



L. P. Thompson
Division Manager
Production Department
Hobbs Division

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

August 27, 1976

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

Attention: Mr. Joe D. Ramey, Secretary Director

Gentlemen:

Application for Downhole Commingling - Hawk B-1 Well No. 4
Unit L Section 9 T-21S, R-37E, Lea County, New Mexico

Continental Oil Company, P. O. Box 460, Hobbs, New Mexico, as operator of the Hawk B-1 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. MC-1660. The attached plat shows the Hawk B-1 lease outlined in red and the No. 4 well by the red circle.

On August 10, 1976, the bottom hole pressures in the Blinebry and Drinkard were measured in the well. The Blinebry pressure was measured to be 850 psi after being shut-in for 24 hours. The Drinkard pressure was measured to be 650 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 30 BOPD by pumping.

The fluid from these two pools has been commingled at the battery since 1962 as approved under Administrative Order No. PC-113 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,

Original Signed:

L. P. Thompson
Division Manager

dlh
Enc.

Mr. Joe D. Ramey
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Copies to:

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

FEE: FOH: JWK:

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

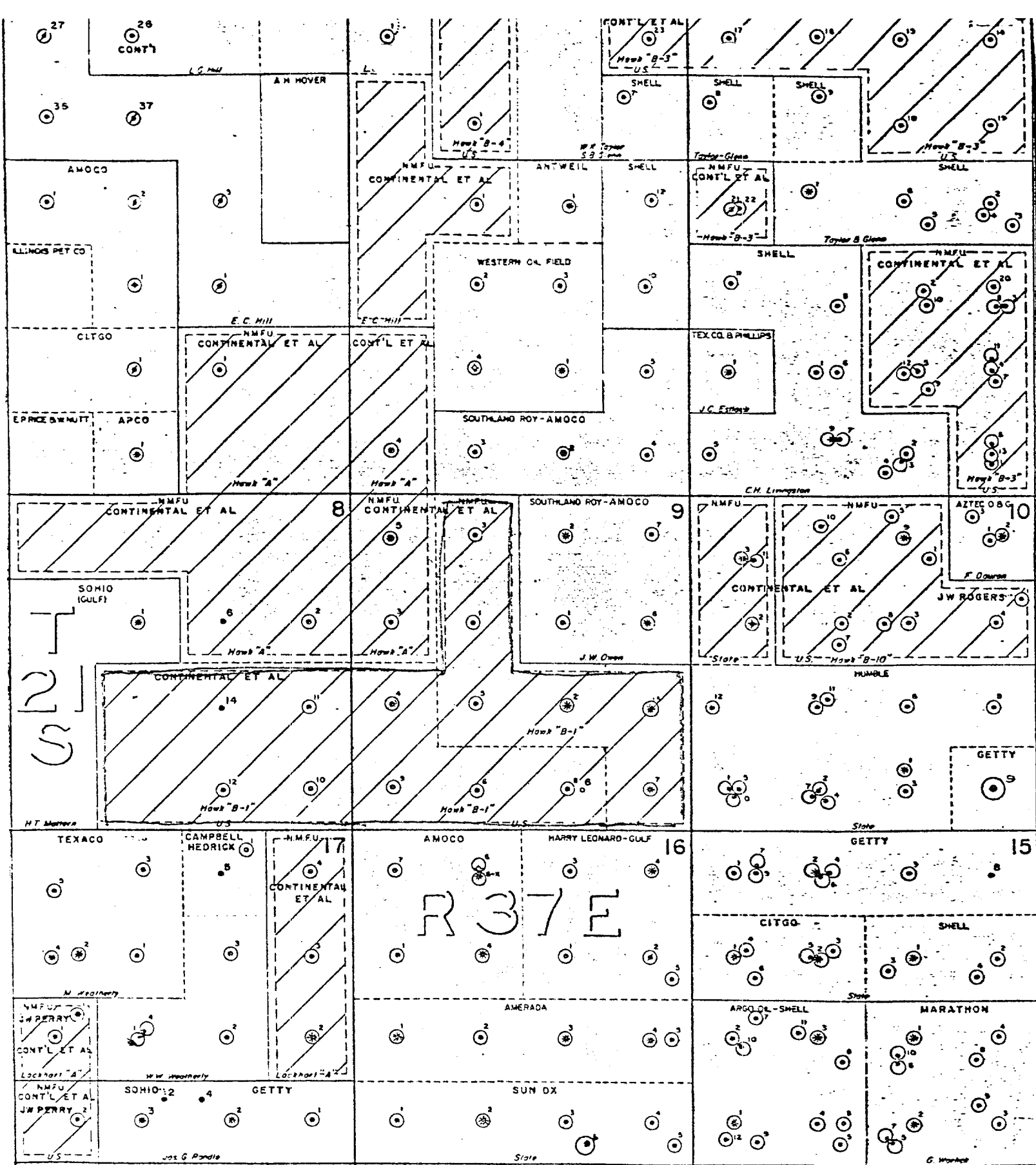
U. S. Geological Survey
Drawer 1857
Roswell, NM 88201

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

Chevron Oil Co.
P. O. Box 1660
Midland, TX 79701

Offset Operator

Sohio Oil Co.
Box 3000
Midland, TX 79701



CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
HOBBS DISTRICT

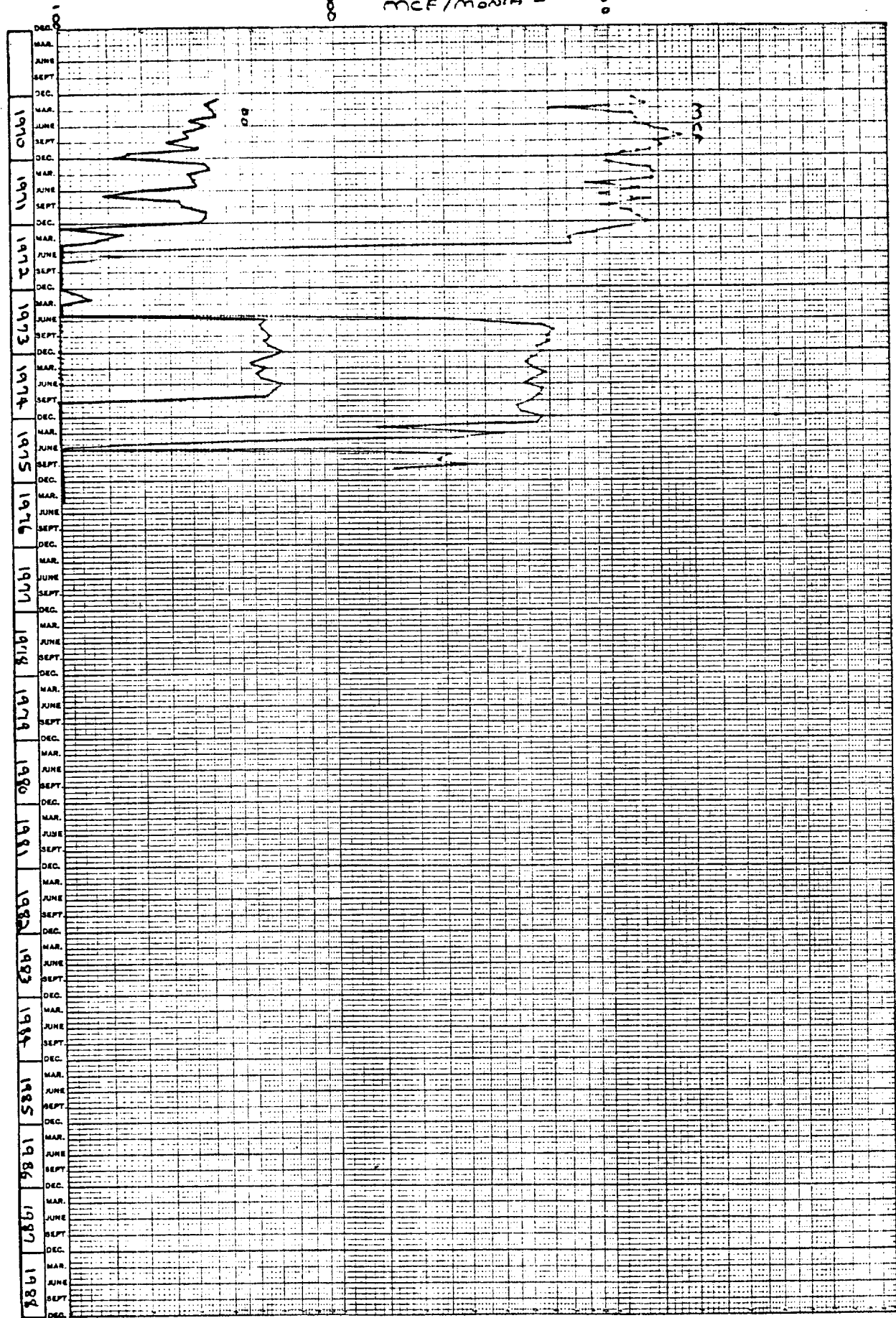
HAWK B-1 LEASE

LEA COUNTY, NEW MEXICO

BOPM -
 BWPm -
 MCF/MONTH -

1000

10,000



(2) AUC B-1 Jo. 4
 BLINE BK5 POOL

