

MIDWEST OIL CORPORATION

1500 WILCO BUILDING

MIDLAND, TEXAS

December 20, 1965

3
GENERAL OFFICES
1700 BROADWAY
DENVER 2, COLORADO

100-307
DIVISION OFFICE
1200 CONTINENTAL NATIONAL
BANK BUILDING
FORT WORTH 2, TEXAS
8-73-66

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.
Secretary Director

In re: Application to Commingle
Production on Midwest Oil
Corporation's State "D" Lease
Nonombre Pool, Lea County, New Mex.

Gentlemen:

Midwest Oil Corporation respectfully requests administrative approval for an exception to Rule 303 (a) to permit the commingling of production from the Nonombre Upper Pennsylvanian Pool and the Nonombre Lower Pennsylvanian Pool on its State "D" Lease, which consists of the north half of Section 32, Township 13 South, Range 34 East, Lea County, New Mexico.

In support of this request, the following information is presented for your consideration:

1. Ownership from both zones is identical.
2. The commercial value of the commingled production will be greater than the sum of the values of the production from each of the separate zones.
3. The commingling facilities will utilize the subtraction method and will be in accordance with the applicable provisions of the Commission "Manual for the Installation and Operation of Commingling Facilities."
4. Approval of the proposed installation has been requested from the Commissioner of Public Lands for the State of New Mexico.
5. At the present there are two producing wells on this lease, the State "D" No. 1, which is an Upper Pennsylvanian completion and the State "D" No. 2 which is a Lower Pennsylvanian completion.

New Mexico Oil Conservation Commission
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Attached to this application is a copy of our request, to the Commissioner of Public Lands, for permission to commingle, a plat of the subject lease, a schematic diagram of the proposed commingling installation and information concerning the production, gravity and value of the oil of the separate and commingled zones.

In view of these facts, Midwest Oil Corporation requests the approval of this application in order to provide for the most efficient and economical operation of this lease.

Respectfully yours,

MIDWEST OIL CORPORATION

A handwritten signature in dark ink, appearing to read "B. D. Baker". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

B. D. Baker
Engineer

BDB/raj

Encl - 4

cc: New Mexico Oil Conservation Commission
Hobbs, New Mexico

MIDWEST OIL CORPORATION

1500 WILCO BUILDING

MIDLAND, TEXAS

December 20, 1965

GENERAL OFFICES
1700 BROADWAY
DENVER 2, COLORADO

DIVISION OFFICE
1200 CONTINENTAL NATIONAL
BANK BUILDING
FORT WORTH 2, TEXAS

Commissioner of Public Lands
P. O. Box 791
Santa Fe, New Mexico

Attention: Mr. Ted Bilberry

Gentlemen:

In re: Commingling of Production
State Lease OG-5343
Lea County, New Mexico

Midwest Oil Corporation requests your approval of the commingling of production from two separate zones on our State of New Mexico "D" Lease located in the north half of Section 32, Township 13 South, Range 34 East, Lea County, New Mexico.

At the present time, there are two wells on this lease; No. 1 an Upper Pennsylvanian oil well and No. 2, a Lower Pennsylvanian oil well. It is proposed that these two wells be allowed to produce into a common tank battery as shown on the attached schematic diagram. Allocation of production will be by the subtraction method, with one zone metered and will be in accordance with the applicable provisions of the New Mexico Oil Conservation Commission Manual for the Installation and Operation of Commingling Facilities.

Respectfully yours,

MIDWEST OIL CORPORATION



B. D. Baker
Engineer

BDB/raj

cc: New Mexico Oil Conservation Commission
Santa Fe, New Mexico
Hobbs, New Mexico

PRODUCTION DATA

MIDWEST OIL CORPORATION
STATE "D" LEASE
LEA COUNTY, NEW MEXICO

NONOMBRE UPPER PENN POOL

Number of wells	1
Gravity of oil	43 deg. API
Price of oil	\$2.86/bbl.
Daily production	307 bbl.
Daily revenue	878.02

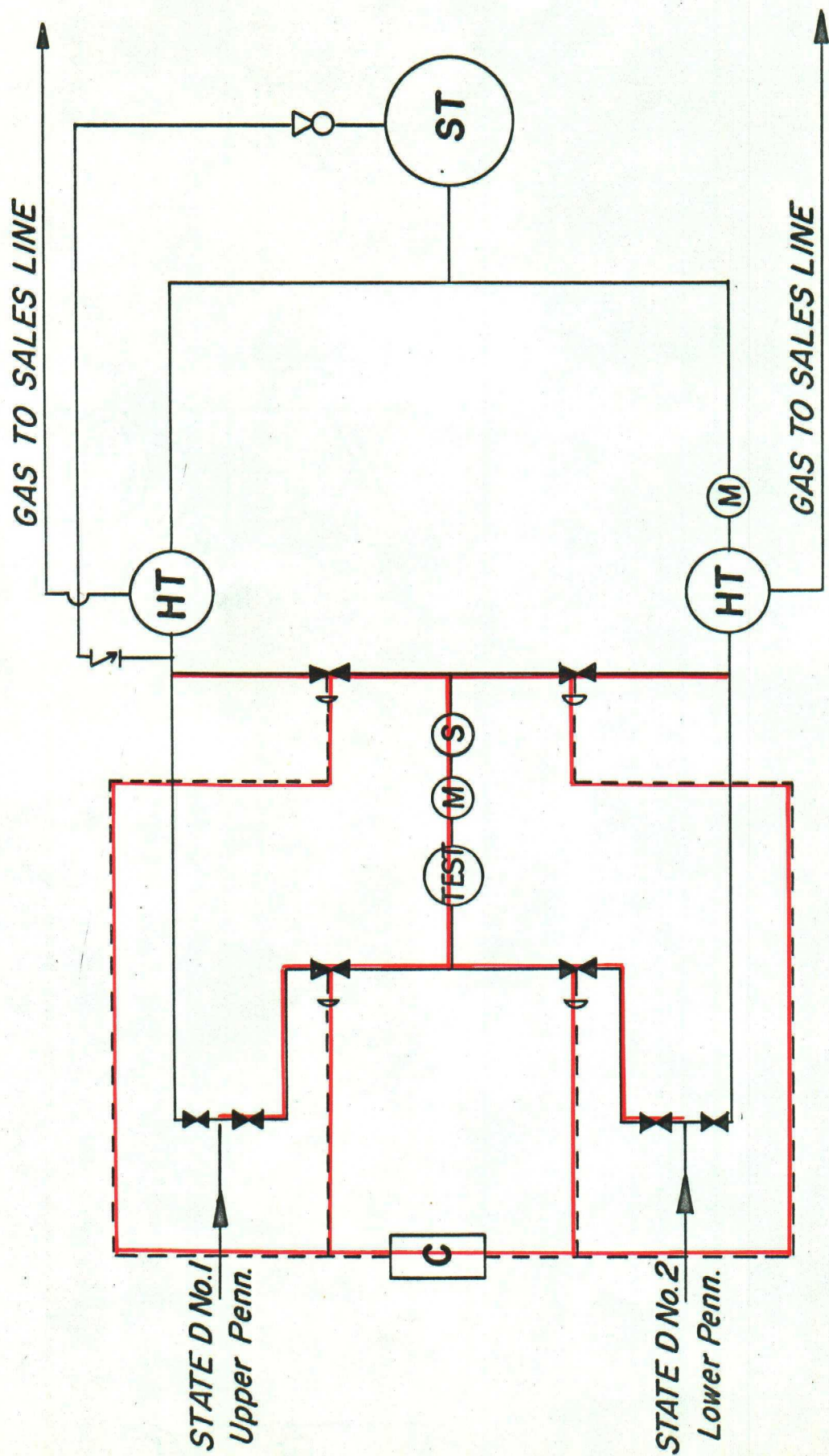
NONOMBRE LOWER PENN POOL

Number of wells	1
Gravity of oil	37 deg. API.
Price of oil	\$2.80/bbl.
Daily production	307
Daily revenue	859.60

COMMINGLED PRODUCTION

Number of wells	2
Gravity of oil	40 deg. API
Price of oil	2.86/bbl.
Daily production	614
Daily revenue	\$1756.04

The actual value of the commingled production will be greater than the sum of the value of the production from the individual pools.



Test facilities, shown in red, are not proposed at the present time, but will be installed if an additional well is drilled on this lease.

MIDWEST OIL CORPORATION
PROPOSED COMMINGLING INSTALLATION
 STATE "D" LEASE
 LEA COUNTY, NEW MEXICO

August 23, 1966

Midwest Oil Corporation
1500 Wilco Building
Midland, Texas 79704

RE: Commingling of Production
State Lease OG-5343
Lea County, New Mexico

Attention: Mr. B. D. Baker

Gentlemen:

In reference to your application to commingle Nonombre Upper Penn production with Nonombre Lower Penn production from your Number 1 and Number 2 Well on your State of New Mexico State "D" Lease located in the N/2 of Section 32, Township 13 South, Range 34 East, Lea County, New Mexico.

Please be advised that the Commissioner of Public Lands has no objection to your proposed commingling of the production described above. In the event that you should alter your facilities or there should be a change in the volume or gravity, we request that you advise us of such change so that we may have the opportunity to review this arrangement.

The Commissioner of Public Lands reserves the right to review operations in regard to the economic aspects as they apply to the State of New Mexico.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:

TED BILBERRY, DIRECTOR
Oil and Gas Department

THEORY

The first part of the theory is the definition of the function $f(x)$ and the function $g(x)$.

The second part of the theory is the definition of the function $h(x)$ and the function $k(x)$.

The third part of the theory is the definition of the function $m(x)$ and the function $n(x)$.

The fourth part of the theory is the definition of the function $p(x)$ and the function $q(x)$.

The fifth part of the theory is the definition of the function $r(x)$ and the function $s(x)$. The sixth part of the theory is the definition of the function $t(x)$ and the function $u(x)$. The seventh part of the theory is the definition of the function $v(x)$ and the function $w(x)$. The eighth part of the theory is the definition of the function $x(x)$ and the function $y(x)$.

The ninth part of the theory is the definition of the function $z(x)$ and the function $a(x)$. The tenth part of the theory is the definition of the function $b(x)$ and the function $c(x)$. The eleventh part of the theory is the definition of the function $d(x)$ and the function $e(x)$. The twelfth part of the theory is the definition of the function $f(x)$ and the function $g(x)$.

The thirteenth part of the theory is the definition of the function $h(x)$ and the function $i(x)$. The fourteenth part of the theory is the definition of the function $j(x)$ and the function $k(x)$. The fifteenth part of the theory is the definition of the function $l(x)$ and the function $m(x)$.

The sixteenth part of the theory is the definition of the function $n(x)$ and the function $o(x)$.

The seventeenth part of the theory is the definition of the function $p(x)$ and the function $q(x)$. The eighteenth part of the theory is the definition of the function $r(x)$ and the function $s(x)$.

The nineteenth part of the theory is the definition of the function $t(x)$ and the function $u(x)$.

The twentieth part of the theory is the definition of the function $v(x)$ and the function $w(x)$.

GBH:TB:EB:ys

cc: Oil Conservation Commission
Post Office Box 1980
Santa Fe, New Mexico