

Rec'd in Hobbs OCC
Sept 3, 1976

Dec 9/13/76

DHC - 205

RECEIVED
SEP 16 1976
OIL CONSERVATION COMM
Santa Fe

August 27, 1976

New Mexico Oil Conservation Commission
P. O. Box 2083
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

L. P. Thompson
Division Manager

dlh
Enc.

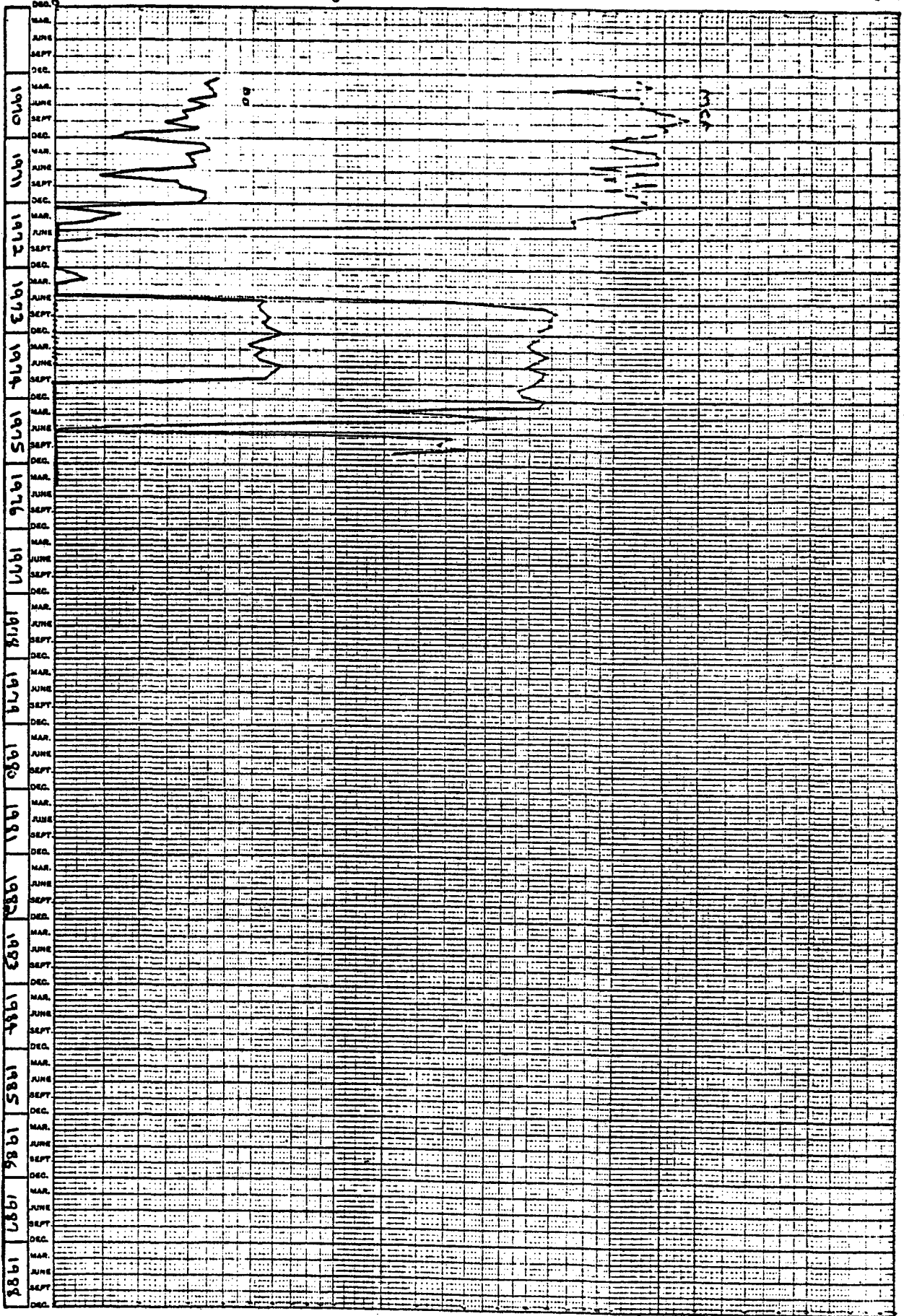
Bl 2280 (91%) 37 mcf (64 %)
Dr 280 (9%) 21 mcf (36 %)
24 58

Battery pf - 1587' - 40 BOPD

BOPM -
 BWPM -
 MCF/MONTH -

1000

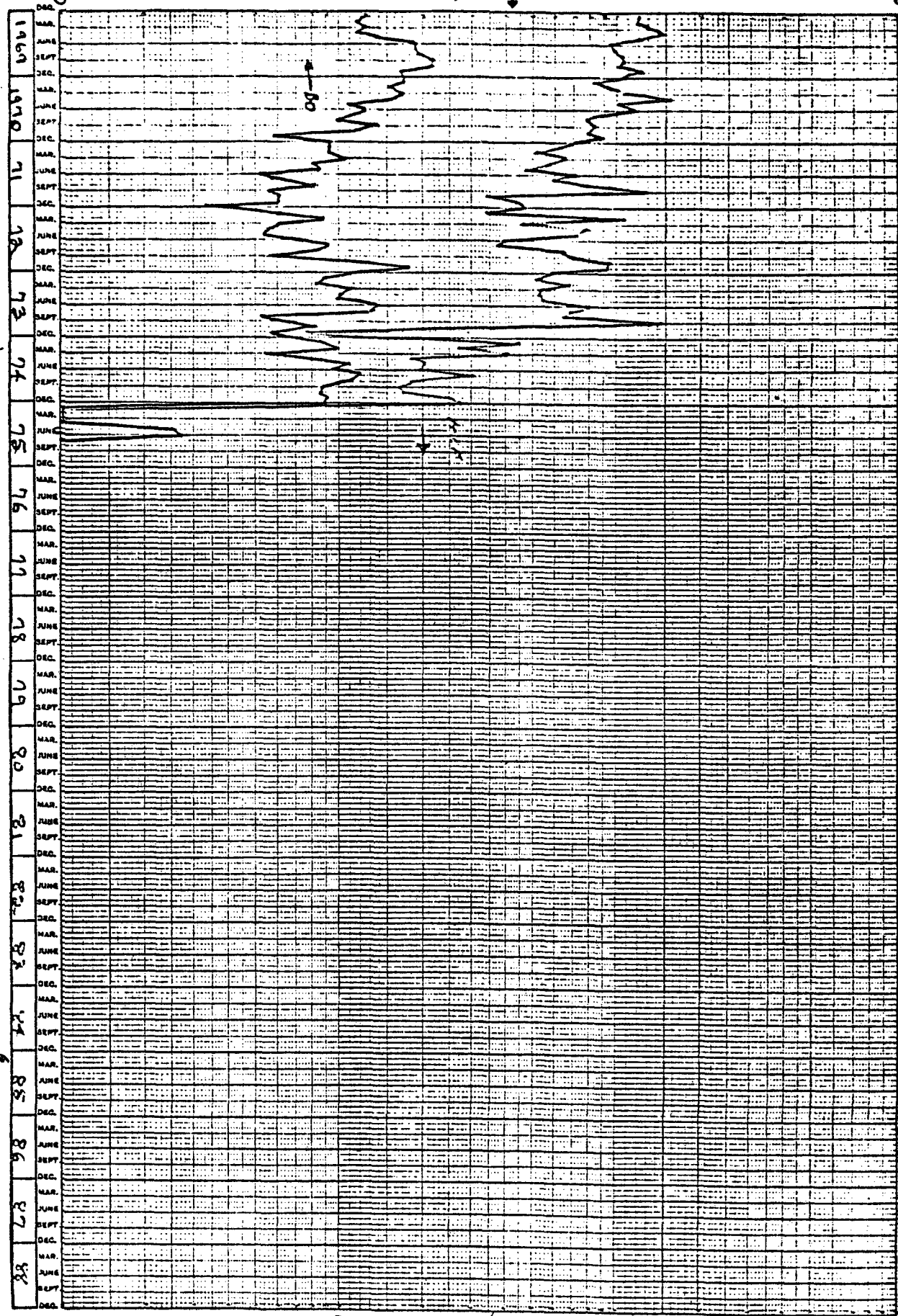
10000



FLANK B-1 No. 4
 BLIND BLY POOL

10,500

BOPM
GWPM
MCF/mo.



no water

GAUSS D-1 No. 4
DEINERCO

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

During run-in 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.

FILE

אשר

(Signature)

Triller

五

1800

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.

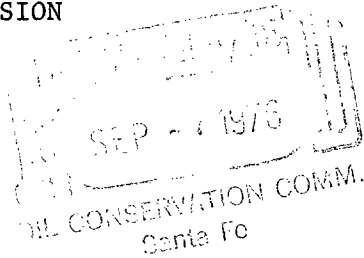
MOCC (2) FILE

(Signature)

(11.10.7)

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO



DATE Sept. 3, 1976

RE: Proposed MC _____
Proposed DHC X _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated _____
for the Continental Oil Co. Hawk B-1 #4-L 9-21-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,