



PETROLEUM PRODUCTS

TEXACO
U.S.A.
A DIVISION OF TEXACO INC.
P. O. BOX 728
HOBBS, NEW MEXICO 88240
(505) 393-7191

August 14, 1984

DOWNHOLE COMMINGLING
NEW MEXICO STATE "BZ" STATE NCT-10
WELL NO. 3
UNIT L, SECTION 1, T-25-S, R-37-3
JUSTIS BLINEBRY AND JUSTIS TUBB
DRINKARD FIELDS
LEA COUNTY, NEW MEXICO

State of New Mexico
Department of Energy and Minerals
Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Michael E. Stogner
Petroleum Engineer

Gentlemen:

Texaco Inc. respectfully requests Administrative approval to commingle production from the Justis Blinebry and Justis Tubb Drinkard pools in the wellbore of the New Mexico "BZ" State NCT-10 No. 3 in accordance with NMOCD Rule 303-C. The Justis Blinebry and Justis Tubb Drinkard have previously been approved for downhole commingling in Texaco's New Mexico "BZ" State NCT-10 No. 4.

This will meet all prerequisites for downhole commingling, as described in NMOCD Rule 303-C,1 (a-h). The ownership of these zones is common, including working interest, royalty, and overriding royalty. These zones have been surface commingled on this lease and no incompatibility of the fluids has been found.

Allocation of these oil zones will be as follows:

42% to Justis Blinebry
58% to Justis Tubb Drinkard

State of New Mexico
Dept. of Energy & Minerals

- 2 -

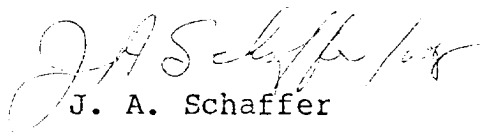
August 14, 1984

New pay will be opened in the Tubb Drinkard zone in conjunction with the proposed downhole commingling. Therefore, a segregated test will be performed on this pay and the zone allocations will be adjusted, if needed.

All Offset Operators (list attached) have been notified of this application by copy of this letter.

Yours very truly,

TEXACO INC.
PRODUCING DEPARTMENT-UNITED STATES


J. A. Schaffer

KLJ:JEB

Attachments

Copy to: Department of Energy & Minerals
Oil Conservation Division
Post Office Box 1980
Hobbs, New Mexico 88240

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AUG 17 1984
OAC
HOBBS OFFICE

OFFSET OPERATORS

NEW MEXICO "BZ" STATE NCT-10 NO. 3

Arco Oil & Gas Company
P. O. Box 1610
Midland, Texas 79702

Conoco, Inc.
Five Greenway Plaza
Houston, Texas 77001

Getty Oil Company
P. O. Box 730
Hobbs, New Mexico 88240

Gulf Oil Corporation
P. O. Box 670
Hobbs, New Mexico 88240

Elwyn C. Hale
P. O. Box 763
Hobbs, New Mexico 88240

Mobil Producing Texas & New Mexico, Inc.
901 East Bender
Hobbs, New Mexico 88240

Tahoe Oil & Cattle Company
4402 W. Industrial
Midland, Texas 79703

Union Texas Petroleum Corporation
P. O. Box 2120, One Riverway
Houston, Texas 77252-2120

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO INC.

Address: P. O. Box 728, Hobbs, New Mexico

Lease and Well No.: New Mexico "BZ" State NCT-10 No. 3

Location: Unit L, 1980' FSL and 989' FWL of Section 2, T-25-S, R-37-E,
Lea County, New Mexico.

WELL DATA

	<u>Upper Pool</u>	<u>Middle Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Justis Blinebry</u>		<u>Justis Tubb Drinkard</u>
Producing Method	<u>Pump</u>		<u>Pump</u>
BHP	<u>450</u>		<u>700</u>
Type Crude	<u>Sour</u>		<u>Sour</u>
Gravity	<u>37.2</u>		<u>39.4</u>
GOR Limit	<u>6000</u>	<u>-</u>	<u>6000</u>
Completion Interval	<u>5192' - 5691'</u>	<u>-</u>	<u>5883' - 6187'</u>
Current Test Data	<u>7-1-84 (Pump)</u>		<u>TR-O (8-71)</u>
Oil	<u>8</u>		<u>3</u>
Water	<u>0</u>		<u>2</u>
GOR	<u>6000</u>		<u>900</u>
Selling Price of Crude - \$/BBL.	<u>28.58</u>		<u>-</u>
Daily Income - \$/Day	<u>228.64</u>		<u>0</u>

COMMINGLED DATA:

Gravity of Commingled Crude 37.2

Selling Price of Commingled Crude - \$/BBL. 28.58

Daily Income - \$/Day 657.34

Net (Gain) (~~Loss~~) from Wellbore Commingling - \$/Day 428.70
based on current producing rates.

J. AREL SERVICES, INC.

POST OFFICE BOX 1654

PHONES 505 393-5396 — 393-8274

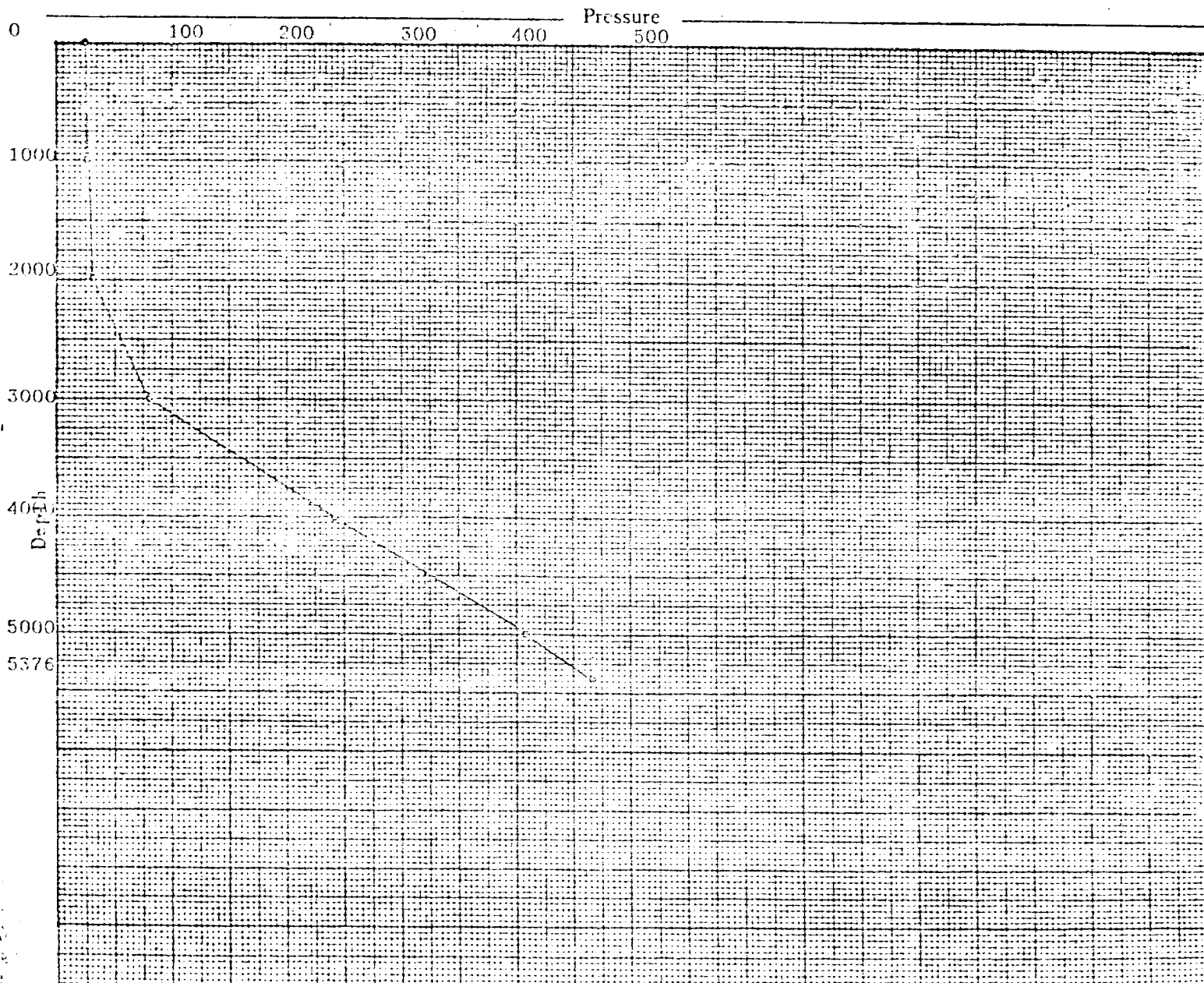
HOBBS, NEW MEXICO 88240

OPERATOR Texaco Inc.
 FIELD Justis
 FORMATION Blinebry
 LEASE G.L. Erwin A Federal WELL #1
 COUNTY Lea STATE New Mexico
 DATE 11/18/80 TIME 4:15 PM
 Status Swabbed & Flowing
 Test Depth 5376
 Time S. I. - Last test date -
 Tub Pres. 25 BHP last test -
 Cas. Pres. - BHP change -
 Elev. 3184' DF-11 Fluid top Flowing
 Datum 106' F Water top JSI #12
 Temp. @ A20274N Run by 1
 Cal. No. - Chart No. -

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	25	-
1000	27	.002
2000	31	.004
3000	81	.050
4000	242	.161
5000	408	.166
5376 (-2192)	467 **	.157

** MIDPOINT OF CASING PERFORATIONS



JAREL SERVICES, INC.

POST OFFICE BOX 1654

PHONES 505 393-5395 — 393-8274

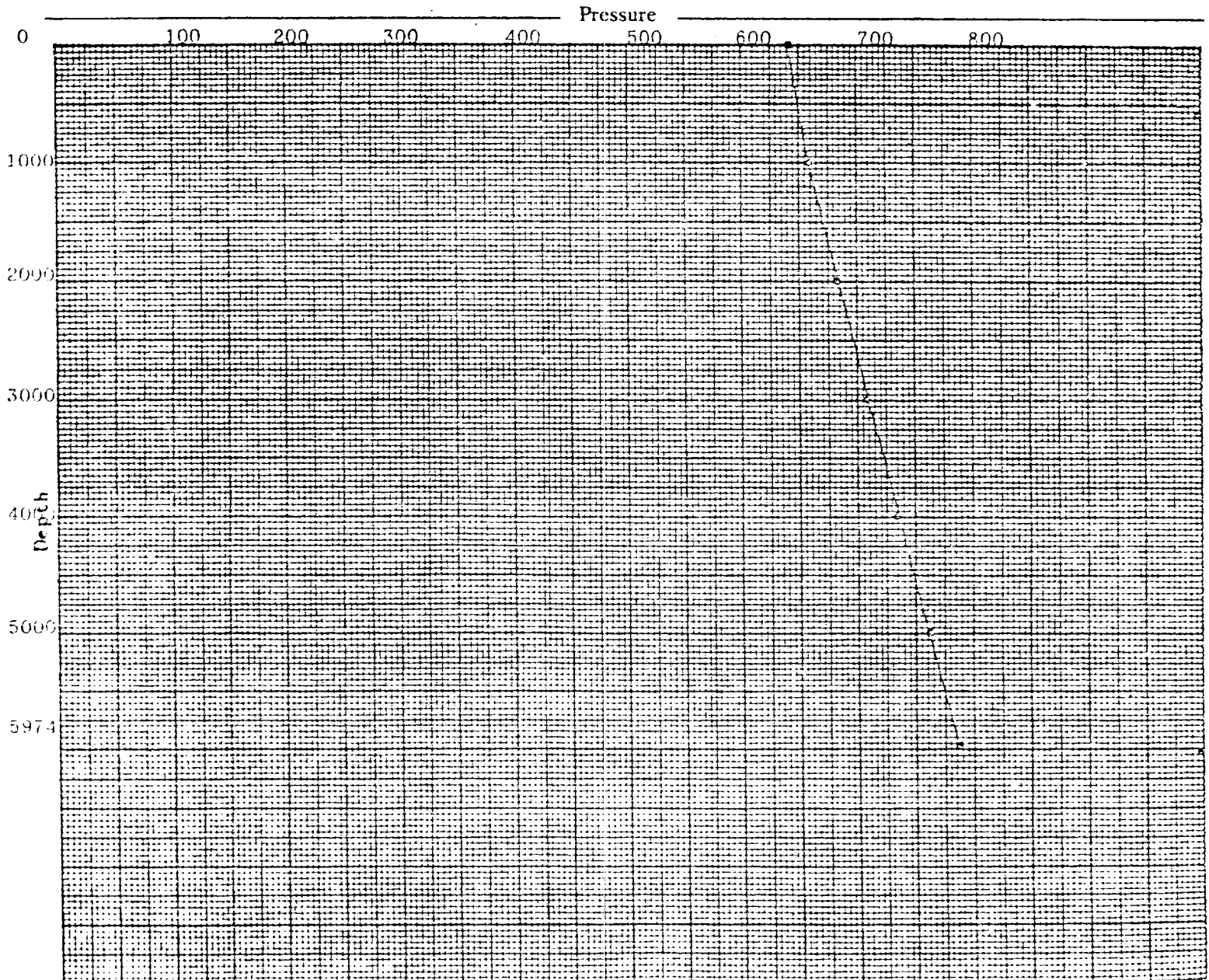
HOBBS, NEW MEXICO 86240

OPERATOR Texaco, Inc.
 FIELD Justis
 FORMATION Drinkard
 LEASE CC Friso B NCT-2 WELL #6
 COUNTY Lea STATE New Mexico
 DATE 10/3/80 TIME 9:00 AM
 Status Shut in
 Test Depth 5974'
 Time S. I. 9 days Last test date -
 Tub Pres. 641 BHP last test -
 Cas. Pres. Triple BHP change -
 Elev. 3178' DF Fluid top None
 Datum (-2796) ** Water top None
 Temp. @ 106° F Run by JSI #10
 Cal. No. A33196N Chart No. 1

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	641	-
1000	658	.017
2000	683	.025
3000	709	.026
4000	735	.026
5000	762	.027
5974 (-2796)	788 **	.027

** MIDPOINT OF CASING PERFORATIONS



Form C-116
Revised 10-1-78

Lees

☒ Special

CU.FT/EA	RATIO

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

(Duiser)

Form C-116

Test

50412

5000

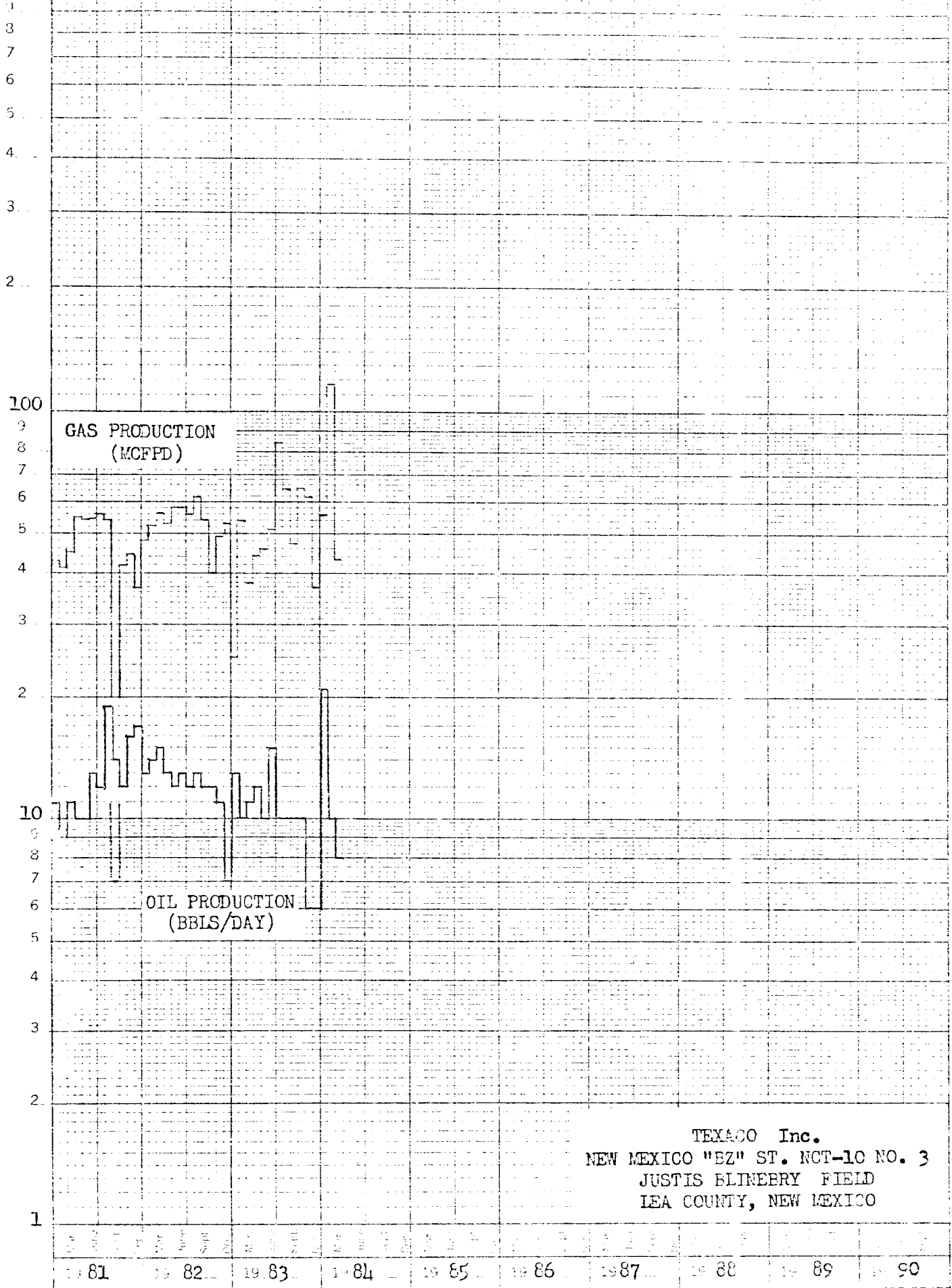
RATIO
CU.FT/BB

6000

Mail: original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

(15)

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RECEIVED

AUG 17 1984

G. C. H.
HOBBS OFFICE

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*GAS LESS THAN 2 MCFPD
LAST THREE YEARS PRODUCTION

OIL PRODUCTION
(BBL/DAY)

TA 9-19-71

TEXACO Inc.
NEW MEXICO "BZ" ST. NCT-10 NO. 3
JUSTIS TUBB-DRINKARD FIELD
LEA COUNTY, NEW MEXICO

1968 1969 1970 1971 1972 1973 1974 1975 1976 1977