

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

September 5, 1962

Van American Petroleum Corporation  
P. O. Box 68  
Hobbs, New Mexico

Attention: Mr. V. E. Staley

Administrative Order PC-95

Gentlemen:

Reference is made to your application dated August 10, 1962, for administrative approval of an exception to Rule 303 (a) of the Commission Rules and Regulations to permit the commingling of the production from the Paddock and the Brunson Pools on your Hugh Corrigan Lease located in the NE/4 SE/4 of Section 33, Township 21 South, Range 37 East, NMPN, Lea County, New Mexico, without separately metering the production from either pool and allocating the production on the basis of monthly well tests.

By the authority vested in me under the provisions of Rule 303 (b) of the Commission Rules and Regulations, you are hereby authorized to commingle the production from the aforesaid pools on said lease in the above-described manner. Provided however, that the installation shall be operated in accordance with the provisions of the Commission "Manual for the Installation and Operation of Commingling Facilities," and provided further however, that you shall immediately notify the Commission at such time as any well in either pool is capable of top allowable production.

Very truly yours,

A. L. FORNER, Jr.,  
Secretary-Director

ALP/DSM/esr

cc: Oil Conservation Commission (with enclosure) - Hobbs  
Oil & Gas Engineering Committee - Hobbs

PAN AMERICAN PETROLEUM CORPORATION

Post Office Box 68  
Hobbs, New Mexico

August 10, 1962

File: VES-262-541.112 x 400

Subject: Application to Commingle Production  
Hugh Corrigan Lease, Lea County,  
New Mexico

Mr. A. L. Porter (3)  
Secretary-Director  
New Mexico Oil Conservation Commission  
Post Office Box 871  
Santa Fe, New Mexico

Dear Mr. Porter:

Pan American Petroleum Corporation hereby submits application for exception to Order No. R-2005 which authorized commingling of oil production from the following wells and pools by metering:

Hugh Corrigan No. 1 located in Unit I, Section 33, T-21-S, R-37-E, NMPM, Lea County, New Mexico. This well is completed in the Paddock (oil) Pool.

Hugh Corrigan No. 2 located in Unit I, Section 33, T-21-S, R-37-E, NMPM, Lea County, New Mexico. This well is dually completed in the Brunson (oil) and Wantz Abo (oil) Pools. The Brunson Zone is shut-in.

In support of our request for exception to Order No. R-2005 wherein Pan American was granted exception approval to Rule 303(a) to permit the commingling in common facilities of the commonly owned production from two or more sources of supply, the following is submitted:

1. The oil production from each common source will be allocated on the basis of well test. Attached is a tabulation of production showing the average daily production over a 60-day period. At the time the Order No. 2005 was issued both the Wantz Abo production and Brunson production were penalized due to high gas-oil ratio. Since that time, the Brunson Zone has been shut-in and Wantz Abo production is no longer penalized. The zones were never commingled due to the expense of installing meters.
2. Detailed data of liquid hydrocarbons:

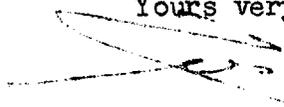
<u>Pools</u>	<u>Cravity</u>	<u>Price/Bbl</u>	<u>Est Annual Production</u>
A. Paddock	36.8	\$2.83	5840
B. Wantz Abo	39.6	\$2.92	913
C. Commingled	37.2	\$2.86	6753

The commercial value of the commingled production will be \$120 per year more than the sum of the production from each common source of supply.

Schematic diagram of proposed installation is attached. Tank battery facility to be located in NE/4, SE/4, Section 33, T-21-S, R-37-E, Lea County, New Mexico.

Plat showing the location of all wells on the Hugh Corrigan Lease and the pools from which the well is producing is attached.

Yours very truly,

A handwritten signature in dark ink, appearing to read 'V. E. Staley', with a horizontal line drawn through it.

V. E. Staley

Attachments

Tabulation of Production - Hugh Corrigan Lease

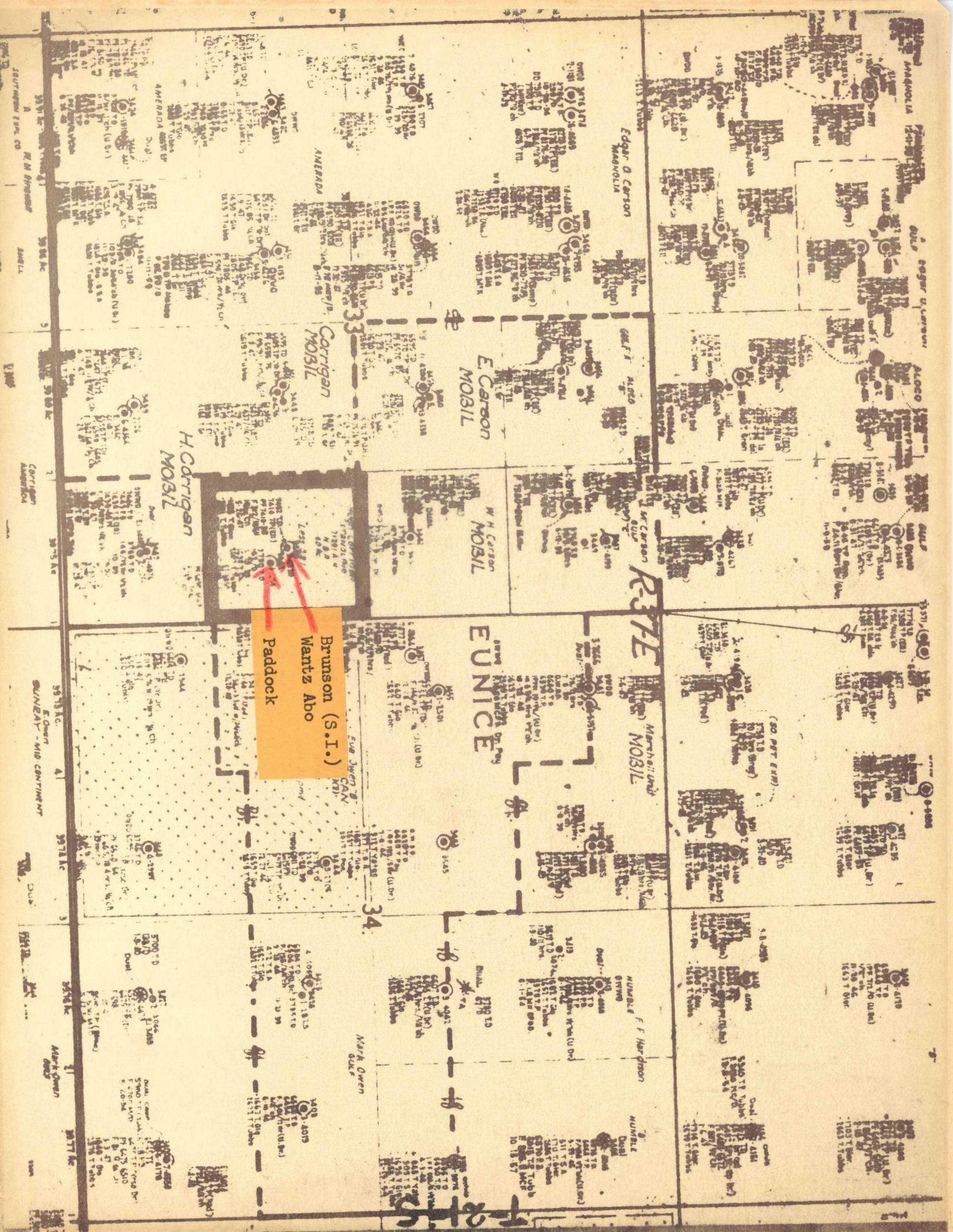
<u>Pool</u>	<u>Production Period</u>	<u>Production*</u>	<u>Avg. Daily Production</u>
Paddock	6-1 to 6-15-62	282.59	20.2
"	6-15 to 7-1-62	303.97	19.0
"	7-1 to 7-15-62	277.42	19.8
"	7-15 to 8-1-62	<u>207.26</u>	12.2
		1071.24	

1071.24 barrels in 61 days or 17.6 barrels/day. Top allowable for one well in Paddock Field is 46 barrels per day. This well does not have a penalized allowable.

Wantz Abo	6-1 to 6-15-62	35.31	2.5
"	6-15 to 7-1-62	47.70	3.0
"	7-1 to 7-15-62	24.84	1.8
"	7-15 to 8-1-62	<u>44.15</u>	2.6
		152.00	

152.00 barrels in 61 days or 2.5 barrels/day. Top allowable for one well in Wantz Abo Field is 80 barrels per day. This well does not have a penalized allowable.

\*Due to the marginal character of the production in these pools, production is reported only twice per month. The production on this lease is segregated although Order No. 2005 gave approval to commingle. Commingling was not commenced due to the expense of installing meters.



Brunson (S.I.)  
Wantz Abo  
Paddock

H. Corrigan  
MOBIL

Corrigan  
MOBIL

E. Carson  
MOBIL

M. Carson  
MOBIL

E. Unice  
MOBIL

R. Pfeiffer  
MOBIL

M. Carson  
MOBIL

F. Harrison  
MOBIL

MOBIL

34

M. A. Owen  
G.M.F.

5975 AC  
E. Owen  
MID CONTINENT

5976 AC

5977 AC

5978 AC

5979 AC  
M. A. Harrison

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5982 AC  
Corrigan  
AMERICA

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Well No. 1  
Well No. 2



ST  
500  
bbl

ST  
500  
bbl

PAN AMERICAN PETROLEUM CORPORATION

SCALE:

Schematic diagram of proposed battery installation - Hugh Corrigan Lease,  
NE/4, SE/4, Section 33, T-21-S, R-37-E, Lea County, New Mexico.

DRG.  
NO.