

# Mobil Producing Texas & New Mexico Inc.

November 8, 1985

P.O. BOX 633  
MIDLAND, TEXAS 79702

New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. R.L. Stamets  
Division Director

Dear Sir:

Mobil Producing Texas and New Mexico, Inc., respectfully requests an amendment to Administrative Order No. R-2079, dated October 9, 1961, in order to permit the surface commingling of the Montoya production on the E.O. Carson lease with the currently commingled Penrose Skelly Grayburg and Paddock production in E.O. Carson Tank Battery #4. The E.O. Carson is a 320 acre lease. It comprises the W 1/2 and SE 1/4 of the SW 1/4 of Section 28, the SW 1/4 of the NE 1/4 of section 33, and the NW 1/4 of section 33, all of which is in Township 21 South, Range 37 East, Lea County, New Mexico.

The proposed commingled production will consist of approximately 58 BOPD (35.9° API) from the commingled Paddock-Penrose Skelly Grayburg and approximately 52 BOPD (43.6° API) from the Montoya. E.O. Carson Well No. 9 was recently recompleted to the Montoya as a top allowable well; therefore, Montoya production will be metered in accordance with the manual for the Installation and Operation of Commingling facilities. The marginal Paddock-Penrose Skelly Grayburg production will be allocated on monthly well tests.

The commercial value of the commingled oil will be reduced \$0.07/bbl.  
The ownership in all zones is common.

Sincerely yours



G.E. Tate  
Env. & Reg. Manager

HFW/tm

Attachments

*35-11-16*

*Some lease Skelly, Grayburg*  
*P.L.B.*  
*For...*  
*For...*  
*Call*

Mobil Producing Texas & N.M. Inc.  
E.O. Carson Lease  
Paddock-Penrose Skelly Grayburg & Montoya Production

E.O. Carson Tank Battery #4

<u>Paddock</u>	BOPD	DWPD	MCFGPD	API GRAVITY
E.O. Carson # 10	5	16	50	35.9
# 11	10	16	78	35.9
# 15	28	1	212	35.9
# 16	13	42	78	35.9

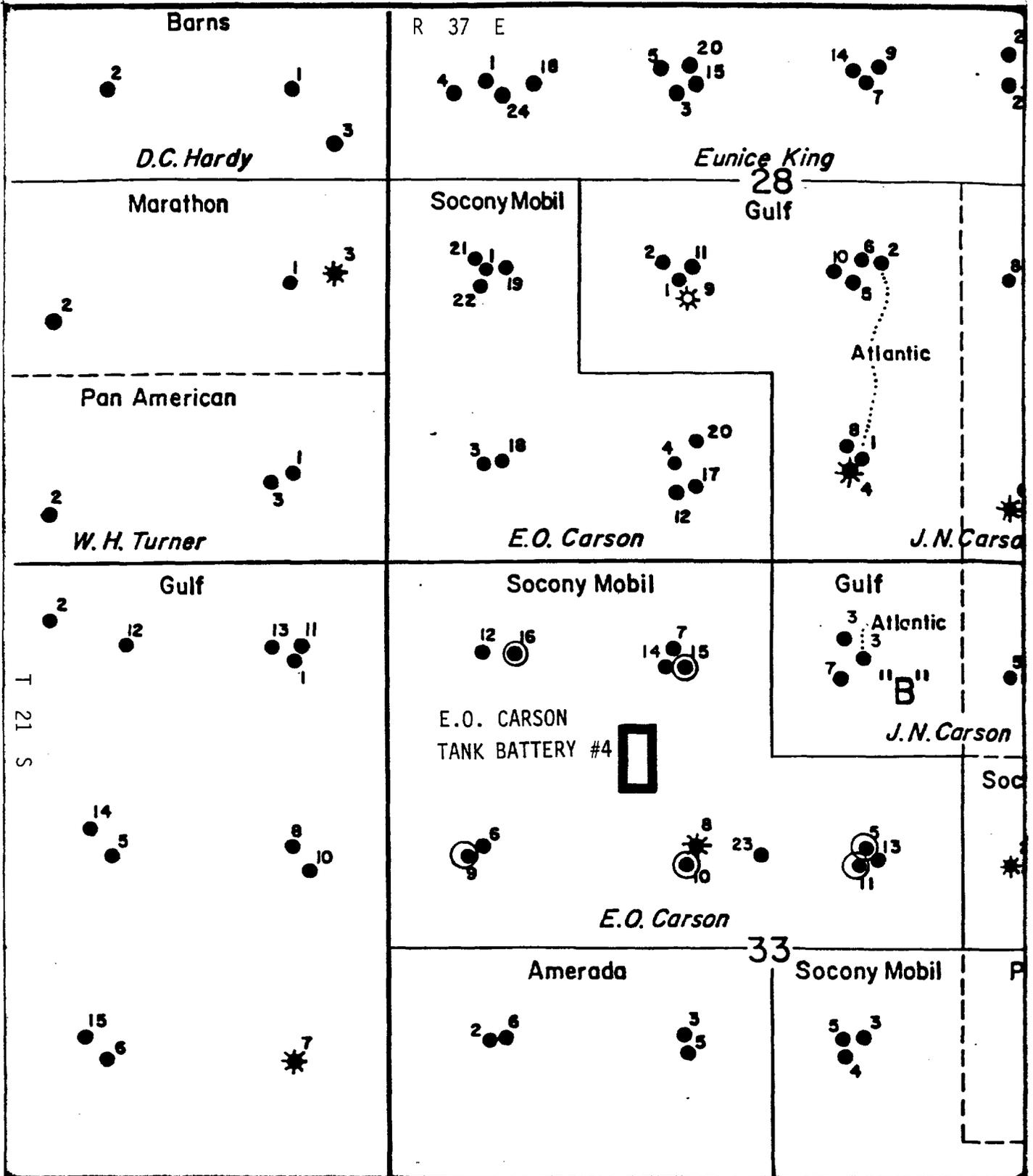
Penrose Skelly Grayburg

E.O. Carson # 5	2	2	106	35.9
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Proposed addition to E.O. Carson Tank Battery #4

Montoya

E.O. Carson # 9 ✓	191	30	1385	43.6
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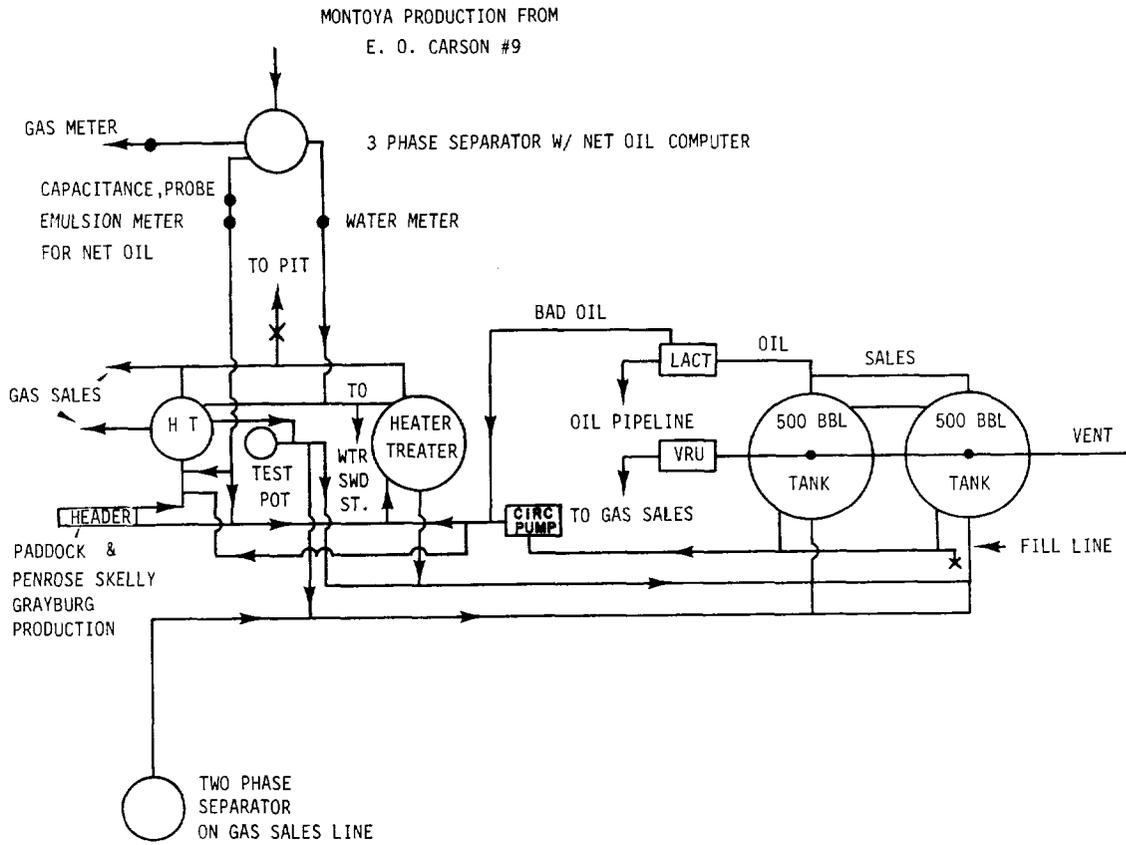
WELL	PRODUCING ZONE
E.O. CARSON #5	PENROSE SKELLY GRAYBURG
E.O. CARSON #9	MONTOYA
E.O. CARSON #10	PADDOCK
E.O. CARSON #11	PADDOCK
E.O. CARSON #15	PADDOCK
E.O. CARSON #16	PADDOCK

**Mobil Producing  
Texas & New Mexico Inc.  
Midland Division**

E.O. CARSON TANK BATTERY #4

Scale
Date
Drawn
Checked
Approved
Revised

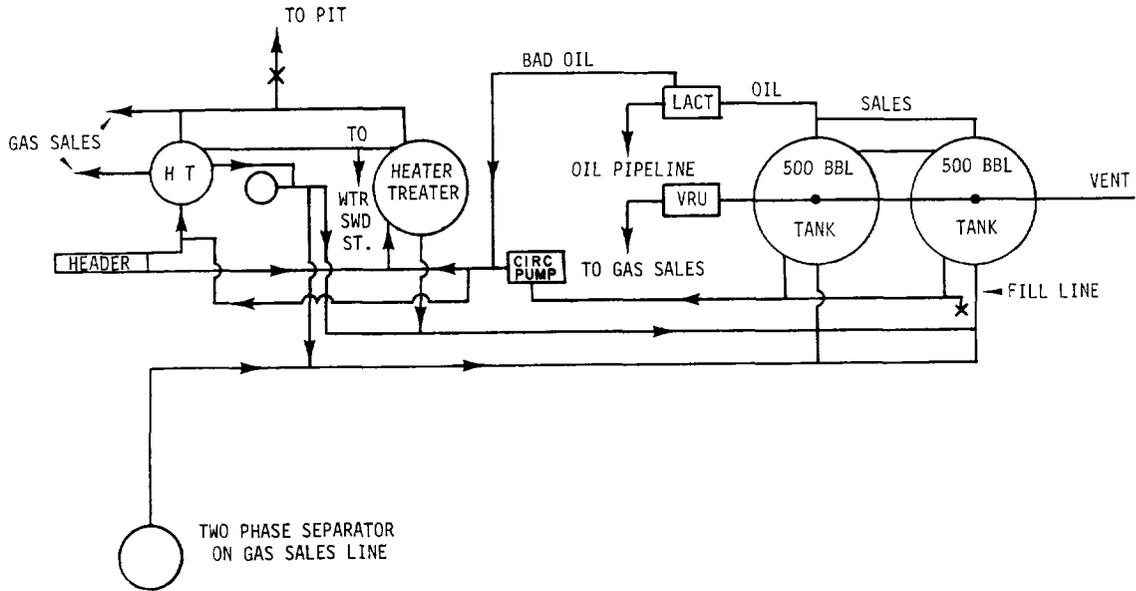
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PROPOSED SURFACE COMMINGLING BETWEEN  
PADDOCK, PENROSE SKELLY  
GRAYBURG & MONTOKA  
(MONTOKA TOP ALLOWABLE)

<b>Mobil Producing Texas &amp; New Mexico Inc.</b>		
<b>MIDLAND DIVISION</b>		<b>MIDLAND, TEXAS</b>
PROPOSED E.O. CARSON TANK BATTERY #4		
<b>DRAWN</b> A.L.W.	<b>SCALE</b> NONE	<b>DWG. NO.</b>
<b>CHECKED</b>	<b>DATE</b> 11/85	

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PRESENT FACILITY ORDER No. R- 2079  
 AUTHORIZES COMMINGLING  
 BETWEEN PADDOCK &  
 PENROSE SKELLY GRAYBURG POOLS

<b>Mobil Producing Texas &amp; New Mexico Inc.</b>		
<b>MIDLAND DIVISION</b>		<b>MIDLAND, TEXAS</b>
EXISTING E.O. CARSON TANK BATTERY #4		
<b>DRAWN</b>	A.L.W.	<b>SCALE</b> NONE
<b>CHECKED</b>		<b>DATE</b> 11/85
		<b>DWG. NO.</b>

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE No. 2349  
Order No. R-2079

APPLICATION OF SOCONY MOBIL  
OIL COMPANY, INC. FOR AN  
EXCEPTION TO RULE 303, LEA  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 9, 1961, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 9th day of October, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Socony Mobil Oil Company, Inc., is the owner and operator of the E. O. Carson Lease, comprising the W/2 SW/4 and the SE/4 SW/4 of Section 28 and the NW/4 and the SW/4 NE/4 of Section 33, all in Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant proposes to commingle, without separate measurement, the production of liquid hydrocarbons from the various pools producing on its E. O. Carson Lease into two Sweet Batteries and two Sour Batteries, as follows:

Battery No. 1 (Sweet): Brunson, Drinkard, Wantz-Abo, Hare, Blinebry Gas, and Tubb Gas Pools.

Battery No. 2 (Sweet): Brunson, Drinkard, Wantz-Abo, Hare, Blinebry Gas, and Tubb Gas Pools.

Battery No. 4 (Sour): Penrose-Skelly, Eunice-San Andres, and Paddock Pools.

Battery No. 5 (Sour): Penrose-Skelly, Paddock, and McCormack Pools.

(4) That it is further proposed to commingle the production from Batteries Nos. 1 and 2.

(5) That the applicant proposes to allocate the commingled production in each battery on the basis of quarterly well tests.

(6) That all oil wells on the subject lease are marginal in all pools from which they are producing at the present time.

(7) That the subject application should be approved; provided, however, that in the event any well in any pool should become capable of producing top allowable, the Secretary-Director of the Commission may require that meters be installed on all zones.

(8) That the subject installation should be operated in accordance with the Commission Manual for the Installation and Operation of Commingling Facilities.

IT IS THEREFORE ORDERED:

(1) That the applicant, Socony Mobil Oil Company, Inc., is hereby authorized to commingle, without separate measurement, the production of liquid hydrocarbons from the various pools producing on its E. O. Carson Lease, comprising the W/2 SW/4 and the SE/4 SW/4 of Section 28 and the NW/4 and the SW/4 NE/4 of Section 33, all in Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, as follows:

Battery No. 1 (Sweet): Brunson, Drinkard, Wantz-Abo, Hare, Blinebry Gas, and Tubb Gas Pools.

Battery No. 2 (Sweet): Brunson, Drinkard, Wantz-Abo, Hare, Blinebry Gas, and Tubb Gas Pools.

Battery No. 4 (Sour): Penrose-Skelly, Eunice-San Andres, and Paddock Pools.

Battery No. 5 (Sour): Penrose-Skelly, Paddock, and McCormack Pools.

Commingling of Batteries Nos. 1 and 2 also is authorized.

CASE No. 2349  
Order No. R-2079

PROVIDED HOWEVER, That the commingled production in each battery shall be allocated on the basis of quarterly well tests, and the results of such tests shall be filed with the Commission.

PROVIDED FURHTER, That in the event any well in any pool should become capable of producing top allowable, the operator shall notify the Commission of such fact and the Secretary-director may require that meters be installed on all zones.

PROVIDED FURTHER, That the subject installations shall be operated in accordance with the Commission Manual for the Installation and Operation of Commingling Facilities.

IT IS FURTHER ORDERED:

That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/