



Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.
P. O. BOX 1800, HOBBS, NEW MEXICO 88240

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July 23, 1965

Amendment 18-100

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

Gentlemen:

Application is herewith submitted for permission to commingle the crude oil production from the Upper Penn zone on Socony Mobil's State Bridges Lease in the Vacuum Field area, Lea County, New Mexico, with production from those zones (Abo, Blinbry, Devonian, Glorieta, Lower Penn, and Wolfcamp) which are presently commingled on this lease. Authority to commingle the six zones shown above was given by your office in Amendment to Administrative Order PC-100 dated August 6, 1963. The Lower Penn zone mentioned above reads, "Penn" in the amended Order PC-100. Any future amendment to this order should call this zone "Lower Penn" to distinguish it from the Upper Penn zone.

The following exhibits are attached:

- Exhibit I Location plat showing area involved.
- Exhibit II A schematic diagram of the proposed commingling installation.
- Exhibit III Detailed data concerning gravity, volumes, and value of the crude oils.

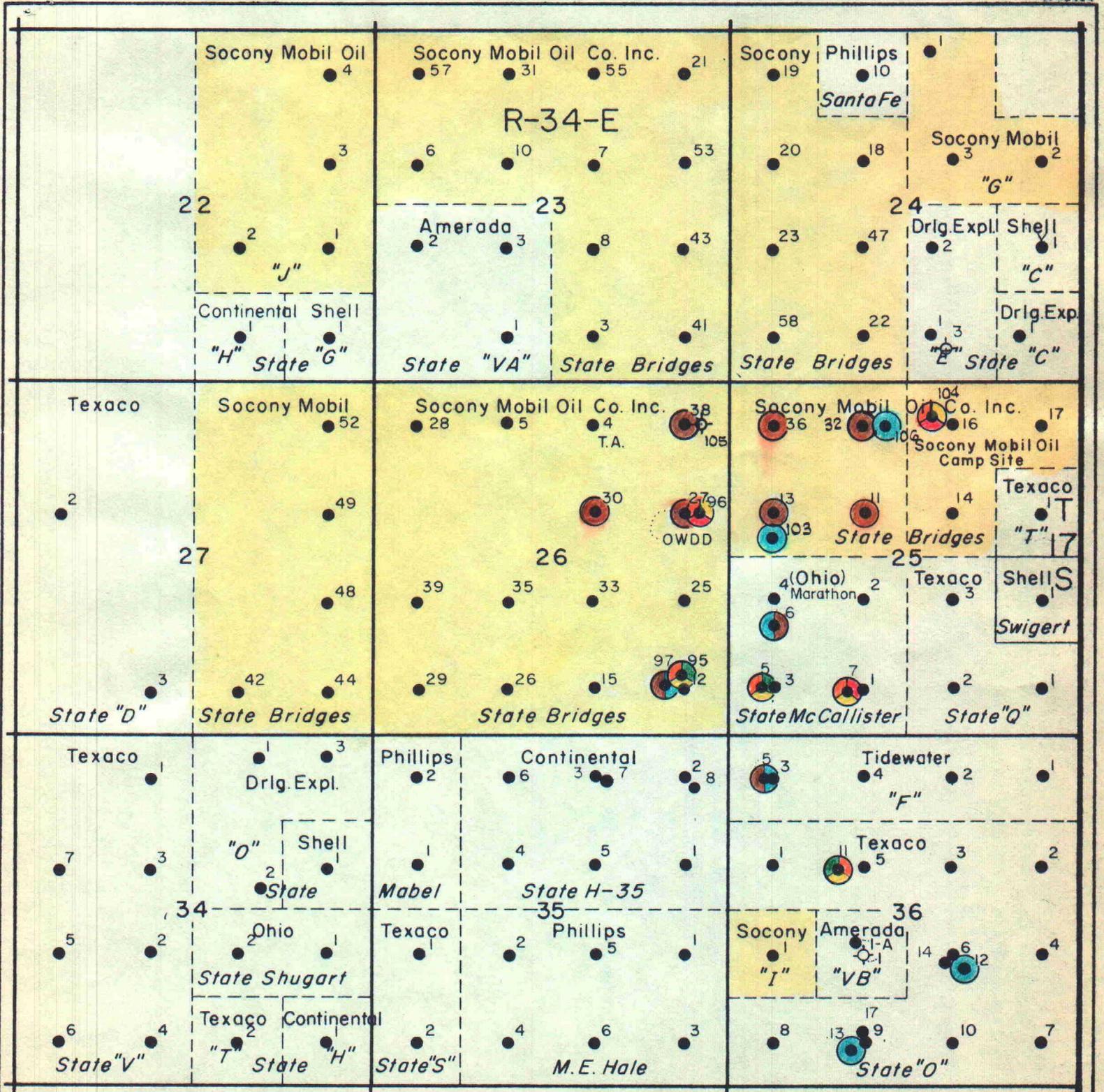
A copy of this application has been furnished to the State Land Office, the royalty owner.

Yours very truly,

Glen W. Barb
Glen W. Barb
Producing Superintendent

EBchannon/nrh
Attachments
Exhibits I, II & III

cc:
State Land Office

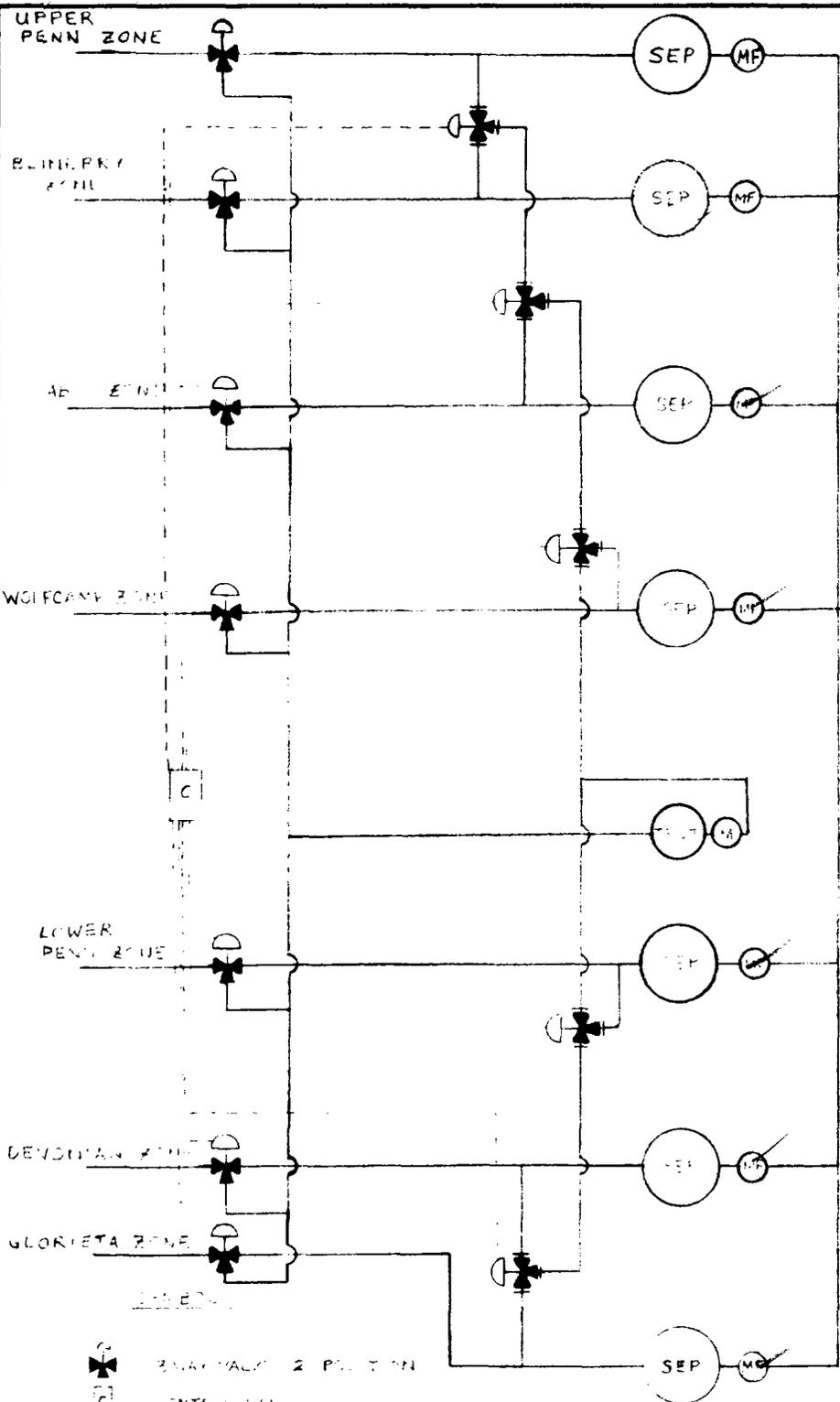


- LEGEND -

- - Vacuum (Grayburg - San Andres) Producers
- - Vacuum Blinbery Producers
- - Vacuum Glorieta Producers
- - Vacuum Abo-North Producers
- - Vacuum Wolfcamp Producers
- - Vacuum Penn Producers
- - Vacuum Devonian Producers

Exhibit I

STATE BRIDGES COMMINGLING PLAT			
Lea County,		New Mexico	
SOCONY MOBIL OIL COMPANY, INC. Hobbs Producing District			
DRAWN	F.D.B.	SCALE	1" = 2000'
CHECKED	J.E.B.	DATE	7-8-63
Revised	7-23-65	DWG. NO. A-174-D&P	



ILLEGIBLE

- 3-WAY VALVE 2 POSITION
- CONTROL PANEL
- METER
- TEST VALVE (FOR RETREATMENT OF SEPARATOR)
- HEATER TREATMENT
- STORAGE TANK
- PUMP
- SEPARATOR
- METERING DEVICES
- 3-WAY VALVE 3 POSITION

EXHIBIT II

NO.	DATE	BY	ALTERATION
SCHEMATIC DIAGRAM STATE BRIDGES - PROPOSED INSTALLATION LEA COUNTY, NEW MEXICO			
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN J.E.B.		DWG. NO.	
CHECKED J.M.M.		SCALE	
		DATE 7/22/65	
		A-175-080	

EXHIBIT III
 COMMINGLED FLUID PRODUCTION
 SOCONY MOBIL OIL COMPANY, INC.
 STATE BRIDGES LEASE
 VACUUM FIELD AREA
LEA COUNTY, NEW MEXICO

<u>Pool</u>	<u>API Gravity</u>	<u>Monthly Production</u>	<u>Unit Value</u>	<u>Total Value</u>
Vacuum Presently Commingled	38.5°	21,421	\$ 2.97	\$ 63,620.37
Vacuum Upper Penn	41.4°	<u>7,410 (est.)</u>	3.01	<u>22,304.10</u>
		28,831		\$ 85,924.47
Above Production Commingled	39.2°	28,831	\$ 2.99	\$ 86,204.69

The actual commercial value of the commingled crude oil will be \$280.22 more per month than if the Upper Penn zone is produced into a battery by itself.

JEBohannon, Jr :nrh
 7-22-65