April 15, 1964

Mr. A. L. Porter, Jr., Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

> RE:  APPLICATION FOR COMMINGLING
> FACILITIES, TERRY BLINEBRY
> AND DRINKARD POOLS, STEPHENS
> ESTATE LEASE, LEA COUNTY,
> NEW MEXICO

Dear Mr. Porter:

Socony Mobil Oil Company, Inc. requests administrative approval of this application for commingling facilities for its Stephens Estate Lease, located in the SW/4, Section 24, T-21S, R-37E, Lea County, New Mexico.

The following attachments are provided in compliance with Rule 303 (b), providing for administrative approval of commingling two sources of supply:

1.  Commingling Summary - Stephens Estate Lease, showing tabulated values.

2.  Schematic Diagram of production facilities.

3.  Plat of Stephens Estate Lease.

As shown, the commingling of Terry Blinebry Pool and Drinkard Pool production on this lease will increase the calculated value of production from $8001/month to $8010/month. This is believed to be sufficient margin to provide for no loss of value in commingling.

This lease is presently commingling production from the Terry Blinebry Pool and Wantz Abo Pool under the provisions of Order R-1266, October 2, 1958. The recompletion of Stephens Estate No. 1 as a dual completion in the Terry Blinebry and Drinkard Formations, formerly Terry Blinebry-Wantz Abo dual, necessitates the cancelling of R-1266 and the new commingling requested herein.

Please advise if additional information is required.

Yours very truly,

Glen W. Barb
Producing Superintendent

JCGordon/nrh
Attachments (3)
cc:  A. L. Porter, Jr. - 2

## COMMINGLING SUMMARY
## STEPHENS ESTATE LEASE

| | Allowable | @ 60° F API Gr. | Sp.Gr. | Price/Bbl. | *Income/Month |
|---|---|---|---|---|---|
| Stephens Estate No. 1 (Blinebry) | 10 Bbl./D | 40.95 | 0.82 | 3.01 | 903 |
| Stephens Estate No. 2 (Blinebry) | 10 Bbl./D | 40.95 | 0.82 | 3.01 | 903 |
| Stephens Estate No. 1 (Drinkard) | 70 Bbl./D | 37.60 | 0.837 | 2.95 | $\dfrac{6195}{\$8001}$ |

$90 \times 30 = 2700$ Bbl/mon.

$$\text{Sp.Gr.} = \frac{(600)(0.82) + (2100)(0.837)}{2700} = 0.834$$

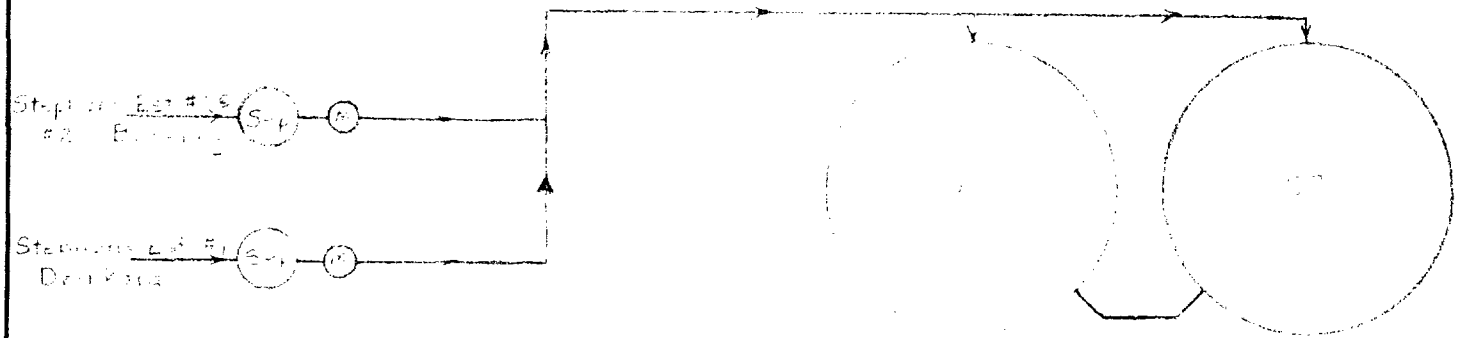$$\text{API} = \frac{141.5}{0.834} - 131.5 = 38.2° \qquad 2.97$$

$$\frac{(600)(3.01) + (2100)(2.95)}{2700} = 2.965 \qquad \$8010$$

*Based on allowables

Stephens Est. # 6
#2 Blinebry

Stephens Est. #1
Drinkard

Note:

Legend
M Meter
S Separator
S Stock Tank

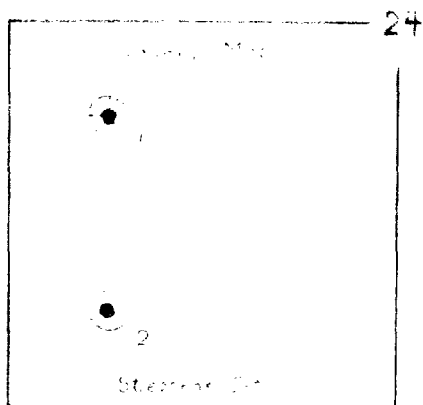| NO. | DATE | BY | ALTERATION |
|-----|------|-----|------------|
| | | | |
| | | | |
| | | | |

COMMINGLING PLAT
STEPHENS ESTATE LEASE
BLINEBRY & DRINKARD FIELDS

## SOCONY MOBIL OIL COMPANY, INC.

HOBBS PRODUCING DISTRICT

| DRAWN JEB | | DWG. NO. |
|-----------|-------------|----------|
| CHECKED | SCALE None | |
| | DATE | A |

T - 21 S

R - 37 E

24

1

2

Stephens Est.

Legend

Thru ...........

Commercial ...........

| NO. | DATE | BY | ALTERATION |
|-----|------|----|-----------|
|     |      |    |           |
|     |      |    |           |

STEPHENS ESTATE LEASE
PLAT FOR COMMINGLING

**SOCONY MOBIL OIL COMPANY, INC.**
Hobbs Producing District

| DRAWN CG | SCALE 1"= 1320' | DWG. NO. |
|----------|-----------------|----------|
| CHECKED  | DATE 4-15-64    | **A**    |