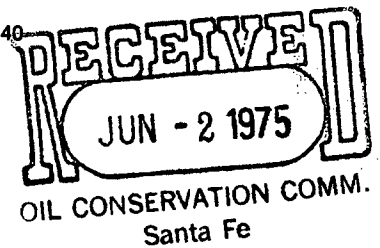




DHC - 166

L. P. Thompson
Division Manager
Production Department
Hobbs Division
Western Hemisphere Petroleum Division

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



May 29, 1975

New Mexico Oil Conservation Commission (2)
P. O. Box 2088
Santa Fe, NM 87501

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

Gentlemen:

Application for Downhole Commingling - Lockhart B-11 No. 16
Unit F Section 11 T-21S, R-37E, Lea County, New Mexico

Continental Oil Company, P. O. Box 460, Hobbs, New Mexico, as operator of the Lockhart B-11 lease, respectfully requests Administrative Approval under the provisions of Rule 303C, to commingle in the wellbore production from the Blinebry Oil and Drinkard Oil Pools in the subject well. This dual completion was authorized by Administrative Order MC 1131A. The attached plat shows the Lockhart B-11 lease outlined in red and the No. 16 well by the red circle.

On September 29, 1972 the bottom hole pressures in the Blinebry and Drinkard were measured in the well. The Blinebry pressure was measured to be 640 psi after being shut-in for 24 hours. The Drinkard pressure is estimated to be 300 psi. The Drinkard Zone was pumping prior to shut-in 11-1-69.

Attached is 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 26 BOPD by pump.

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.

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

Yours very truly,

BEG:ch

Enc.

BL - 14 BOPD - Pf - 5750 - 6041
Dr - 2 BOPD - Pf - 6500 - 6675
16

Mr. A. L. Porter, r.
Page 2
May 29, 1975

cc + enc.:

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

U.S. Geological Survey
Drawer 1857
Roswell, NM 88201

RLA; GAD; JWK;

Amoco Production Co.
P.O. Box 68
Hobbs, NM 88240

Arco Production Co.
P.O. Box 1710
Hobbs, NM 88240

Chevron Oil Co.
P.O. Box 1160
Midland, TX 79701

Offset Operator
Shell Oil Co.
P.O. Box 1509
Midcontinent Production Division
Midland, TX 79701



JUN 11 1975

NEW MEXICO OIL
CONSERVATION COMMISSION
Santa Fe

Amoco Production Company

500 Jefferson Building
P.O. Box 3092
Houston, Texas 77001

E. E. Morris
Division Engineer

June 9, 1975

File: DRC-986-51 NM-2215

Re: Application to Downhole Commingle
Lockhart B-11 Well No. 6
Blinebry and Drinkard Oil Pools
Lea County, New Mexico

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

Gentlemen:

Continental Oil Company has made application for administrative approval to commingle in the wellbore, production from the Blinebry and Drinkard Oil Pools in their Lockhart B-11 Well No. 6.

The location of the subject well is Unit F, Section 11, T-21-S, R-37-E, Lea County, NM.

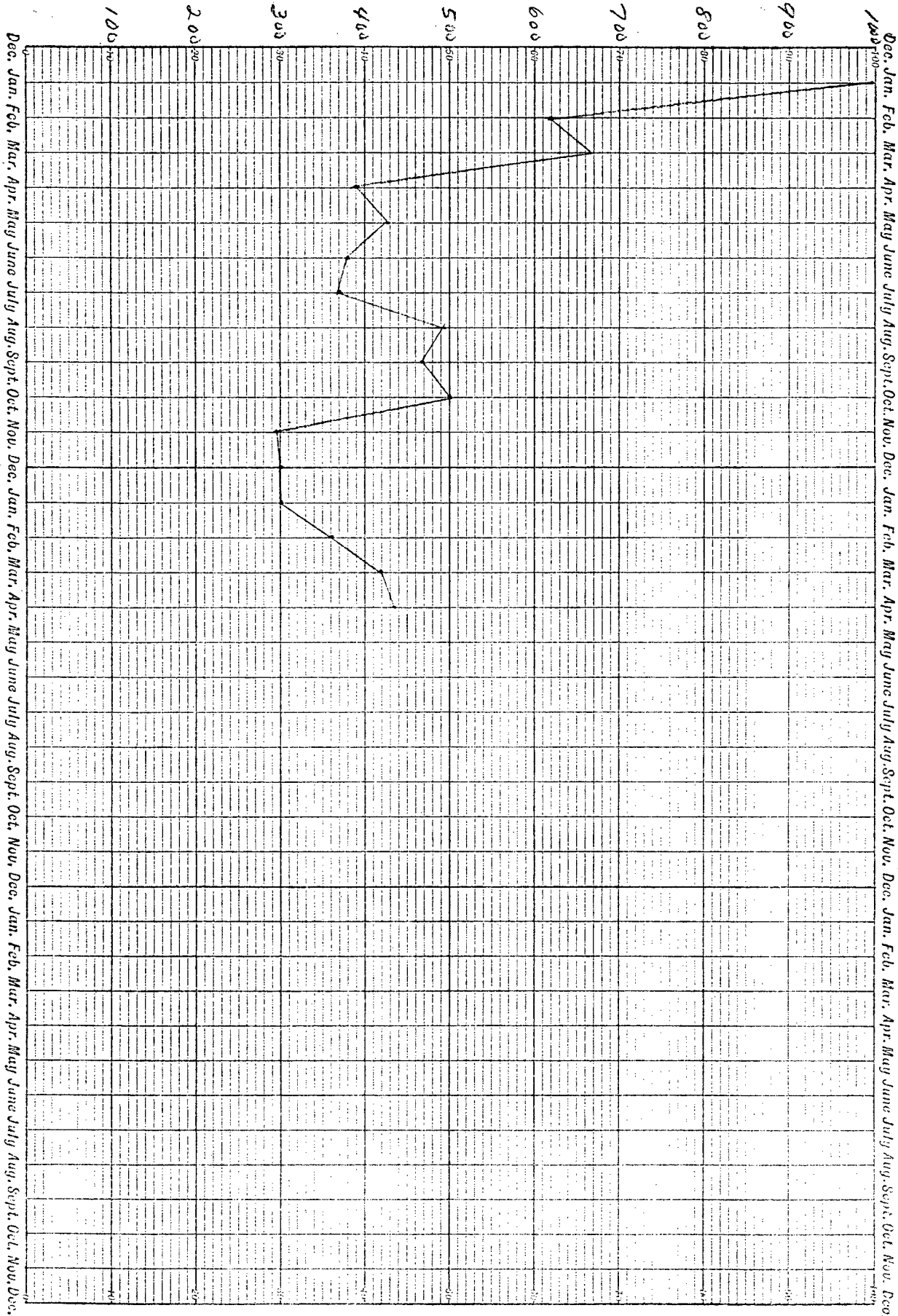
As a field operator, Amoco Production Company has no objection to this application and hereby waives notice and hearing.

Yours very truly,

EHW/lj
1/453

cc: Continental Oil Company ✓
P. O. Box 460
Hobbs, NM 88240

Baird Cat Production Per Month



Year of 1924

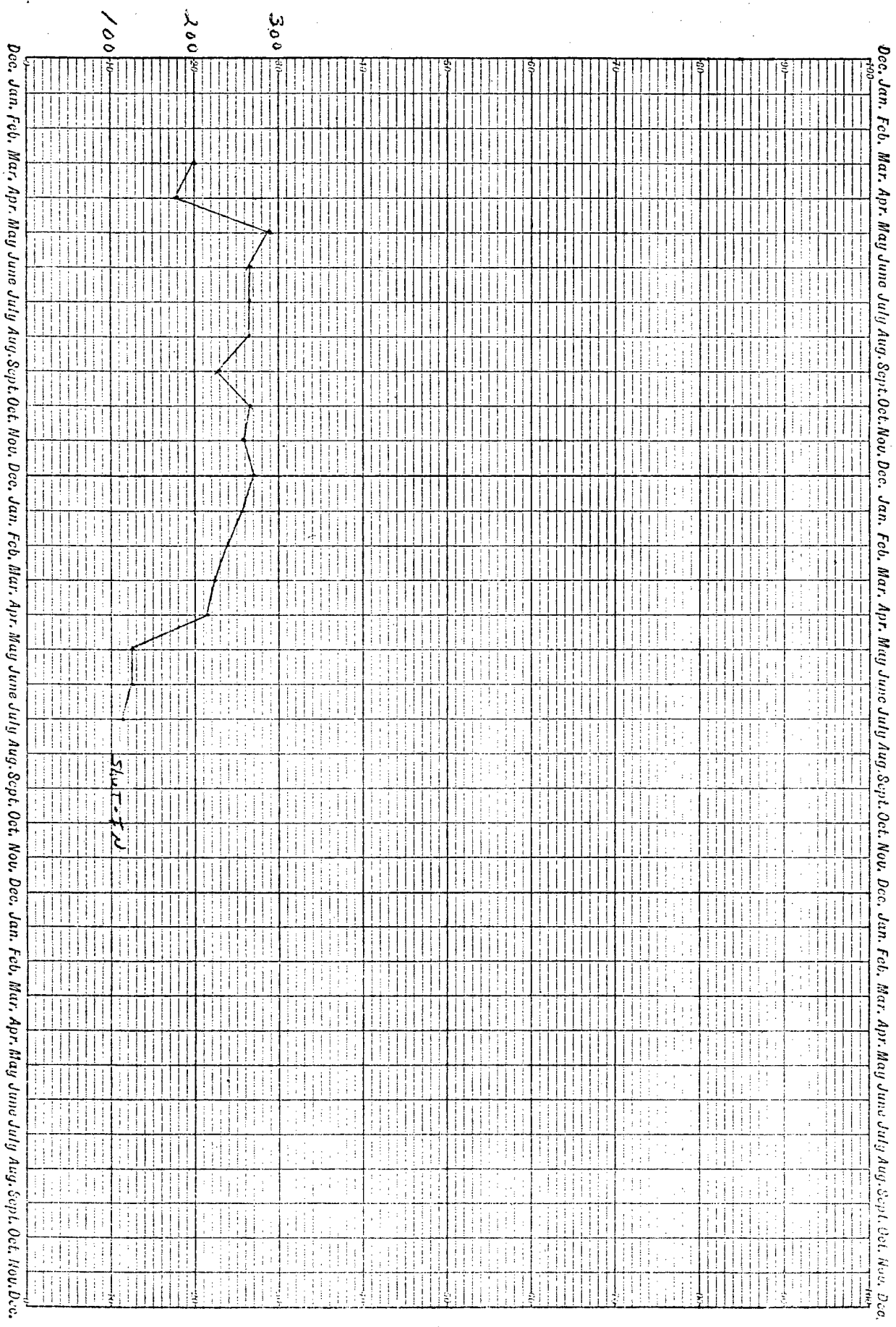
Year of 1925

Year of 19

Blindly
Lockport Ill. 0016

Drilled
Lockhart P-11 No. 16

Barrels Oil Production Per Month



Year of 1968

Year of 1969

Year of 19__

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

Form
Revised 1-1-65

Operator		Pool		County												
Continental Oil Company		Blooming Hill		L 004												
Address		Box 460 Hobbs, N.M. 88240		Type of Test - (X)												
				Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/>												
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	STATUS	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 BBL.S.	GRAV. OIL BBL.S.	GAS M.C.F.		
Blooming Lockhart 8-11	16	F	11	21	37	8-21-74	F	Open	50	15	24	5	38.5	14	71	5071
Dickard Lockhart 8-11	16	F	11	21	37	10-14-69	P	-	-	0	24	0	38.6	2	13	6500

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]
(Signature)
[Title]
(Title)
5-30-75
(Date)

