



Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.

P. O. Box 2406
Hobbs, New Mexico

November 2, 1961

PC 48
JES

OK

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

Gentlemen:

Denton
Devonian
Wolfcamp

Application is herewith submitted for permission to commingle the Devonian and Wolfcamp crude oils on Socony Mobil Oil Company's J. C. Maxwell Lease in Denton and Denton Wolfcamp fields. The lease is located in the E/2 of the NE/4 and the E/2 of the SE/4 of Section 27, T14S, R37E, Lea County, New Mexico. Authorization for commingling is asked for under NMOCC Rule 303 (b) and Section II, Subsection I of the NMOCC Manual for the Installation and Operation of Commingling Facilities, which allows commingling of marginal zones by periodic testing.

W/O

The following exhibits are attached:

- Exhibit I - Plat showing location of all wells.
- Exhibit IIA - Detailed data concerning gravities, volumes, and value of the crude oils.
- Exhibit III - A schematic diagram of the proposed commingling installation.
- Exhibit IV - A tabulation of the average daily production of all wells for August and September, 1961.

There are no State or Federal royalty or mineral interests involved in this application.

Yours very truly,

C. H. Samples

C. H. Samples
Producing Superintendent

JMMcGee/vh

Attachments: 4

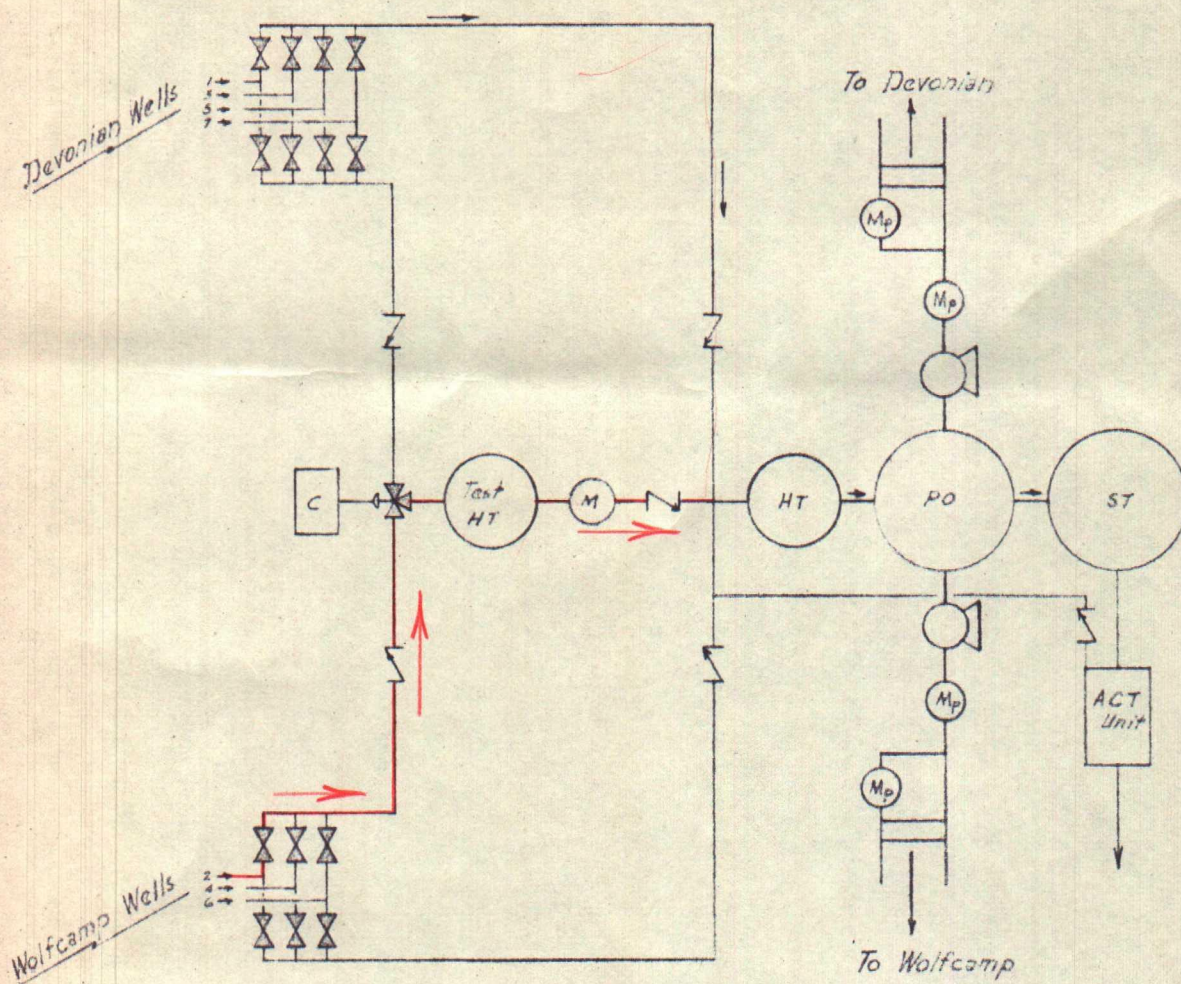
cc:
NMOCC (2)
Magnolia Pipeline Company

EXHIBIT IIA

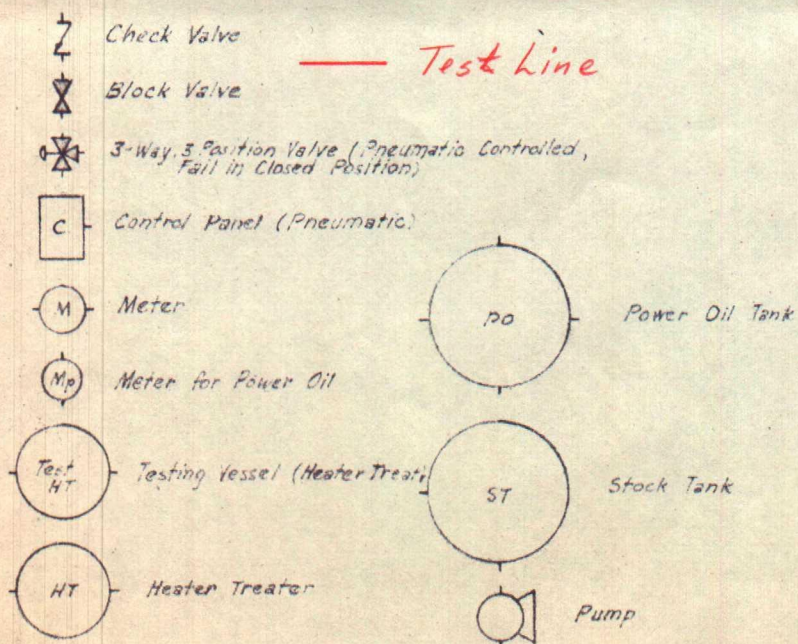
Commingled Fluid Production
 Socony Mobil Oil Company, Inc.
 J. C. Maxwell Lease
 E/2 E/2 Section 27, T14S, R37E
Lea County, New Mexico

<u>Pool</u>	<u>API</u> <u>Gravity</u>	<u>Typical</u> <u>Monthly</u> <u>Production</u>	<u>Unit Value</u>	<u>Total Value</u>
Maxwell Devonian	43.5	3,396	3.01	10,221.96
Maxwell Wolfcamp	42.9	<u>1,731</u>	3.01	<u>5,210.31</u>
	LEASE TOTAL	5,127		15,432.27
Maxwell Commingled	43.2	5,127	3.01	15,432.27

The value of the commingled product will be the same as the two separate crude oil values.
All wells on this lease are marginal.



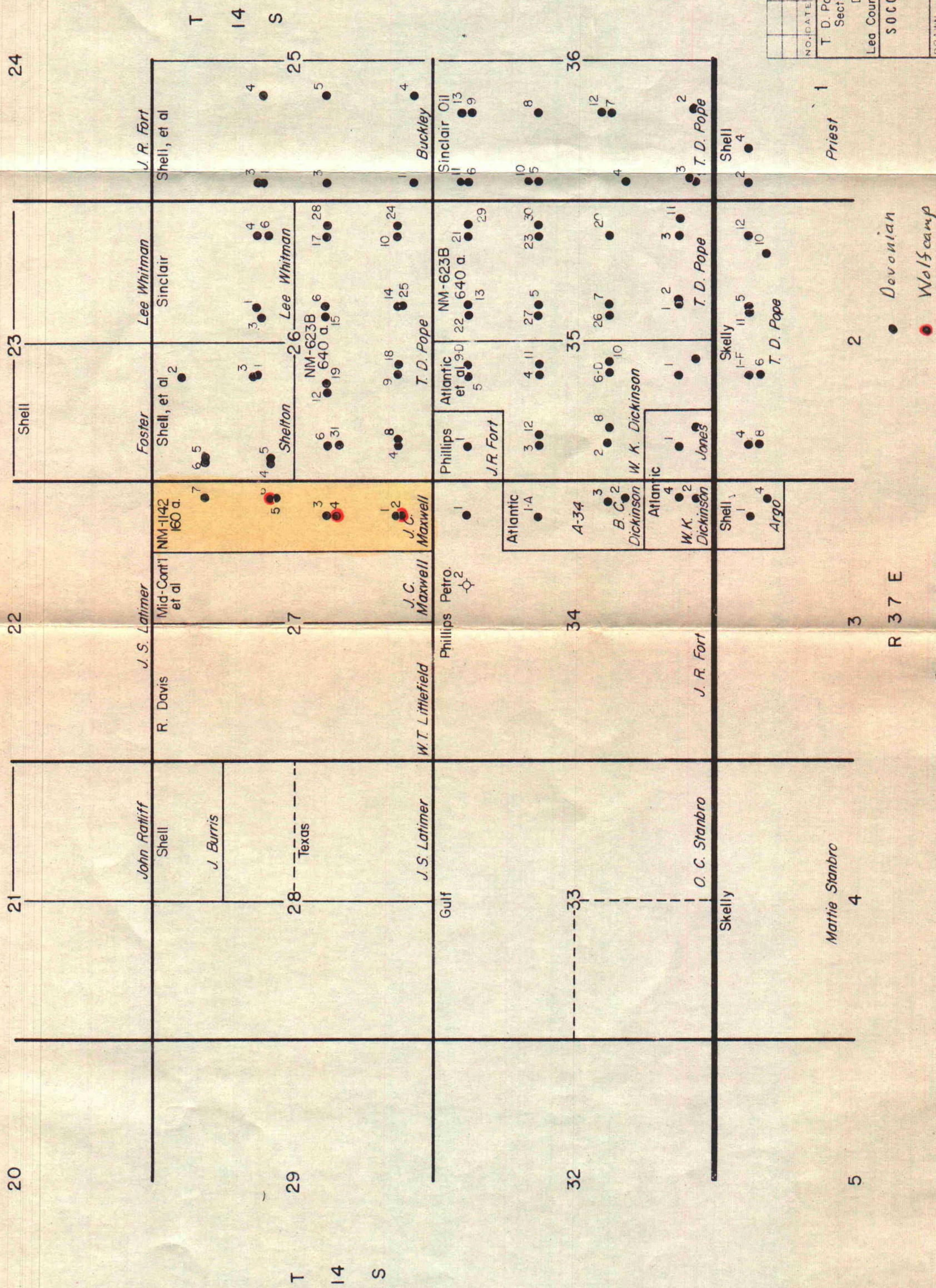
LEGEND



NO.	DATE	BY	ALTERATION
Proposed Satellite Commingling Facilities J. C. Maxwell Lease Denton Field Lea Co., New Mexico			
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN FDB	SCALE None		DWG. NO.
CHECKED JMM	DATE 3-28-61		A-136-DIP

AVERAGE DAILY PRODUCTION TABULATION
 SOCONY MOBIL OIL COMPANY, INC.
 J. C. MAXWELL LEASE
 LEA COUNTY, NEW MEXICO

Pool	Well Number	Average Daily Prod. Bbls. August and September, 1961
Denton	1	15
Top Allowable	3	11
193 BOPD	5 Shut In	0
	7	<u>46</u>
Total		72
 Denton	 2	 26
Top Allowable	4	16
129 BOPD	6	<u>7</u>
Total		49

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