

POST OFFICE BOX 2088  
SANTA FE, NEW MEXICO 87501

AMENDMENT  
COMMINGLING ORDER PLC-41

Company Carter Foundation Production Co.  
Address c/o R.D. Fitting & Assoc., 901 West Missouri Ave.  
City, State, Zip Midland, Texas 79701

Attention: Mr. Ross D. Fitting

The above-named company is hereby authorized to commingle  
Teague-Devonian, Teague Fusselman, and Teague Simpson

pool production from the following leases:

Lease Name: E. C. Hill Fed D  
Description: Devonian Formation, E/2 Sec. 34, T-23-S, R-37-E; and NW/4 Sec. 35,  
T-23-S, R-37-E, Lea County, New Mexico

Lease Name: E. C. Hill Fed M  
Description: Simpson and Fusselman Formations, E/2 Sec. 34 and NW/4 Sec. 35,  
T-23-S, R-37-E, Lea County, New Mexico

Lease Name:  
Description:

Production shall be allocated to each lease by

           separately metering the production from each lease prior to  
commingling

           separately metering the production from the  
and determining the  
production by the subtraction method

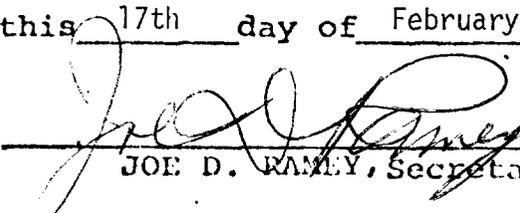
XX well tests (if this method or the subtraction method above is  
to be authorized, all commingled production must be of identical  
ownership: working interest, royalty interest, and overriding  
royalty interest)

Note: This installation shall be installed and operated in accordance  
with the applicable provisions of Rule 309-B of the Commission  
Rules and Regulations and the Commission "Manual for the Installation and  
Operation of Commingling Facilities." It is the responsibility of the  
producer to notify the transporter of this commingling authority.

Prior to this amendment, Order PLC-41 authorized the commingling of Devonian  
REMARKS: and Simpson production only from these two leases.

DONE at Santa Fe, New Mexico, on this 17th day of February 19 77.

OCC Hobbs  
Oil & Gas Eng. - Hobbs  
U. S. Geological Survey - Roswell

  
JOE D. RAMSEY, Secretary-Director

ROBERT D. FITTING & ASSOCIATES, INC.  
*Petroleum Engineering & Geological Consultants*  
MIDLAND, TEXAS 79701

February 17, 1977

Mr. D. S. Nutter, Chief Engineer  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Nutter:

In accordance with our telephone conversation of today, enclosed are copies of application by Carter Foundation Production Company to commingle production from wells on their E. C. Hill Federal Lease in the Teague Devonian, Teague Simpson and Teague Fusselman Pools, Lea County, New Mexico.

Also enclosed is copy of a letter from the USGS approving this commingling application.

Yours very truly,



Jackie Duncan

jd  
Encl -

## ROBERT D. FITTING &amp; ASSOCIATES, INC.

*Petroleum Engineering & Geological Consultants*

MIDLAND, TEXAS 79701

January 14, 1977

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

Re: Request for Exception to Rule 303-A,  
and Application for Administrative  
Approval to Commingle Production from  
the Teague Devonian, Teague Simpson  
and Teague Fusselman Pools,  
Lea County, New Mexico

Gentlemen:

Carter Foundation Production Company requests an exception to Rule 303-A, under authority of Rule 303-B, to permit surface commingling of hydrocarbon production from wells on the E. C. Hill Federal Lease in the Teague Devonian, Teague Simpson and Teague Fusselman Pools, located in Sections 34 and 35, Township 23-South, Range 37-East, Lea County, New Mexico.

Production from the Devonian and Simpson zones is presently commingled under Commingling Order PLC-41 dated April 4, 1972.

Following are the detailed data as required by Rule 303-B in making application for administrative approval to commingle the production from common sources of supply with identical ownership:

- (1) Gravity of Teague Devonian & Simpson oil: 45° mixture  
Gravity of Teague Fusselman oil: 40°
- (2) Teague Devonian & Simpson oil price - \$13.09 per barrel;  
1,630 barrels per month valued at \$21,336.70.

Teague Fusselman oil price - \$13.09 per barrel;  
3,030 barrels per month valued at \$39,662.70.

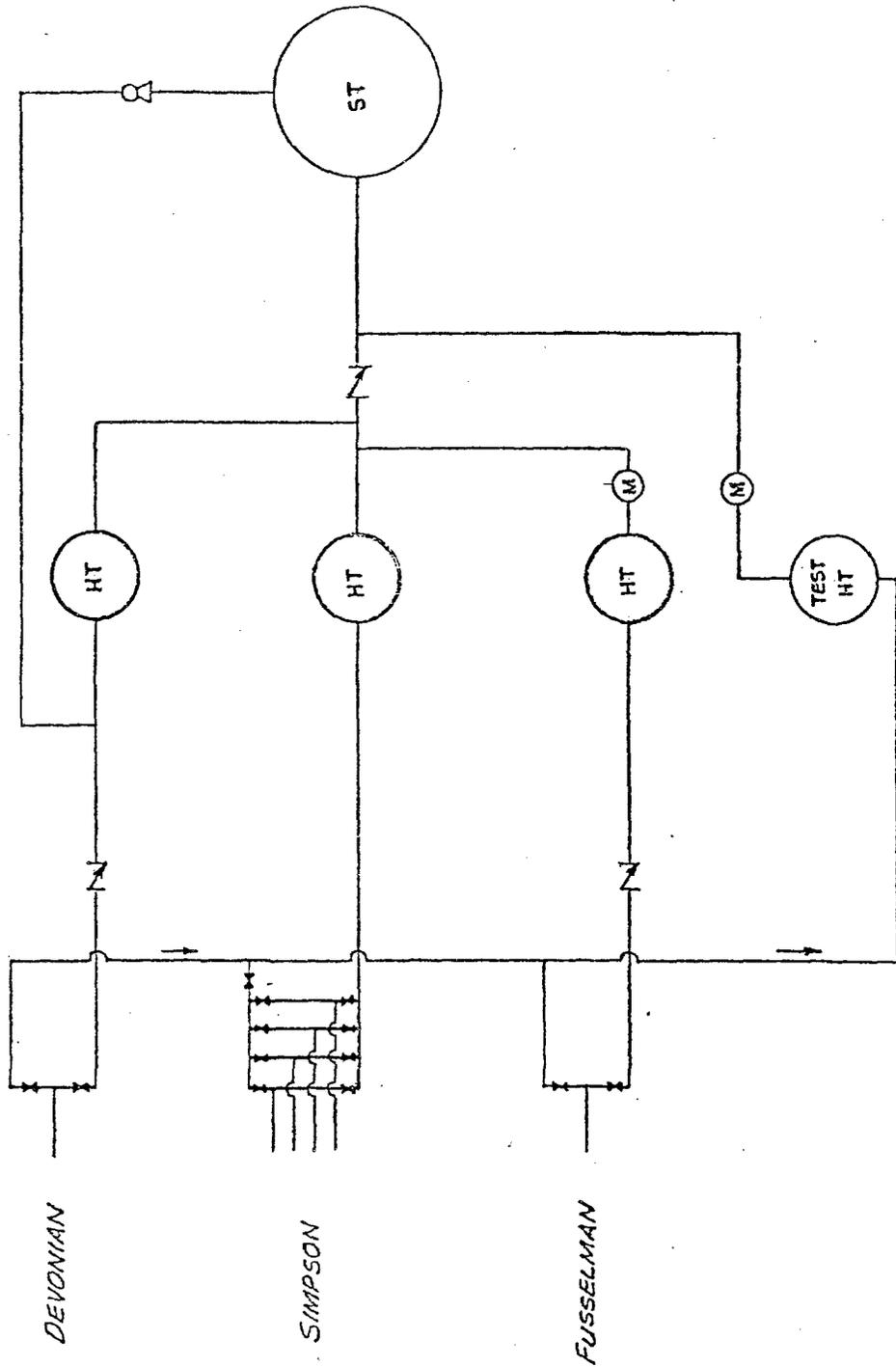
- (3) Anticipated gravity of the commingled Devonian, Simpson and Fusselman oil is 42 degrees API, priced at \$13.09 per barrel; the expected total value of 4,660 barrels is \$60,999.40.
- (4) Attached is schematic diagram of the proposed installation according to the provisions of the Commission's "Manual for the Installation and Operation of Commingling Facilities" dated October 1, 1969.
- (5) Enclosed is plat showing the applicant's Teague Devonian, Teague Simpson and Teague Fusselman wells on the E. C. Hill Federal Lease.
- (6) The actual commercial value of the commingled production would be the same as the sum of the values of the production from each common source of supply.
- (7) Attached is copy of our letter dated January 14, 1977 to the Regional Supervisor of the United States Geological Survey, Roswell, New Mexico, requesting approval of the proposed commingling.
- (8) The average daily production of the Devonian and Simpson wells is 54 barrels and from the Fusselman well, 101 barrels. This is well below the top allowable and, therefore, crude commingling is permitted without separately measuring the production from each pool.

Carter Foundation Production Company respectfully requests administrative approval, without notice and hearing, to permit the commingling of the Teague Devonian, Teague Simpson and Teague Fusselman produced hydrocarbons on the E. C. Hill Federal Lease, Lea County, New Mexico.

Yours very truly,

*Robert D. Fitting* jld

Robert D. Fitting



Carter Fdn. Production Co. 34

Carter Fdn. Production Co.

35

T  
23  
S

• 3-M

• 4-M

◊ 3-D

• 1-M

⊙ 5

• 5-M

E.C. Hill - Fed.

E.C. Hill - Fed.

CARTER FOUNDATION PRODUCTION CO.  
E.C. HILL - FEDERAL LEASE  
TEAGUE POOL  
LEA COUNTY, N.M.  
SCALE: 1"=1000'

- ◊ DEVONIAN PRODUCER
- ⊙ FUSSELLMAN PRODUCER
- SIMPSON PRODUCER



# United States Department of the Interior

GEOLOGICAL SURVEY  
P. O. Drawer 1157  
Hobbs, New Mexico 88240

January 27, 1977

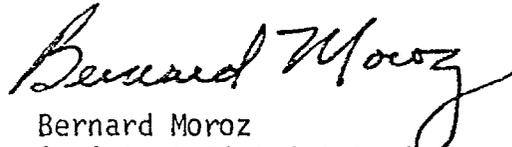
Robert D. Fitting & Associates, Inc.  
901 West Missouri Avenue  
Midland, Texas 79701

Gentlemen:

Your letter of application of January 14, 1977 requests approval to commingle production from the Fusselman pool with production from the Devonian and Simpson pools on the E. C. Hill Federal lease, Las Cruces 064118, E $\frac{1}{2}$  sec. 34, T. 23 S., R. 37 E., Lea County, New Mexico.

Commingling the Fusselman production with the Devonian and Simpson production is hereby approved subject to like approval by the New Mexico Oil Conservation Commission.

Sincerely yours,

  
Bernard Moroz  
Assistant District Engineer

cc:  
Roswell

