

State of New Mexico
Commissioner of Public Lands

W. R. Humphries
COMMISSIONER

April 12, 1990

Advisory Board

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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

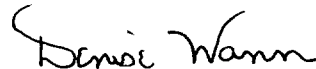
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

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.

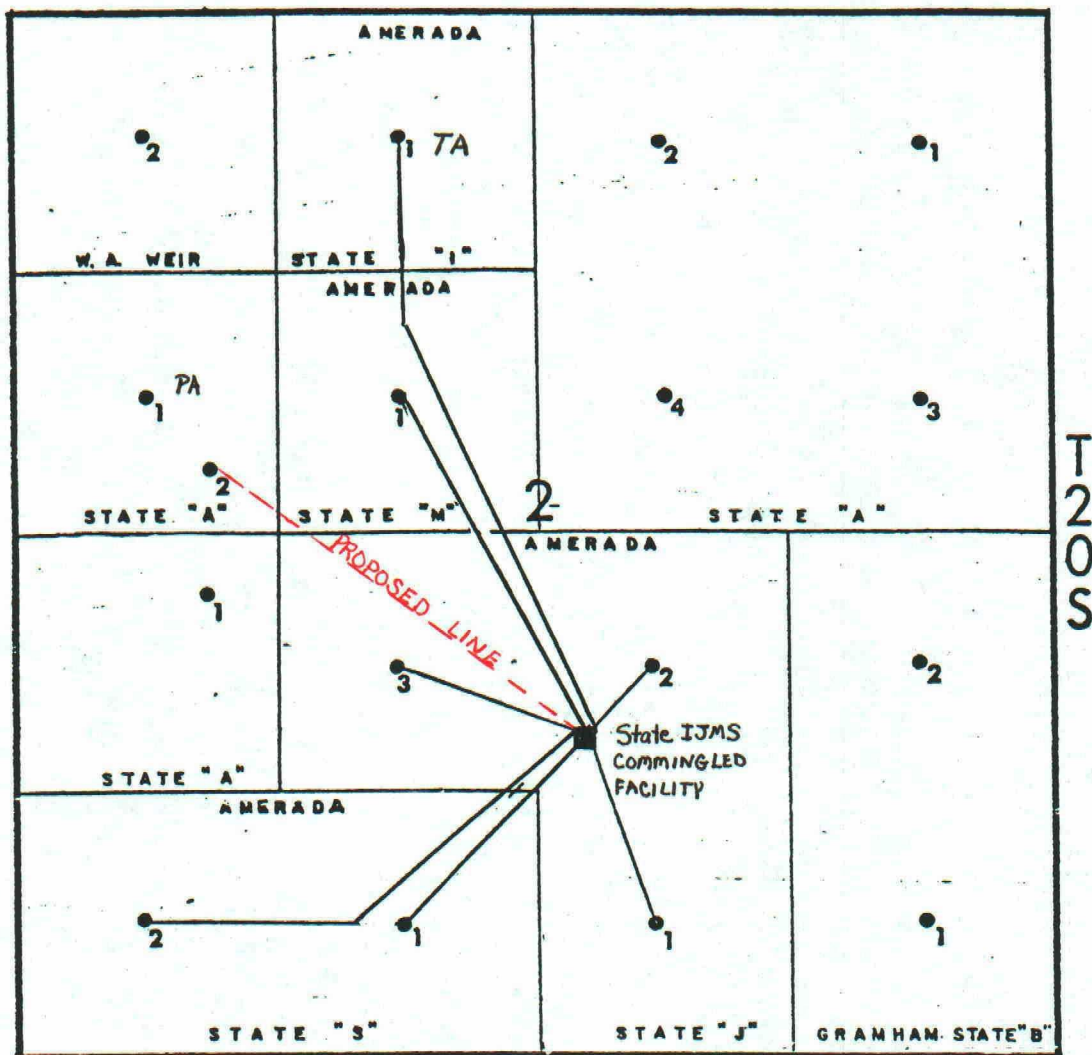
Sincerely,



Denise Wann
Senior Petroleum Engineer

XC NMOCD - Hobbs

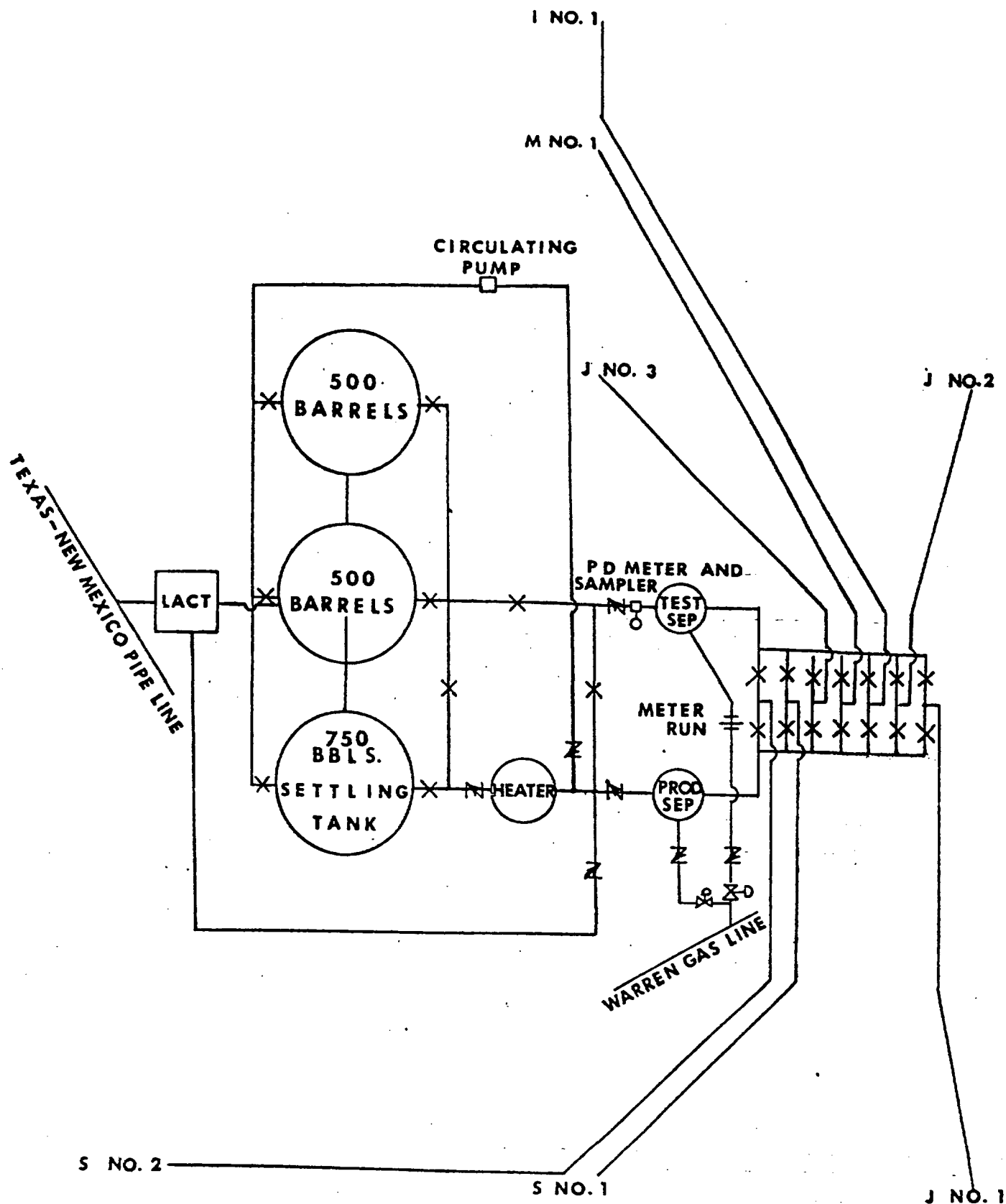
State Land Office
P.O. Box 630
Santa Fe, NM 87501-0360



R 36E

— EXISTING FLOW LINES

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



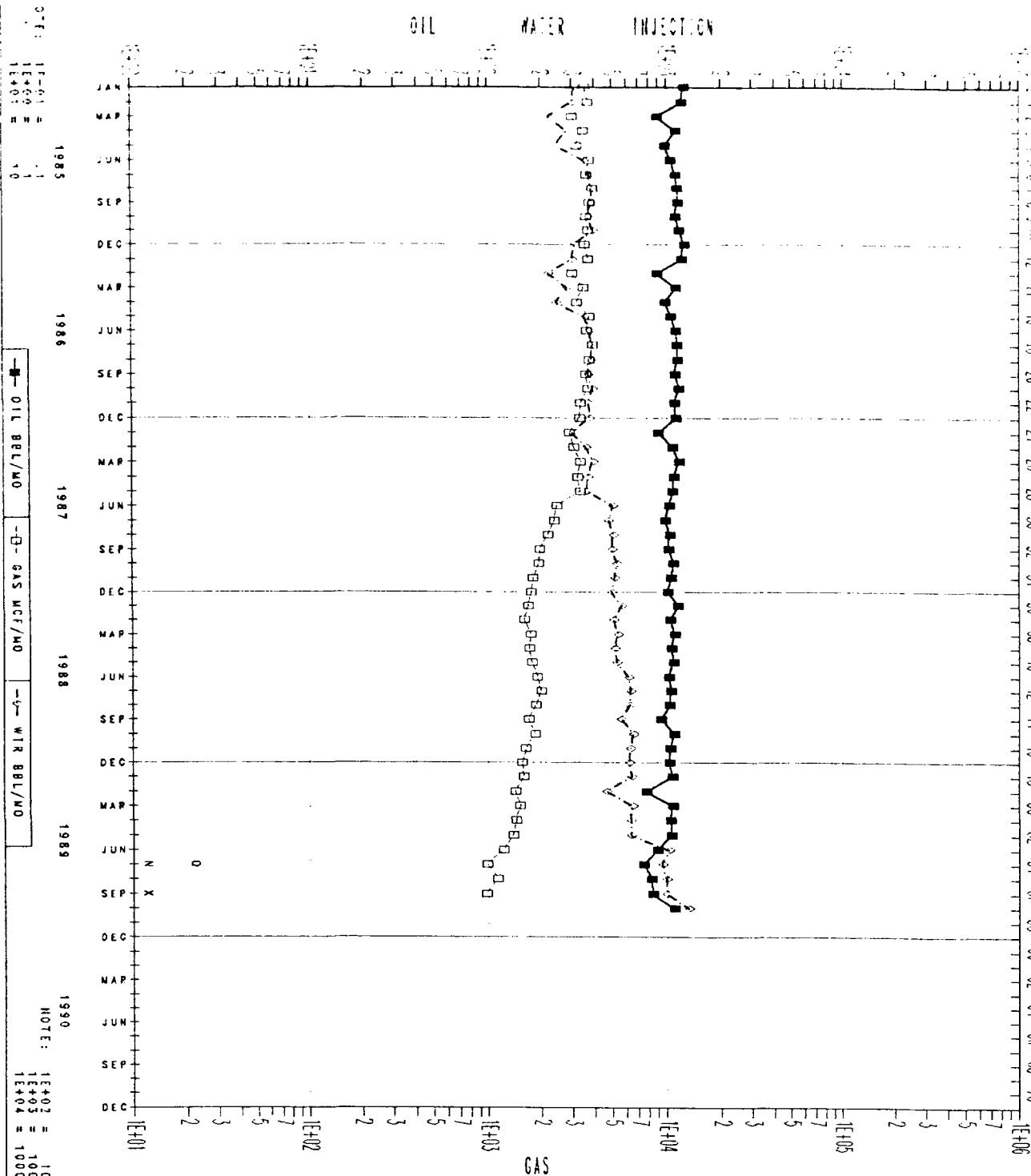
STATE "I and M" - "J and S"

BATTERY

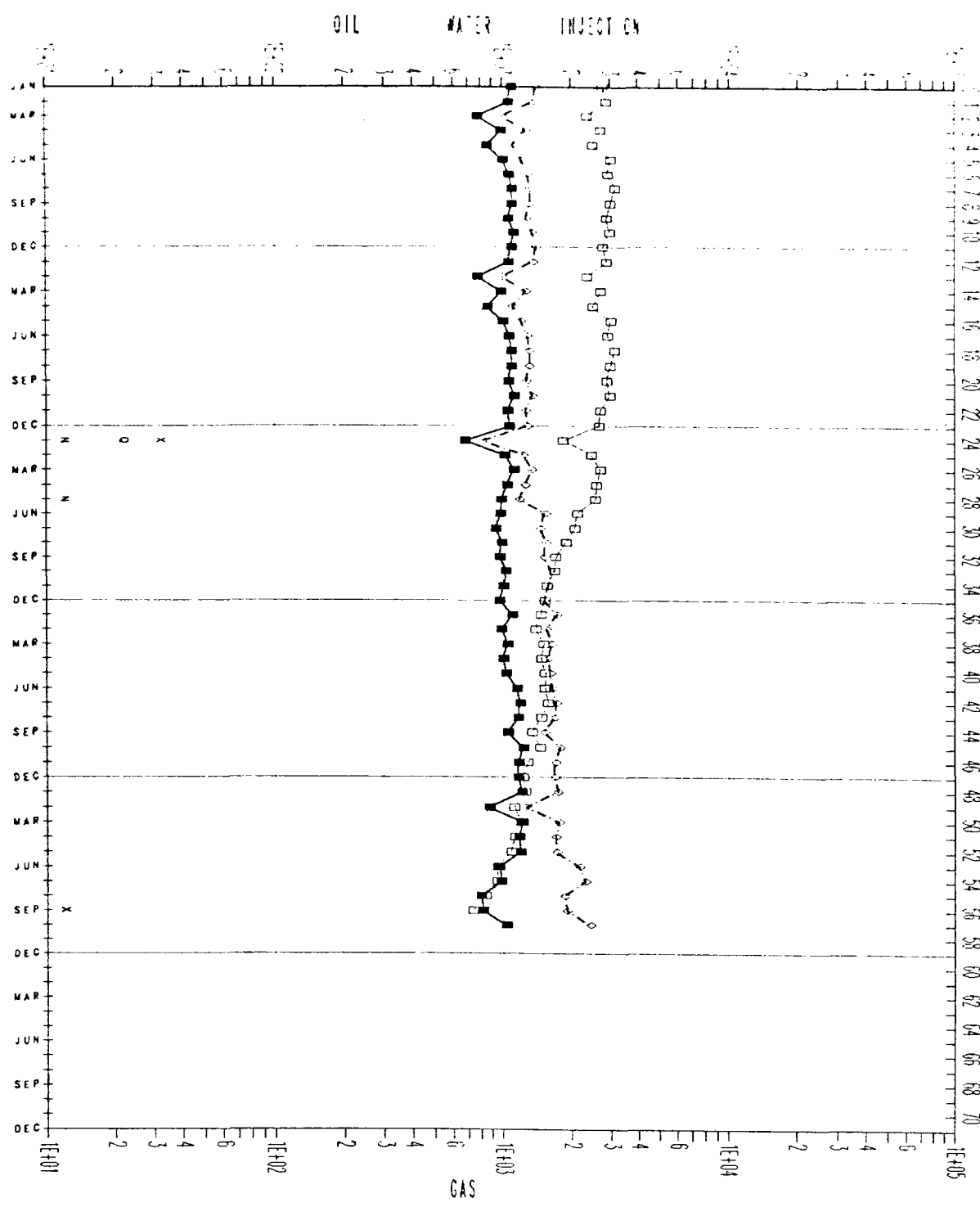
MONUMENT GRAYBURG - SAN ANDRES

730.6
3482.4
241.7

WORK ORDER CODES:	
X - CHEMICAL SUPPLY	U - ABANDONED
T - PARAFFIN INHIBITOR	S - CORROSION INHIBITOR
R - WELL HEAD	Q - TUBING
P - SCALE INHIBITOR	O - S&B
N - ROVS AND/OR PUMP	M - SUSPENSIBLE EQUIP.
L - POLISH ROD	K - Packer
J - LINER	I - HYDRAULIC EQUIPMENT
H - HOT OIL	G - GAS LIFT VALVES
F - FRESH WATER	E - CUT PARAFFIN
D - CLEAN OUT	C - CASING
B - CONVERT TO SALTWATER	A - CONVERT TO W
9 - CONVERT TO OIL	8 - GRAVEL PACK
7 - FISH	6 - DRILL OUT
5 - ACIDIZE	4 - FAC
3 - PERFORATE	2 - PLUG BACK
1 - SQUEEZE	



CUMULATIVE VES:
 CUMULATIVE GAS MCF 785.3
 CUMULATIVE OIL BBL 1190.9
 CUMULATIVE WATER BBL 282.3
 CUMULATIVE INJ. MCF 785.3
 CUMULATIVE OIL BBL 1154.8
 CUMULATIVE WATER BBL 287.3
 CUMULATIVE INJ. MCF 812.7
 CUMULATIVE GAS MCF 1180.6
 CUMULATIVE OIL BBL 1196.2
 CUMULATIVE WATER BBL 333.3
 CUMULATIVE INJ. MCF 835.3
 CUMULATIVE OIL BBL 1208.7
 CUMULATIVE WATER BBL 354.0
 CUMULATIVE INJ. MCF 855.3



NOTE: 1E+01 = 100
 1E+02 = 1000
 1E+03 = 10000
 1E+04 = 100000
 OIL BBL/MO
 GAS MCF/MO
 WATER BBL/MO
 INJECTION MCF/MO

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

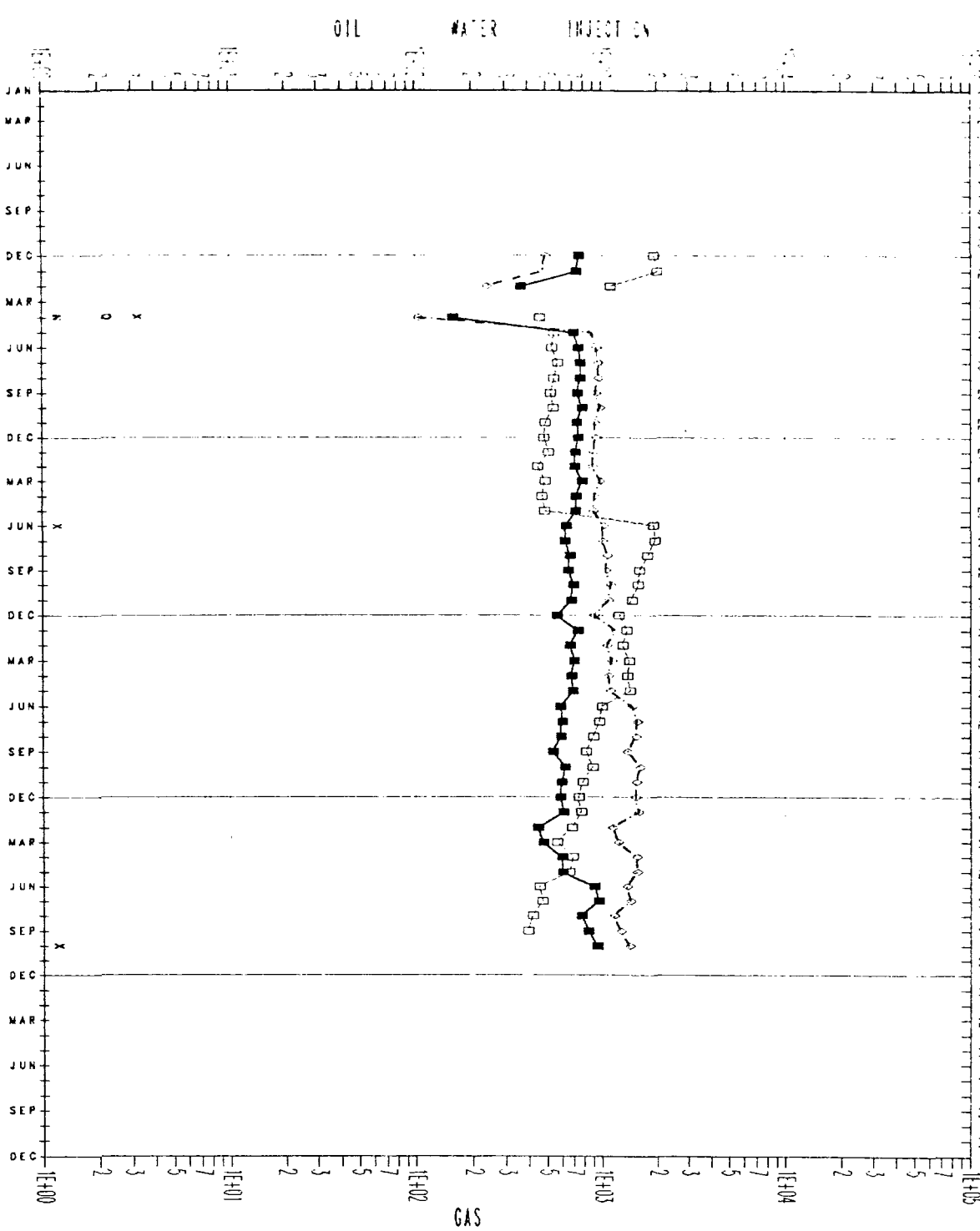
REGION: SOUTHWEST REGION PRO
 FIELD: WINGWING FIELD
 POOL: ((G-SA))
 LEAST: 02281 STATE J
 WELL: 2
 STATE CODE: 30 NEW MEXICO
 PWD CODE: 623

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 - RODS AND/OR PUMP
 - L - POLISH ROD
 - J - LINER
 - H - HOT OIL
 - F - FRESH WATER
 - O - CLEAN OUT
 - 8 - CONVERT TO SALTWATER
 - 9 - CONVERT TO OIL
 - 7 - FISH
 - 5 - ACIDIZE
 - 3 - PERFORATE
 - 1 - SQUEEZE
- U - ABANDONED
 - S - CORROSION INHIBITOR
 - Q - TUBING
 - O - SBA
 - N - SUSPENSIBLE EQUIP.
 - K - PACKER
 - I - HYDRAULIC EQUIPMENT
 - G - GAS LIFT VALVES
 - E - CUT PARAFFIN
 - C - CASING
 - A - CONVERT TO W
 - 8 - GRAVEL PACK
 - 6 - DRILL BIT
 - 4 - FRAC
 - 2 - PUG BACK

CUMULAT VES-
 OIL WELS 616.2
 GAS WELS 314.0
 WEL WELS 70.8
 1985 1986 1987 1988 1989 1990
 1E+00 = 100
 1E+03 = 1000
 1E+04 = 10000



NOTE: 1E+00 = 100
 1E+03 = 1000
 1E+04 = 10000
 1985 1986 1987 1988 1989 1990
 1E+02 = 100
 1E+03 = 1000
 1E+04 = 10000

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

REGION: SOUTHWEST REGION PRO
 FIELD: MOUNTAIN FIELD
 POOL: (16-2A)/
 LEASE: 02261 STATE J
 WELL: 31
 STATE CODE: 30 NEW MEXICO
 ROD CODE: 623

STATUS:
 34 ON 10/12/89

OIL
 PUMP - MOTOR

- WORK OVER CODES:
- X - CHEMICAL SOLID
 - 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
 - B - CONVERT TO SALTWATER
 - 9 - CONVERT TO OIL
 - 7 - FISH
 - 5 - ACTIVATE
 - 3 - REGRAB
 - 1 - SQUEEZE

- U - ABANDONED
- S - CORROSION INHIBITOR
- Q - TUBING
- O - SRB
- N - SUBSIDIARY EQUIP.
- K - PACER
- I - HYDRAULIC EQUIPMENT
- G - GAS LIFT VALVES
- E - CUT PARAFFIN
- C - CASING
- A - CONVERT TO W
- B - GRABER PAX
- G - DRILL OUT
- 4 - FRAC
- 2 - PLUG BACK

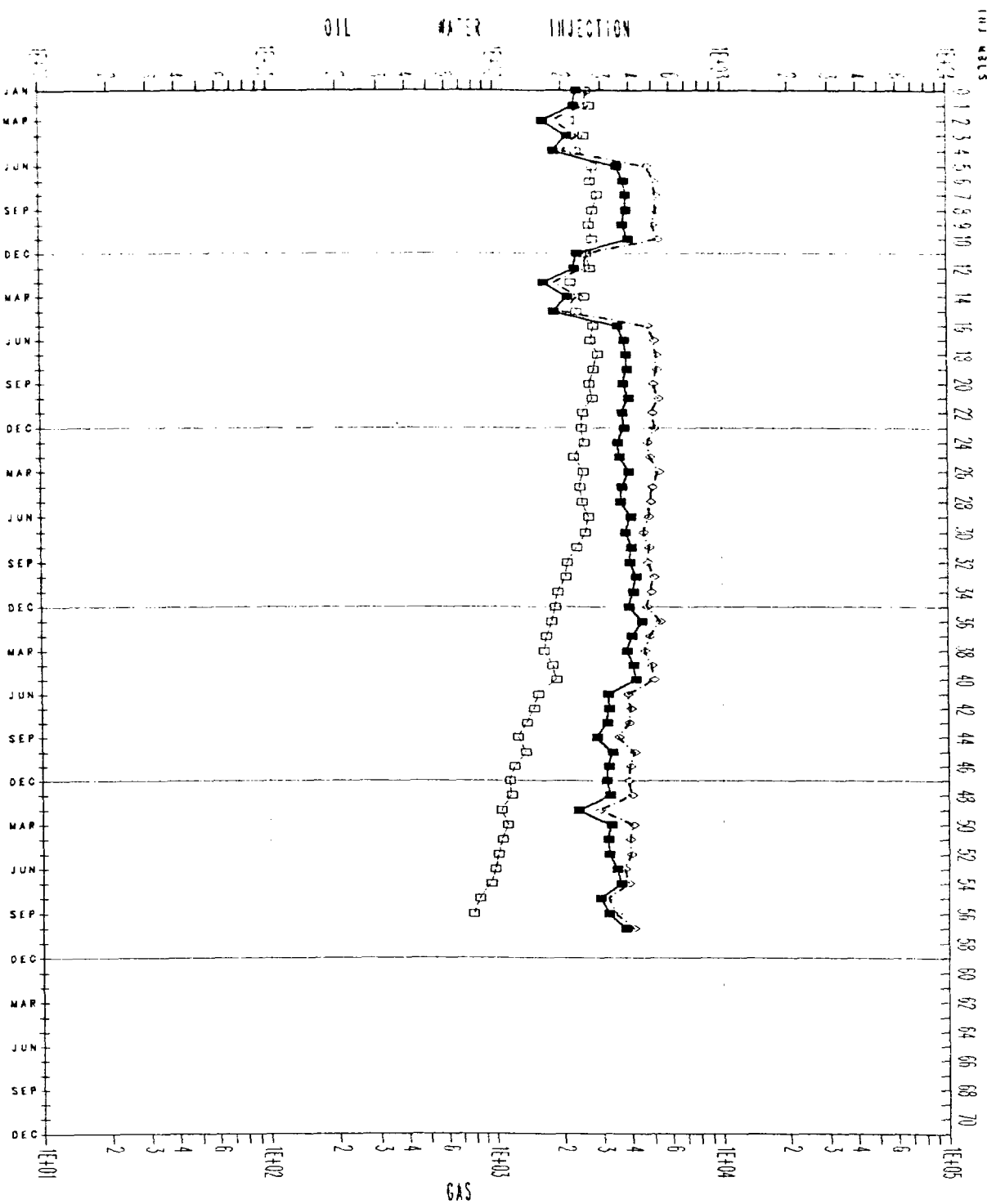
CUMULATIVES:
OIL BBL 602.3
GAS MCF 2388.1
WATER BBL 575.2

605.9
2419.4
579.9

610.5
2447.4
585.8

614.9
2466.3
591.1

618.4
2476.4
595.2



NOTE: 1E+01 = 100
1E+02 = 1000
1E+03 = 10000
1E+04 = 100000

PILOT DATE: 11/17/89
PILOT NO.: 1080

REGION: SOUTHWEST REGION PRO
FIELD: MOUNTAIN FIELD

POOL: //G-SH//

LEAST: 02294 STATE W

WELL: 1

STATE CODE: 39 NEW MEXICO

WELL CODE: 623

STATUS:

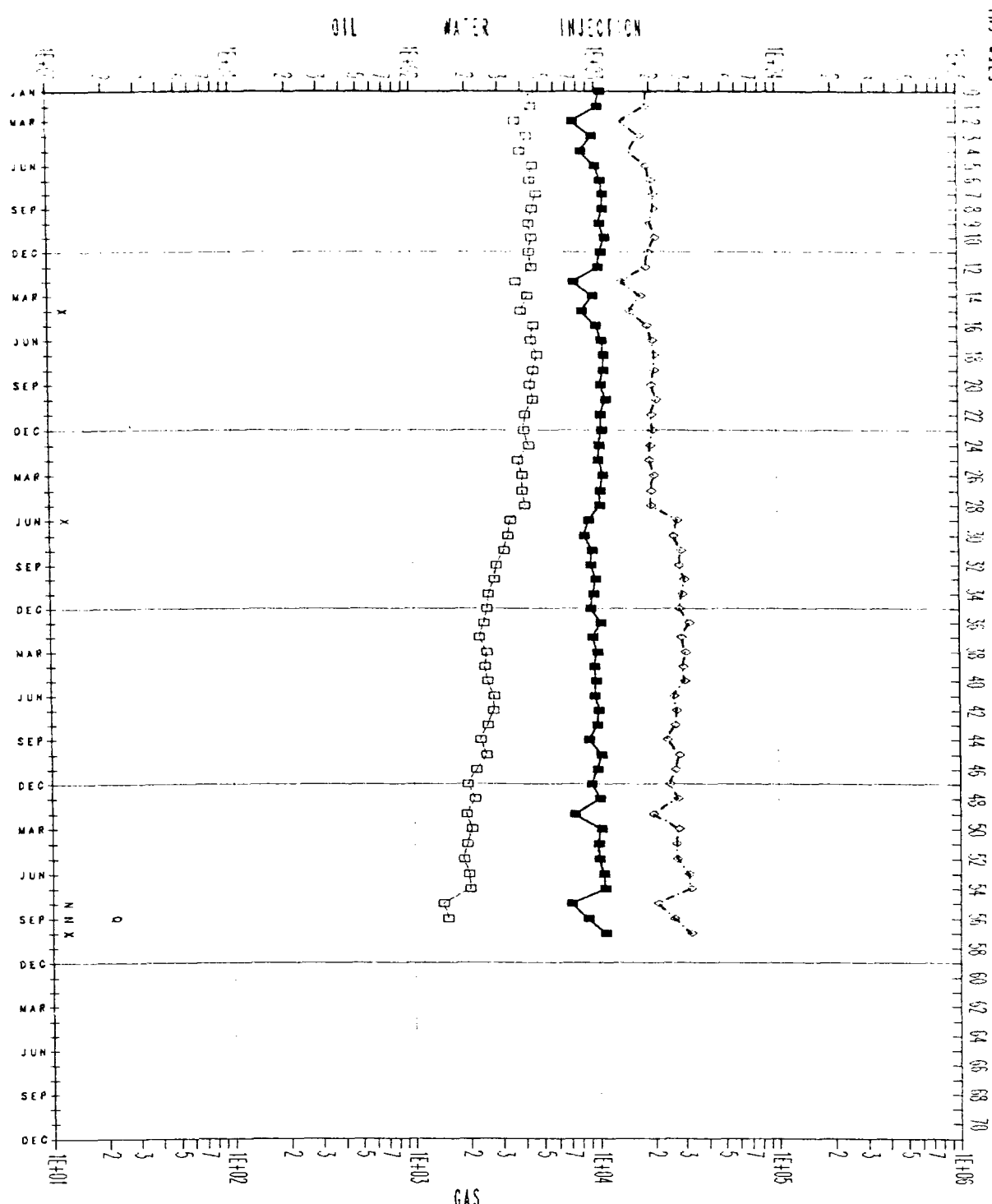
34 ON 6/23/89

OIL

PROD - W0100

CUMULATIVE VOLS.
OIL WELS
GAS WELS
WTR WELS
INJ WELS

797.6
3678.2
331.7
809.8
3733.0
373.7
833.4
3802.7
407.5
843.9
3821.5
437.1



NOTE: 1E+02 = 100
1E+03 = 1000
1E+04 = 10000
OIL BBL/MO
GAS MCF/MO
WTR BBL/MO

PILOT DATE: 11/17/89
PILOT NO.: 1054

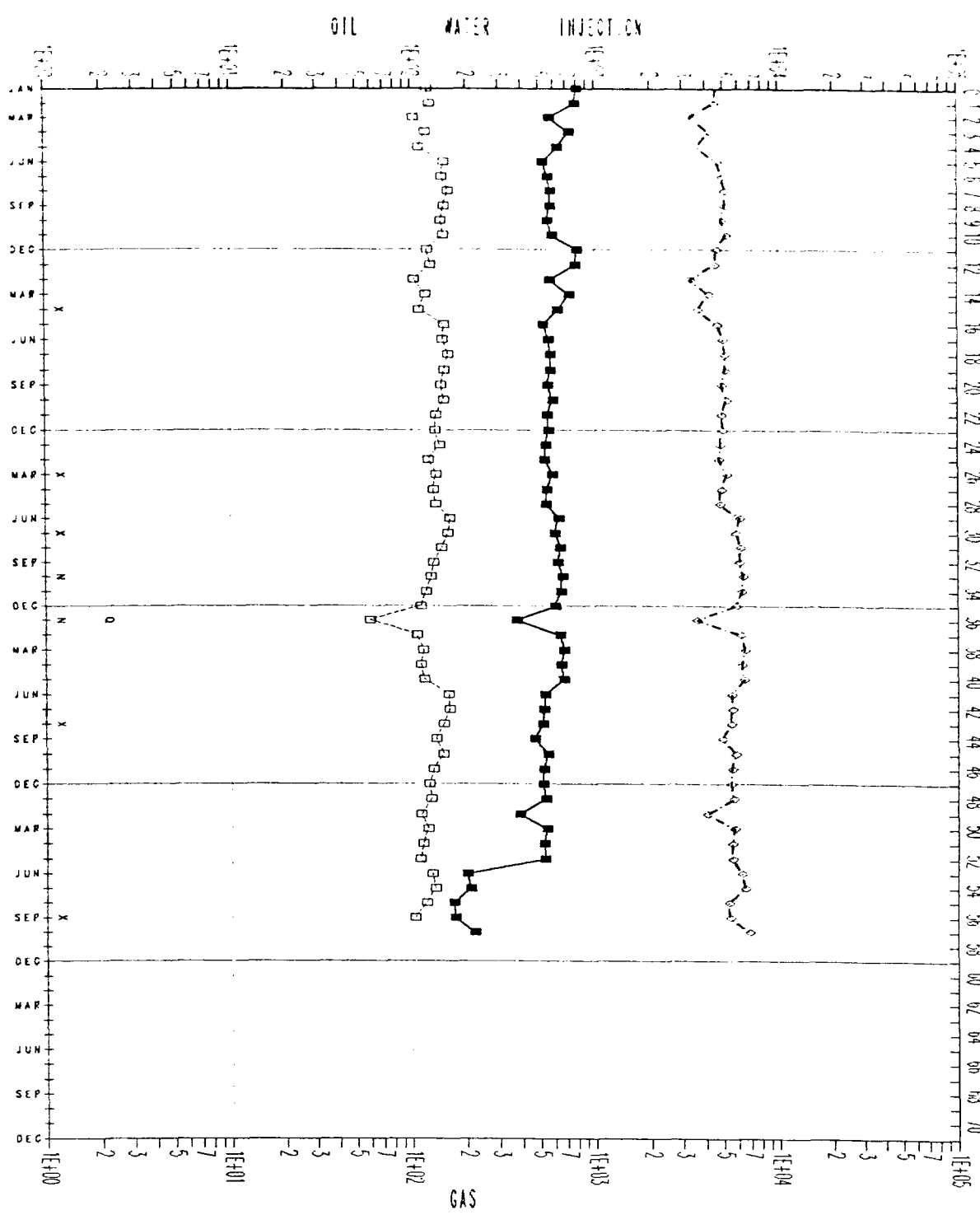
REGION: SOUTHWEST REGION REG
FIELD: WARDWELL FIELD
POOL: ((G-SA))
LEASE: 02009 STATE 5
WELL: 1
STATE CODE: 30 NEW MEXICO
RAB CODE: 623

STATUS: 34 ON 10/22/89

OIL
PUMP - MOTOR

WORK OVER CODES:
X - CHEMICAL SOLVENT
T - PARAFFIN INHIBITOR
R - WELL HEAD
P - SCALE INHIBITOR
N - RODS 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 - PERFORATE
1 - SOLVENT
U - ABANDONED
S - CORROSION INHIBITOR
Q - TUBING
O - SEAL
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 - PUG BACK

CHURN-AT VES-	
OIL BBL/MO	859.9
GAS MCF/MO	2333.7
WTR BBL/MO	1035.4
OIL BBL/MO	797.4
GAS MCF/MO	2333.3
WTR BBL/MO	1085.8
OIL BBL/MO	714.8
GAS MCF/MO	2358.8
WTR BBL/MO	1148.8
OIL BBL/MO	723.3
GAS MCF/MO	2358.5
WTR BBL/MO	1214.3
OIL BBL/MO	723.4
GAS MCF/MO	2359.7
WTR BBL/MO	1278.5



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

1985 1986 1987 1988 1989 1990

—■— OIL BBL/MO —○— GAS MCF/MO —△— WTR BBL/MO

PLOT DATE: 11/17/89
PLOT NO.: 1063

REGION: SOUTHWEST REGION PRO
FIELD: NORMANT FIELD
POOL: //6-SA//
LEASE: 02208 STATE 5
WELL: 2
STATE CODE: 30 NEW MEXICO
ROD CODE: 623

STATUS:
34 ON 9/21/89

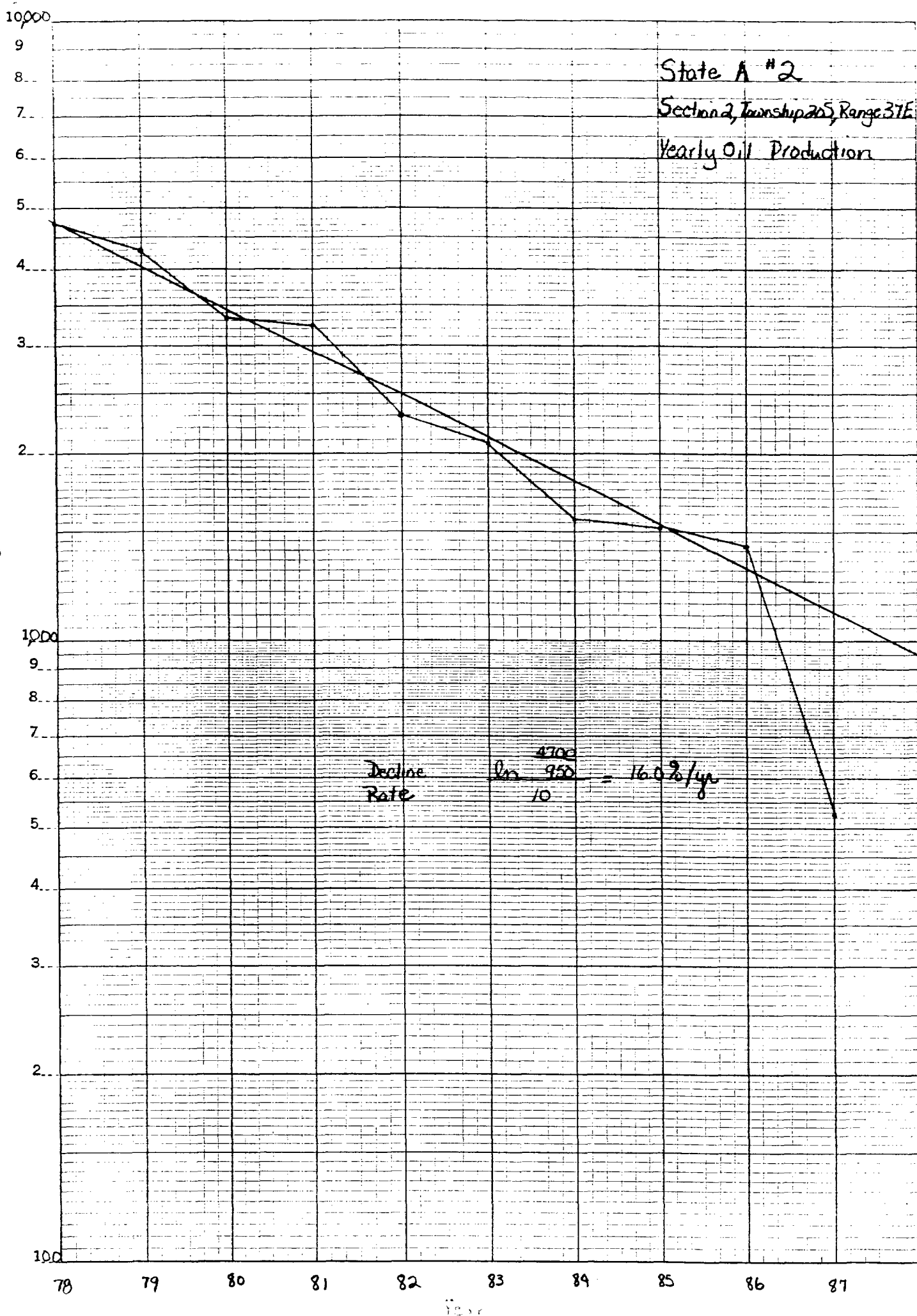
OIL
PUMP - MOTOR

- WORK OVER CODES:
- X - CHEMICAL SOLVENT
 - I - PARAFFIN INHIBITOR
 - R - WELL HEAD
 - P - SCALE INHIBITOR
 - N - RODS 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 - PERFORATE
 - 1 - SQUEEZE
- U - ABANDONED
S - CORROSION INHIBITOR
Q - TUBING
D - SNAKE
W - SUBMERGIBLE EQUIP.
K - PACKER
I - HYDRAULIC EQUIPMENT
G - GAS LIFT VALVES
E - CUT PARAFFIN
C - CASING
A - CONVERT TO WT
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

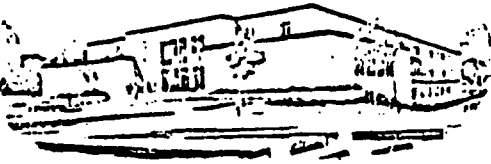


State of New Mexico

HOBBS OFFICE O.C.C.

MAY 16 2 01 PM '68

90 MAR 29 AM 9 51



Commissioner of Public Lands

GUYTON B. HAYS
COMMISSIONER



P. O. BOX 1148
SANTA FE, NEW MEXICO

April 25, 1968

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

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

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, Director,
Oil and Gas Department

ESJW/RDG/TB/kcl
Enclosure

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

C O P Y for Mr. G. P. Kellogg

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

JEL *AMERADA*

W. L. Smith
April 7, 1942

*Ans. 1/11/42
One copy 4/10/42 AB*
Mr. H. B. 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,

METRODA PETROLEUM CORPORATION

By *J. L. Powell*
Land Department

JL:2
cc - Mr. John Kelly, State Geologist
Oil Conservation Commission
Santa Fe, New Mexico
Encl.

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

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

NEW MEXICO
OIL CONSERVATION COMMISSION

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

April 30, 1942.

Oil Conservation Commission
Santa Fe, New Mexico.

Gentlemen:

Under date of March 16, 1942, the Colorado 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, 1938, 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 royalty is 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.