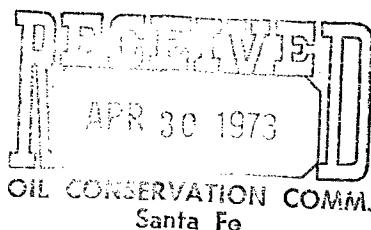




PETROLEUM PRODUCTS

April 23, 1973



DH C-131
New May 24
TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

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

Re: Wellbore Commingling
A. H. Blinebry Federal (NCT-4) No. 4
Blinebry (Oil) and Drinkard (Oil) Pools
Lea Co., 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 Blinebry and Drinkard Pools which are dually completed as permitted by Administrative Order No. MC-1503-A dated August 13, 1964, in well no. 4 on the A. H. Blinebry Federal (NCT-4) Lease, located in unit M of Section 31, Township 22-South, Range 38-East, Lea Co., 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. The Blinebry zone is flowing, while the Drinkard zone is produced by artificial lift. Therefore, the commingled production is to be produced by artificial lift as per requirements. The Blinebry zone produces no water and the Drinkard zone produces less water 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 crudes will not be reduced as both zones are produced into and sold through common lease storage. The working interest, royalty and overriding royalty on both zones are common. Future secondary recovery operations in either zone will not be jeopardized by commingling these zones.

To comply with the above mentioned order, a data sheet is attached with all the required data pertaining to the zones to be commingled. Also attached is a production curve of both zones in the subject well which may be used to allocate production. Well tests are included as submitted on Form C-116

N. M. Oil Conservation Commission (2)

April 23, 1973

As the lease on which the subject well is located is a Federal Lease, a copy of this application is being submitted to the U. S. Geological Survey. Copies are also being mailed to each of the offset operators shown on the attached list.

Yours very truly,



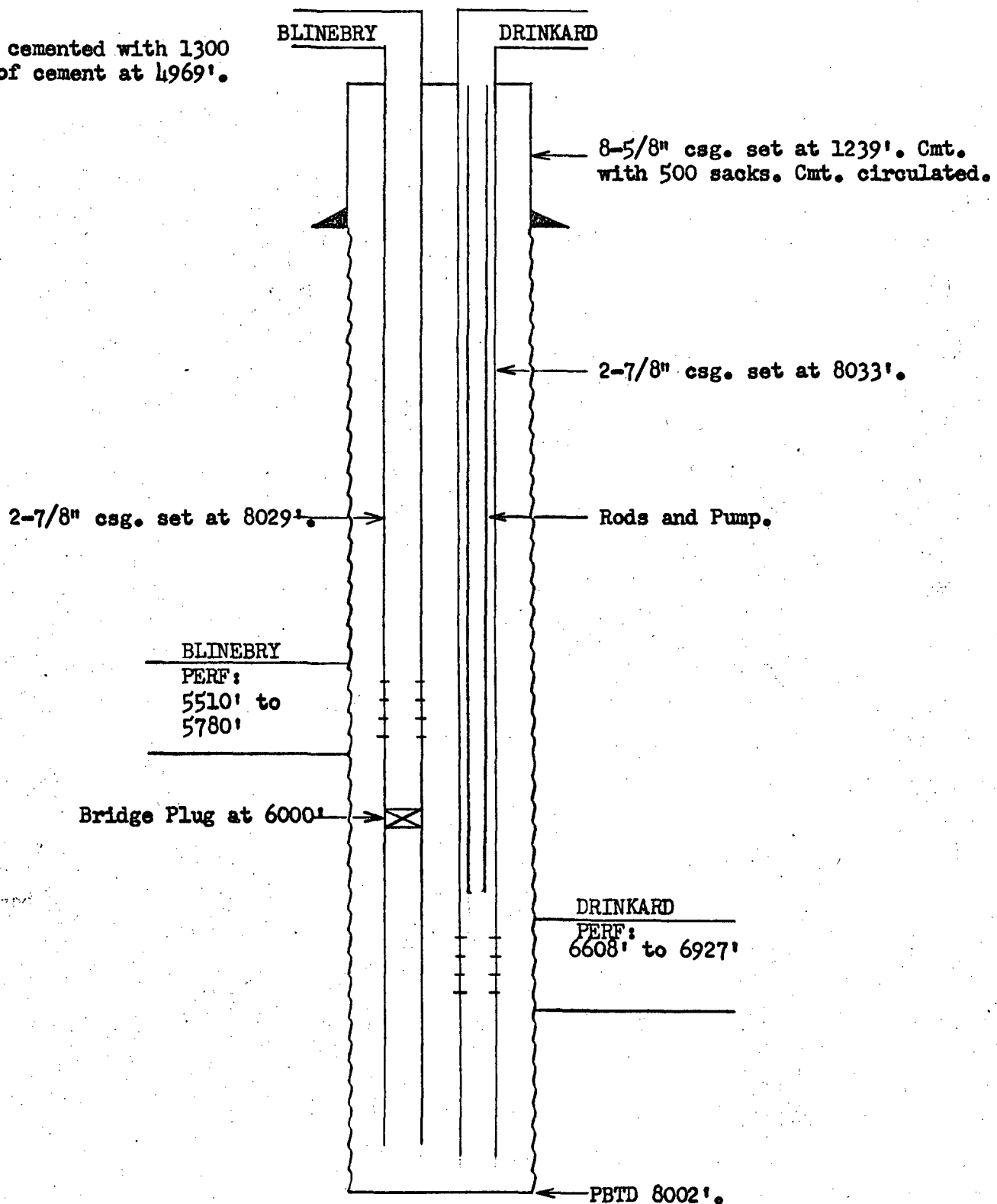
J. V. Gannon
District Superintendent

EOT/blh

USGS
NMOCC-Hobbs
Offset Operators

Attachments

2-7/8" csg. cemented with 1300
sacks. Top of cement at 4969'.



PRESENT COMPLETION
TEXACO INC.
A.H. BLINEBRY (NCT-4) WELL NO. 4
BLINEBRY AND DRINKARD POOLS
LEA COUNTY, NEW MEXICO

2-7/8" csg. cemented with 1300
sacks. Top of cement at 4969'.

BLINEBRY

DRINKARD

8-5/8" csg. set at 1239'. Cmt.
with 500 sacks. Cmt. circulated.

2-7/8" csg. set at 8033'.

2-7/8" csg. set at 8029'.

Rods and Pump.

BLINEBRY

PERF:
5510' to
5780'

Seating Nipple at 6590'/150' TP.

DRINKARD

PERF:
6608' to 6927'

PBTD 8002'.

PROPOSED COMPLETION
TEXACO INC.
A.H. BLINEBRY (NCT-4) WELL NO. 4
BLINEBRY AND DRINKARD POOLS
LEA COUNTY, NEW MEXICO

DATA SHEET FOR WELLBORE COMMINGLING

Operator: **TEXACO Inc.**

Address: **Box 728, Hobbs, New Mexico 88240**

Lease and Well No.: **A. H. Blinebry Federal NCT-4 Well No. 4**

Location: **Unit M; 990 Feet from the South Line and 990 Feet from West Line of Section 31; Township 22-S, Range 38-E; Lea County, New Mexico.**

WELL DATA

	<u>Upper Pool</u>	<u>Middle Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Blinebry</u>		<u>Drinkard</u>
Producing Method	<u>Flowing</u>		<u>Pumping</u>
BHP	<u>1137</u>		<u>600 (Est.)</u>
Type Crude	<u>Sweet</u>		<u>Sweet</u>
Gravity	<u>37.6</u>		<u>38.6</u>
GOR Limit	<u>6000</u>		<u>6000</u>
Completion Interval	<u>5510-5780</u>		<u>6608-6927</u>
Current Test Date	<u>4-10-73</u>		<u>4-12-73</u>
Oil	<u>3</u>		<u>6</u>
Water	<u>0</u>		<u>1</u>
GOR	<u>6,000</u>		<u>5,000</u>
Selling Price of Crude - \$/BBL.	<u>\$3.56</u>		<u>\$3.56</u>
Daily Income - \$/Day	<u>10.68</u>		<u>21.36</u>

COMMINGLED DATA:

Gravity of Commingled Crude 38.3

Selling Price of Commingled Crude - \$/BBL. \$3.56

Daily Income - \$/Day \$32.04

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

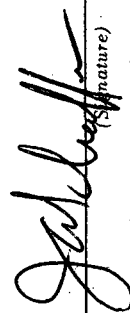
**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-1116
Revised 1-1-65

Operator TEXACO Inc.		Pool Blinebry		County Lea											
Address P. O. Box 728 - Hobbs, New Mexico 88240		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.		
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.	GAS M.C.F.
A. H. Blinebry Fed. NCT-4	4	M	31	22S	38E	4-10-73	F 18/64	-	3	24	0	37.6	3	18	6,000

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

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.


Asst. Dist. Superintendent
(Title)
April 19, 1973
(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator TEXACO Inc.		Pool Drinkard		County Lea											
Address P.O. Box 728 - Hobbs, New Mexico 88240		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Scheduled <input type="checkbox"/>		Special <input checked="" type="checkbox"/>									
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.		
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.	GAS M.C.F.
A. H. Blinebry Fed. NCT-4	4	M	31	22S	38E	4-12-73	P -	-	9	24	1	38.6	6	30	5,000

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

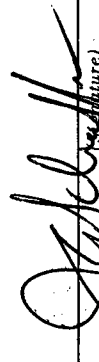
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Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

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.



Assistant District Superintendent

(Title)

April 19, 1973

(Date)



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3813

3713 W. MARLAND ST.

P. O. BOX 1829

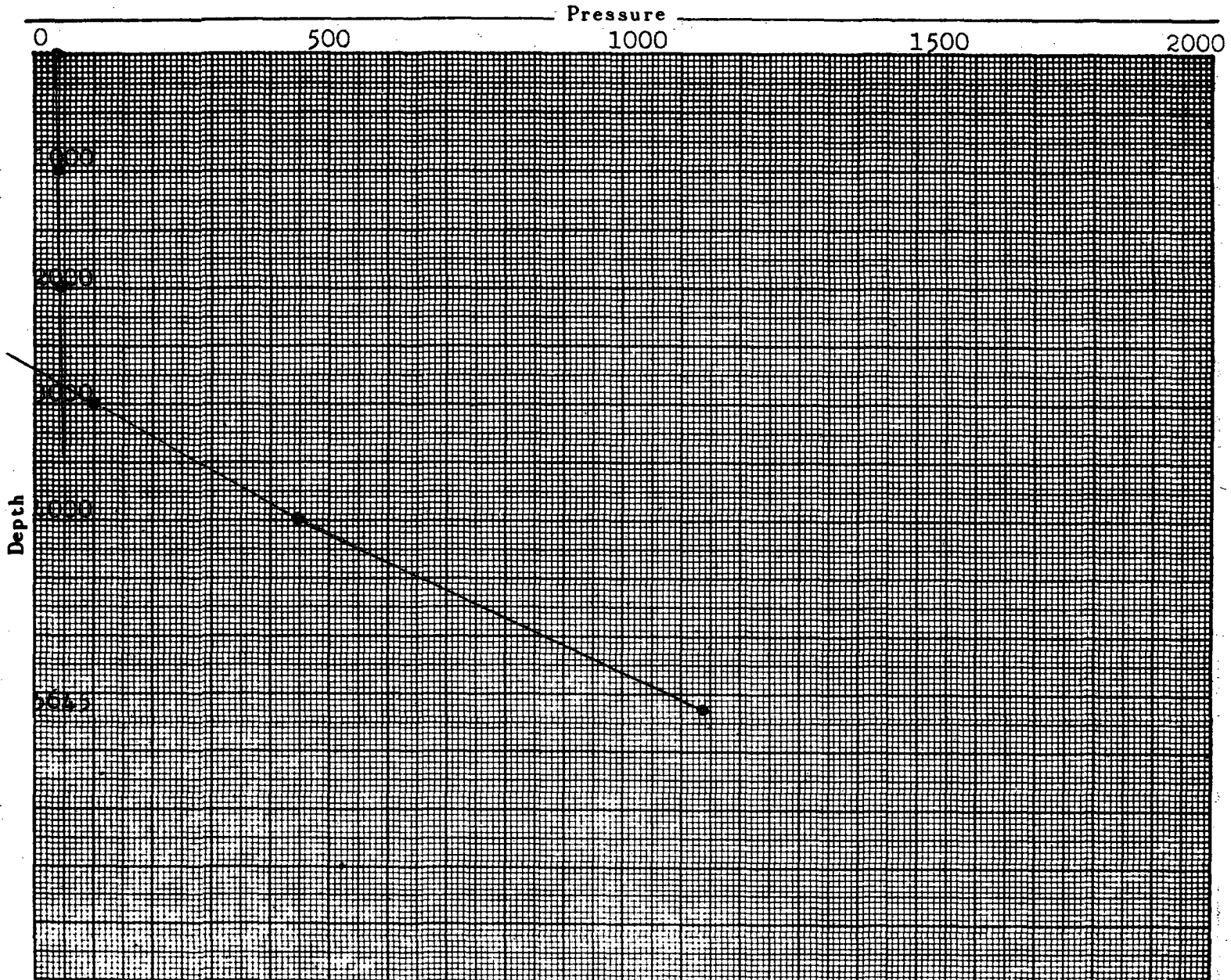
HOBBS, NEW MEXICO 88240

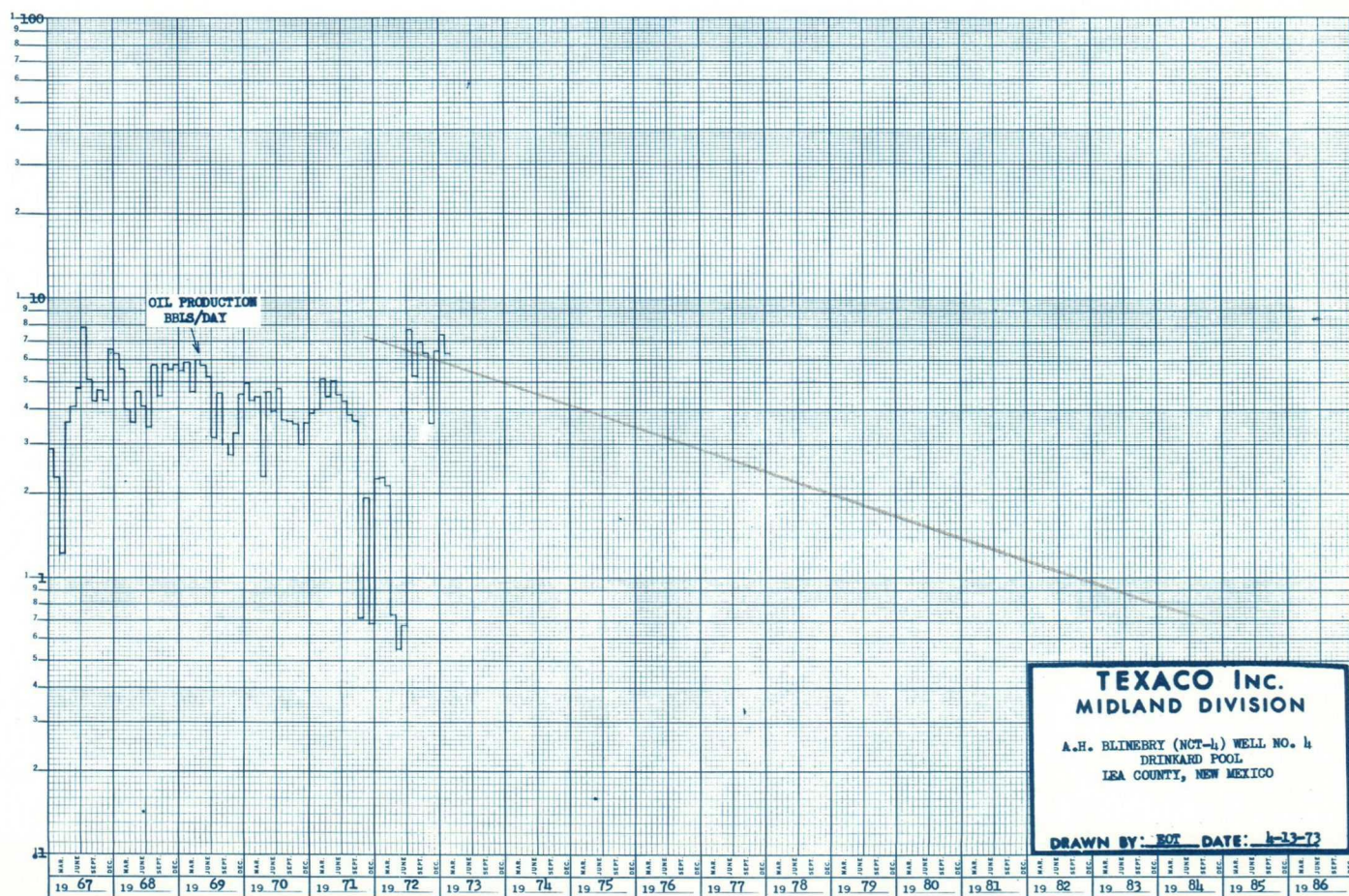
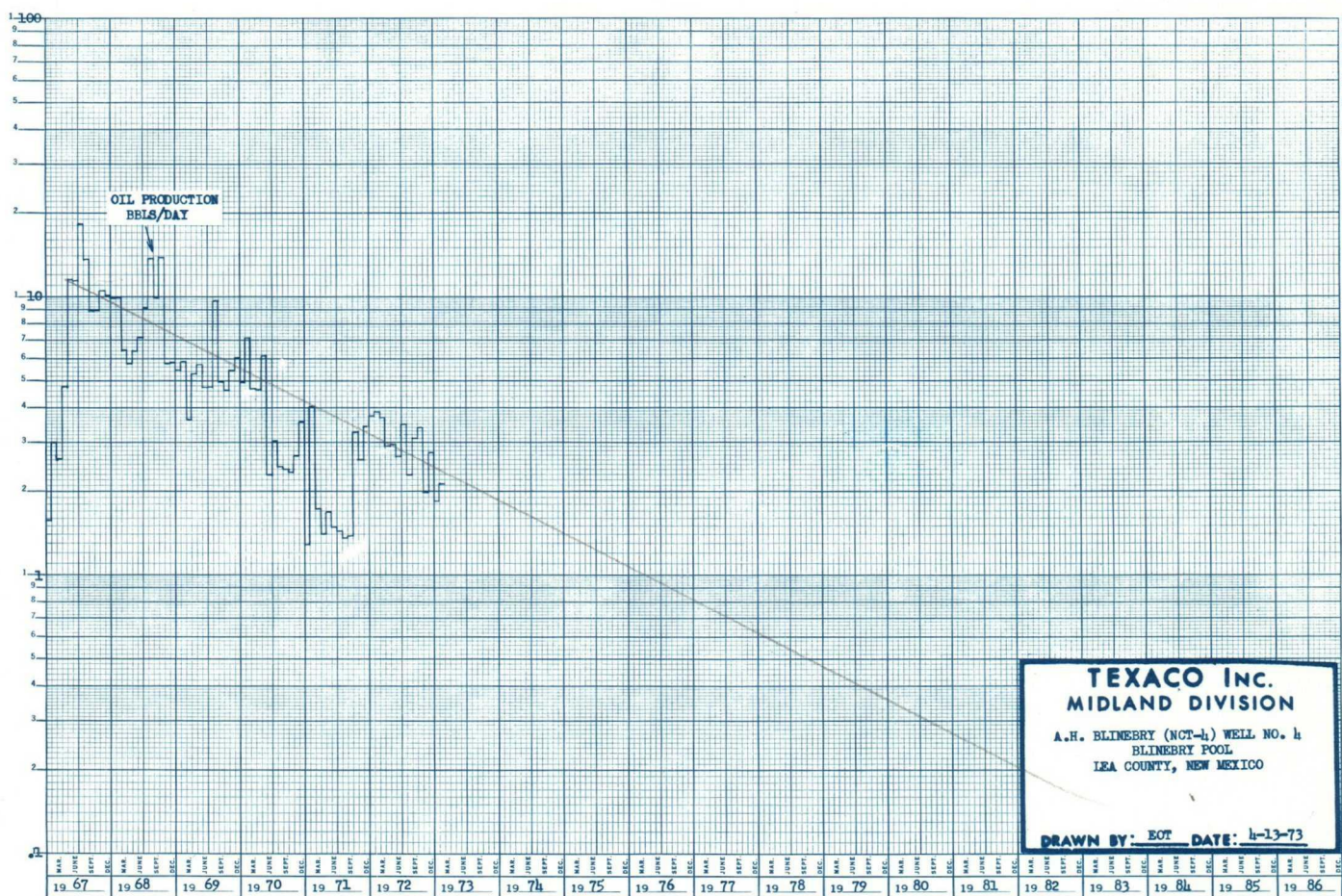
BOTTOM HOLE PRESSURE RECORD

OPERATOR Texaco, Inc.
FIELD Blinebry FORMATION Blinebry
LEASE A.H. Blinebry NCT-4 WELL No. 4
COUNTY Lea STATE New Mexico
DATE 4-18-73 TIME 12:30 Pm
Status Shut In Test depth 5645'
Time S. 148.0 Hrs Last test date -
Tub Pres. 36 BHP last test -
Cas. Pres. - BHP change -
Elev. 3325' KB Fluid top 2846'
Datum (-2320') ** Water top 4000'
Temp. @ 99°F Run by Weaver
Cal. No. A4586N Chart No. 3

Depth	Pressure	Gradient
0	36	-
1000	40	.004
2000	44	.004
3000	100	.056
4000	442	.342
5645(-2320)	1137**	.422

** Mid point of casing perforations





LIST OF
OFFSET OPERATORS

TEXACO Inc.
A. H. BLINEBRY FEDERAL NCT-4 WELL NO. 4
LEA COUNTY, NEW MEXICO

Amoco Production Co.
P. O. Box 68
Hobbs, New Mexico 88240

Aztec Oil & Gas Company
P. O. Box 847
Hobbs, New Mexico 88240

Cities Service Oil Company
P. O. Box 69
Hobbs, New Mexico 88240

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

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