

Rec June 2, 1960



Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.

P. O. Box 2406
Hobbs, New Mexico

May 9, 1960

*PC - 10
(waiting period)*

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

Attn: Mr. A. L. Porter, Jr., Secretary

Dear Mr. Porter:

I hereby respectfully submit Socony Mobil Oil Company's request to commingle crude production on the C. Hardy Lease, located in the NW/4 Section 29, T-21S, R-37E, as authorized by the Oil Conservation Commission Rule 303 as amended by Order Number R-1597.

The following exhibits are attached:

- Exhibit I - Plat showing location of all wells on the lease and their respective fields.
- Exhibit II - A schematic diagram of the proposed commingling installation.
- Exhibit III - Detailed data concerning gravities, volumes produced from each pool, and the values thereof for the present and for the proposed commingled crudes.

A copy of this application has been submitted to all royalty owners for approval. Any other pertinent information will be furnished upon request.

Yours very truly,

SOCONY MOBIL OIL COMPANY, INC.

C. H. Samples
District Superintendent

JTB/nrh

R 37 E

J.W.Perry

Gulf

Getty Oil Co.

Hardy- Fed.

Hardy

Hardy

Texaco

Mobil Oil Co. 5/8
General Crude 1/8
R.R. Penn Est. 1/4

Sunray &
Mid Continent

2

6

3

T
21
S

5

4

1

Henderson

C. Hardy

D. Hardy

Gulf

Sinclair

29

Ohio

H.T.Mattern "B"

W. H. Turner

Hardy

EXHIBIT I

C. HARDY LEASE
SEC. 29, T21S, R37E
LEA CO., NEW MEXICO

MOBIL OIL CO.
A DIVISION OF SOCONY MOBIL OIL COMPANY INC.
HOBBS, NEW MEXICO



Paddock

Penrose - Skelly

Blinebry - Tubb

Drinkard

SURVEYED BY J. B.

DATE 4-19-60

DRWG. NO.

DRAWN BY G. E.

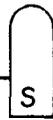
DATE 4-29-60

SCALE 1" = 500'

FIELD BOOK NO.

SOUR BATTERY

Well 6 U.T.
Paddock (Proposed)



Well No.1

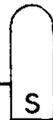
Well No.2

Well No.4 U.T. (Proposed)

Penrose Skelly



S.W.D.

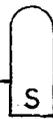


S.W.D.

Tanks

SWEET BATTERY

Well No.3
Blinebry-Tubb (Proposed)



Well No.4 L.T.

Well No.5

Well No.6 L.T.

Drinkard



S.W.D.



S.W.D.

Tanks

LEGEND



Separator or Heater Treater



Metering Device



Check Valve

EXHIBIT II

COMMINGLING INSTALLATION
C. HARDY LEASE
SEC29,T2IS,R37E
LEA CO.,NEW MEXICO

MOBIL OIL CO.

A DIVISION OF SOCONY MOBIL OIL COMPANY INC.
HOBBS, NEW MEXICO

SURVEYED BY J. B.	DATE 4-19-60	DRWG. NO.
DRAWN BY G. E.	DATE 4-29-60	
SCALE None	FIELD BOOK NO.	

EXHIBIT III

Commingled Fluid Production
 Socony Mobil Oil Company, Inc.
 C. Hardy Lease
 Lea County, New Mexico

Battery	Zone	Pipeline Company	API ^o Gravity	Daily Prod. Bbls.		Unit Value	Total Value
				Oil	Water		
Sour-wells No. 1, 2, 4UT, 6UT	Paddock	Shell	33.5	30	0	2.74	82.20
	Penrose	Skelly Shell	36.7	50	12	2.83	141.50
Battery Total							223.70
Calculate Commingled Total			35.5	80	12	2.80	224.00
Sweet-wells No. 3, 4LT, 5, 6LT	Blinebry	Tubb Magnolia	58	8	0	2.79	22.32
	Drinkard	Magnolia	37	48	4	2.95	141.60
Battery Total			39.6	56	4	2.99	167.44
Calculated Commingled Total			39.6	56	4	2.99	167.44

It may be noted that due to commingling the value of crude produced is increased \$0.30 per day for the sour crude battery and is increased \$3.52 per day for the sweet crude battery. This is an increase of \$3.82 daily or a monthly revenue increase of \$118.42 on a 31 day monthly basis.

5/2/60
 JTB/nrh

MAIN OFFICE OCC
1960 MAY 23 AM 11:32

OIL CONSERVATION COMMISSION
BOX 2045
HOBBS, NEW MEXICO

DATE May 20, 1960

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

Re: Proposed NSP _____
Proposed NSL _____
Proposed NFC _____
Proposed DC _____
PC 10

Gentlemen:

I have examined the application dated _____
for the Socony Mobil Oil Co., Inc. C. Hardy 29-21-37
Operator Lease and Well No. S-I-R

and my recommendations are as follows:

O.K.---E.F.E.
O.K.---J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION

