



## Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.  
P. O. BOX [REDACTED] HOBBS, NEW MEXICO  
1800 88240

February 5, 1964

Mr. Dan S. Nutter  
Chief Engineer  
New Mexico Oil Conservation  
Commission (3)  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Revision of Administrative  
Order PC-183

Dear Sir:

Socony Mobil Oil Company, Inc. respectfully requests the Commission revise their commingling order PC-183, which permitted the commingling of the production by the subtraction method, from the Paddock and Penrose-Skelly pools underlying the S. E. Long lease located in the SE/4 of Section 11, Township 22 South, Range 37 East, Lea County, New Mexico. Production from the Paddock and Penrose-Skelly pools is marginal, and we desire to allocate production on the basis of periodic well testing.

The Penrose-Skelly production was assumed to be top allowable when we requested permission to commingle the Paddock and Penrose-Skelly production on our S. E. Long lease. When the request was made, S. E. Long Well No. 2 was being recompleted as a Penrose-Skelly producer. Attached is a copy of the potential test of this well, which is the only Penrose-Skelly well on this lease.

Please advise if any additional information is needed concerning this proposal.

Yours very truly,

Glen W. Barb  
Producing Superintendent

JEBohannon, Jr./mc  
Attachments

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

REQUEST FOR (OIL) - ~~(GAS)~~ ALLOWABLE

New Well  
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico January 23, 1964  
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Socony Mobil Oil Company, Inc. S. E. Long, Well No. 2, in NW 1/4 SE 1/4,  
(Company or Operator) (Lease)  
J, Sec. 11, T. 22 S, R. 37 E, NMPM, Penrose Skelly Pool  
Unit Letter

Lea

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

County Date Spudded - Date Drilling Completed -  
Elevation 3351 Total Depth 6545 PBD 5225

Top Oil/Gas Pay 3636 Name of Prod. Form. Greyburg

PRODUCING INTERVAL -

Perforations 3636 - 3664

Open Hole - Depth Casing Shoe 6545 Depth Tubing 3645

OIL WELL TEST -

Natural Prod. Tests: bbls. oil, bbls water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Pump load oil used): 31 bbls. oil, 44 bbls water in 24 hrs, 0 min. Size Choke -

GAS WELL TEST -

Natural Prod. Tests: MCF/Day; Hours flowed Choke Size

Tubing, Casing and Cementing Record

Size	Feet	Size
9 5/8"	1110	600
7"	6545	800

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, ... and Sand oil frac. 20,000 gals + 40,000# 20-40 sand + 1/40#/gal addomite sand):

Casing Tubing Date first new Press. - Tubing Press. - oil run to tanks 1/20/64

Oil Transporter Texas-New Mexico Pipe Line Company

Gas Transporter Skelly Oil Company

Remarks: GOR 600, Qty. 34.7 Pumps 11 - 42" SPM

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: \_\_\_\_\_, 19\_\_\_\_\_

Socony Mobil Oil Company, Inc.  
Company or Operator

By: *J. J. McDaniel*  
(Signature)

Title Group Supervisor

By: \_\_\_\_\_

Title \_\_\_\_\_

Send Communications regarding well to:

Name Socony Mobil Oil Company, Inc.

Address Box 1800, Hobbs, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

January 17, 1964

C Mobil Oil Company  
P. O. Box 1800  
Hobbs, New Mexico

Attention: Mr. Glen W. Barb

Administrative Order PC-183

C  
Gentlemen:

P  
Reference is made to your application dated December 31, 1963, for administrative approval of an exception to Rule 303 (a) of the Commission Rules and Regulations to permit the commingling of Paddock and Penrose-Skelly production on your S. E. Long Lease comprising the SE/4 of section 11, Township 22 South, Range 37 East, Lea County, New Mexico, after separately metering the Penrose-Skelly production and determining the Paddock production by means of the subtraction method.

Y  
By the authority vested in me under the provisions of Rule 303 (b) of the Commission Rules and Regulations, you are hereby authorized to commingle the production from the aforesaid pools on said lease in the above-described manner. Provided however, that the installation shall be operated in accordance with the provisions of the Commission "Manual for the Installation and Operation of Commingling Facilities," including the requirement for a non-reset counter on the meter, and provided further, that you shall notify the Hobbs District Office of the Commission at such time as this installation is complete in order that a field inspection may be made of the installation prior to putting it in operation.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/DSM/esr

cc: Oil Conservation Commission (with enclosure) - Hobbs  
Oil & Gas Engineering Committee - Hobbs



**Mobil Oil Company**

A Division of Socony Mobil Oil Company, Inc.

P. O. BOX [REDACTED] HOBBS, NEW MEXICO 88240  
1800

DEC 1 27

December 31, 1963

*J. J. - 187*

Mr. Dan S. Nutter, Chief Engineer  
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

RE: EXCEPTION TO STATEWIDE  
RULE 303 A

Dear Sir:

Socony Mobil Oil Company, Inc. respectfully requests the Commission grant them an exception to Statewide Rule 303 A to permit the commingling of production from the Paddock Pool and Penrose Skelly Pool on their S. E. Long Lease. The lease is located in the SE/4 of Section 11, Township 22 South, Range 37 East, Lea County, New Mexico.

The following items are attached:

1. Plat of the lease and well locations.
2. A schematic diagram of the proposed commingling installation.
3. Production tabulation of marginal (Paddock) production.

Production will be allocated on the basis of metering the Penrose Skelly well (estimated to be top allowable) and obtaining Paddock production by the subtraction method.

Please advise if any additional information is needed concerning this proposal.

Yours very truly,

Glen W. Barb  
Producing Superintendent

JEBhannon/nrh  
Attachments

cc: NMOCC - 2

R 37 E

N G Penrose

Ohio

Ohio - Wortham

Elliott B-12

Shell  
Oil Well Drlg. Co.  
Parker

Socony Mobil Oil Co., Inc

N. G. Penrose

T  
22  
S

Thomas Long

S. E. Long

Hinton

Gulf

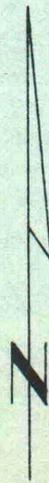
Humble

Hugh

N. G. Penrose

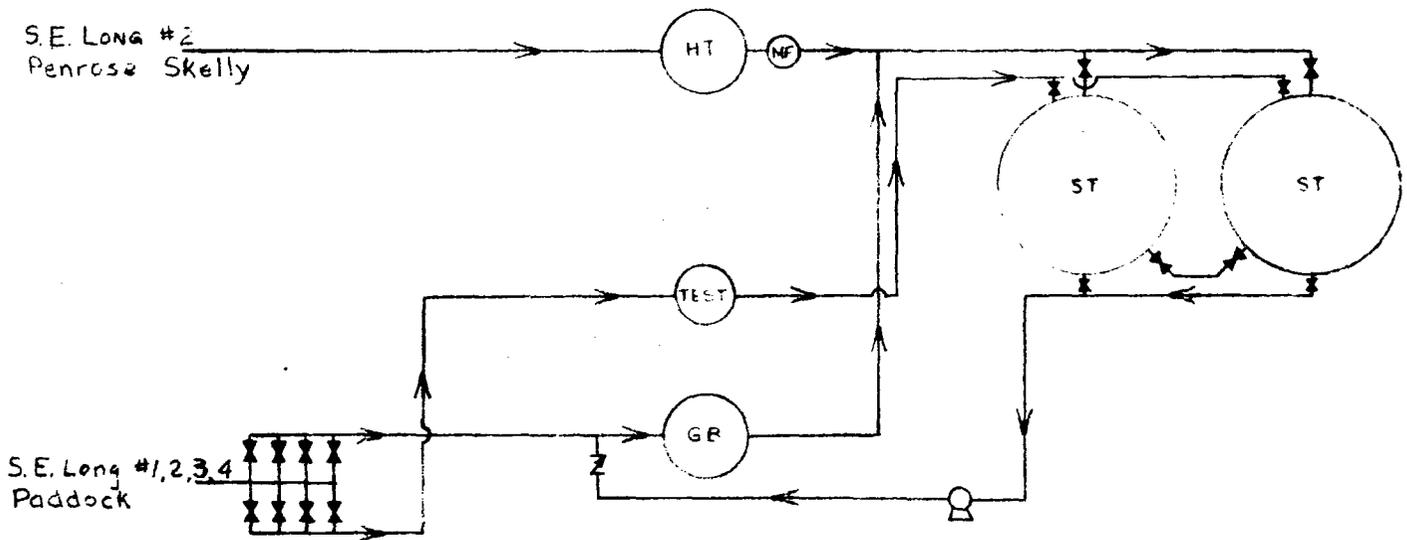
LEGEND

-  Tubb
-  Blinebry
-  Paddock
-  Drinkard
-  Penrose Skelly



Location Plat

NO.	DATE	BY	ALTERATION
<b>S. E. LONG LEASE</b> T22S-R37E, SEC. II LEA CO. NEW MEXICO SOCONY MOBIL OIL COMPANY, INC. HOBBS PRODUCING DISTRICT			
DRAWN C.E.L.	CHECKED JCG	SCALE 1" = 800'	DWG. NO.
		DATE 8-4-61	<b>A-116-DIP</b>



SYMBOLS

-  CHECK VALVE
-  BLOCK VALVE
-  HEATER TREATED
-  STOCK TANK
-  PUMP
-  TEST SEPARATION
-  METERING FACILITIES
-  GUN BARREL

NO.	DATE	BY	ALTERATION
SCHEMATIC DIAGRAM PROPOSED COMMINGLING INSTALLATION S.E. LONG LEASE			
<b>SOCONY MOBIL OIL COMPANY, INC.</b>			
HOBBS PRODUCING DISTRICT			
DRAWN J.E.B.		DWG. NO.	
CHECKED J.C.G.		SCALE	
		DATE 12-24-65	
			<b>A-116-DIP</b>

SOCONY MOBIL OIL COMPANY, INC.  
 S. E. LONG LEASE  
PADDOCK PRODUCTION TABULATION

<u>Lease Name &amp; Well No.</u>	<u>Field</u>	<u>October, 1963 Production</u>	<u>October, 1963 Top Allowable</u>	<u>November, 1963 Production</u>	<u>November, 1963 Top Allowable</u>
S. E. Long No. 1	Paddock	141	1612	127	1560
S. E. Long No. 2	Paddock	117	1612	105	1560
S. E. Long No. 3	Paddock	70	1612	63	1560
S. E. Long No. 4	Paddock	94	1612	84	1560

NOTE: S. E. Long No. 2 is to be dually completed as a Paddock and Penrose Skelly well. For purposes of this commingling installation the Penrose Skelly is assumed to be top allowable. Additional test facilities will be required if we complete other Penrose Skelly wells on this lease.

JEBhannon/nrh  
 12/31/63