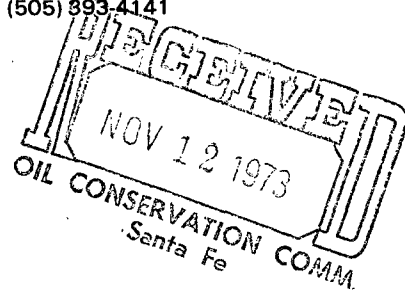




L. P. Thompson
Division Manager
Production Department
Hobbs Division

Western Hemisphere Petroleum Division
Continental Oil Company
P. O. 460
1001 North Turner
Hobbs, New Mexico 88240
(505) 893-4141

November 6, 1973



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

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

Gentlemen:

Application for Downhole Commingling - Lockhart B-11 No. 8
Unit O 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 Order No. R-3845, 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 No. R-1467. The attached plat shows the Lockhart B-11 lease outlined in red and the No. 8 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 550 psi after being shut-in for 24 hours. The Drinkard pressure was measured to be 850 psi after being shut-in for 24 hours.

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 8 BOPD by flowing.

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.

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,

L.P. Thompson

pc
Enc.

DHC - 137
Due Dec 2

Mr. A.L. Porter, Jr.
Page 2
November 6, 1973

cc + enc.:

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

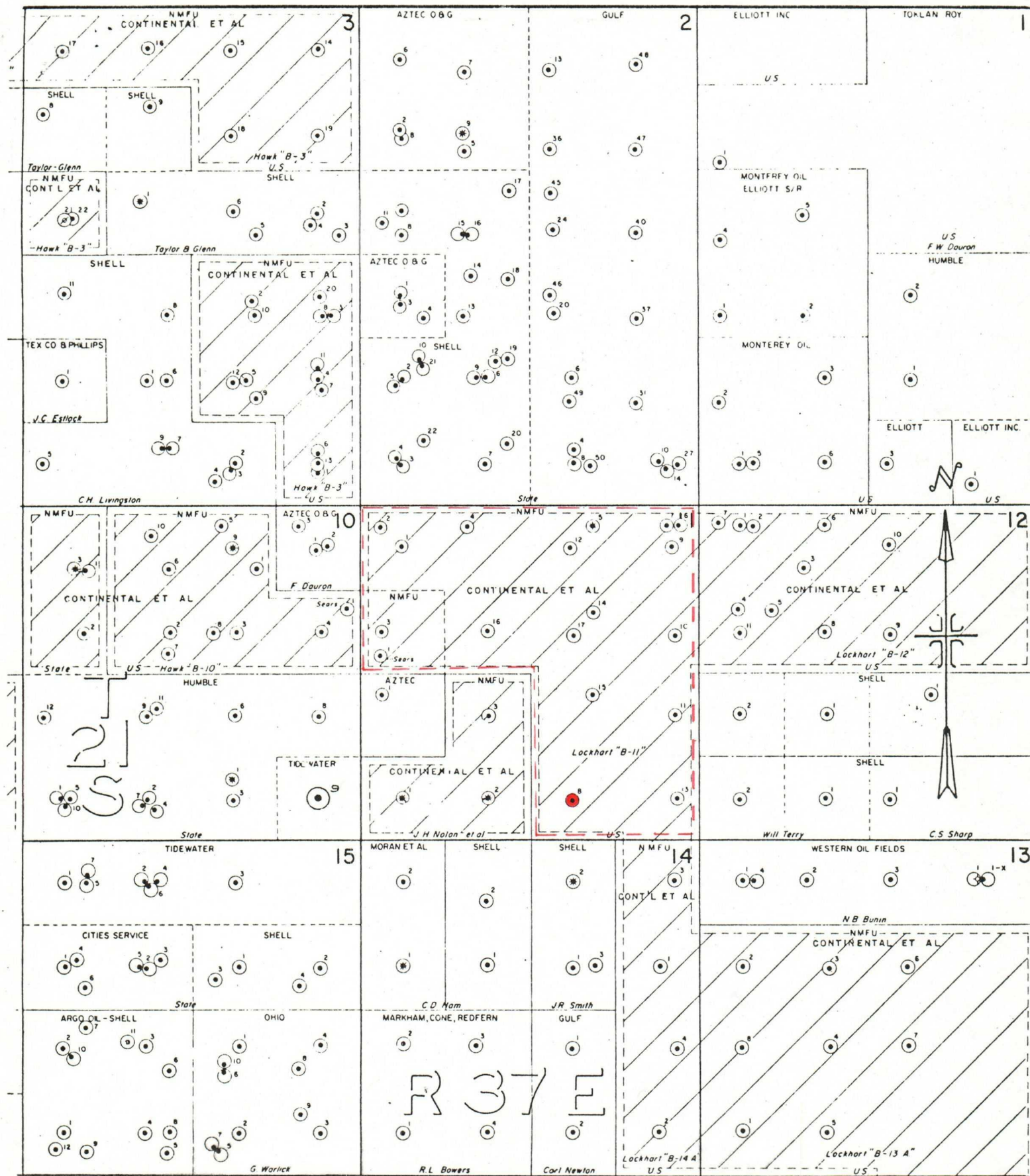
RLA; GAD; JWK;

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 1660
Midland, TX 79701

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



CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
HOBBS DIVISION
LEASE PLAT
LEA COUNTY, NEW MEXICO
SCALE: 1"=2000'

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County												
Continental Oil Co.		Blinebry and Drinkard		Lea												
Address		TYPE OF TEST - (X)		Completion ☐ Scheduled ☐												
P.O. Box 460 Hobbs, New Mexico																
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 BBL.S.	GRAV. OIL		OIL BBL.S.	GAS M.C.F.	
<u>Blinebry</u>																
Lockhart B-11	8	0	11	21-S	37-E	10-19-73	F	open	100	1	24	0	36.7	1	30	30,000
<u>Drinkard</u>																
Lockhart B-11	8	0	11	21-S	37-E	10-19-73	F	open	100	1	24	1	36.7	2	53	26,500

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

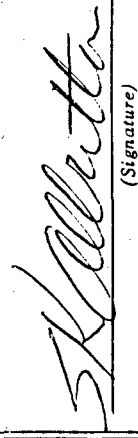
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized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

Administrative Supervisor

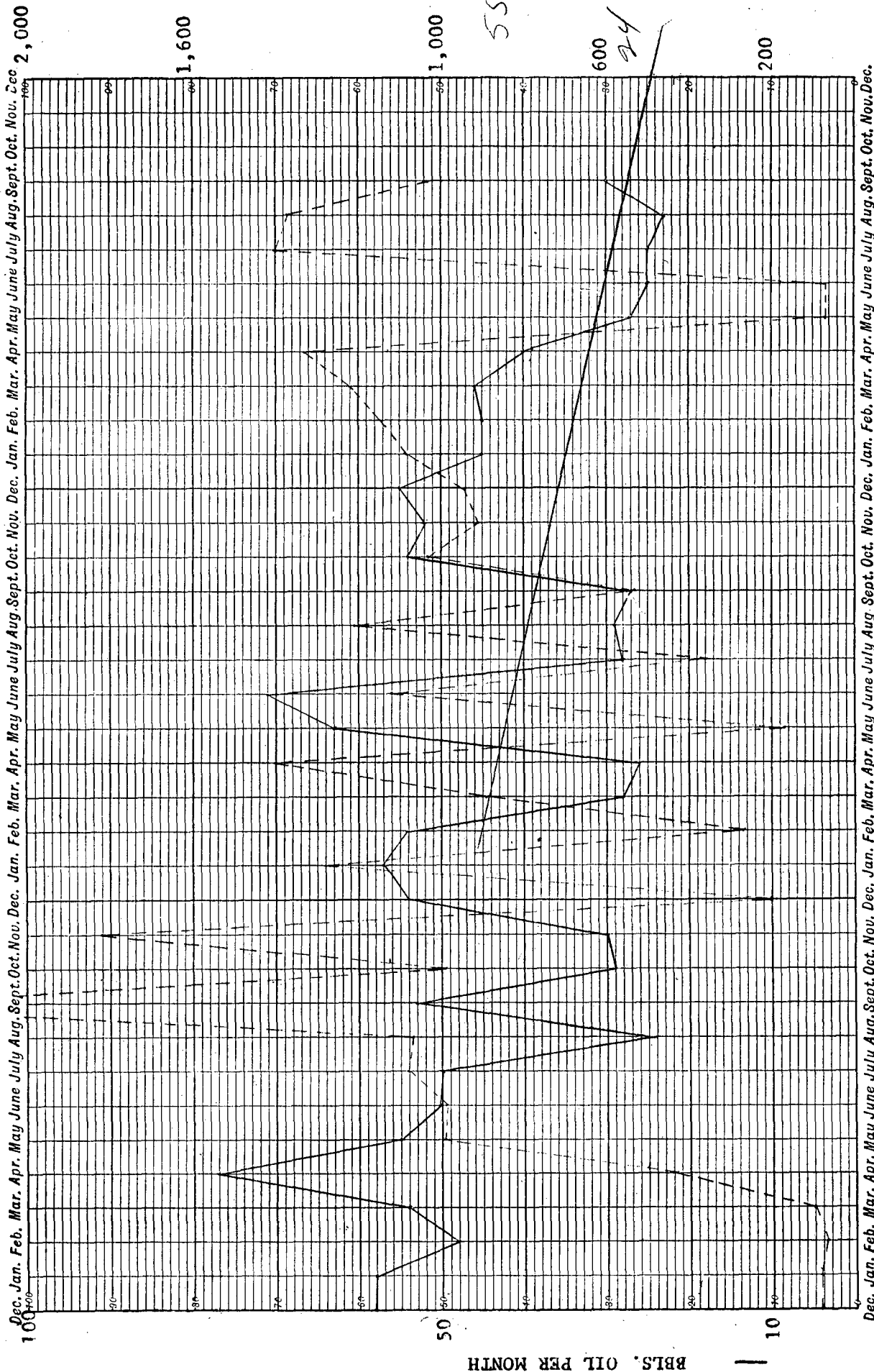
(Title)

November 6, 1973

(Date)

Drinkard

Lockhart B-11 No. 8

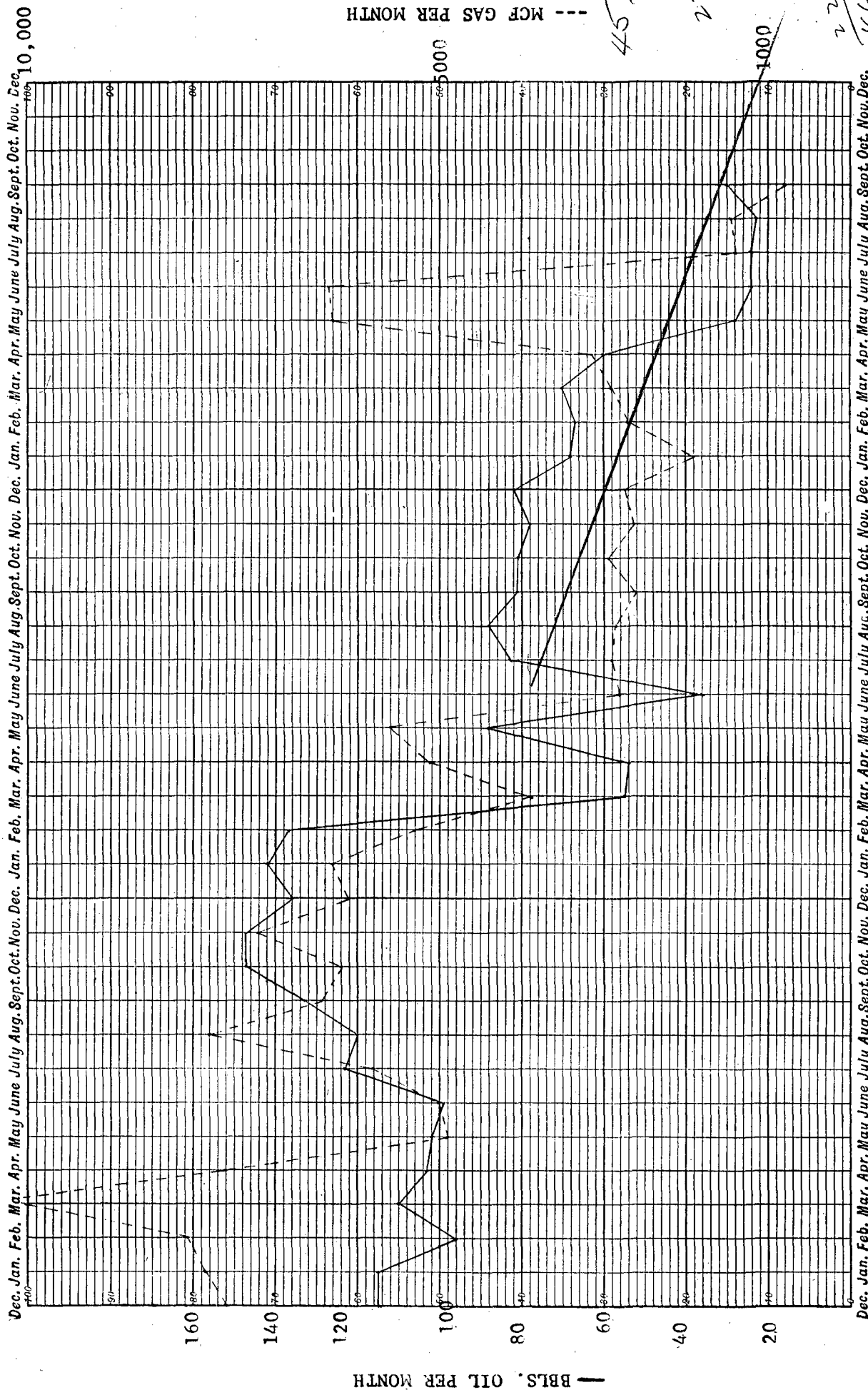


Year of 1973

Year of 1972

Year of 1971

Lockhart B-11 No. 8



Year of 1971

Year of 1972

Year of 19.73