



PETROLEUM PRODUCTS

April 23, 1973

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

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

DHC-128
due May 20

Re: Wellbore Commingling
New Mexico 'BZ' State (NCT-10) Well No. 4
Justis Blinebry (Oil) and Justis Tubb
Drinkard (Oil) Pools
Lea County, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

TEXACO Inc. respectfully requests administrative approval under the provisions of Order No. R-3845 to commingle in the wellbore production from the Justis Blinebry and Justis Tubb Drinkard Pools which are dually completed as permitted by Administrative Order No. MC-1384 dated September 24, 1963, in Well No. 4 on the New Mexico 'BZ' State (NCT-10) Lease, located in Unit M of Section 2, Township 25-South, Range 37-East, Lea County, New Mexico.

The subject well, for which wellbore commingling approval is requested, qualifies under the provisions of Statewide Rule 303C; which provides for administrative application and approval of wellbore commingling. Both zones are classified as oil zones and produce oil and gas at rates below those specified in the subject order. Both zones are produced by artificial lift, therefore, the commingled production will be produced in the same manner. Both zones produce water in smaller amounts than the specified limits. The fluids from these reservoirs have been commingled in common storage on the surface for several years and are known to be compatible. There is no evidence of scale or precipitates forming due to commingling these zones. The total value of the commingled crudes will not be reduced as both zones are presently produced into common facilities. The working interest, royalty and overriding royalty on both zones are common. Future secondary recovery operations will not be jeopardized in either zone due to commingling.

To comply with the above mentioned order, a data sheet is attached with all the required information on both zones. Also attached are production curves for each zone which may be used to allocate production. Well tests are included as submitted on Form C-116. Copies are also being mailed to each of the offset operators shown on the attached list.

Yours very truly,

J. V. Gannon
J. V. Gannon

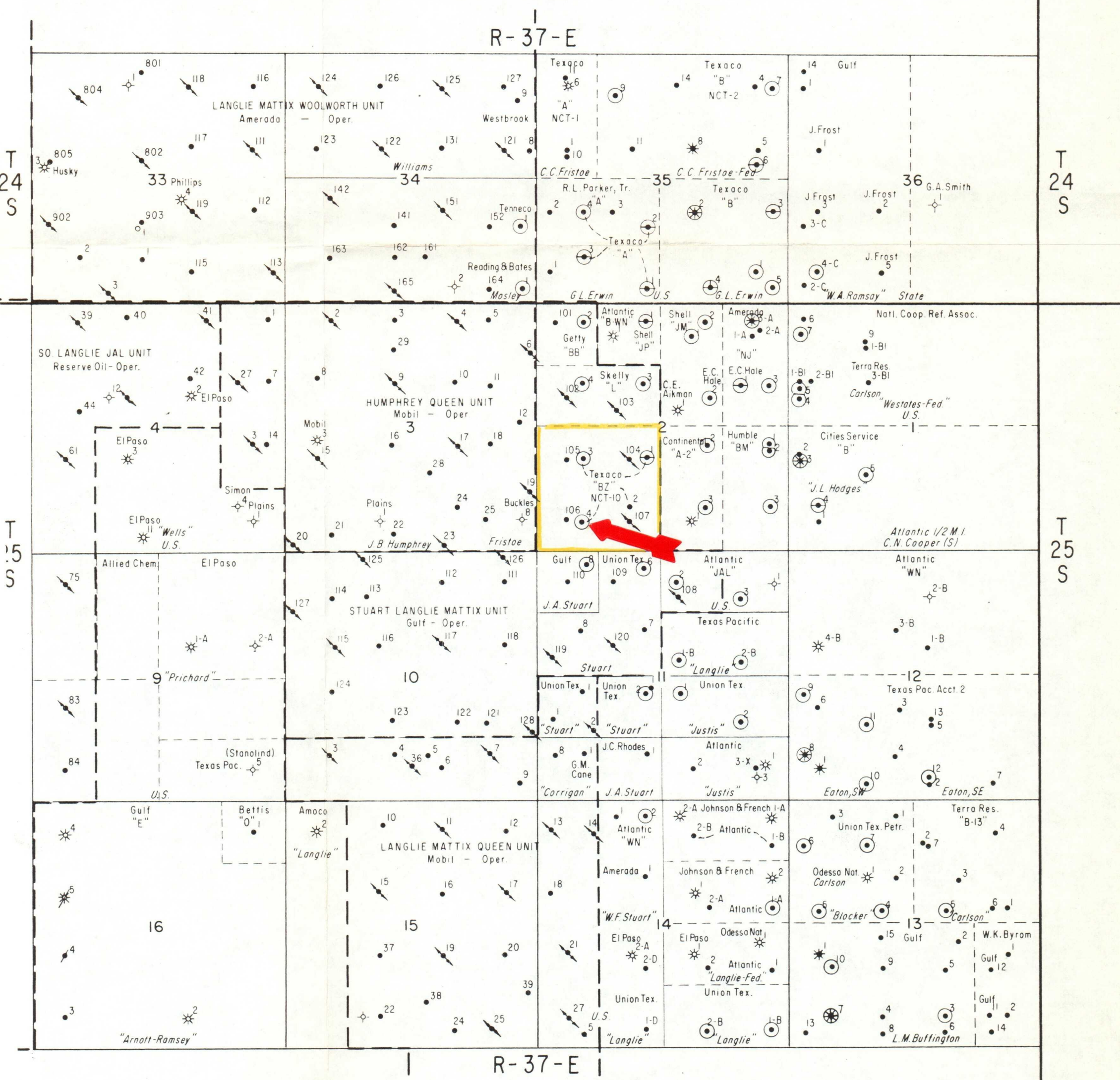
District Superintendent

EOT-dh

NMOCC-Hobbs

Offset Operators

R-37-E



PRODUCING ZONES - THIS AREA

- JALMAT YATES SEVEN RIVERS
- JUSTIS BLINEBRY
- JUSTIS DEVONIAN NORTH
- JUSTIS ELLENBURGER
- JUSTIS ELLENBURGER NORTH
- JUSTIS FUSSELMAN
- JUSTIS FUSSELMAN NORTH
- JUSTIS GLORIETA

- JUSTIS GLORIETA NORTH
- JUSTIS McKEE NORTH
- JUSTIS MONTOYA
- JUSTIS MONTOYA NORTH
- JUSTIS PADDOCK
- JUSTIS TUBB DRINKARD
- JUSTIS WADDELL
- LANGLIE MATTIX SEVEN RIVERS

TEXACO Inc.
 TEXACO "BZ" NCT-10 LEASE
 LEA COUNTY, NEW MEXICO
 Scale: 1" = 2,000'
 KLP/FMR 2-22-73

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO Inc.

Address: Box 728, Hobbs, New Mexico 88240

Lease and Well No.: State of New Mexico "BZ" NCT-10 Well No. 4

Location: Unit M; 660 Feet from the South Line and 989 Feet from West Line of Section 2; Township 25-S, Range 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>Pumping</u>		<u>Pumping</u>
BHP	<u>550 (Est.)</u>		<u>600 (Est.)</u>
Type Crude	<u>Sweet</u>		<u>Sweet</u>
Gravity	<u>38.2</u>		<u>38.8</u>
GOR Limit	<u>6,000</u>		<u>6,000</u>
Completion Interval	<u>5273-5475</u>		<u>6002-6083</u>
Current Test Date	<u>4-10-73</u>		<u>4-11-73</u>
Oil	<u>10</u>		<u>3</u>
Water	<u>5</u>		<u>3</u>
GOR	<u>3,500</u>		<u>5,667</u>
Selling Price of Crude - \$/BBL.	<u>\$3.52</u>		<u>\$3.52</u>
Daily Income - \$/Day	<u>\$35.20</u>		<u>\$10.56</u>

COMMINGLED DATA:

Gravity of Commingled Crude 38.3

Selling Price of Commingled Crude - \$/BBL. \$3.52

Daily Income - \$/Day \$45.76

Net (Gain) (Loss) from Wellbore Commingling - \$/Day None Crudes are now Com-
based on current producing rates. mingled on surface.

2-7/8" csg. cemented with 850
sacks. Top of cement at 1840'.

BLINEBRY

TUBB - DRINKARD

11-3/4" csg. set at 255'. Cmt.
with 350 sacks. Cmt. circulated.

8-5/8" csg. set at 3500'. Cmt.
with 850 sacks. Top of cmt. at
200'.

Rods and Pump

2-7/8" csg. set at 6238'.

2-7/8" csg. set at 6240'.

BLINEBRY

PERF:

5273' to 5475'

Bridge Plug at 5500'.

Bridge Plug at 5620'.

Rods and Pump

TUBB - DRINKARD

PERF:

6002' to 6083'

Bridge Plug at 6093'.

Total Depth 6240'.

PRESENT COMPLETION

TEXACO INC.

NEW MEXICO "BZ" ST. (NCT-10) WELL NO. 4
JUSTIS BLINEBRY AND JUSTIS TUBB DRINKARD POOLS
LEA COUNTY, NEW MEXICO

2-7/8" csg. cemented with 850
sacks. Top of cement at 1840'.

BLINEBRY

TUBB - DRINKARD

11-3/4" csg. set at 255'. Cmt.
with 350 sacks. Cmt. circulated.

8-5/8" csg. set at 3500'. Cmt.
with 850 sacks. Top of cmt. at
200'.

Rods and Pump

2-7/8" csg. set at 6238'.

2-7/8" csg. set at 6240'.

BLINEBRY
PERF:
5270' to 5475'

Seating Nipple at 5250'/35' of
Tail Pipe.

Bridge Plug at 5500'.

Bridge Plug at 5620'.

TUBB - DRINKARD
PERF:
6002' to 6083'

Bridge Plug at 6093'.

Total Depth 6240'.

PROPOSED COMPLETION
TEXACO INC.
NEW MEXICO "BZ" ST. (NCT-10) WELL NO. 4
JUSTIS BLINEBRY AND JUSTIS TUBB DRINKARD POOLS
LEA COUNTY, NEW MEXICO

**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-115
Revised 1-1-65

Operator TEXACO Inc.		Pool Justis Blinebry		County Lea	
Address P.O. Box 728 - Hobbs, New Mexico 88240				TYPE OF TEST - (X)	Scheduled <input type="checkbox"/>
LEASE NAME New Mexico 'BZ' State NCT-10		WELL NO. 4	LOCATION U S T R M 2 25S 37E	DATE OF TEST 4-10-73	CHOKE SIZE -
					TBG. PRESS. -
					DAILY ALLOW-ABLE 19
					LENGTH OF TEST HOURS 24
					PROD. DURING TEST WATER BBLs. GRAV. OIL BBLs. GAS M.C.F.
					5 38.2 10 35
					GAS - OIL RATIO CU.FT./BBL 3,500

No well will be assigned an allowable greater than the amount of oil produced on the official test.


During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

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

I hereby certify that the above information is true and complete to the best of my knowledge and belief.


(Signature)
Assistant District Superintendent
(Title)
April 19, 1973
(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-115
Revised 1-1-65

Operator TEXACO Inc.		Pool Justis Tubb - Drinkard		County Lea	
Address P.O. Box 728, Hobbs, New Mexico		88240		TYPE OF TEST - (X) <input checked="" type="checkbox"/> TEST - (X)	
LEASE NAME New Mexico "BZ" State NCT-10		WELL NO. 4		LOCATION U S T R M 2 25S 37E	
		DATE OF TEST 4-11-73		CHOKE SIZE --	
		TBG. PRESS. --		DAILY ALLOW-ABLE 3	
		LENGTH OF TEST HOURS 24		PROD. DURING TEST WATER BBL.S. GRAV. OIL BBL.S. GAS M.C.F. 3 388 3 17	
				GAS - OIL RATIO CU.FT./BBL. 5,667	

No well will be assigned an allowable greater than the amount of oil produced on the official test.
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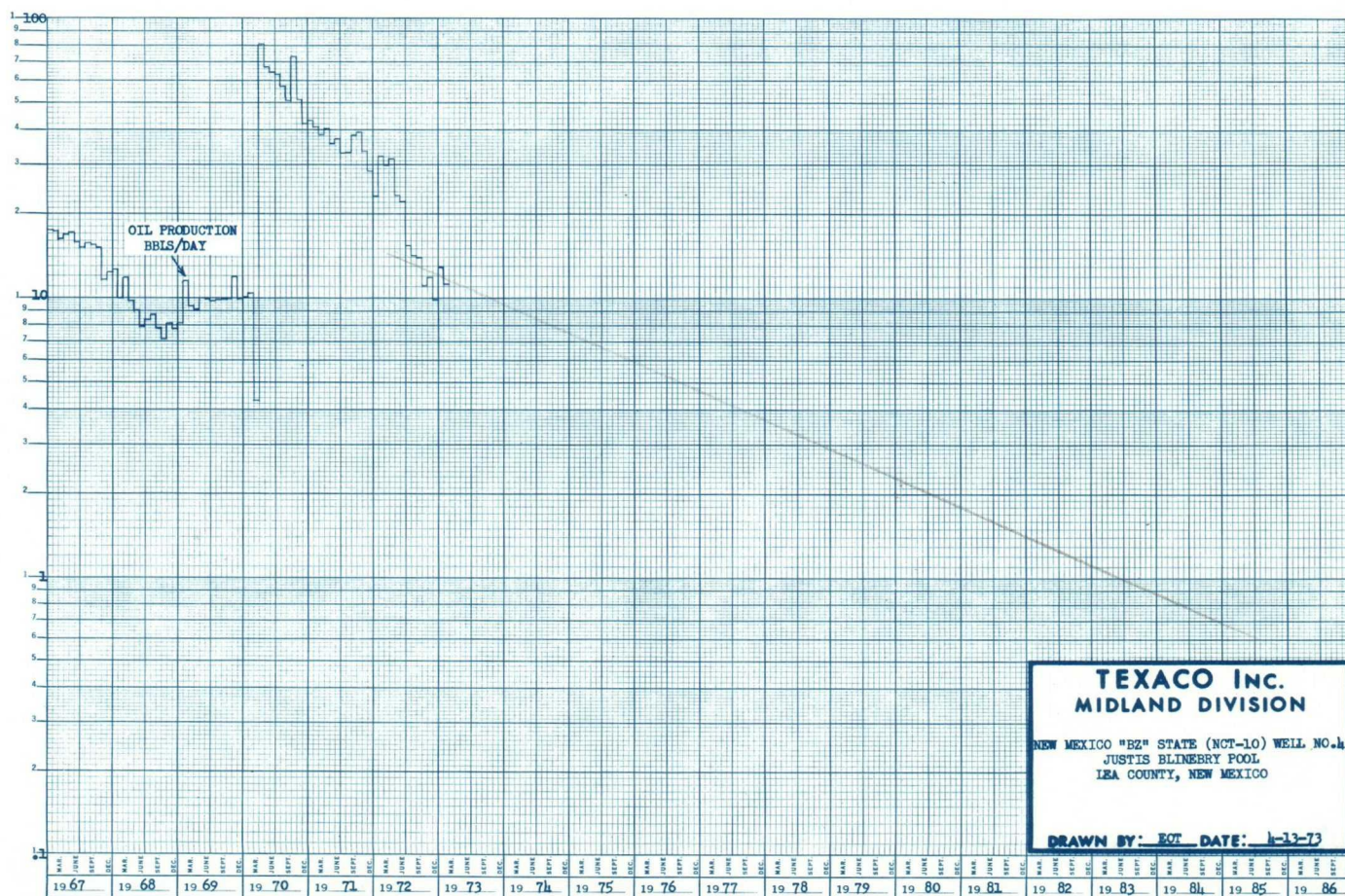
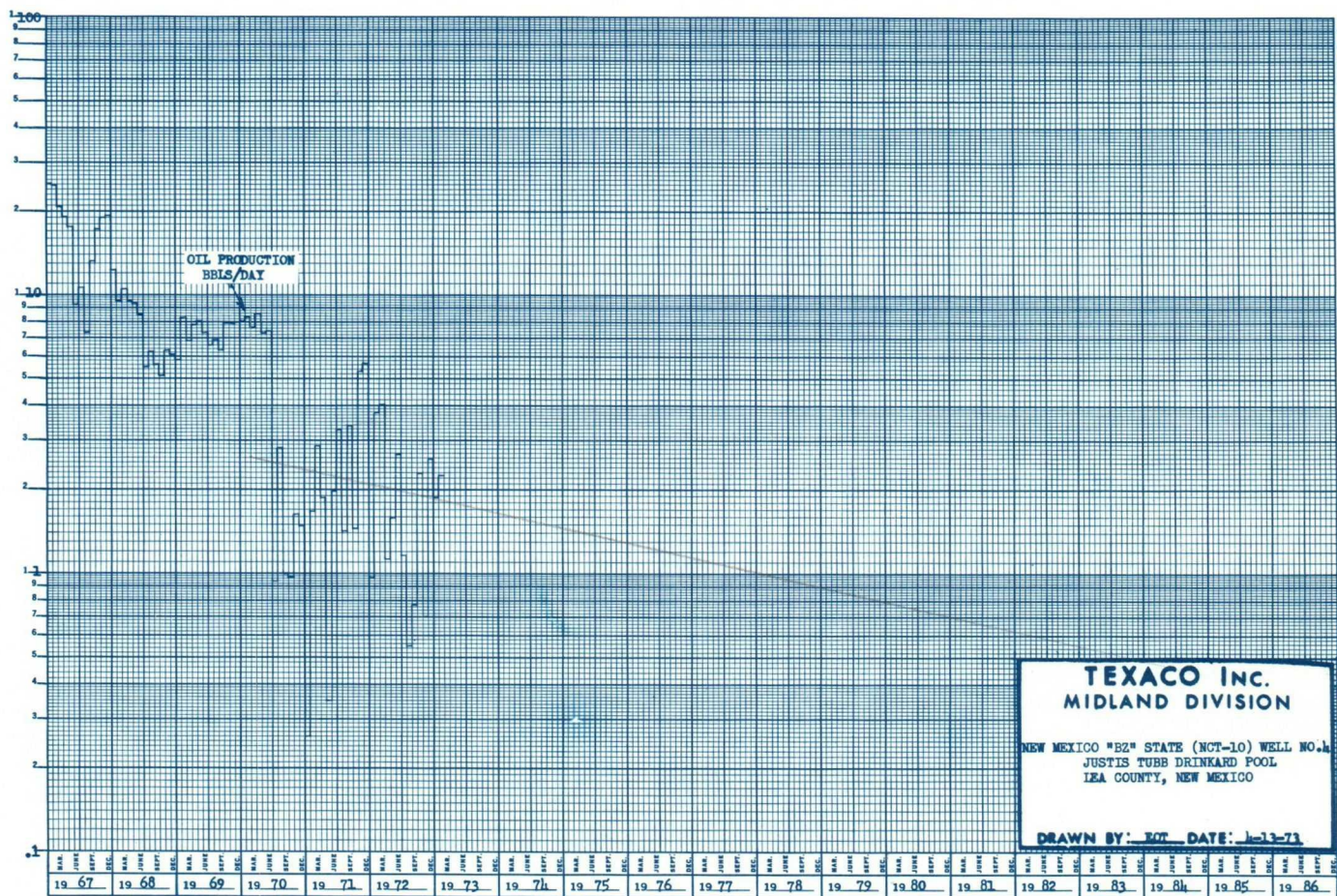
I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)
Asst. District Superintendent

April 19, 1973
(Date)

23.8

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LIST OF OFFSET OPERATORS

TEXACO Inc.
New Mexico 'BZ' State NCT-10 Well No. 4
Lea County, New Mexico

Conoco
P.O. Box 460
Hobbs, New Mexico 88240

Gulf Oil Corp. - Hobbs Area
P.O. Box 670
Hobbs, New Mexico 88240

Skelly Oil Co.
P.O. Box 114
Eunice, New Mexico 88231

Union Texas Petroleum
502 N. 3rd
Jal, New Mexico 88252