



CONTINENTAL OIL COMPANY

P. O. Box 460

HOBBS, NEW MEXICO 88240

PRODUCTION DEPARTMENT

HOBBS DIVISION

L. P. THOMPSON

Division Manager

G. C. JAMIESON

Assistant Division Manager

1001 NORTH TURNER

TELEPHONE 393-4141

July 20, 1971

New Mexico Oil Conservation Commission (2)

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. 2,
Unit D-11-21S-37E, Lea County, New Mexico

Continental Oil Company, as operator of the Lockhart B-11 Lease, respectfully requests administrative approval under the provisions of Order No. R-3845, to commingle in the well bore production from the Terry Blinebry Oil and Drinkard Oil Pools in the subject well. This dual completion was authorized by Administrative Order No. MC-1291. The attached plat shows the Lockhart B-11 Lease outlined in red and the No. 2 well by the red circle.

On July 14, 1971, the bottom hole pressure in the Terry Blinebry was measured in the Lockhart B-11 Well No. 3, located 1625' to the south of the No. 2 well. The Terry Blinebry was measured to be 614 psi after being shut-in for 24 hours. On July 15, 1971, the bottom hole pressure in the Drinkard was measured in the Lockhart B-11 Well No. 2. The Drinkard pressure was measured to be 1267 psi after being shut-in for 24 hours.

Attached, hereto, is form C-116 indicating the latest well tests. Also attached is a production decline curve for each zone. Anticipated production from the well is 20 BOPD by pumping.

The fluid from these two pools has been commingled at the battery for a number of years and there has been no indication of incompatibility. Both crudes are typical permian high gravity crude.

75
25

DHC-91
Due Aug 11

New Mexico Oil Conservation Commission

Page 2

July 20, 1971

Your further handling and approval of this application will be sincerely appreciated.

Yours very truly,



rw

Copies + enc:

New Mexico Oil Conservation Commission

P. O. Box 1980

Hobbs, New Mexico 88240

United States Geological Survey

P. O. Box 1157

Hobbs, New Mexico 88240

Off-set Operators

RLA: JJB: JWK:

OFF-SET OPERATORS

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

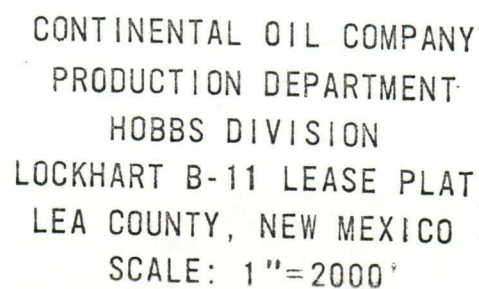
Shell Oil Company
P. O. Box 1509
Midland, Texas 79701

Gulf Oil Company
Drawer 1938
Roswell, New Mexico 88201

Amoco Producing Company
P. O. Box 68
Hobbs, New Mexico 88240

Atlantic Richfield Company
P. O. Box 1978
Roswell, New Mexico 88201

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



CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
HOBBS DIVISION
LOCKHART B-11 LEASE PLAT
LEA COUNTY, NEW MEXICO
SCALE: 1"=2000'

C-116
Revised 1-1-65

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.

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nmdec(2) RFL File


 (Signature)
 M. E. MacLean
 (Title)
 7-20-71

(Date)

C-116
Revised 1-1-65

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Model 2) RFL file

M. S. [Signature]
(Signature)
Admiral's Club, [Signature]
(Title)
7-20-71
(Date)