



## Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.

P. O. Box 2406,  
Hobbs, New Mexico

December 28, 1961

PC 56  
State approval  
in 20 days  
OK  
Chen

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

Gentlemen:

Application is herewith submitted for permission to commingle the Yates and San Andres crude oils on Socony Mobil Oil Company, Inc.'s, State "MM" Lease in the Vacuum Field. The lease is located in the NW/4 of Section 34, Township 17 South, Range 35 East, Lea County, New Mexico. Authorization for commingling is asked for under Rule 303.

The following exhibits are attached:

- Exhibit I - Plat of the lease and well location.
- Exhibit II - A schematic diagram of the proposed commingling installation.
- Exhibit III - Detailed data concerning gravities, volumes and value of the crude oils.

A copy of this application has been submitted to the State Land Office as the royalty owner.

Yours very truly,

C. H. Samples  
Producing Superintendent

JEBhannon, Jr./lk  
attachments (3)

cc: State Land Office

R35E

Socony Mobil



State M

34

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17  
S

## LEGEND



Yates Production Well



San Andres Production Well

Exhibit I

NO.	DATE	BY	ALTERATION
Vacuum Yates & Vacuum San Andres Fields			
COMMINGLING PLAT			
Lea Co.,		New Mexico	
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN F.D.B.		DWG. NO.	
CHECKED J.E.A.		A-139-D&P	
SCALE 1"=1000'		DATE 12-28-61	



## **Mobil Oil Company**

A Division of Socony Mobil Oil Company, Inc.

P. O. Box 2406  
Hobbs, New Mexico

January 3, 1961

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

Gentlemen:

Enclosed please find in triplicate the corrected schematic diagram for the proposed commingling of the Yates and San Andres crudes on Mobil Oil Company's State "M" Lease in the Vacuum and Vacuum Yates Field.

Yours very truly,

*J. E. Bohannon, Jr.*  
J. E. Bohannon, Jr.  
Jr. Production Engineer

JEB/vh

Attachments

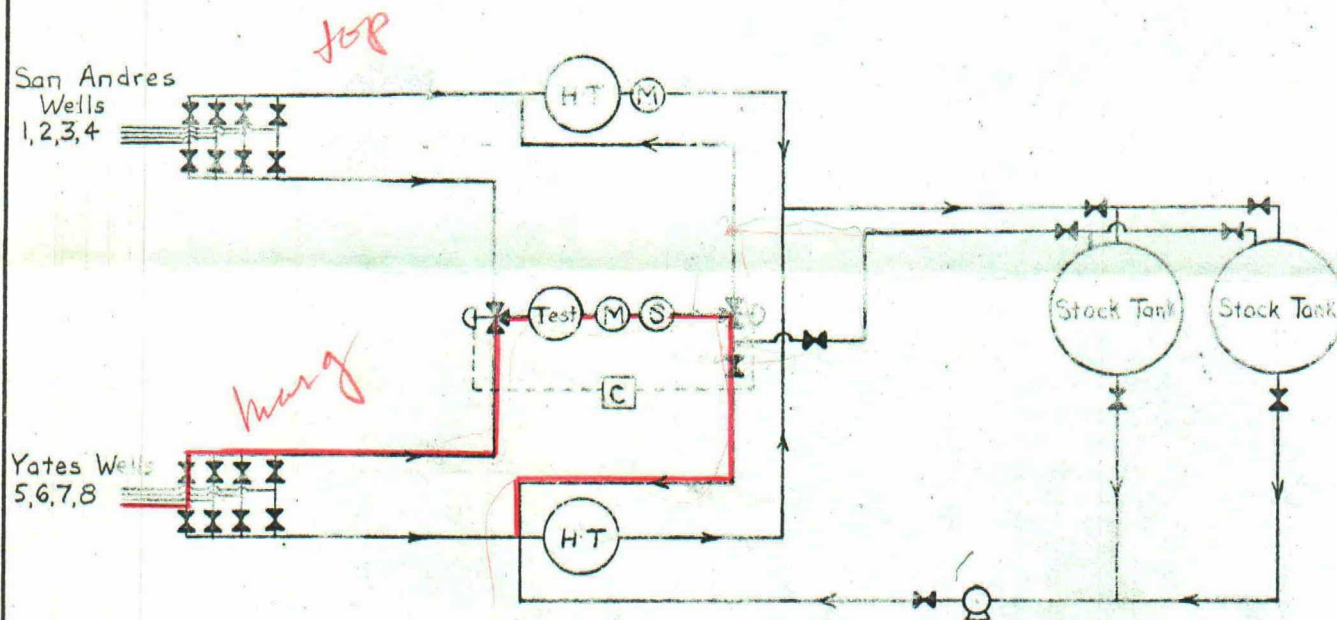
EXHIBIT III  
 COMMINGLED FLUID PRODUCTION  
 SOCONY MOBIL OIL COMPANY, INC.  
 STATE "M" LEASE  
 NW/4 SECTION 34, T-17S, R-35E  
 LEA COUNTY, NEW MEXICO

Pool	API Gravity	Monthly Production	Unit Value	Total Value
Vacuum San Andres	37.8	4263 Top Allowable	\$ 2.86	\$12,192.18
Vacuum Yates	34.5	From this zone 706	\$ 2.77	1,195.62
Lease Total		4969		\$14,147.80
Vacuum Commingled	37.3	4969	\$2.86	\$14,211.34

The actual commercial value of the commingled crude oil will be  
 \$63.54 more than the two separate zones.

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## EXHIBIT II

SYMBOLS

- Pump
- Meter
- Sampler
- Test Separator
- Block Valve
- 3 Way Valve
- Heater Treater
- Control Panel

Indicates Yates Well Production while on test

NO.	DATE	BY	ALTERATION
PROPOSED COMMINGLING INSTALLATION			
STATE 'M' LEASE			
VACUUM & VACUUM YATES FIELDS			
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN J.E.B.	SCALE		DWG. NO.
CHECKED J.M.M.	DATE 12-27-61		A