



Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.

P. O. BOX 2406, HOBBS, NEW MEXICO

September 27, 1962

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 Abo, Wolfcamp, Penn, and Devonian zones on Socony Mobil's State Bridges Well No. 95 in the Vacuum Field Area, Lea County, New Mexico. Authorization for commingling is asked for under Rule 303. This well is being completed and a quadruple completion is anticipated.

The following exhibits are attached:

Exhibit I - Location Plat

Exhibit II - A schematic diagram of the proposed commingling installation.

Exhibit III - Detailed data concerning gravity volumes, and value of the crude oils.

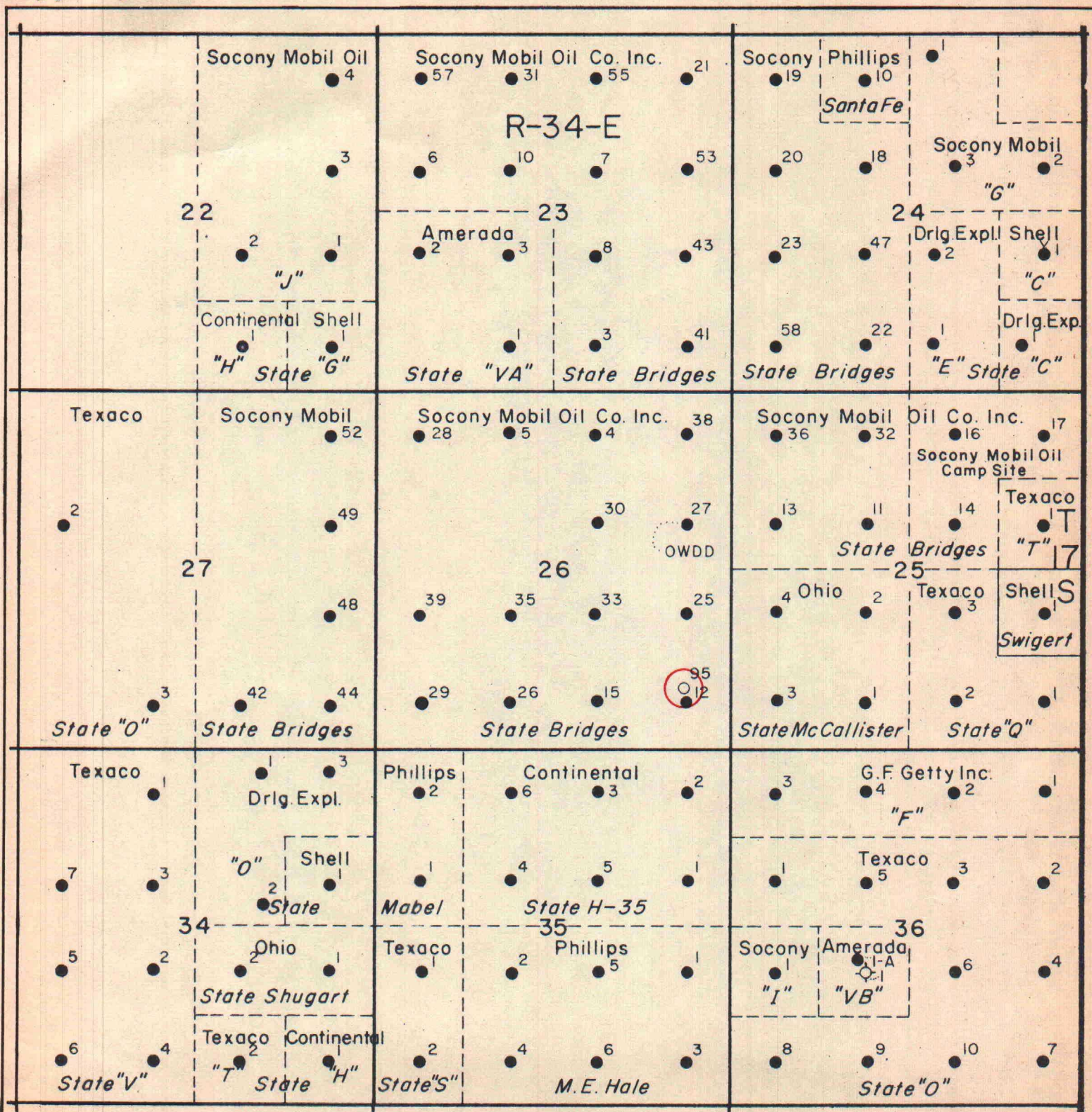
A copy of this application has been submitted to the State Land Office, the royalty owner.

Yours very truly,

Glen W. Barb
Producing Superintendent

JEBohannon/jlh
Attachments

cc:
State Land Office

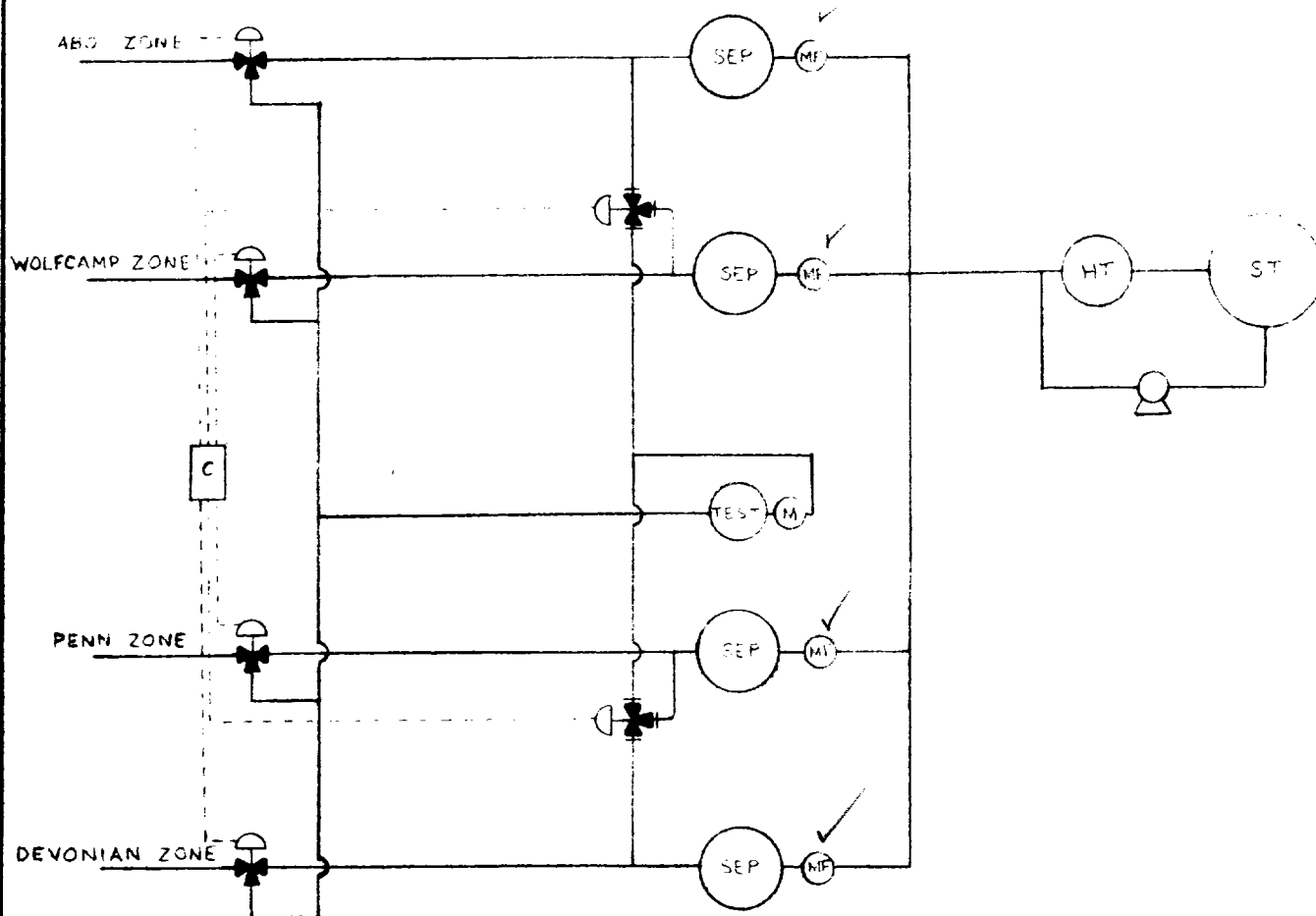


— EXHIBIT I —

LEGEND

- Vacuum (Grayburg-San Andres) Producers.
- ⁹⁵ Proposed Abo, Wolfcamp, Penn And Devonian Completion.

NO.	DATE	BY	ALTERATION
State Bridges Well No. 95 COMMINGLING PLAT Lea County, New Mexico			
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN	C.T.A.	SCALE 1"=2000'	DWG. NO.
CHECKED	J.E.B.	DATE 9-26-62	A-157-D&P



SYMBOLS

- 3WAY VALVE 2 POSITION
- CONTROL PANEL
- TEST METER
- TESTING VESSEL (HEATER-TREATER OR SEPARATOR)
- HEATER TREATER
- STOCK TANK
- PUMP
- SEPARATOR
- METERING FACILITIES
- 3WAY VALVE 3 POSITION

EXHIBIT II

NO.	DATE	BY	ALTERATION
SCHEMATIC DIAGRAM STATE BRIDGES #95 PROPOSED INSTALLATION LEA COUNTY, NEW MEXICO			
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN J.E.B.		DWG. NO.	
CHECKED J.E.M.		SCALE	
		DATE 9/26/62	
		A	

EXHIBIT III
 Commingled Fluid Production
 Socony Mobil Oil Company, Inc.
 State Bridges Well No. 95
 Unit P, Sec. 26, T-17S, R-37E
 Lea County, New Mexico

<u>Pool</u>	<u>API Gravity</u>	<u>Monthly Production</u>	<u>Unit Value</u>	<u>Total Value</u>
Vacuum Abo	36.7 (est)	3840	\$2.93	\$11,251.20
Vacuum Wolfcamp	42.1 (est)	3840	\$3.01	\$11,558.40
Vacuum Penn	47.5	5790	\$2.95	\$17,080.50
Vacuum Devonian	<u>49.1</u>	<u>6900</u>	<u>\$2.91</u>	<u>\$20,079.00</u>
		20370		\$59,969.10
Vacuum Commingled	44.9	20370	\$3.01	\$61,313.70

The actual commercial value of the commingled crude
 oil will be \$1344.60 more per month than the four separate zones.

NOTE: Most of the above information is assumed since the well is presently being completed. Monthly Production
 is assumed to be top allowable for each zone.

O.C.C.

ILLEGIBLE

October 1, 1962

Mobil Oil Company
a Division of Secony Mobil Oil Company, Inc.
P. O. Box 2406
Hobbs, New Mexico

Attn: Glen W. Barb, Producing Superintendent

Gentlemen:

We have no objection to your proposal to commingle the crude oil production from the Abo, Wolfcamp, Penn, and Devonian zones on their State Bridges Well No. 95, Lea County, New Mexico, provided commingling does not lessen the State's royalty. This well is located on lands belonging to the Common Schools of New Mexico.

We wish to thank you for your plat and diagram submitted in connection with the proposed operation.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

By:
TED BILBERRY, Supervisor
Oil and Gas Department

EW/TB/pb



Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.
P. O. BOX 2406, HOBBS, NEW MEXICO

September 27, 1962

New Mexico State Land Office
P. O. Box 791
Santa Fe, New Mexico

Gentlemen:

This letter is to inform you of the intention of Socony Mobil Oil Company, Inc., to file for administrative approval to commingle the crude oil production from the Abo, Wolfcamp, Penn, and Devonian zones on their State Bridges Well No. 95, Lea County, New Mexico.

Attached is a copy of the application to the New Mexico Oil Conservation Commission, which is being mailed concurrently with this letter.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Glen W. Barb".

Glen W. Barb
Producing Superintendent

JEBohannon/jlh
Attachment



Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.
O. BOX 900, DALLAS 21, TEXAS

ILLEGIBLE

May 7, 1962

State of New Mexico
Commissioner of Public Lands
P. O. Box 791
Santa Fe, New Mexico
Att: Ted Bilberry

6.20 - WPK - 988822
STATE BRIDGES LEASE
LEA COUNTY, NEW MEXICO
YOUR LEASE B-1520

This will acknowledge your letter of April 27 with reference to the payment of Royalty under the subject lease.

Our records indicate that since the date of first run from this lease, payment for the entire 1/8 Royalty has been directed to the Commissioner of Public Lands. We have in our file Division Orders executed by the Commissioner of Public Lands which provide for payment in this manner. We have no information as to an interest of the Military Institute and Common Schools.

If additional information is desired please advise.

Yours very truly,

WPKanelos/tw

J. A. Cunningham
J. A. Cunningham, Supervisor
Crude Oil and Gas Liquids
Accounting Section *WPK*

COMMITTEE RULES

FORNARDY M. L. H. 10/1/62

Recd - Vacuum Drilling Co. 5/11/62



Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.
P. O. BOX 2406, HOBBS, NEW MEXICO

October 11, 1962

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 Yeso, Abo, Wolfcamp, Penn, and Devonian zones on Socony Mobil's State Bridges lease in the Vacuum Field area, Lea County, New Mexico. The location of the State Bridges lease is as follows: Lot 2 and SW/4 NE/4 and SE/4 Section 3, and NE/4 Section 10, and S/2 Section 11, and E/2 and SW/4 Section 12, and W/2 and NE/4 Section 13, all of Section 14, E/2 Section 15, N/2 and SE/4 Section 23, W/2 NW/4 and SE/4 NW/4 and SW/4 Section 24, NW/4 and N/2 NE/4 and SW/4 NE/4 Section 25, all of Section 26, and E/2 Section 27, all in T-17-S, R-34-E, and E/2 Section 25 and E/2 Section 34, T-16-S, R-34-E. Authorization for commingling is asked for under Rule 303. The proposed zones for commingling are presently being developed in Section 26, T-17-S, R-34-E.

The following exhibits are attached:

- Exhibit I - Location plat showing area presently 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 submitted to the State Land Office, the royalty owner.

Commingling of the Abo, Wolfcamp, Penn, and Devonian zones was recently authorized for our State Bridges Well No. 95 by your Administrative Order PC-100 dated October 4, 1962. The completion of our State Bridges Well No. 27-DD in the Yeso warrants this request of commingling five zones by separate measurement, and in order to save future paper work this application is made for the entire State Bridges lease.

Yours very truly,

Glen W. Barb
Producing Superintendent

JEBohannon, Jr./mc
Attachments

cc: State Land Office

*Amend
PC-100 to
include yeso*

*10/11/62
JEB
OK*

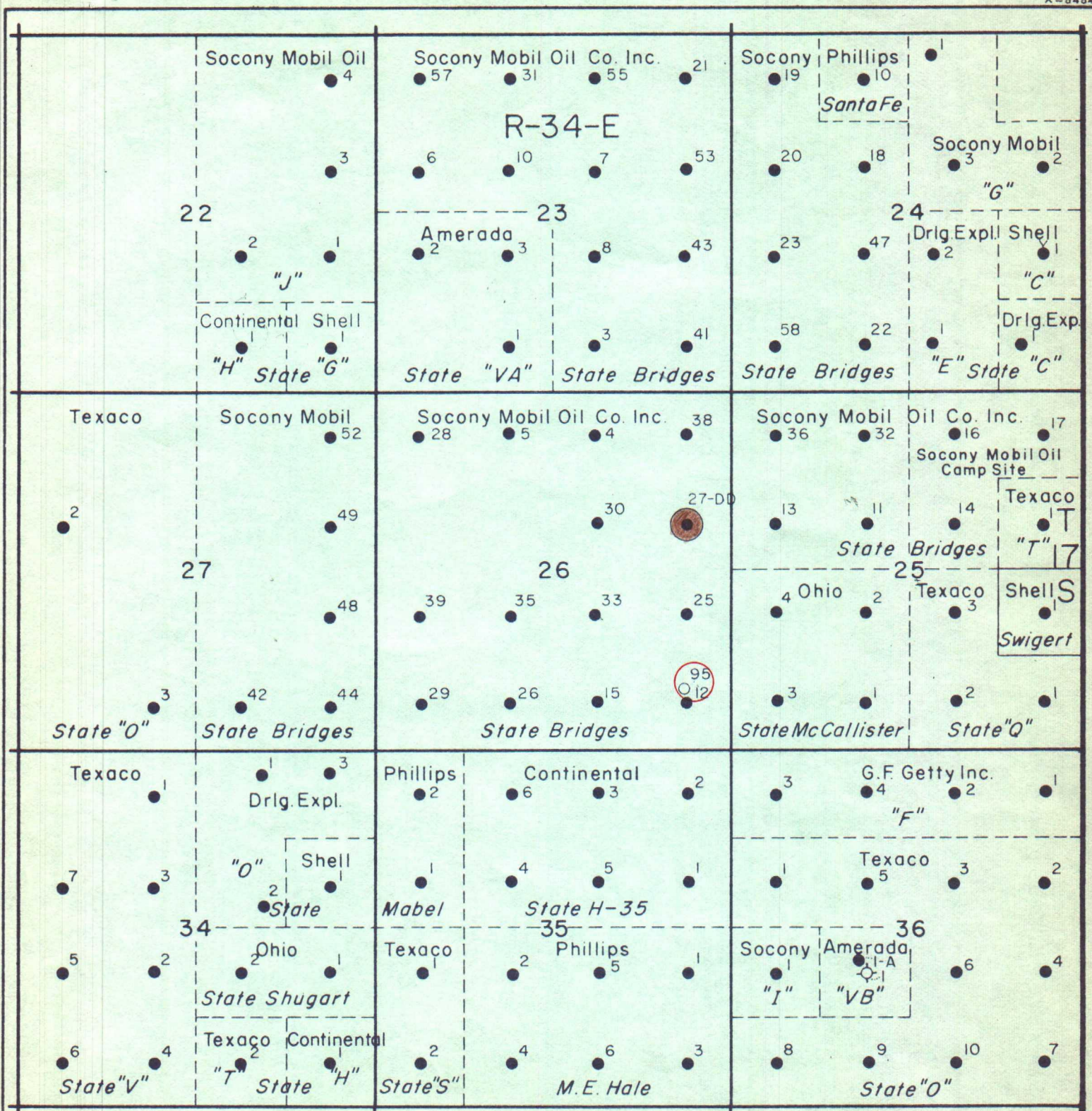


EXHIBIT I

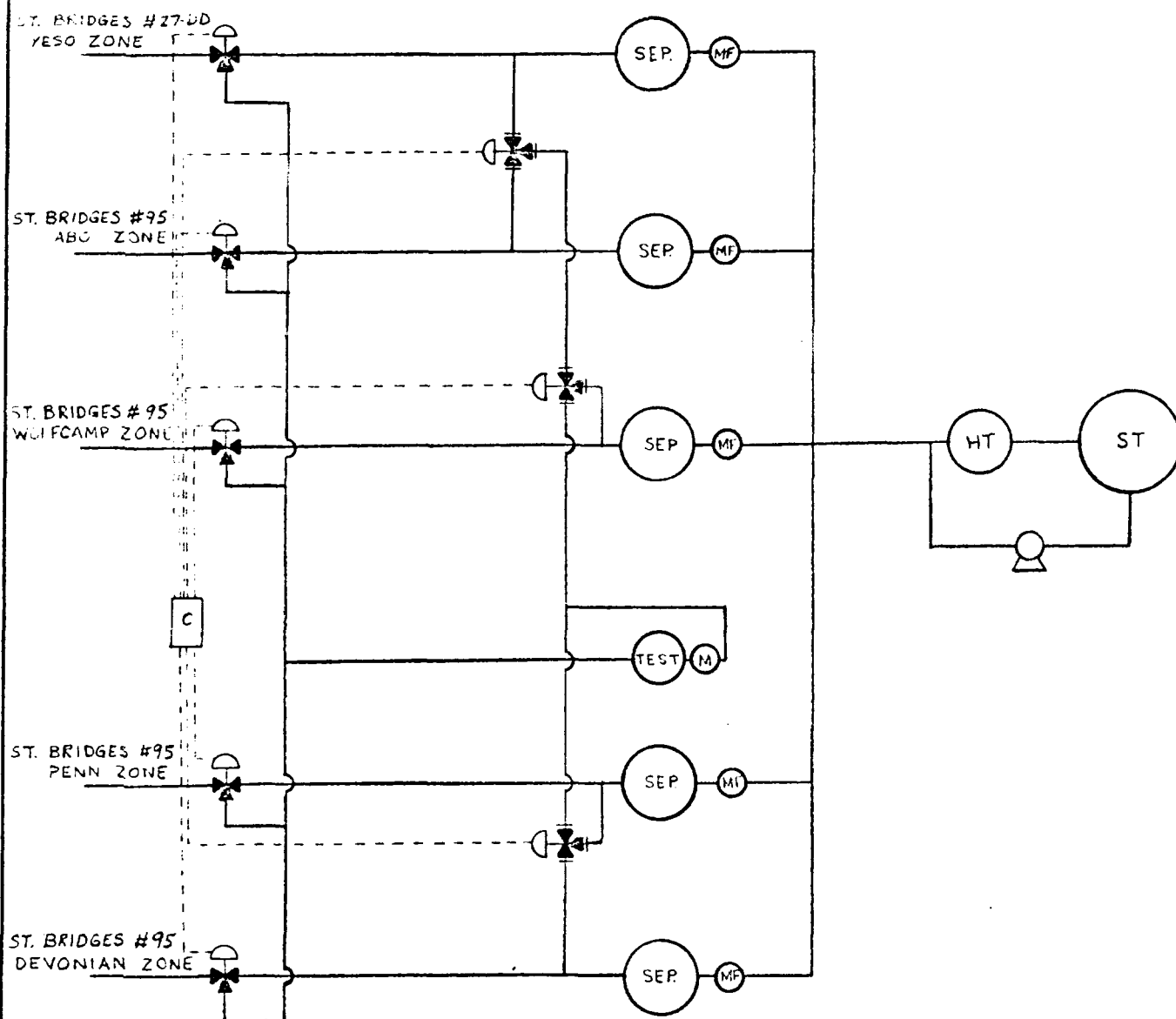
LEGEND

- Vacuum (Grayburg-San Andres) Producers
- Vacuum (Grayburg-San Andres) & Vacuum (Yeso) Dual Completion
- 95 Proposed Abo, Wolfcamp, Penn. & Devonian Completion

NOTE

State Bridges No. 27-DD Yeso Zone only to be commingled with State Bridges No. 95

NO.	DATE	BY	ALTERATION
STATE BRIDGES			
COMMINGLING PLAT			
Lea County,		New Mexico	
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN	CTA	DWG. NO.	
CHECKED	JEB	SCALE 1"=2000'	A-158-D&P-
		DATE 10-11-62	



SYMBOLS

- 3 WAY VALVE 2 POSITION
- CONTROL PANEL
- TEST METER
- TESTING VESSEL (HEATER-TREATER OR SEPARATOR)
- HEATER TREATER
- STOCK TANK
- PUMP
- SEPARATOR
- METERING FACILITIES
- 3 WAY VALVE 3 POSITION

EXHIBIT II

1	10/12/22	JEB	ADDED STATE BRIDGES #27-DD
NO.	DATE	BY	ALTERATION
SCHEMATIC DIAGRAM STATE BRIDGES - PROPOSED INSTALLATION LEA COUNTY, NEW MEXICO			
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN J.E.H.			DWG. NO.
CHECKED J.M.M. SCALE			

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 Abo	36.7 (est.)	3840	\$2.93	\$11,251.20
Vacuum Wolfcamp	41.2	3840	\$3.01	\$11,558.40
Vacuum Penn	47.8	5790	\$2.95	\$17,080.50
Vacuum Devonian	49.1	6900	\$2.91	\$20,079.00
Vacuum Yeso	<u>36.1</u>	<u>1859</u> <u>22229</u>	<u>\$2.93 (est.)</u>	<u>\$ 5,446.87</u> <u>\$65,415.97</u>
Vacuum Commingled	44.0	22229	\$3.01	\$66,909.29

The actual commercial value of the commingled crude oil will be \$1,493.32 more per month than the five separate zones.

NOTE: Most of the above information is assumed, since both wells are presently being completed. Monthly production is assumed to be top allowable for each zone. State Bridges #27-DD is to be a Grayburg-San Andres Yeso dual completion, but the Yeso is the only zone that is to be commingled.

November 19, 1962

C
O
P
Y

Mobil Oil Company
P.O. Box 2406
Hobbs, New Mexico

Attention: Mr. Glen W. Barb

Dear Mr. Barb:

You are hereby granted permission to commingle the crude oil production from the Yeso, Abo, Wolfcamp, Penn and Devonian zones on your State Bridges lease, Vacuum Field area, Lea County, New Mexico. This is in compliance with your request dated October 11, 1962.

We have only one problem involving this State lease and that is the fact that the acreage in Section 25, Township 17 South, Range 34 East, belongs to the New Mexico Military Institution and in case development is done and it becomes necessary to commingle the production from this acreage with other acreage in this lease, it will be necessary to account for the production separately.

Thanks for your cooperation in this matter.

Very truly yours,

E.S. JOHNNY WALKER
Commissioner of Public Lands

By:

Ted Bilberry, Supervisor
Oil & Gas Division

cc: Oil Conservation Commission
Oil & Gas Accounting Commission

ESW:TB:m