



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1357
Roswell, New Mexico 88201

PH 1 01
970 SEP 02

IN REPLY REFER TO:

September 1, 1970

Sohio Petroleum Company
P.O. Box 3167
Midland, Texas 79701

Attention: Mr. Roy C. Gould

Gentlemen:

Your application for termination of the Littman San Andres unit agreement, Lea County, New Mexico, and Andrews County, Texas, pursuant to Article 22.3 thereof, was approved on September 1, 1970, effective as of October 1, 1970.

Copies of the approved termination are being furnished to the appropriate Federal offices and one approved copy is enclosed. It is requested that you furnish notice of this approval to each party affected by the termination of the Littman San Andres unit agreement.

Sincerely yours,

CARL C. TRAWICK
Acting Oil and Gas Supervisor

cc:
Washington (w/cy appln)
BLM, Santa Fe (w/cy appln.)
Hobbs (w/cy appln.)
BOMC, Roswell (ltr. only)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Pub. Lands, Santa Fe (ltr. only)

ILLEGIBLE

August 17, 1970

1970 Aug 19 PM 1 28

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O
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Y

Sohio Petroleum Company
Box 3167
Midland, Texas 79701

Re: Littman Unit
TERMINATION
Andrews County, Texas
Lea County, New Mexico

ATTENTION: Mr. Roy C. Gould

Gentlemen:

Your request received August 17, 1970, to terminate the Littman Unit pursuant to Article 22.3 (2) of the Unit Agreement for the Development and Operation of the Littman Unit, is hereby approved, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

The effective date of the termination to be as of 7:00 A.M., October 1, 1970.

Very truly yours,

GORDON G. MARCUM, II, Director
Oil and Gas Department

GGM/ML/s

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico



SOHIO PETROLEUM COMPANY

PRODUCTION AND EXPLORATION DIVISION

MIDLAND DISTRICT

February 6, 1967

BOX 3167
MIDLAND, TEXAS 79704

Mr. Arthur Barbeck
Railroad Commission of Texas
Tribune Building
Austin, Texas

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Railroad Commission of Texas
District 8
P. O. Box 1110
Midland, Texas

Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico

United States Department of the
Interior
Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico
Attn: Mrs. Marion Rhea

Re: Littman San Andres Unit
Andrews County, Texas
Lea County, New Mexico

Gentlemen:

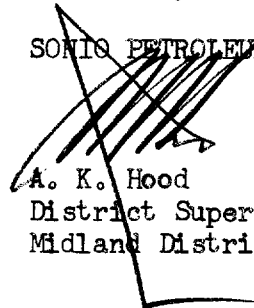
This letter is to advise you of change of status of wells in the expansion from the five-spot in the above unit.

Injection was commenced February 2, 1967, into Wells No. 6-6 in Texas, and 2-2, 3-3 and 4-2 in New Mexico.

OCC Order No. R-2715 entered in Case No. 3050 and RRC Order No. 8-58, 821 approved this unit in New Mexico and Texas.

Yours very truly,

SOHIO PETROLEUM COMPANY


A. K. Hood
District Superintendent
Midland District

DWR:ee



3049

SOHIO PETROLEUM COMPANY

PRODUCTION AND EXPLORATION DIVISION

November 18, 1966

MIDLAND DISTRICT

BOX 3167
MIDLAND, TEXAS 79704

Mr. Arthur Barbeck
Chief Engineer
Railroad Commission of Texas
Tribune Building
Austin, Texas

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Railroad Commission of Texas
District 8
P. O. Box 1110
Midland, Texas

Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico

United States Department of the
Interior
Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico
Attn: Mrs. Marion Rhea

Re: Littman San Andres Unit
Andrews County, Texas
Lea County, New Mexico

Gentlemen:

This letter is to advise you of change of status of wells in the expansion from the five-spot in the above unit.

Water injection into Well 6-3 was commenced November 15, 1966, making a current total of five injection wells in the unit. All injection wells thus far are in Texas.

Wells No. 6-6 in Texas and No. 2-2, 3-3 and 4-2 in New Mexico are currently being prepared for injection. As requested in previous letters, the allowables have been cancelled on these wells.

You will be notified when injection is commenced in the four wells.

OCC Order No. R-2715 entered in Case No. 3050 and RRC Order No. 8-53, 821 approved this unit in New Mexico and Texas.

Yours very truly,

SOHIO PETROLEUM COMPANY

A. K. Hood
District Superintendent
Midland District

DWR:ee

MAIN OFFICE 1001

'65 AUG 10 PM 12

3047

August 6, 1965

Sohio Petroleum Company
970 First National Office Building
Oklahoma City, Oklahoma 73102

Attention: Mr. C. L. Ware

Re: Littman San Andres Unit
Lea County, New Mexico

Gentlemen:

The Unit Agreement under Article 11.11.3 provides for periodical reports of the plan of operation for this water flood unit. The unit has been in effect for over a year and as of this date the Commissioner of Public Lands has received no communication from Sohio.

We have received New Mexico O.C.C. operator's monthly report. However, there is no indication on this report that there has been any water injected. May we have a complete, up to date report on this unit at your very earliest convenience.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

By:

(Mr.) Ted Bilberry, Director
Oil and Gas Department

GBH:TB:MMR:oc

cc: N. M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico



SOHIO PETROLEUM COMPANY

EXPLORATION DEPARTMENT

1964 JUN 23 AM 7:19

JOHN L. ROSS, MANAGER
E. E. YOUNG, ASST. MANAGER

June 19, 1964

OKLAHOMA CITY, OKLAHOMA 73102
970 FIRST NATIONAL OFFICE BLDG.

RE: U-413-46 and U-291-20
Littman San Andres Unit
Lea County, New Mexico and
Andrews County, Texas

Oil Conservation Commission for the
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Under date of June 3, 1964, the Oil Conservation Commission of the State of New Mexico in Order #R-2714, dated June 3, 1964; and the Commissioner of Public Lands for the State of New Mexico in a Certificate of Approval dated June 4, 1964; and the Railroad Commission of the State of Texas at a formal conference held June 10, 1964; and the Director of the United States Geological Survey in a certificate of Approval-Certification-Determination dated June 12, 1964; have each approved the Unit Agreement, Littman San Andres Unit, Lea County, New Mexico and Andrews County, Texas.

As a requisite of effectiveness, Article 22.1.4 of said Unit Agreement requires the delivery of a certificate to the effect that said agreement will become effective according to its terms and stating the effective date to the Supervisor of the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico, and the filing of such certificate in the records of Lea County, New Mexico and Andrews County, Texas.

This letter and the attached certificate of effectiveness shall constitute compliance with Article 22.1.4 of said Unit Agreement. Attached to this letter for your files is an executed original Certificate of Effectiveness, Unit Agreement, Littman San Andres Unit, Lea County, New Mexico and Andrews County, Texas, which recites all of the necessary approvals by the Commissioner, Commission, Railroad Commission and the Director of the United States Geological Survey duly authorized representative of the Secretary of the Interior, and that the Littman San Andres Unit Agreement will become effective under its terms and conditions on July 1, 1964 at 7:00 o'clock A.M.

You are also advised that the Unit Agreement, Littman San Andres Unit, was filed for record in Andrews County, Texas, at 8:40 A.M., June 18, 1964, and was given File Numbers 5680 through 5796; and was filed for record in Lea County, New Mexico, at 10:00 A.M. on June 18, 1964, and was given File Numbers 20180 through 20296. The respective volume or book and page numbers will be furnished to you when received.

Oil Conservation Commission for the
State of Texas

June 19, 1964

RE: U-413-46 and U-291-20
Littman San Andres Unit

We are this date simultaneously with the mailing of this certificate to you, filing an identical certificate for record in Andrews County, Texas and in Lea County, New Mexico.

The Unit Agreement, Littman San Andres Unit, Lea County, New Mexico and Andrews County, Texas, has been assigned Contract No. 14-08-0001 8608 by the United States Geological Survey.

We enclose for your files a copy of a letter dated June 11, 1964, from the Railroad Commission of Texas, and a copy of the Certificate of Approval-Certification-Determination dated June 12, 1964, executed by the Director of the United States Geological Survey.

In compliance with paragraph Numbered 5 of Order #R-2714 issued in Case #3049, we enclose for your files an executed original of the Littman San Andres Unit Agreement and original executed Ratifications and Joinders to the Littman San Andres Unit Agreement.

Yours very truly,

SOHIO PETROLEUM COMPANY, Operator

By



C. L. Ware
Staff Landman

CLW:wh
Encls.

3649
JUN 10 1964

June 4, 1964

Shell Petroleum Company
270 First National Office Bldg.
Oklahoma City 2, Oklahoma

Re: Littman San Andres Unit
Lea County, New Mexico
and Andrews County, Texas

Attention: Mr. C. L. Ware

Gentlemen:

The Commissioner of Public Lands approved as of June 4, 1964, the Littman San Andres Unit, Lea County, New Mexico and Andrews County, Texas, subject to like approval by the United States Geological Survey.

This Unit Agreement and Waterflood Project was approved by the Oil Conservation Commission under Case No. 3049 and Case No. 3050, Order No. R-2714 and Order No. R-2715 as of June 3, 1964.

We are enclosing six Certificates of Approval together with one originally signed copy of the Unit Agreement, also enclosed is Official Receipt No. G-44179 in the amount of Forty five (\$45.00) Dollars which covers the filing fee.

Sohio Petroleum Company
Attention: Mr. C. L. Ware
June 4, 1964
- page 2 -

We are sending one originally signed Certificate of Approval to the United States Geological Survey, Oil and Gas Supervisor, P. O. Drawer 1857, Roswell, New Mexico, Attention Mr. John A. Anderson.

Please furnish this office any change in well numbers, also a copy of Operators Monthly report.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

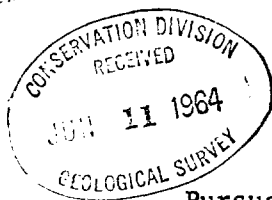
BY:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mmrc/v

cc:

United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico
Attention: Mr. John A. Anderson
Oil and Gas Supervisor

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



APPROVAL - CERTIFICATION - DETERMINATION

14-08-0001 8608

RECEIVED

JUN - 2 1964

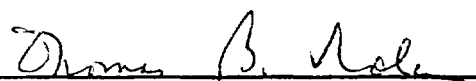
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Pursuant to the authority vested in the Secretary of the Interior under the Act approved February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181 et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, and delegated to the Director of the Geological Survey, pursuant to Departmental Order No. 2365 of October 8, 1947, 43 CFR Sec. 4.618, 12 FR 6784, I do hereby:

- A. Approve the attached secondary recovery Unit Agreement for the development and operation of the Littman San Andres Unit Area, in the Counties of Lea and Andrews in the States of New Mexico and Texas, respectively.
- B. Certify and determine that the unit plan for secondary recovery contemplated in the attached Agreement is necessary and advisable in the public interest and is for the purpose of more properly conserving the natural resources.
- C. Certify and determine that the drilling, producing, rental, minimum royalty and royalty requirements of the Federal lease or leases committed to said agreement are hereby established, altered, changed or revoked to conform with the terms and conditions of the Agreement.

Dated JUN 12 1964.

Contract No.


~~RECEIVED~~ Director
United States Geological Survey

Railroad Commission of Texas

OIL AND GAS DIVISION

ARTHUR H. BARBECK
Chief Engineer

COMMISSIONERS

BEN RAMSEY
Chairman

ERNEST O. THOMPSON
JIM C. LANGDON



AUSTIN, TEXAS

June 11, 1964

Sohio Petroleum Company
970 First National Bldg.
Oklahoma City, Oklahoma

Attention Mr. Robert L. McCormick

Gentlemen:

The Commission, at a formal conference held June 10, 1964, considered the above-mentioned application.

The Littman (San Andres) Unit Unitization Agreement, submitted for approval as Exhibit #12, at a hearing held May 20, 1964, was approved effective June 10, 1964; however, for administrative purposes, no amended proration schedule will be issued showing the changed conditions thereon, such as new unit and well designations, until the first (1st) day of July, so that the Proration Department may have time to acquire the necessary data (see enclosure) and to set up and work the new proration schedule.

During the interim period, all operators who have properties committed to the Unit will continue to file Commission required reports on an individual lease basis. When the new schedule has been worked and issued by the Proration Department, the proper unit authority will then file such reports on a unit basis.

Over-production accrued to an individual lease, if any, must either be balanced out by under-production or transferred to the Unit at the time operation of the individual tract under a unitized schedule of allowables and reports is commenced. Any tract having accrued over-production contrary to this provisions may not be merged into unit operations until the matter is corrected.

The injection program was approved as requested except that Tract 9, Well #1 may not be converted to injection service until 100% of the interests in said tract have been signed to the Unit. It is requested that the proper unit designation for the wells to be used for injection purposes be submitted to the Engineering Department of the Commission as soon as possible, so that they may be included in the formal injection order. If any of the wells to be used for injection

Sohio Petroleum Company

#2

6/11/64

purposes are converted producing wells, please advise the date such wells will cease to produce oil, so that their allowables may be cancelled.

The Commission also authorized transfer of allowables from wells converted to injection purposes, and authorized expansion of the program without the necessity of further hearing.

Yours very truly,

A handwritten signature in cursive script that reads "Patrick W. Kelly".

Patrick W. Kelly, Senior Engineer
for
Arthur H. Barbeck, Chief Engineer

PWK/LJ

Copy to Mr. Jules Delaune
RRC - Midland, Texas

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

DATE

June 12 - 1964

ADDRESS

Ethel Sims
Box 232
Esunice New Mexico

DATE

ADDRESS

ATTEST:

By

_____ President

ADDRESS

STATE OF _____)
COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____ and _____, his wife, both known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they each executed the same for the purposes and consideration therein expressed, and the said _____, wife of the said _____, having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said _____, acknowledged such instrument to be her act and deed, and she declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it; and the foregoing instrument was acknowledged before me this day by _____ and _____, his wife.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
County, _____

STATE OF New Mexico)
COUNTY OF Lea)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared Ethel Sims, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; and the foregoing instrument was acknowledged before me this day by Ethel Sims.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 12 day of June, A.D. 1964.

My Commission Expires:

February 8, 1967

James H. Borden
Notary Public in and for Lea County, New Mexico

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

DATE _____

ADDRESS _____

DATE June 5, 1964

_____Board of Trustees_____

ADDRESS Geneva College

_____Beaver Falls, Pennsylvania_____

ATTEST:

Ethel M. Lytle
Ethel M. Lytle, Secretary

By J. Merrill Robb
J. Merrill Robb, President
ADDRESS Geneva College

_____Beaver Falls, Pennsylvania_____

CERTIFICATE

I, Ethel M. Lytle, hereby certify that I am the
Secretary of the Board of Trustees of Geneva College, a
Pennsylvania non-profit corporation, and that at a meeting of the
said Trustees, duly called and legally held on May 28,
1964, at which meeting a quorum was present and acting throughout,
the following resolution was unanimously adopted:

RESOLVED that the President and the Secretary of the
Board of Trustees of the College be and they hereby are authorized
and directed, in the name and on behalf of the College, to
execute, and under its corporate seal to deliver to the Sohio
Petroleum Company a Ratification and Joinder to the Littman San
Andres Unit Agreement, Lea County, State of New Mexico, and
Andrews County, State of Texas, dated September 9, 1963.

And I hereby further certify that the aforesaid resolution
is still in full force and effect.

IN WITNESS WHEREOF I have hereunto set my hand and af-
fixed the official seal of Geneva College this 5th day of
June, 1964.


Secretary

ILLEGIBLE

STATE OF Pennsylvania)
)
COUNTY OF Beaver)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared J. Merrill Robb known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said Geneva College, a corporation, and that he executed the same as the act of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated; and the foregoing instrument was acknowledged before me this day by J. Merrill Robb of Geneva College, a Pennsylvania corporation, on behalf of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 5th day of June, A.D. 1964.

My Commission Expires:
CLEM R. DAVIDSON, Notary Public
MY COMMISSION EXPIRES
APRIL 4, 1965

Clem R. Davidson
Notary Public in and for Beaver
County, Penna.



3049

SOHIO PETROLEUM COMPANY

EXPLORATION DEPARTMENT

August 7, 1964

1964 AUG 10 AM 7:37

JOHN L. ROSS, MANAGER
E. E. YOUNG, ASST. MANAGER

OKLAHOMA CITY, OKLAHOMA 73102
970 FIRST NATIONAL OFFICE BLDG.

RE: U-413-46 and U-291-20
Littman San Andres Unit
Lea County, New Mexico
and Andrews County, Texas

Oil Conservation Commission of the
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

In compliance with your requirements, we furnish you herewith original, executed Ratification and Joinders to the Littman San Andres Unit Agreement as follows:

- (1) Robert W. Wakefield
- (2) Samuel N. Frishman

These instruments were received subsequent to our letter of July 23, 1964.

Yours very truly,

SOHIO PETROLEUM COMPANY, Operator

By

C. L. Ware
Staff Landman

CLW:wh
Encls.

MAIN OFFICE OCC

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, ^{1964 AUG 10, AM 7:37}
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

For the consideration stated in the above described Unit Agreement,
each of the undersigned hereby ratifies, confirms and joins in the execution
of said Unit Agreement which is hereby incorporated herein and made a part
hereof, to the same extent and effect as if the undersigned had executed the
original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit
Agreement and acknowledges that no representations not incorporated herein
or in said Unit Agreement have been made to the undersigned and that this
instrument has been signed and delivered unconditionally.

DATE Aug 4, 1964

Robert W. Wakefield
ADDRESS 325 Delaware Trust Bldg.
Wilmington, Delaware

DATE _____

ADDRESS _____

ATTEST:

By _____ President

ADDRESS _____

MAIN OFFICE 000

STATE OF _____)
COUNTY OF _____)

1954 AUG 10 AM 7:37

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____ and _____, his wife, both known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they each executed the same for the purposes and consideration therein expressed, and the said _____, wife of the said _____, having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said _____, acknowledged such instrument to be her act and deed, and she declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it; and the foregoing instrument was acknowledged before me this day by _____ and _____, his wife.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
County, _____

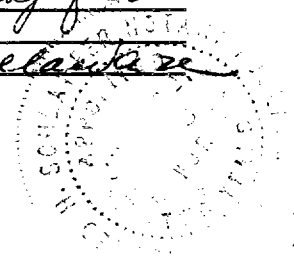
STATE OF Delaware
COUNTY OF New Castle

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared Robert W. Wakefield, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; and the foregoing instrument was acknowledged before me this day by Robert W. Wakefield.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 4th day of August, A.D. 1964.

My Commission Expires:
NOTARY PUBLIC OF DELAWARE
MY COMMISSION EXPIRES 6/29/65

Mildred H. Schaeffer
Notary Public in and for
New Castle County, Delaware



TOWN OFFICE 000
RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

DATE

June 17, 1964

ADDRESS

5518 E. 1st St.
Pittsburgh, PA

DATE

ADDRESS

ATTEST:

Joseph L. Kahn

JOSEPH L. KAHN, Alderman
My Commission Expires
First Monday in January 1968

By

President

ADDRESS



MAIN OFFICE

SOHIO PETROLEUM COMPANY

1964 JUL 11 PM 1:45

EXPLORATION DEPARTMENT

July 8, 1964

JOHN L. ROSS, MANAGER
E. E. YOUNG, ASST. MANAGER

OKLAHOMA CITY, OKLAHOMA 73102
970 FIRST NATIONAL OFFICE BLDG.

RE: U-413-46 and U-291-20
Littman San Andres Unit
Lea County, New Mexico and
Andrews County, Texas

Oil Conservation Commission for the
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

You are advised that the Unit Agreement, Littman San Andres Unit,
was filed for record:

June 18, 1964 at 10:00 A.M. and recorded in Book 219,
Page 369 of the Miscellaneous Records of Lea County,
New Mexico; and

June 18, 1964 at 8:40 A.M. and duly recorded the 19th
day of June 1964, in Volume 309, Page 1 of the Deed
Records of Andrews County, Texas.

The Certificate of Effectiveness, Unit Agreement, Littman San Andres
Unit, was filed for record:

June 29, 1964 at 9:10 A.M. and recorded in Book 220,
Page 239 of the Records of Lea County, New Mexico; and

June 22, 1964 at 8:00 A.M. and duly recorded the 24th
day of June, 1964, in Volume 309, Page 223 of the Deed
Records of Andrews County, Texas.

In compliance with your requirements we furnish you herewith original
Ratification and Joinders to the Littman San Andres Unit Agreement, which
have been received subsequent to our letter of June 19, 1964:

- (1) Frank A. Elliott, Jr.
- (2) J. Merrill Robb, President, Board of Trustees,
Geneva College.
- (3) Charlotte M. Sears, Adms. of Estate of Joseph H.
Sears.
- (4) Ethel Sims.

Yours very truly,
SOHIO PETROLEUM COMPANY, Operator

By C. L. Ware
C. L. Ware, Staff Landman

wh
Encls.

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

DATE _____

ADDRESS _____

DATE June 27, 1964

Frank A. Elliott
ADDRESS Greenwood, Delaware
RD #1

ATTEST:

By _____
President

ADDRESS _____

STATE OF _____)
COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____ and _____, his wife, both known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they each executed the same for the purposes and consideration therein expressed, and the said _____, wife of the said _____, having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said _____, acknowledged such instrument to be her act and deed, and she declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it; and the foregoing instrument was acknowledged before me this day by _____ and _____, his wife.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
County, _____

STATE OF Delaware)
COUNTY OF Surry)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared Stanh G. Elliott, Jr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; and the foregoing instrument was acknowledged before me this day by Stanh G. Elliott, Jr..

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 57th day of June, A.D. 1964.

My Commission Expires:

Dec, 1965

George L. Linnell
Notary Public in and for Surry County, Delaware

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

DATE

June 8, 1964

Charlotte M. Sears (widow)

Admx of Estate of Joseph H. Sears
ADDRESS Box 43

East Dennis, Mass

DATE

ADDRESS

ATTEST:

By

President

ADDRESS

STATE OF _____)
COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____ and _____, his wife, both known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they each executed the same for the purposes and consideration therein expressed, and the said _____, wife of the said _____, having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said _____, acknowledged such instrument to be her act and deed, and she declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it; and the foregoing instrument was acknowledged before me this day by _____ and _____, his wife.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
County, _____

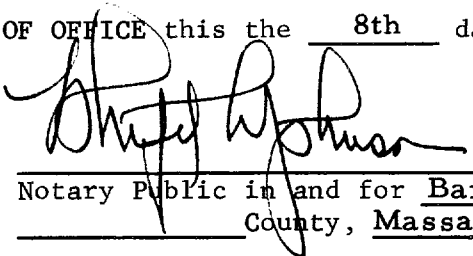
STATE OF Massachusetts)
COUNTY OF Barnstable)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared Charlotte M. Sears, Admx, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; and the foregoing instrument was acknowledged before me this day by Charlotte M. Sears, Admx.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 8th day of June, A.D. 1964.

My Commission Expires:

December 1, 1965


Notary Public in and for Barnstable
County, Massachusetts



SOHIO PETROLEUM COMPANY

EXPLORATION DEPARTMENT

1964 JUL 27 AM 7:38

JOHN L. ROSS, MANAGER
E. E. YOUNG, ASST. MANAGER

July 23, 1964

OKLAHOMA CITY, OKLAHOMA 73102
970 FIRST NATIONAL OFFICE BLDG.

RE: U-413-46 and U-291-20
Littman San Andres Unit
Lea County, New Mexico
and Andrews County, Texas

Oil Conservation Commission of the
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

In compliance with your requirements, we furnish you herewith original, executed Ratification and Joinders to the Littman San Andres Unit Agreement. These instruments have been received subsequent to our letter of June 19 and July 8, 1964:

- (1) E. Bernard Johnston, Executor UTW
of C. H. Kyte, Deceased
- (2) Amerada Petroleum Corporation
- (3) James M. Tunnell, Jr. and
Mildred S. Tunnell.

Yours very truly,

SOHIO PETROLEUM COMPANY, Operator

By C. L. Ware
C. L. Ware
Staff Landman

wh
CLW:wh
Encls.

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

E. Bernard Johnson, Executor UTW of
C. H. Kyte, Deceased

DATE 7-7-64

E. Bernard Johnson
ADDRESS Box 880
Roswell, N.M.

DATE _____

ADDRESS _____

ATTEST:

By _____ President
ADDRESS _____

STATE OF _____)
COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____ and _____, his wife, both known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they each executed the same for the purposes and consideration therein expressed, and the said _____, wife of the said _____, having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said _____, acknowledged such instrument to be her act and deed, and she declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it; and the foregoing instrument was acknowledged before me this day by _____ and _____, his wife.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
County, _____

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared E. Bernard Johnson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; and the foregoing instrument was acknowledged before me this day by E. Bernard Johnson, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 7th day of July, A.D. 1964.

My Commission Expires:

Nov 17 1967
Notary Public in and for Leta E. Adams
Chaves County, New Mexico

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

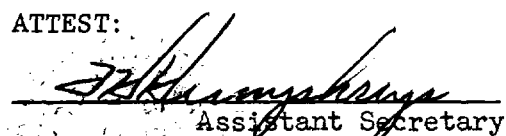
DATE _____

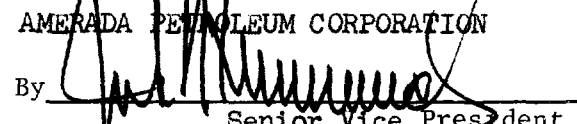
ADDRESS _____

DATE _____

ADDRESS _____

DATE June 26, 1964

ATTEST:

Assistant Secretary

AMERADA PETROLEUM CORPORATION
By 
Senior Vice President
ADDRESS P. O. Box 2040
Tulsa, Oklahoma

STATE OF OKLAHOMA)
)
COUNTY OF TULSA)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared John P. Hammond known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said AMERADA PETROLEUM CORPORATION, a corporation, and that he executed the same as the act of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated; and the foregoing instrument was acknowledged before me this day by John P. Hammond, Senior Vice President of AMERADA PETROLEUM CORPORATION, a Delaware corporation, on behalf of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 26th day of June, A.D. 19 64.

My Commission Expires:

My Commission Expires February 8, 1965

Jo Leonard
Notary Public in and for Tulsa
County, Oklahoma.

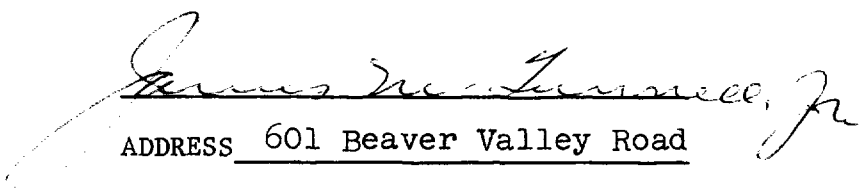
JO LEONARD

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

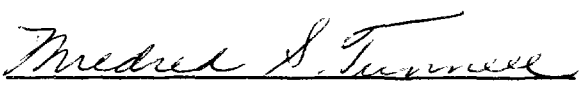
For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

DATE July 20, 1964


ADDRESS 601 Beaver Valley Road
Wilmington, Delaware 19803

DATE July 20, 1964


ADDRESS 601 Beaver Valley Road
Wilmington, Delaware 19803

ATTEST:

By _____
President

ADDRESS _____

STATE OF Delaware)
)
COUNTY OF New Castle)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared James M. Tunnell, Jr. and Mildred S. Tunnell, his wife, both known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they each executed the same for the purposes and consideration therein expressed, and the said Mildred S. Tunnell, wife of the said James M. Tunnell, Jr., having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said Mildred S. Tunnell, acknowledged such instrument to be her act and deed, and she declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it; and the foregoing instrument was acknowledged before me this day by James M. Tunnell, Jr. and Mildred S. Tunnell, his wife.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 20th day of June, A.D. 1964.

My Commission Expires:

June 1, 1965

James M. Tunnell, Jr.
Notary Public in and for Delaware
County, New Castle

STATE OF _____)
)
COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; and the foregoing instrument was acknowledged before me this day by _____.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
County, _____

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

CASE 3049

May 5, 1964

Mr. Paul A. Cooter
Attorney at Law
P. O. Drawer 700
Roswell, New Mexico

DOCKET MAILED

Date 5/15/64

Dear Paul:

Your application for approval of the Littman-San Andres Unit Agreement and Waterflood Project contains all required information. We will advertise the unit and waterflood as separate cases on the May 27, 1964, Examiner Hearing Docket, and issue a separate order in each case. If you desire, you may move to consolidate the cases for the purpose of testimony at the hearing. The docket will be printed and a copy mailed to you approximately ten days prior to the hearing.

Please contact me if you need additional information or assistance.

Very truly yours,

J. M. DURRETT, Jr.
Attorney

JMD/esr



SOHIO PETROLEUM COMPANY

EXPLORATION DEPARTMENT

JOHN L. ROSS, MANAGER
E. E. YOUNG, ASST. MANAGER

OKLAHOMA CITY, OKLAHOMA 73102
970 FIRST NATIONAL OFFICE BLDG.

October 15, 1964

RE: U-413-46 - U-291-20
Littman San Andres Unit
Lea County, New Mexico
and Andrews County, Texas

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

ATTENTION: Mr. A. L. Porter, Jr.

Enclosed for your information and files is an instrument entitled "Ratification and Joinder to Littman San Andres Unit Agreement, Lea County, New Mexico and Andrews County, Texas, dated September 9, 1963" which has been executed and acknowledged by Frank T. Foshee, Jr. and wife Jean Fay Horton Foshee.

This instrument has now been recorded in Volume 313 at Page 230 of the Deed Records of Andrews County, Texas, and is presently being recorded in Lea County, New Mexico.

Yours very truly,

SOHIO PETROLEUM COMPANY

C. L. Ware
Staff Landman

CLW:na

Enclosure

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

SAN ANTONIO OFFICE
OCT 19 64 AM 8 00

For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

DATE June 1, 1964

Frank J. Foshee, Jr.

ADDRESS _____

DATE Oct. 1, 1964

Frank J. Foshee Jr.
Jean Fay Horton Foshee

ADDRESS 2957 Kalakana

Honolulu, Hawaii

ATTEST:

By _____

President

ADDRESS _____

STATE OF _____)

CITY & COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____ and _____, his wife, both known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they each executed the same for the purposes and consideration therein expressed, and the said _____, wife of the said _____, having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said _____, acknowledged such instrument to be her act and deed, and she declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it; and the foregoing instrument was acknowledged before me this day by _____ and _____, his wife.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

_____, 19____

Leonora T. Broad
Notary Public _____
_____, _____ State of _____

STATE OF _____)

COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; and the foregoing instrument was acknowledged before me this day by _____.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
_____ County, _____

ILLEGIBLE

STATE OF _____)
)
COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____ known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said _____, a corporation, and that he executed the same as the act of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated; and the foregoing instrument was acknowledged before me this day by _____ of _____, a _____ corporation, on behalf of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
County, _____.

RECEIVED
OCT 19 1964
AM 10:11
SOHIO

SOHIO PETROLEUM COMPANY

EXPLORATION DEPARTMENT

JOHN L. ROSS, MANAGER
E. E. YOUNG, ASST. MANAGER

OKLAHOMA CITY, OKLAHOMA 73102
970 FIRST NATIONAL OFFICE BLDG.

October 14, 1964

RE: U-413-46 - U-291-20
Littman San Andres Unit
Lea County, New Mexico &
Andrews County, Texas

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico
Attention: Mr. A. L. Porter, Jr.

Gentlemen:

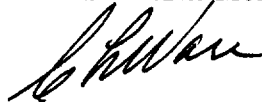
Attached for your information and files is a Ratification and Joinder to the Littman San Andres Unit Agreement executed by John L. Pratt on October 12, 1964.

With this Ratification we now have in hand Ratification and Joinders from all owners of interest in the Littman San Andres Unit and every tract is now 100% committed.

You are advised that we are this date sending the above Ratification for recording in Lea County, New Mexico, and in Andrews County, Texas

Yours very truly,

SOHIO PETROLEUM COMPANY



C. L. Ware
Staff Landman

CLW:na

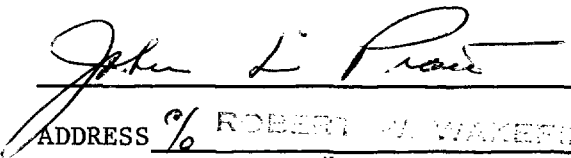
Attachment

RATIFICATION AND JOINDER TO THE
LITTMAN SAN ANDRES UNIT AGREEMENT, LEA COUNTY,
STATE OF NEW MEXICO, AND ANDREWS COUNTY,
STATE OF TEXAS, DATED SEPTEMBER 9, 1963

For the consideration stated in the above described Unit Agreement, each of the undersigned hereby ratifies, confirms and joins in the execution of said Unit Agreement which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned and that this instrument has been signed and delivered unconditionally.

DATE 10/12/64


ADDRESS % ROBERT A. WAKEFIELD
P. O. BOX 707
WILMINGTON 92, DELAWARE

DATE _____

ADDRESS _____

ATTEST:

By _____
President
ADDRESS _____

STATE OF _____)
COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____ and _____, his wife, both known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they each executed the same for the purposes and consideration therein expressed, and the said _____, wife of the said _____, having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said _____, acknowledged such instrument to be her act and deed, and she declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it; and the foregoing instrument was acknowledged before me this day by _____ and _____, his wife.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
County, _____

STATE OF Delaware
COUNTY OF New Castle

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared John L. Pratt, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; and the foregoing instrument was acknowledged before me this day by John L. Pratt.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 12th day of October, A.D. 1964.

My Commission Expires:

June 11, 1966

J. Swack
Notary Public in and for
New Castle County, Delaware

STATE OF _____)
)
COUNTY OF _____)

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared _____ known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said _____, a corporation, and that he executed the same as the act of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated; and the foregoing instrument was acknowledged before me this day by _____ of _____, a _____ corporation, on behalf of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, A.D. 19____.

My Commission Expires:

Notary Public in and for _____
County, _____.



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

June 25, 1964

Sohio Petroleum Company
970 First National Office Building
Oklahoma City, Oklahoma 73102

Attention: Mr. R. L. McCormick

Gentlemen:

Your undated initial plan of operation covering secondary recovery operations for the Littman San Andres unit, Lea County, New Mexico, and Andrews County, Texas, has been approved on this date subject to like approval by the appropriate State officials.

One approved copy of the plan is enclosed.

Sincerely yours,

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:

Washington (w/cy of plan)
Hobbs (w/cy of plan)
NMOCC, Santa Fe (ltr. only)✓
Com. of Public Lands, Santa Fe (ltr. only)



SOHIO PETROLEUM COMPANY

EXPLORATION DEPARTMENT

JOHN L. ROSS, MANAGER
E. E. YOUNG, ASST. MANAGER

OKLAHOMA CITY, OKLAHOMA 73102
970 FIRST NATIONAL OFFICE BLDG.

NOV 12 AM 11

3049

November 6, 1964

RE: U-413-46 - U-291-20
Littman San Andres Unit
Lea County, New Mexico and
Andrews County, Texas

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico
Attention: Mr. A. L. Porter, Jr.

Gentlemen:

This will advise that the Ratification and Joinder to the Littman San Andres Unit Agreement executed by John L. Pratt has now been recorded in Volume 313 at Page 398, Deed Records of Andrews County, Texas, and in Book 224 at Page 552, Records of Lea County, New Mexico.

With the recording in Lea County, New Mexico, of this Ratification, the royalty sign-up under the Littman San Andres Unit is now complete with 100% of the royalty owners now having signed Ratifications and all Ratifications have been duly recorded in both Andrews County, Texas and Lea County, New Mexico.

Yours very truly,

SOHIO PETROLEUM COMPANY

C. L. Ware
Staff Landman

CLW:na



SOHIO PETROLEUM COMPANY

EXPLORATION DEPARTMENT

JOHN L. ROSS, MANAGER
E. E. YOUNG, ASST. MANAGER

OKLAHOMA CITY, OKLAHOMA 73102
970 FIRST NATIONAL OFFICE BLDG.

October 27, 1964

RE: U-413-46 - U-291-20
Littman San Andres Unit
Lea County, New Mexico and
Andrews County, Texas

Oil Conservation Commission of the
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico
ATTENTION: A. L. Porter, Jr.

Gentlemen:

This will advise that the Ratification and Joinder to the Littman San Andres Unit Agreement executed by Mr. and Mrs. Frank T. Foshee, Jr., a copy of which was furnished to you, has now been recorded in Lea County, New Mexico in Book 224, Page 406.

You have previously been furnished the recording data on this instrument in Andrews County, Texas.

You are advised that the Ratification and Joinder instrument executed by Mr. John L. Pratt, a copy of which has been furnished to you, has now been recorded in Volume 313, Page 398, Deed Records of Andrews County, Texas, and is currently being recorded in Lea County, New Mexico. The Lea County recording data will be furnished when available.

Yours very truly,

SOHIO PETROLEUM COMPANY

C. L. Ware
Staff Landman

CLW:na

CLARENCE E. HINKLE
W. E. BONDURANT, JR.
S. B. CHRISTY IV
LEWIS C. COX, JR.
PAUL W. EATON, JR.
CONRAD E. COFFIELD
HAROLD L. HENSLEY, JR.
MICHAEL R. WALLER

LAW OFFICES
HINKLE, BONDURANT & CHRISTY

HINKLE BUILDING
ROSWELL, NEW MEXICO

May 25, 1964

OF COUNSEL: HIRAM M. DOW

TELEPHONE 622-6510
AREA CODE 505
POST OFFICE BOX 10

Atwood & Malone
Attorneys at Law
Security National Bank Building
Roswell, New Mexico

Attention: Mr. Paul A. Cooter

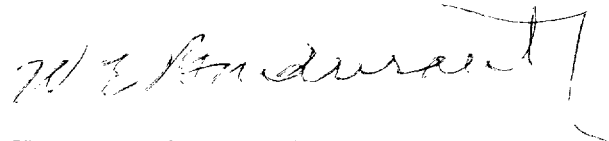
Gentlemen:

We have been handed a letter dated May 22nd from Sohio Petroleum Company enclosing the Unit Agreement for Littman San Andres Unit, Lea County, New Mexico, dated September 9, 1963.

We represent the C. H. Kyte Estate who own an interest under this Unit. We will recommend that the proper parties execute the Ratification and Joinder in behalf of the Estate. In the past our recommendations have been followed and we believe that they will be in the present instance.

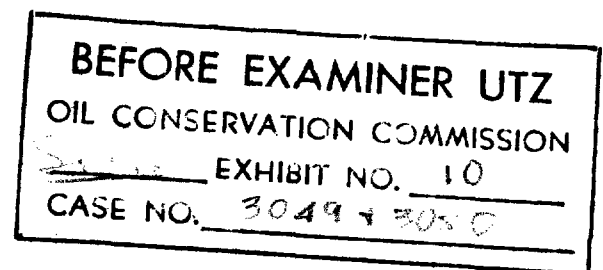
Yours very truly,

HINKLE, BONDURANT & CHRISTY



W. E. Bondurant, Jr.

WEB:tw



State of New Mexico

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 3049 + 3050



Commissioner of Public Lands

RECEIVED
MAR 21 1963
SOLIO PETROLEUM COMPANY
OKLAHOMA CITY LAND

E. S. JOHNNY WALKER
COMMISSIONER



P. O. BOX 791
SANTA FE, NEW MEXICO

March 19, 1963

Sohio Petroleum Company
970 First National Office Building
Oklahoma City 2, Oklahoma

Re: Proposed Littman San
Andres Unit, Lea
County, New Mexico
and Andrews County,
Texas

Attention: Mr. C. L. Ware

Gentlemen:

This office approves, as to form and content, the proposed Littman San Andres Unit Agreement, subject to two changes being made in the Unit Agreement, to wit:

- (a) ARTICLE 5; ENLARGEMENT OR CONTRACTION OF UNIT AREA. Our suggestion was to delete the words "where required" on page 6, ARTICLE 5.3.
- (b) ARTICLE 31; NON-JOINDER AND SUBSEQUENT JOINDER. Effective date of Joinder should provide for approval by the Commissioner of Public Lands and other administrative bodies if desired, on page 22, ARTICLE 31.4.

These two changes were discussed with Mr. Ware by telephone March 18, 1963, and it was my understanding he was in agreement with them.

Sohio Petroleum Company

Re: Proposed Littman San Andres Unit

Page 2

Please remit a Forty-five (\$45.00) Dollar filing fee at your earliest convenience.

Very truly yours

E. S. Johnny Walker
COMMISSIONER OF PUBLIC LANDS

BY: *Marian M. Rhea*
(Mrs.) Marian M. Rhea
Supervisor, Unit Division

ESW/mmr/e

cc:

United States Geological Survey
Roswell, New Mexico

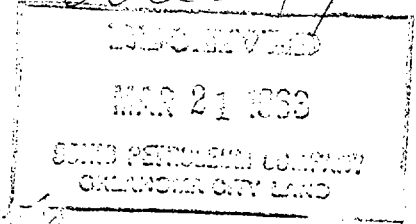
Oil Conservation Commission
Santa Fe, New Mexico

OTHER _____

State of New Mexico



Commissioner of Public Lands



E. S. JOHNNY WALKER
COMMISSIONER



P. O. BOX 791
SANTA FE, NEW MEXICO

March 19, 1963

Sohio Petroleum Company
970 First National Office Building
Oklahoma City 2, Oklahoma

Re: Proposed Littman San
Andres Unit, Lea
County, New Mexico
and Andrews County,
Texas

Attention: Mr. C. L. Ware

Gentlemen:

This office approves, as to form and content, the proposed Littman San Andres Unit Agreement, subject to two changes being made in the Unit Agreement, to wit:

- (a) ARTICLE 5; ENLARGEMENT OR CONTRACTION OF UNIT AREA. Our suggestion was to delete the words "where required" on page 6, ARTICLE 5.3.
- (b) ARTICLE 31; NON-JOINDER AND SUBSEQUENT JOINDER. Effective date of Joinder should provide for approval by the Commissioner of Public Lands and other administrative bodies if desired, on page 22, ARTICLE 31.4.

These two changes were discussed with Mr. Ware by telephone March 18, 1963, and it was my understanding he was in agreement with them.

Sohio Petroleum Company

Re: Proposed Littman San Andres Unit

Page 2

Please remit a Forty-five (\$45.00) Dollar filing fee at your earliest convenience.

Very truly yours

E. S. Johnny Walker
COMMISSIONER OF PUBLIC LANDS

BY: *Marian M. Rhea*
(Mrs.) Marian M. Rhea
Supervisor, Unit Division

ESW/mmr/e

cc:

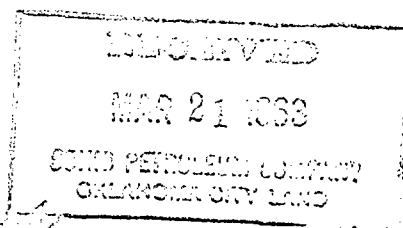
United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

State of New Mexico



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(Mrs.) Marian M. Rhea
Supervisor, Unit Division

ESW/mmnr/e
cc:

United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

AUG 13 1963

Case 3047
IN REPLY REFER TO:

*Mineral Survey
Page 5
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Page 16
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Page 19
Page 20
Page 21
Page 22*

Sohio Petroleum Company
970 First National Office Building
Oklahoma City 2, Oklahoma

Attention: Mr. Charles H. Burke

Gentlemen:

Your application of June 3, filed with the Regional Oil and Gas Supervisor, Roswell, New Mexico, requests the designation of 1,941.38 acres, more or less, Lea County, New Mexico, and Andrews County, Texas, as logically subject to operation under the unitization provisions of the Mineral Leasing Act, as amended.

The land outlined on your plat marked "Exhibit A, Littman San Andres Unit" is acceptable as a logical unit area for secondary recovery purposes. Unitization, for the purpose of conducting secondary operations by water flooding, will be limited to the San Andres formation as identified in Section 2 of the proposed unit agreement form. The area to be unitized, developed by the completion of 29 producing oil wells in the San Andres formation, contains 490.69 acres of Federal land (25.275 percent), 170.69 acres of State of New Mexico land (8.79 percent), and 1,280 acres of fee land (65.935 percent). You estimate that 1,723,900 barrels of oil will be recovered by the water flood project over and above the total amount of oil to be recovered by primary production methods.

Participation in unitized substances will be based 10 percent on the number of wells, 20 percent on water flood acre feet, 30 percent on remaining primary production as of October 1, 1961, and 40 percent on cumulative primary production to October 1, 1961.

Your proposed form of unit agreement which modifies the 1961 reprint of the standard form of unit agreement to the extent necessary to cover conditions incidental to secondary recovery operations of a producing unit, will be acceptable if further modified as marked by colored pencil and by attached riders. One copy of the marked form is returned herewith, and the remaining copies are retained for the appropriate offices of the Geological Survey.

In the absence of any type of land requiring special provisions or any objections not now apparent, a duly executed agreement conformed to the marked copy and accompanied by an acceptable allocation schedule calculated in accordance with the basic participation formula, will be approved if submitted in approval status within a reasonable period of time. However, the right is reserved to deny approval of any executed agreement which, in our opinion, does not have the full commitment of sufficient lands to afford effective control of secondary recovery operations.

Include the latest status of all acreage when the executed agreement is submitted for approval. The lease number for tract 3 shown by exhibit B as Las Cruces 069408 should be corrected to Las Cruces 069048. The format of the sample exhibits attached to the 1961 reprint of the standard form should be followed closely in preparation of exhibits A and B.

2 { Inasmuch as this unit area contains State of New Mexico lands, we are sending a copy of this letter to the Commissioner of Public Lands at Santa Fe and you are requested to contact the State of New Mexico before soliciting joinders.

Sincerely yours,


Acting Director



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

IN REPLY REFER TO:

AUG 13 1963

Minor changes
Page 5
Page 11
Page 16
Page 17
Page 20

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BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 3049 + 3050

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