Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.

P. O. Box 2406
Hobbs, New Mexico

PC-13
(Water Supply No.)

June 29, 1960

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 sour crude production on the E. O. Carson Lease, located in W/2 SW/4 and SE/4 SW/4 of Section 28 and SW/4 NE/4 and NW/4 of Section 33, T-21S, R-37E, Lea County, New Mexico, as authorized by the Oil Conservation Commission Rule 303 as amended by Order No. R-1597. The three sour crudes to be commingled are produced from the Paddock, Penrose-Skelly and McCormack Pools.

The following exhibits are attached:

Exhibit I - Plat showing location of all present and proposed 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 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.

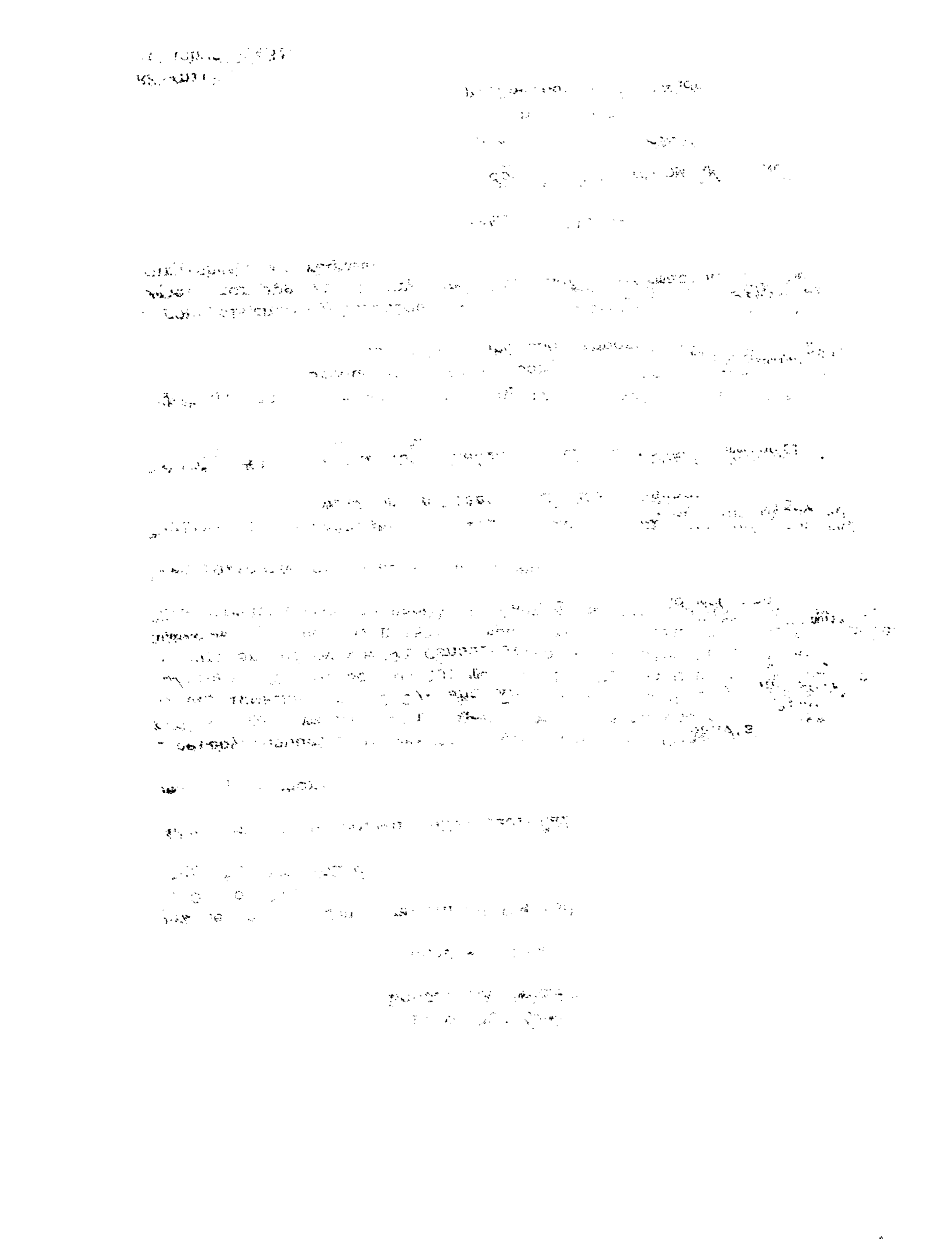
Yours very truly,

SOCONY MOBIL OIL COMPANY, INC.

C. H. Samples

C. H. Samples
Producing Superintendent

RFK/nrh
Attachment (3)



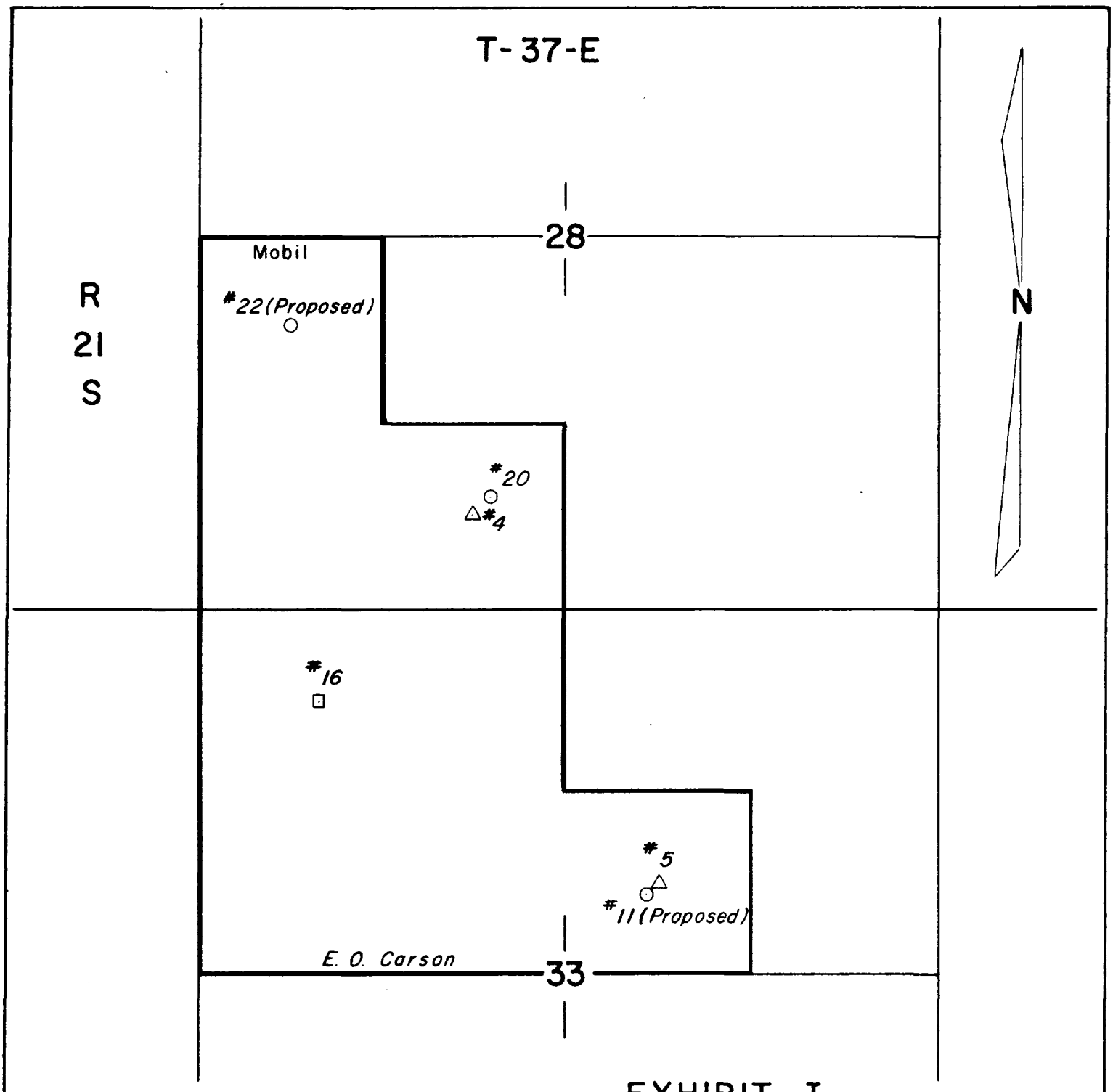


EXHIBIT I

E. O. CARSON LEASE
Sec. 28 & 33, T-21-S, R-33-E
Lea County, New Mexico

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

SURVEYED BY R F K	DATE 6-27-60	DRWG. NO.
DRAWN BY C.E.L.	DATE 6-29-60	
SCALE 1"=1000	FIELD BOOK NO.	

LEGEND

- ○ PADDOCK
- △ PENROSE SKELLY
- □ McCORMACK

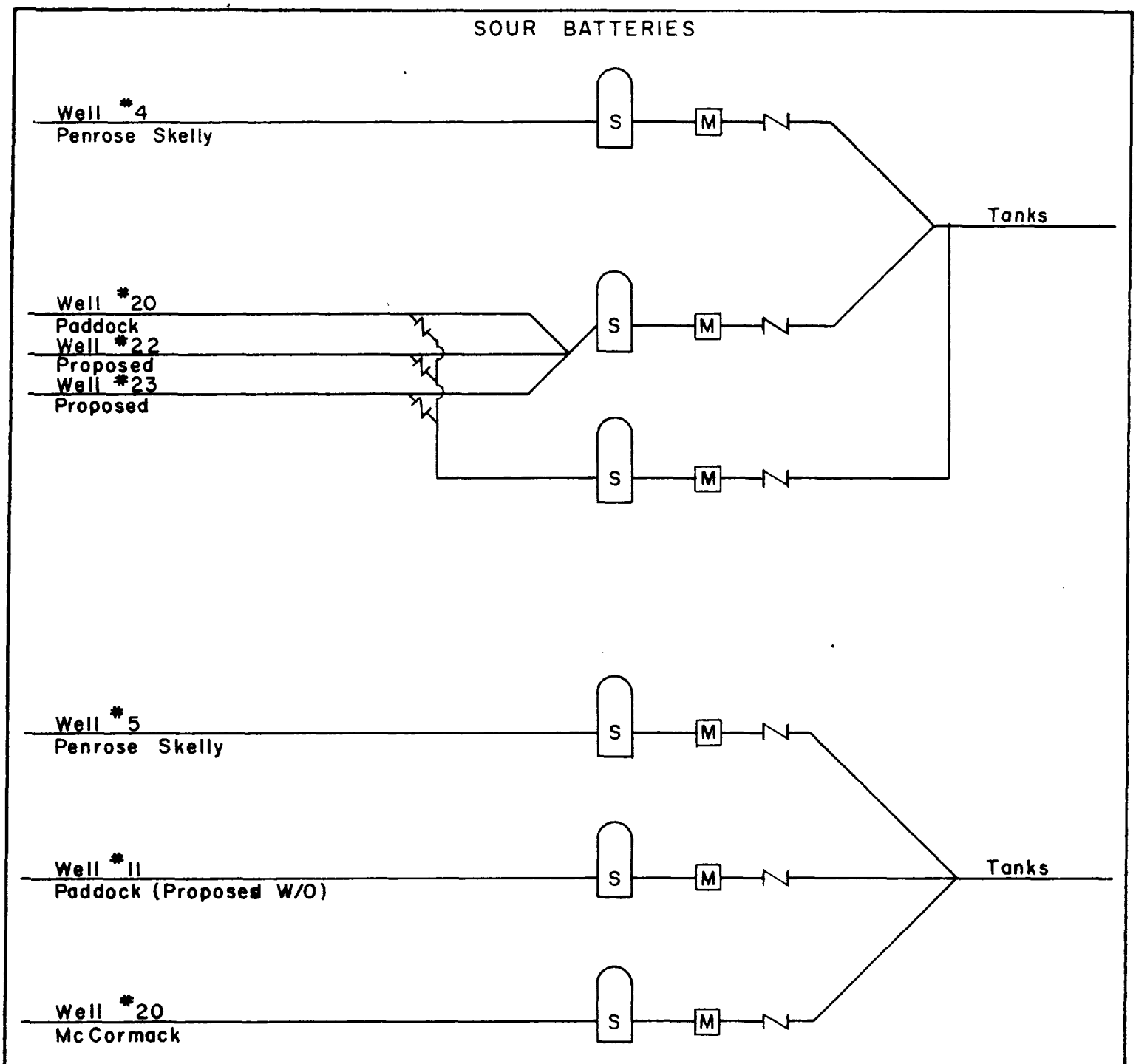


EXHIBIT II

COMMINGLING INSTALLATION—SOUR
E. O. CARSON LEASE

Sec. 28 & 33, T 21 S, R 37 E
Lea County, New Mexico

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

SURVEYED BY R F K	DATE 6-27-60	DRWG. NO.
DRAWN BY C. E. L.	DATE 6-29-60	
SCALE	FIELD BOOK NO.	

EXHIBIT III
Commingled Fluid Production
Socony Mobil Oil Company, Inc.
E. O. Carson Lease, Section 28 & 33, T-21S, R-37E
Lea County, New Mexico

Battery	Zone	API Gravity	Daily Prod.Bbls. Oil	Water	Unit Value	Total Value
Sour Wells						
South Side Battery						
#5	Penrose Skelly	33.5°	10.5		$2.74	$ 28.77
#11	Paddock	37.9°	44.0		2.86	125.84
#16	McCormack	39.1°	18.7		2.92	54.60
Battery Total						$209.21
Calculated Commingled Total		37.6°	73.2		$2.86	$209.35
Sour Wells						
North Side Battery						
#4	Penrose Skelly	33.5°	2.2		$2.74	$ 6.03
#20	Paddock	37.9°	44.0		2.86	125.84
#22	Paddock	37.9°	44.0		2.86	125.84
#23	Paddock	37.9°	44.0		2.86	125.84
Battery Total						$383.55
Calculated Commingled Total		37.8°	134.2		$2.86	$383.81

It may be noted that the value of the crude produced from both batteries is increased $.40 per day by commingling. This is monthly revenue increase of $12.40 based on a 31 day month, with the future addition of the proposed Paddock wells shown.

LFK/nrh

MAIN OFFICE OCC

OIL CONSERVATION COMMISSION

1960 JUL 8 PM 1 31

BOX 2045

HOBBS, NEW MEXICO

DATE July 6, 1960

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

Re: Proposed NSP_____

Proposed NSL_____

Proposed NFC_____

Proposed DC _____

FC 13

Gentlemen:

I have examined the application dated_____

for the Mobil Oil Co. E. O. Carson Lease 28 & 33-21-37
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

O.K.---L.A.C.

O.K.---J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION

Leslie V. Clements