



L. P. Thompson
Division Manager
Production Department
Hobbs Division

Western Hemisphere Petroleum Division
Continental Oil Company
P. O. 460
1001 North Turner
Hobbs, New Mexico 88240
(505) 393-4141

February 24, 1975

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

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

Gentlemen:

Application For Downhole Commingling-Lockhart B-11 No. 3
Unit E Section 11, T-21S, R-37E, Lea County, New Mexico

Continental Oil Company, P. O. Box 460, Hobbs, New Mexico as a operator of the Lockhart B-11 lease, respectfully requests Administrative approval under the provisions of Order No. R-3845 to commingle in the wellbore production from the Blinebry Oil and Wantz Abo oil pools in the subject well. This dual completion was authorized by Administrative Order No. MC-1383. The attached plat shows the Lockhart B-11 Lease outlined in red and the No. 3 well by the red circle.

On February 18, 1975, the bottom hole pressures in the Blinebry and Wantz Abo were measured in the well. The Blinebry pressure was measured to be 925 psi after being shut-in for seven days. The Wantz Abo pressure was measured to be 801 psi after being shut-in for seven days.

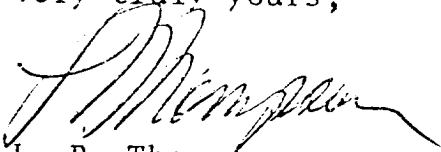
Attached is a Form C-116 indicating the latest well tests. Also attached is a production decline curve for each zone. Anticipated production from the well after commingling is 20 BOPD by pumping. A pumping unit is required due to decreasing pressures and therefore inability to flow.

The fluid from these two pools has been commingled at the battery since 1962 as approved under Administrative Order No. PC-97 and there has been no indication of incompatibility. Both crudes are typical Permian High Gravity crude.

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The USGS is being notified by copy of this letter. Your approval and further handling of this application will be sincerely appreciated.

Very truly yours,



L. P. Thompson

SAJ:csh
Attachment

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New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

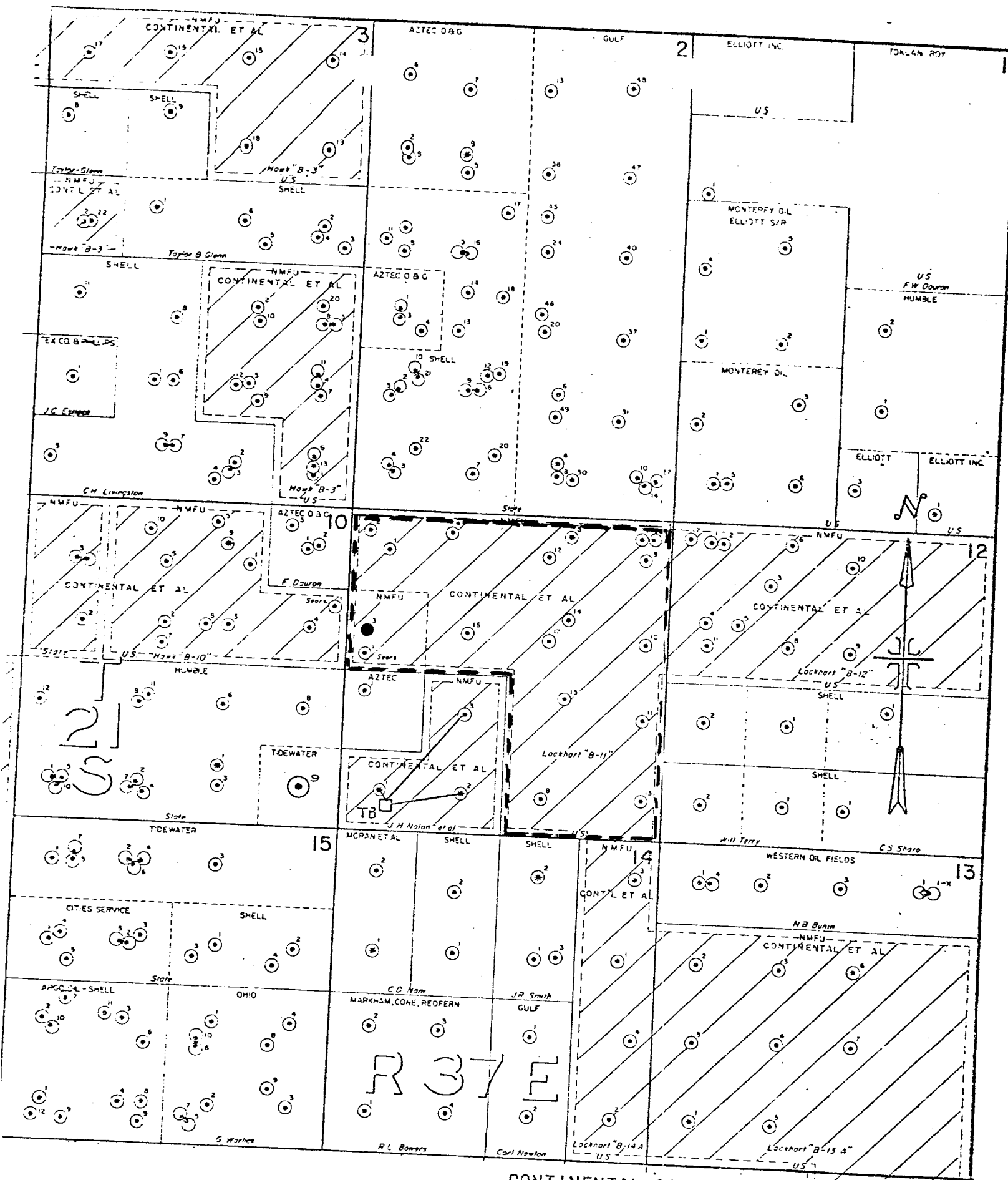
Amoco Production Company
P. O. Box 367
Andrews, Texas 79714

Atlantic Richfield Company
P. O. Box 1710
Hobbs, New Mexico 88240

Chevron Oil Company
P. O. Box 1660
Midland, Texas 79701

Offset Operators
Aztec Oil Company
P. O. Box 837
Hobbs, New Mexico 88240

Humble Oil Co.
P. O. Box 1600
Midland, Texas 79701



□ TANK BATTERY

CONTINENTAL OIL COMPANY
 PRODUCTION DEPARTMENT
 HOBBS DIVISION
 J.H. NOLAN LEASE PLAT
 LEA COUNTY, NEW MEXICO
 SCALE 1" = 100'

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County										
Continental Oil Company		Blinebry and ABO		Lea										
Address		TYPE OF TEST - (X)		Completion ☐ Scheduled ☐		Special ☒								
P. O. Box 460 Hobbs, New Mexico 88240														
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.
<u>Blinebry</u> Lockhart B-11	3	E	11	21S	37E	12-20-74	ST	open	100	NA	24	NA	NA	NA
	3	E	11	21S	37E	12-20-74	F	open	100	9	24	1	37.5	36

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.

Blaine J. Jorgensen
(Signature)

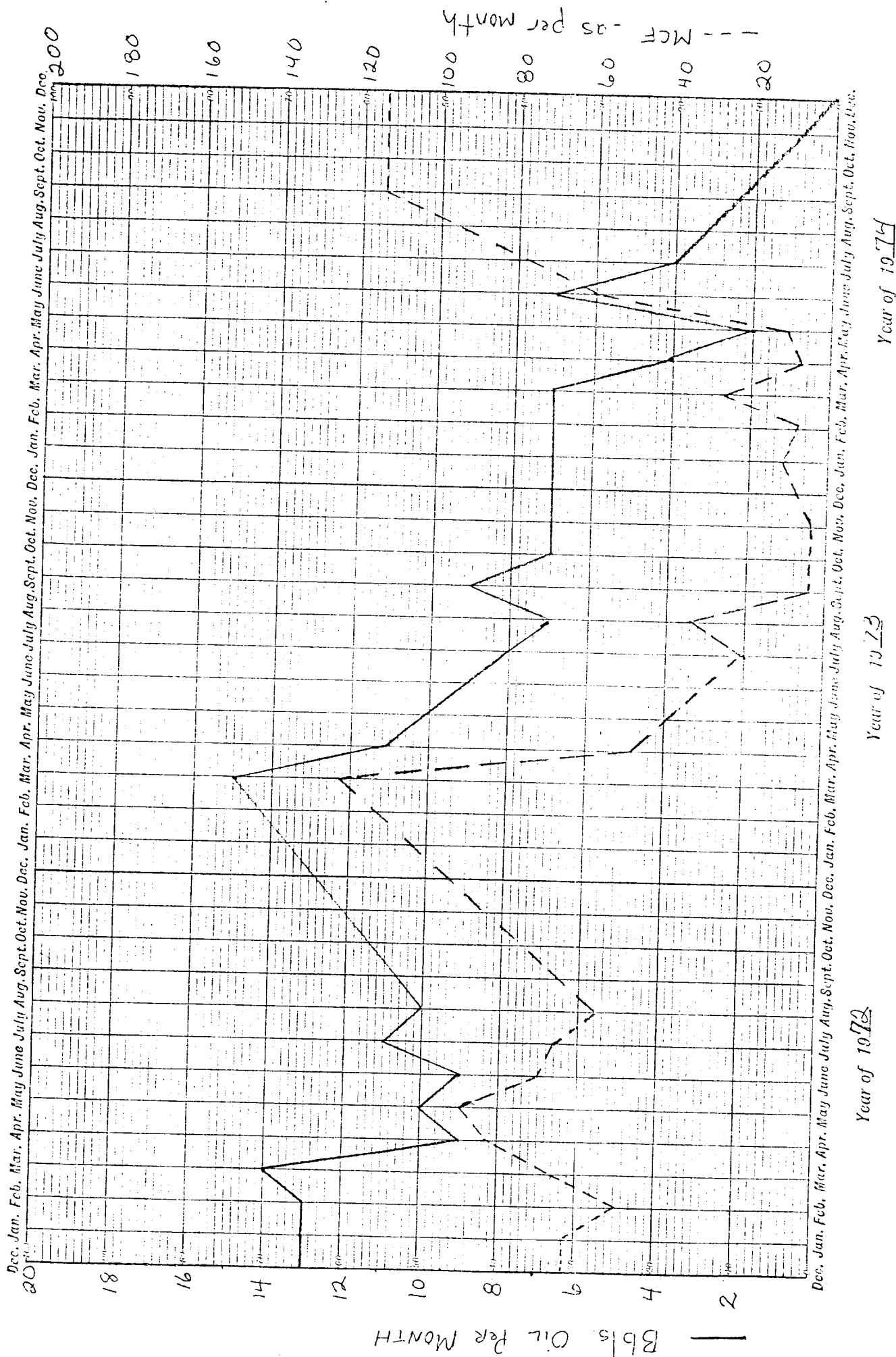
Administrative Supervisor

(Title)

January 10, 1975

(Date)

Blinebry
Lockhart B-11 No. 3



Year of 1974

Year of 1973

Year of 1972

7760

Lockhart 13-11 No 3

