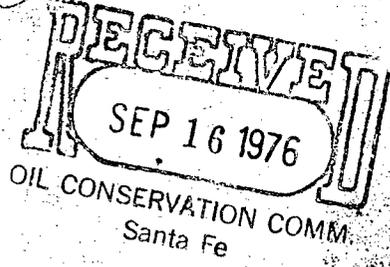


Rec'd in Hobbs OCC  
Sept 3, 1976

Dec 9/13/76

DHC - 205



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

Bl 2280 (91%) 37 mcf (64%)  
Dr 250 (9%) 21 mcf (36%)  
24 58

dlh  
Enc.

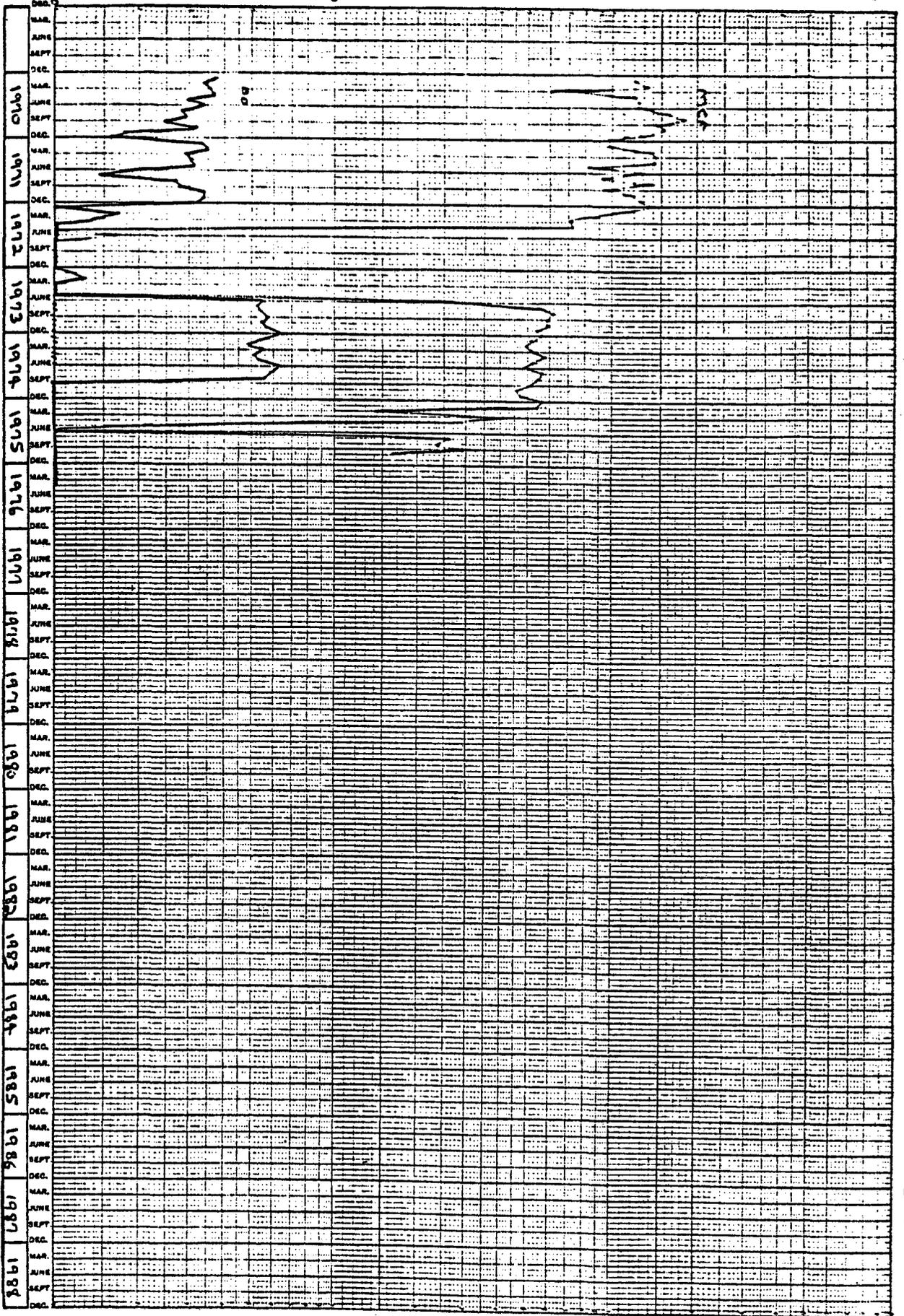
Battery # - 6587' - 40 BOPD



BOPM -  
BWPB -  
MCF/MONTH -

1000

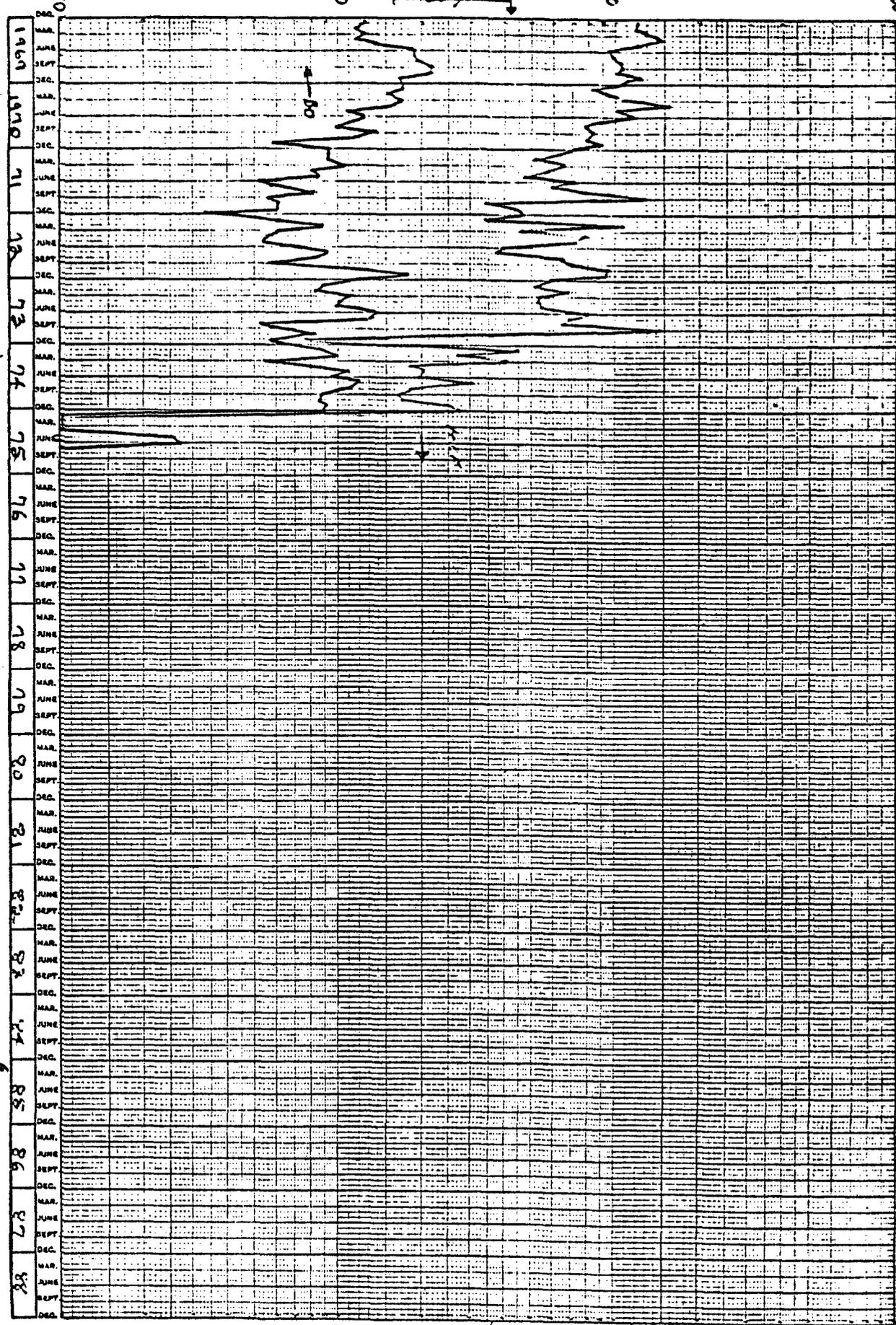
10000



PLANK B-1 No. 4  
BLIND BRG POOL

10,500

BOPM  
GWPM  
MCF/MO



no water

PLANN D-1 No. 7  
DENVER CO

MCF/MO.

0

1000

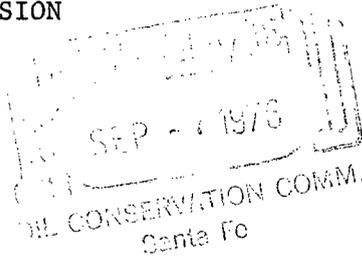
10,100





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,