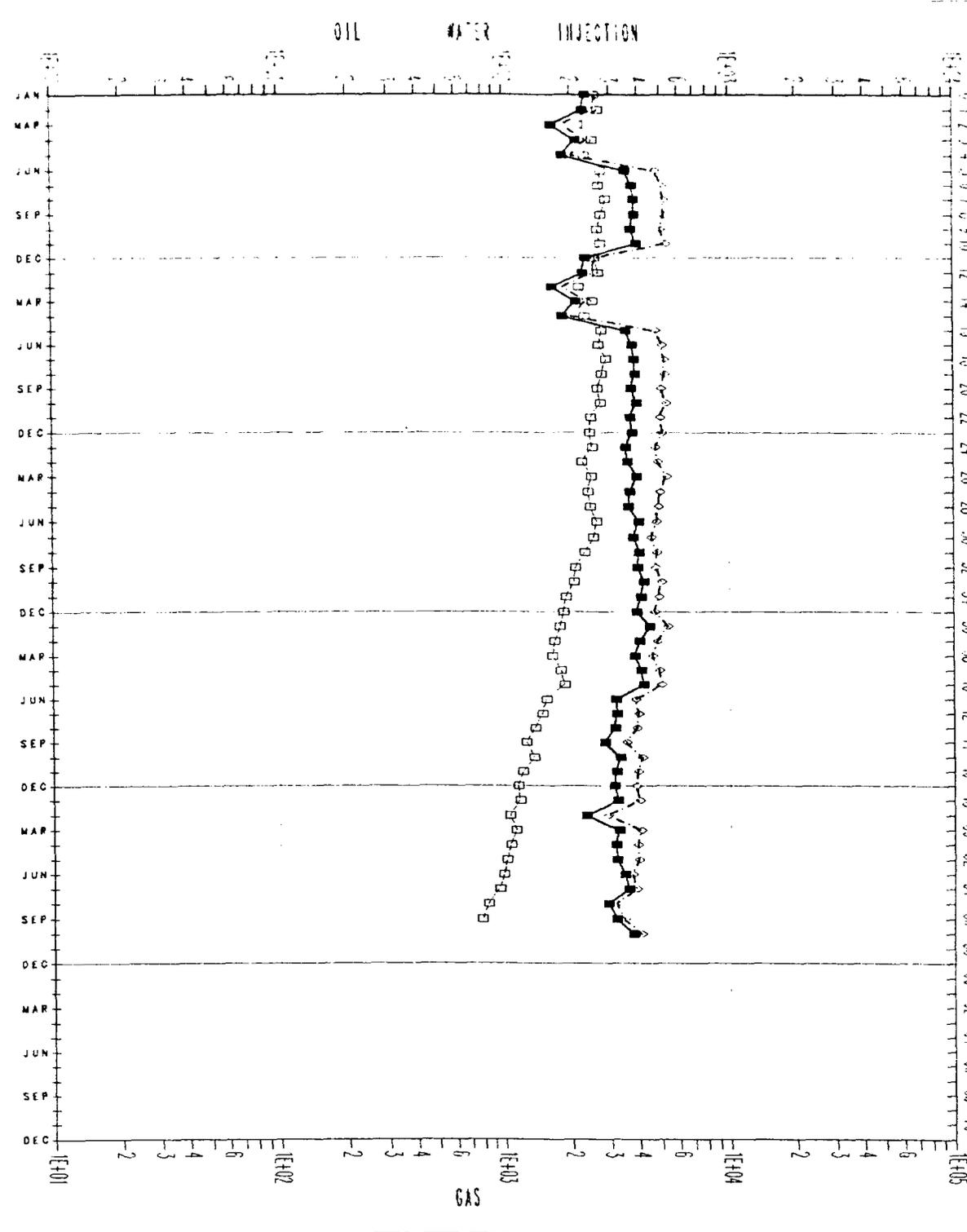
REGION: SOUTHWEST REGION PRO
 FIELD: MOUNTAIN FIELD
 POOL: ((G-SA))
 LEASE: 02281 STATE J
 WELL: 31
 STATE CODE: 30 NEW MEXICO
 ROD CODE: 023

STATUS:
 34 ON 10/12/89

OIL
 PUMP - MOTOR

- WORK OVER CODES:
- X - CHEMICAL SOLICITE
 - T - PARAFFIN INHIBITOR
 - R - WELL HEAD
 - P - SCALE INHIBITOR
 - K - ROOS AND/OR PUMP
 - L - POLISH ROD
 - J - LINER
 - H - HOT OIL
 - F - FRESH WATER
 - D - CLEAN OUT
 - B - CONVERT TO SALTWATER
 - 9 - CONVERT TO OIL
 - 7 - FISH
 - 5 - ACTIVATE
 - 3 - REACTIVATE
 - 1 - SQUEEZE
- U - ABANDONED
 - S - CORROSION INHIBITOR
 - Q - TUBING
 - 0 - SRB
 - N - SUBSENSIBLE EQUIP.
 - K - PACKER
 - I - HYDRAULIC EQUIPMENT
 - G - GAS LIFT VALVES
 - E - CUT PARAFFIN
 - C - CASING
 - A - CONVERT TO W
 - B - GRABEL PACK
 - 6 - DRILL OUT
 - 4 - FRAC
 - 2 - PLUG BACK

CUMULATIVES:
 OIL BBL 602.3
 GAS MCF 2388.1
 WATER BBL 575.2
 INJ. BBL 605.9
 GAS MCF 2447.4
 WATER BBL 585.8
 OIL BBL 614.9
 GAS MCF 2466.3
 WATER BBL 591.1
 OIL BBL 618.4
 GAS MCF 2476.4
 WATER BBL 595.2



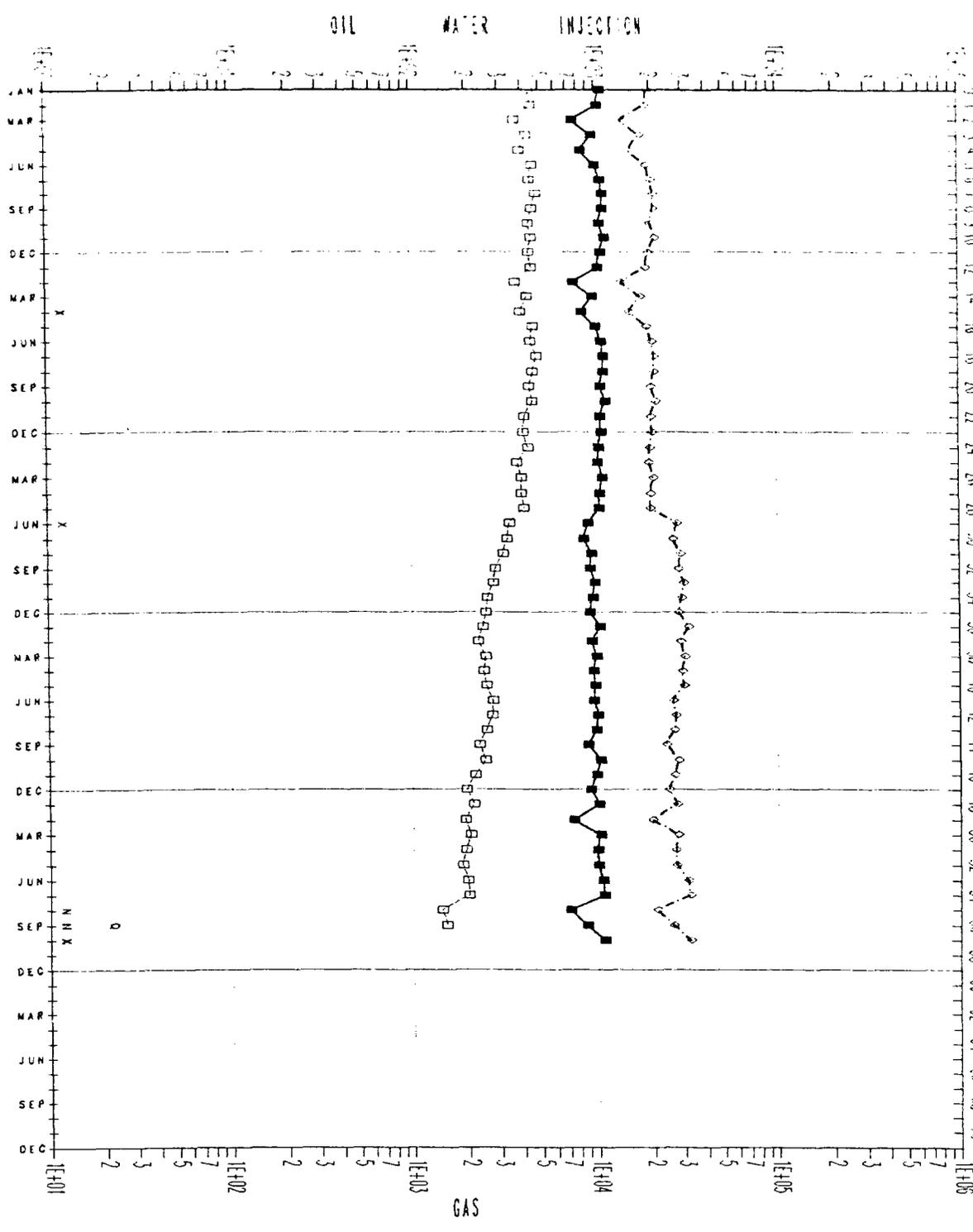
DATE: 1985 1986 1987 1988 1989 1990
 1 1 1 1 1 1
 10 10 10 10 10 10
 10 10 10 10 10 10

OIL BBL/MO
 GAS MCF/MO
 WATER BBL/MO

NOTE: 1E+03 = 100
 1E+05 = 1000
 1E+04 = 10000

PLOT DATE: 11/17/89
 PLOT NO.: 1080
 REGION: SOUTHWEST REGION PRO
 FIELD: ANTONIO FIELD
 POOL: //G-SH//
 LEASE: 02294 STATE W
 WELL: 1
 STATE CODE: 39 NEW MEXICO
 REG CODE: 623
 STATUS: 34 ON 6/23/89
 OIL
 PUMP - WPT01

CUMULATIVE VOLS.
 OIL WALS 797.6
 GAS WALS 3730.2
 WTR WALS 341.7
 809.8
 3773.0
 373.7
 821.7
 3773.0
 373.7
 833.4
 3802.7
 407.5
 843.9
 3821.5
 437.1



OIL BBL/MO
 GAS MCF/MO
 WTR BBL/MO

NOTE: 1E+02 = 100
 1E+03 = 1000
 1E+04 = 10000

PROD DATE: 11/17/89
 PROD NO.: 1984

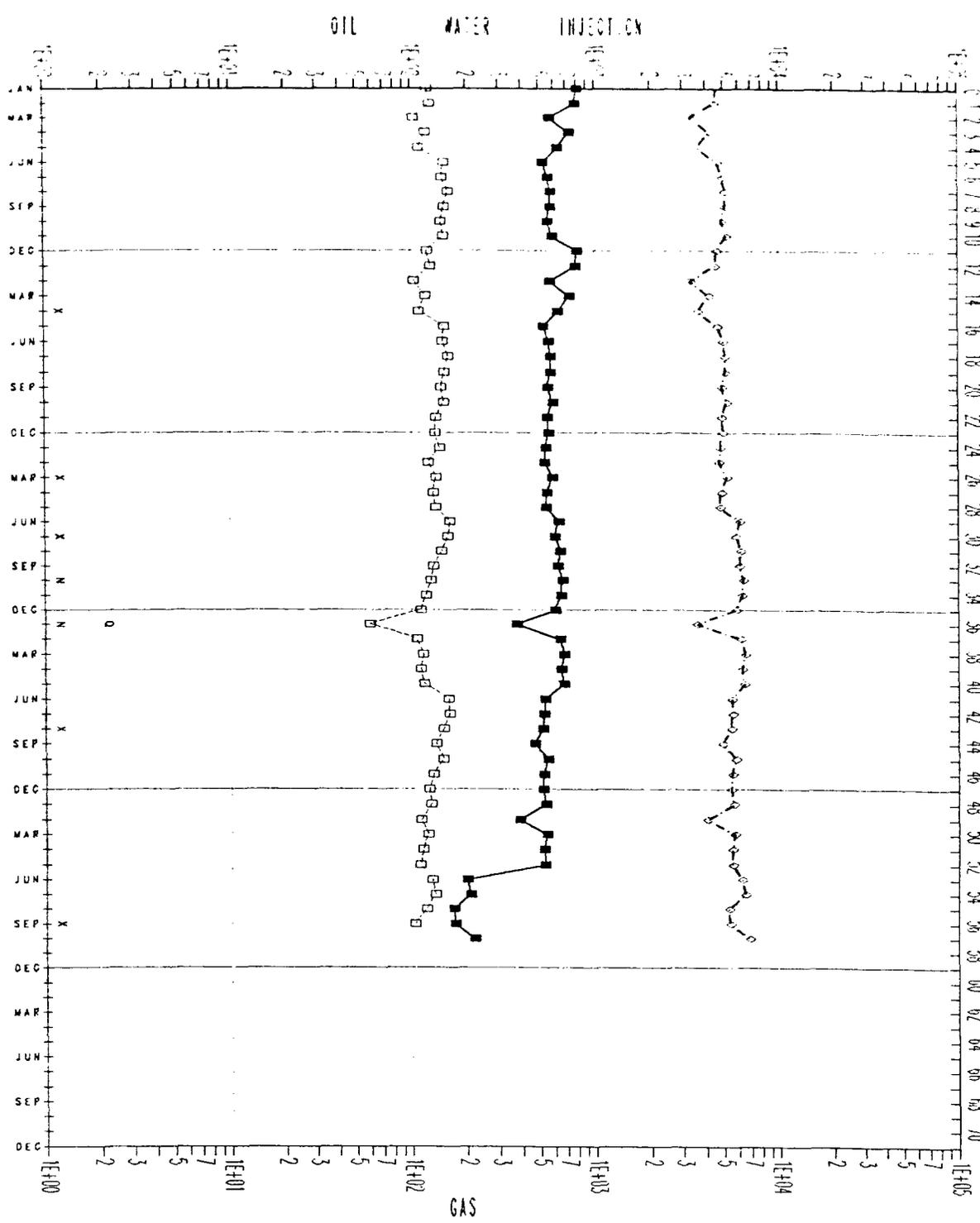
REGION: SOUTHWEST REGION BRQ
 FIELD: WARDWELL FIELD
 POOL: ((G-SA))
 LEASE: 02109 STATE S
 WELL: 1
 STATE CODE: 30 NEW MEXICO
 RAB CODE: 683

STATUS: 34 ON 10/22/89

OIL
 PUMP - MOTOR

- WORK OVER CODES:
- X - CHEMICAL SOLICITE
 - T - PARAFFIN INHIBITOR
 - R - WELL HEAD
 - P - SCALE INHIBITOR
 - N - ROOS AND/OR PUMP
 - L - POLISH ROV
 - J - LINER
 - H - HOT OIL
 - F - FRESH WATER
 - D - CLEAN OUT
 - B - CONVERT TO SALTWATER
 - 9 - CONVERT TO OIL
 - 7 - FISH
 - 5 - ACTIVITE
 - 3 - PERFORATE
 - 1 - SOLICITE
- U - ABANDONED
 - S - CORROSION INHIBITOR
 - Q - TUBING
 - O - STAB
 - N - SUSPENSIBLE EQUIP.
 - K - PACKER
 - I - HYDRAULIC EQUIPMENT
 - G - GAS LIFT VALVES
 - E - CUT PARAFFIN
 - C - CASING
 - A - CONVERT TO WI
 - B - GRAVEL PACK
 - 6 - DRILL OUT
 - 4 - FLAC
 - 2 - PLUG BACK

CURVE AT WELLS:
 OIL BBL/MO 2333.9
 GAS MCF/MO 1035.4
 WTR BBL/MO 1085.8
 1985
 1986
 1987
 1988
 1989
 1990



NOTE: 1E+01 = 100
 1E+02 = 1000
 1E+04 = 10000

PLOT DATE: 11/17/89
 PLOT NO.: 1085
 REGION: SOUTHWEST REGION PRO
 FIELD: NEWBURN FIELD
 POOL: //G-SA//
 LEASE: 02208 STATE 5
 WELL: 2
 STATE CODE: 30 NEW MEXICO
 ROD CODE: 623

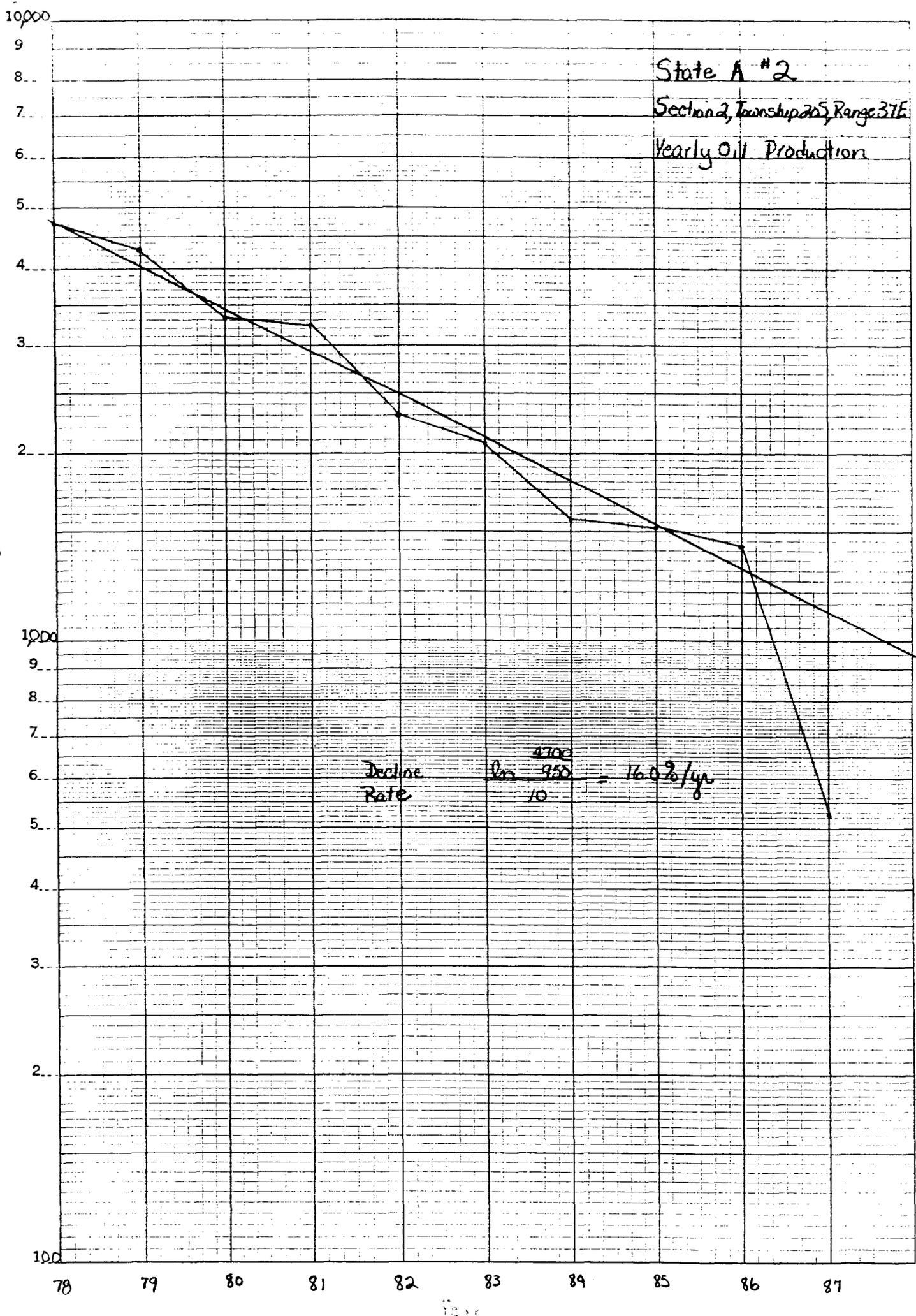
STATUS:
 34 ON 9/21/89
 OIL
 PUMP - MOTOR

- WORK OVER CONS:
- X - CHEMICAL SOLUZE
 - T - PARAFFIN INHIBITOR
 - R - WELL HEAD
 - P - SCALE INHIBITOR
 - N - RODS AND/OR PUMP
 - L - POLYMER JOB
 - J - LINER
 - H - HOT OIL
 - F - FRESH WATER
 - D - CLEAN OUT
 - B - CONVERT TO SALTWATER
 - 9 - CONVERT TO OIL
 - 7 - FISH
 - 5 - ACTIVATE
 - 3 - PERFORATE
 - 1 - SQUEEZE
- U - ABANDONED
 - S - CORROSION INHIBITOR
 - Q - TUBING
 - D - SNA
 - N - SUBMERISABLE EQUIP.
 - K - PACKER
 - I - HYDRAULIC EQUIPMENT
 - G - GAS LIFT VALVES
 - E - CUT PARAFFIN
 - C - CASING
 - A - CONVERT TO WI
 - 8 - GRAVEL PACK
 - 6 - DRILL OUT
 - 4 - FRAC
 - 2 - PUMP BACK

Yearly Oil Production

State A #2
Section 2, Township 20S, Range 37E
Yearly Oil Production

SEMI-LOGARITHMIC 358-60
KEUFFEL & ESSER CO. MADE IN U.S.A.
2 CYCLES X 60 DIVISIONS



State of New Mexico

COMMISSION

HOBBS OFFICE O. C. C.

90 MAR 29 AM 9 51

MAY 16 2 01 PM '68



Commissioner of Public Lands

GUYTON B. HAYS
COMMISSIONER



P. O. BOX 1148
SANTA FE, NEW MEXICO

April 25, 1968

Re: Request to Commingle Grayburg-San Andres Production from Amerada Petroleum Leases NM-835, NM-703, NM-687 & NM-778. State of New Mexico Oil & Gas Leases Nos. A-1375-18; B-1385-2; B-1656-2 & B-1936-9 LOCO #14

Amerada Petroleum Corporation
P. O. Box 2040
Tulsa, Oklahoma
74102

Attention: Mr. O. W. Hadley, Land Dept

Gentlemen:

Your request of April 9, 1968, to Commingle Grayburg-San Andres Production from the captioned wells, is hereby approved by The Commissioner of Public Lands, with the following reservations:

1. That the State Land Office, Oil & Gas Department, be furnished monthly activity reports on each well.
2. That the Commissioner of Public Lands reserves the right to withdraw said approval if, at any time in his discretion, he deems this operation to be adverse to the best interests of the State of New Mexico.

Enclosed is receipt for the \$10.00 filing fee which you submitted.

Very truly yours,

GUYTON B. HAYS
Commissioner of Public Lands

By: *Ted Bilberry*
TED BILBERRY, Director
Oil and Gas Department

RDG:jc

cc: New Mexico Oil Conservation Commission

New Mexico Oil & Gas Accounting Commission

State of New Mexico



Commissioner of Public Lands

E. S. JOHNNY WALKER
COMMISSIONER



P. O. BOX 1168
SANTA FE, NEW MEXICO

December 14, 1964

Amerada Petroleum Corporation
Post Office Box 668
Hobbs, New Mexico

Att: D. C. Capps

Gentlemen:

Our records indicate that you are reporting commingling production from the following leases:

B-1556 state ✓
B-1936 state S

Within twenty (20) days from the above date, please furnish this office with your authority to commingle production for the above leases.

If you have an Oil Conservation Commission Order, please indicate the Oil Conservation Commission Order number on the right hand margin of the enclosed tab sheet. In the event your authority is not by Oil Conservation Commission order, please furnish us with a photo-copy of such authority. Please return the enclosed tab sheet to this office.

Very truly yours,

E. S. JOHNNY WALKER,
Commissioner of Public Lands

By *Ted Bilberry*
TED BILBERRY, Director,
Oil and Gas Department

ESJW/RDG/TB/kcl
Enclosure

w/cc to: Oil Conservation Commission
Oil and Gas Accounting Commission

COPY for W. G. Kelto

Midland, Texas,
P. O. Box 312,
March 16, 1942.

Oil Conservation Commission,
State of New Mexico,
Santa Fe, New Mexico.

Attention: Mr. John Kelly, State Geologist

Dear Sir:

In Monument Field we have quite a large number of producing State Leases, some of which, where the royalty belongs to the same institution or fund, (even though not parts of the same basic lease) could be consolidated and produced into a common tank battery, and allow the salvaging of a number of tanks and separators, which could be used elsewhere. Such a salvage is of much importance at present, in view of the war and the consequent steel emergency. The increasing difficulty in obtaining new tank and separator material is well known.

We, therefore, hereby respectfully apply for permission to make the following combinations of leases, each combination to be operated and produced into one central or common tank battery:

SEE EXHIBIT "A", attached hereto.

In effectuating these combinations we propose to maintain adequate tankage and other equipment, so that the production from each well can be accurately determined at reasonable intervals, as provided by the rules of the Commission.

On said proposed combinations appearing on Exhibit "A", attached, we hereby make application for an exception to Order No. 72 of the Commission, dated July 26, 1937, paragraph D, Case No. 8, which provides that at the option of the operator a central tank battery may be used to receive the production of two to not more than five units of the same basic lease. Such order further provides that exceptions may be made at the discretion of the Commission.

Since these proposed combinations do not involve any problems of royalty divisions, and the benefits of the steel salvage being self evident, we feel that there should be no objection to the approval of the application to combine the leases, and to the approval of the application for exception to Order No. 72, as above set forth.

Respectfully submitted,
AMERADA PETROLEUM CORPORATION,

(Signed) J. E. Low

cc: Office of the Commissioner of Public Lands,
Santa Fe, New Mexico

JWC

JWC

*Ans. to
Ore. 4/10/42
AB*

W. L. Smith

April 7, 1942

Mr. H. Rogers
Commissioner of Public Lands
Santa Fe, New Mexico

Dear Sir:

Attached herewith is copy of a letter addressed to the Oil Conservation Commission of New Mexico from our Production Department, which is self-explanatory. Attached to this letter is also a copy of the schedule referred to in that letter as Exhibit "A", together with a map of the Monument Pool in Lea County.

Our Production Department is requesting the Oil Conservation Commission to grant certain exceptions from Order No. 72 of the Commission which has to do with running oil into one tank battery from producing wells not all falling within the same basic lease.

We realize that the question of combining in one royalty payment income from more than one base lease is a matter which falls under the jurisdiction of the Land Office and we are therefore writing you and respectfully request that you take this matter under advisement. In all cases of consolidation which our Production Department has requested, the income from royalty is to the identical institution for all land which we wish to consolidate.

As the attached schedule will show, granting of our request will save a total of twenty-three tanks and thirteen separators. We feel that in the present national crisis any conservation in steel is a matter of vital importance. The change requested would make the tanks and separators available for use elsewhere, thus reducing the necessity of acquiring new equipment.

We ask that you take this matter under advisement at your early convenience and advise us of your decision on it.

Yours truly,

NEWADA PETROLEUM CORPORATION

By *J. L. Powell*
Land Department

JL:D
cc - Mr. John Kolly, State Geologist
Oil Conservation Commission
Santa Fe, New Mexico

Encl.

*cc Mr. L. Manning
Office of Comm. of Pub. Lands
Santa Fe*

Copy to W.G.R. - Tulsa 4/10/42 AB

NEW MEXICO
OIL CONSERVATION COMMISSION

15
Midland
L...
...

GOVERNOR JOHN E. MILES, Chairman
STATE LAND COMMISSIONER H. R. RODGERS, Member
STATE GEOLOGIST JOHN M. KELLY, Secretary



P. O. Box 871

Santa Fe, New Mexico

May 6, 1942

Amerada Petroleum Corporation
P. O. Box 312
Midland, Texas

Attention: J. E. Lowe

Re: Amerada Petroleum Corporation - permit to use central
tank batteries for wells produced from different
basic leases, Monument Pool, as an exception to
Paragraph D, Order No. 72. (Circular No. 3).

Dear Mr. Lowe:

This is to inform you that the Commission at its Executive Meeting on April 30 took the following action with regard to your application dated March 16, 1942, for an exception for use of central tank batteries in the above captioned matter:

The full Commission considered your application along with the written consent of the Commissioner of Public Lands filed in the matter, and granted the exception.

Very truly yours,

Carl B. Livingston

Carl B. Livingston
Chief Clerk & Legal Advisor

CEL:MS

cc Glenn Staley
Roy Yarbrough

*Conservation
Land*
Hand

April 30, 1942.

Oil Conservation Commission
Santa Fe, New Mexico.

Gentlemen:

Under date of March 16, 1942, the Nevada Petroleum Corporation made application both to the Oil Conservation Commission and the New Mexico State Land Office for an emergency relaxation of Oil Conservation Commission Order No. 72, promulgated July 20, 1939, in the matter of oil production from lease lands into central tank batteries.

After due consideration of the matter from the standpoint of the New Mexico State Land Office and of the operators upon state lands, this office is agreeable to a relaxation of said rule as a matter of emergency, provided that in each case of such requested consolidations the income from royalties to be to the identical institution. And provided further that operator will at all times maintain adequate facilities for testing and gauging each well separately.

Yours very truly,

H. R. Rogers
H. R. ROGERS, Commissioner of
Public Lands.