

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

TONEY ANAYA

July 12, 1983

POST OFFICE BOX 2088 STATE LAND OFF CE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-5800

El Paso Natural Gas Co. P.O. Box 1492 El Paso, Texas 79978

Attention: D. N. Canfield

Re: Unit Agreements Northwest New Mexico

Dear Mr. Canfield:

Enclosed please find the approved copies of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the United States Minerals Management Service.

Sincerely, ROY E. JOHNSON Petroleum Geologist

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REJ/dp

cc: Commissioner of Public Lands - Santa Fe Minerals Management Service - Albuquerque OCD District Office - Aztec



P. O. BCX 1492 EL PASO, TEXAS 79978 PHONE, 915-541-2600

July 25, 1983

rug - 1 (je) OIL COMPERVATION DIVICION SANTA TE

Bureau of Land Management South Central Region 505 Marquette Avenue, N.W., Suite 815 Albuquerque, New Mexico 87102

Oil Conservation Division State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1983 Drilling Program

#544

Gentlemen:

The 1983 Drilling Program for the San Juan 30-4 Unit was approved by the regulatory bodies on the dates indicated:

Bureau of Land Management7-7-83Oil Conservation Commission6-23-83

Copies of this letter are being sent to the working interest owners of the above unit.

Very truly

Van L. Goebel Landman Land Department

VLG:cc San Juan 30-4 Unit, 3.0

SAN JUAN 30-4 UNIT WORKING INTEREST OWNERS

Mrs. Dorothy Abercrombie

Mr. J. R. Abercrombie

William E. Alsup, Jr., Anc. Exec. of the Est. of William E. Alsup, Dec'd.

Amoco Production Company (4)

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Thomas Dugan, et ux

Flag-Redfern Oil Company

Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mr. T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Prop.

Phillips Oil Company

Phillips Petroleum Company

Mr. H. O. Pool, Trustee of the H. O. Pool Trust

Mr. Joe Quinn

James M. Raymond, Individually and as Attorney-in-Fact for Mabelle McElvain Miller, Trustee for Corinne Miller Gay Trust and Trustee for Mardell Miller Mast Trust

Mr. M. A. Romero

Max B. Rotholz

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A Brown, Trustees under the Last Will and Testament of Algernon W. Brown

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Mar 17 1983

El Paso Natural Gas Attention: D. N. Canfield P. O. Box 1492 El Paso, Texas 79978

Gentlemen:

Three approved copies of your 1983 Plan of Development for the San Juan 30-4 unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing the drilling of no wells during calendar year 1983, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

Assistant District Manager for Minerals

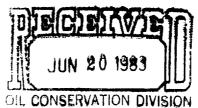
Laclosure

cc: NMOCD Commissioner Public Lands Farmington Resource Area (w/enclosure) Unit File San Juan 30-4 O & G Chrono

SEUmshler:pmr:7-6-83

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SANTA FE

#544

P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543-2600

June 8, 1983

Bureau of Land Management South Central Region 505 Marquette Avenue, N.W., Suite 815 Albuquerque, New Mexico 87102

Oil Conservation Division State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1983 Drilling Program

Gentlemen:

By letter dated March 31, 1982, El Paso Natural Gas Company, as Unit Operator, for the San Juan 30-4 Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1982. This Program provided for the drilling of no wells.

As of this date, the total number of wells in the San Juan 30-4 Unit is as follows:

Pictured Cliffs (Commercial)19Pictured Cliffs (Non-commercial)2Pictured Cliffs (Plugged and Abandoned)7Mesaverde (Commercial)2Dakota131

El Paso Natural Gas Company, as Unit Operator, hereby submits a Drilling Program providing for the drilling of no wells during the calendar year of 1983. Regulatory Agencies June 8, 1983 Page Two

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPA

Banqued D. N. Canfield Attorney-in-Fact

DNC:MLB:1jg Attachment San Juan 30-4, 3.0

SAN JUAN 30-4 UNIT WORKING INTEREST OWNERS

Mrs. Dorothy Abercrombie Mr. J. R. Abercrombie William E. Alsup, Jr., Anc. Exec. of the Est. of William E. Alsup, Dec'd. Amoco Production Company (4) Mrs. Lela L. Barkley Mrs. Evelyn G. Brown Mr. James A. Brown Mr. Thomas Dugan, et ux Flag-Redfern Oil Company Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn Mr. Ralph H. McCullough Mr. T. H. McElvain, Jr. T. H. McElvain Oil & Gas Prop. Phillips Oil Company Phillips Petroleum Company Mr. H. O. Pool, Trustee of the H. O. Pool Trust Mr. Joe Quinn James M. Raymond, Individually and as Attorney-in-Fact for Mabelle McElvain Miller, Trustee for Corinne Miller Gay Trust and Trustee for Mardell Miller Mast Trust Mr. M. A. Romero Max B. Rotholz Mr. Robert P. Tinnin Mrs. Evelyn E. Wallace & James A Brown, Trustees under the Last Will and Testament of Algernon W. Brown

Minerals Management Service (Subject to like approval by the Commissioner of Public Lands and the Oil Conservation Division)

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APPROVED:

Oil Conservation Division (Subject to like approval by the Minerals Management Service and the Commissioner of Public Lands)

DATED: 6-23-53

The foregoing approvals for the 1983 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico



MAY 1 2 1982

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El Paso Natural Gas Company Attention: D. N. Canfield P. O. Box 1492 El Paso, Texas 79978

Gentlemen:

Three approved copies of your 1982 plan of development for the San Juan 30-4 unit area, RIO Arriba County, New Mexico, are enclosed. Such plan, proposing to drill no new wells during 1982, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility might exist of drainage by wells outside of the unit boundary. You will be contacted by our Development Unit about this possibility.

Sincerely yours,

(ORIG.SGD.)JOE G.LARA FOR Gene F. Daniel Deputy Minerals Manager 011 and Gas

Enclosure

cc: NMOCD, Santa Fe DS, Farmington (w/encl)



BRUCE KING

GOVERNOR

LARRY KEHOE

SECRETARY

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

April 19, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79978

1. 1. 1.

Attention: Mr. D. N. Canfield

Re: 1982 Plan of Development for San Juan 30-4 Unit, Rio Arriba County, New Mexico

Dear Mr. Canfield:

The New Mexico Oil Conservation Division has this date approved your 1982 Plan of Development for the San Juan 30-4 Unit, Rio Arriba County, New Mexico. Our approval is subject to like approval by the Minerals Management Service and the Commissioner of Public Lands of the State of New Mexico.

Sincerely,

W. PERRY PEARCE General Counsel

WPP/d \mathbf{r}

cc: Minerals Management Service - Albuquerque Commissioner of Public Lands - Santa Fe



AS 79978 915-543-2600 SANTA FE

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March 31, 1982

Area Oil and Gas Supervisor United States Geological Survey Post Office Box 26124 Albuquerque, New Mexico 87125

Oil Conservation Division State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1982 Drilling Program

Gentlemen:

By letter dated November 7, 1980, El Paso Natural Gas Company, as Unit Operator for the San Juan 30-4 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1981. This Program provided for the drilling of no wells.

As of this date, the total number of wells in the San Juan 30-4 Unit is as follows:

Pictured Cliffs (Commercial)	19
Pictured Cliffs (Non-commercial)	2
Pictured Cliffs (Plugged and Abandoned)	7
Mesaverde (Commercial)	2
Dakota	1
	31

El Paso Natural Gas Company, as Unit Operator, hereby submits a Drilling Program providing for the drilling of no wells during the calendar year 1982.

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners. March 10, 1982 Page Two

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

anjued D. N. Canfield

Attorney-In-Fact

DNC/RJH/gs Attachments San Juan 30-4 Unit, 3.0

Approved:

Area Oil & Gas Supervisor United States Geological Survey Subject to like approval by the Commissioner of Public Lands and the Oil Conservation Division

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Approved:

DATE: 4/ 9/ 2

Oil Conservation Division Subject to like approval by the United States Geological Survey and the Commissioner of Public Lands

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The foregoing approvals for the 1982 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

DATE:

SAN JUAN 30-4 UNIT WORKING INTEREST OWNERS

Phillips Petroleum Company Mrs. Dorothy Abercrombie Mr. H. O. Pool, Trustee of Mr. J. R. Abercrombie the H. O. Pool Trust William E. Alsup, Jr., Anc. Exec. Mr. Joe Quinn of the Est. of William E. Alsup, Dec'd. James M. Raymond Amoco Production Company Attn: Land Department Mr. M. A. Romero Denver, Colorado Max B. Rotholz Amoco Production Company Attn: Production Department Mr. Robert P. Tinnin Denver, Colorado Amoco Production Company

Farmington, New Mexico Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mr. T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Prop.

- James M. Raymond, Ind. and as Attorney-in-Fact for Mabelle McElvain Miller
- James M. Raymond, Trustee for Corinne Miller Gay Trust

James M. Raymond, Trustee for Maydell Miller Mast Trust

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Mrs. Evelyn E. Wallace & James A Brown, Trustees under the Last Will and Testament of Algernon W. Brown



United States Department of the Interior

GEOLOGICAL SURVEY South Central Region P. O. Box 26124 Albuquerque, New Mexico 87125 17 Entropy Contract of Contract Sector State State

El Paso Natural Gas Company Attention: D. N. Canfield P. O. Box 1492 El Paso, Texas 79978

Gentlemen:

Three approved copies of your 1981 plan of development for the San Juan 30-4 unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing no additional drilling with the exception that any well will be drilled if required to prevent drainage of unitized substances, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

ORIGINAL SIGNED BZ:

Gene F. Daniel Deputy Conservation Manager Oil and Gas

Enclosures

cc: NMOCD, Santa Fe (ltr only)

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

December 8, 1980

El Paso Natural Gas Company P. U. Box 1492 El Paso, Texas 79978

Attention: D. N. Canfield

Re: Case No. 544 San Juan 30-4 Unit 1931 Drilling Program

Gentlemen:

We hereby approve the 1981 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Drilling Program is returned herewith.

Yours very truly,

JOE D. RANEY Director

JDR/EP/fd
enc.

cc: U.S.G.S. - Roswell Commissioner of Public Lands



P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543-2600

November 7, 1980

Area Oil and Gas Supervisor United States Geological Survey P. O. Box 26124 Albuquerque, New Mexico 87125

Oil Conservation Division State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1981 Drilling Program

Gentlemen:

By letter dated January 7, 1980, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-4 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1980. This Program provided for the drilling of one (1) Dakota well (#39).

The #39 Dakota Formation Well is currently being drilled.

As of this date, the total number of wells in the San Juan 30-4 Unit is as follows:

El Paso Natural Gas Company, as Unit Operator, hereby submits a Drilling Program providing for the drilling of no wells during the calendar year 1981.

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners. Area Oil and Gas Supervisor Oil Conservation Division Page Two

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

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D. N. Canfield **Sr.** Attorney-in-Fact

DNC/JL/en Attachments San Juan 30-4 Unit, 3.0 APPROVED:

Area Oil & Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Division

APPROVED:

-

DATE: 12/8/80

Oil Conservation Division Subject to like approval by the United States Geological Survey

The foregoing approvals for the 1981 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT WORKING INTEREST OWNERS

Mrs. Evelyn E. Wallace & James A Brown, Mrs. Dorothy Abercrombie Trustees under the Last Will and Testament of Algernon W. Brown Mr. J. R. Abercrombie William E. Alsup, Jr., Anc. Exec. Max Rotholz of the Est. of William E. Alsup, Dec'd. Amoco Production Company Denver, Colorado Amoco Production Company Farmington, New Mexico Mrs. Lela L. Barkley Mrs. Evelyn G. Brown Mr. James A. Brown Mr. Thomas Dugan, et ux Flag-Redfern Oil Company General American Oil Company of Texas Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn Mr. Ralph H. McCullough Mrs. Catherine B. McElvain, Ind. and as Exec. of the Est. of T. H. McElvain, Dec'd. Mr. T. H. McElvain, Jr. Mabelle M. Miller Phillips Petroleum Company Mr. H. O. Pool, Trustee of the H. O. Pool Trust Mr. Joe Quinn James M. Raymond Mr. M. A. Romero Mr. Robert P. Tinnin



P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543-2600



September 15, 1980

544

Area Oil and Gas Supervisor United States Geological Survey P. O. Box 26124 Albuquerque, New Mexico 87125

Oil Conservation Division State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1980 Drilling Program

Gentlemen:

The 1980 Drilling Program for the referenced unit was approved by the regulatory agencies on the following dates:

United States Geological Survey April 10, 1980

Oil Conservation Division

February 20, 1980

Copies of this letter are being sent to the working interest owners of the referenced unit.

Very truly yours,

Jin Leon

Jim Leon Landman Land Department

JL/en SJ 30-4 Unit, 3.0

SAN JUAN 30-4 UNIT WORKING INTEREST OWNERS

Mrs. Evelyn E. Wallace & James A Brown, Mrs. Dorothy Abercrombie Trustees under the Last Will and Testament of Algernon W. Brown Mr. J. R. Abercrombie Max Rotholz William E. Alsup, Jr., Anc. Exec. of the Est. of William E. Alsup, Dec'd. Amoco Production Company Attn: Mr. T. Curtis Denver, Colorado Amoco Production Company Attn: Mr. L. O. Speer, Jr. Farmington, New Mexico Mrs. Lela L. Barkley Mrs. Evelyn G. Brown Mr. James A. Brown Mr. Thomas Dugan, et ux Flag-Redfern Oil Company General American Oil Company of Texas Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn Mr. Ralph H. McCullough Mrs. Catherine B. McElvain, Ind. and as Exec. of the Est. of T. H. McElvain, Dec'd. Mr. T. H. McElvain, Jr. Mabelle M. Miller Phillips Petroleum Company Mr. H. O. Pool, Trustee of the H. O. Pool Trust Mr. Joe Quinn James M. Raymond Mr. M. A. Romero Mr. Robert P. Tinnin

United Clates Department of the Interior



GEOLOGICAL SURVEY South Central Region P. O. Box 26124 Albuquerque, New Mexico 87125 June 3 Commentation State Albuquerque State State State Albuquerque State Sta

El Paso Natural Gas Company Attention: D. N. Canfield P. O. Box 1492 El Paso, Texas 79978

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JUN-2 5 1980

Gentlemen:

Three approved copies of your 1980 plan of development for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing to drill well No. 39 to test the Dakota formation and to drill any offset wells required to prevent drainage, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SCO.) JENE & DANIEL

Gene F. Daniel Acting Deputy Conservation Manager, Oil and Gas

- 76

Enclosures 3

cc: NMOCD, Santa Fe



United States Department of the Interior

GEOLOGICAL SURVEY P. O. Box 26124 Albuquerque, New Mexico 37125

APR 1 5/2

El Paso Natural Gas Company Attention: Mr. D.N. Canfield P. O. Box 1492 El Paso, Texas 79978

Gentlemen:

The 1980 plan of development submitted for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such plan proposes the drilling of a Dakota well in the W_2 sec. 18, T. 30 N., R. 4 W., N.N.P.M., and three approved copies are enclosed.

Sincerely yours,

Area 0il and Gas Supervisor, SRMA

Enclosure

cc: NMOCD, Santa Fe (ltr only)



ONE HUNDRED YEARS OF EARTH SCIENCE IN THE PUBLIC SERVICE

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

February 20, 1980

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79978

Attention: D. N. Canfield

Re: Case No. 544 San Juan 30-4 Unit 1980 Drilling Program

Gentlemen:

We hereby approve the 1980 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Drilling Program is returned herewith.

Yours very truly,

JOE D. RAMEY Director

JDR/EP/fd enc.

cc: U.S.G.S. - Roswell Commissioner of Public Lands

EI Paso NATURAL GAS COMPANY

P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543-2600

January 7, 1980

Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Oil Conservation Division State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

OR for approval 2/19/80 2/19/80

Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1980 Drilling Program

Gentlemen:

By letter dated January 15, 1979, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-4 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1979. This Program provided for the drilling of no wells and none were drilled.

As of this date, the total number of wells in the San Juan 30-4 Unit is as follows:

Pictured Cliffs, Commercial	19
Pictured Cliffs, Non-commercial	2
Pictured Cliffs, Plugged and Abandoned	7
Mesaverde, Commercial	2
	30

El Paso Natural Gas Company, as Unit Operator, hereby submits a Drilling Program providing for the drilling of the following well during the calendar year 1980.

Well	Drilling Block	Formation
#39	W/2 Sec. 18, T-30-N, R-4-W	Dakota

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners. Regional Oil and Gas Supervisor Oil Conservation Division Page Two

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

p. N. Carifield

D. N. Canfield Attorney-in-Fact

DNC/DCH/sfg Attachments San Juan 30-4 Unit, 3.0 SAN JUAN 30-4 UNIT MORKING INTEREST OWNERS

Mrs. Dorothy Abercrombie

Mr. J. R. Abercrombie

William E. Alsup, Jr., Ancillary Executor of the Estate of William E. Alsup, Deceased

Amoco Production Company ATTN: Mr. T. M. Curtis Denver, Colorado 80202

Amoco Production Company ATTN: Mr. L. O. Speer, Jr. Farmington, New Mexico 87401

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain, Deceased

Mr. T. H. McElvain, Jr.

Mabelle M. Miller

Phillips Petroleum Company

Mr. H. O. Pool Trust of The H. O. Pool Trust

Mr. Joe Quinn

Mr. M. A. Romero

Mr. Robert P. Tinnin

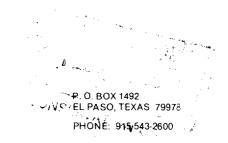
Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

James M. Raymond

DATE: APPROVED: Regional Oil and Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Division DATE: 2/21/80 APPROVED: Oil Conservation Division Subject to like approval by the United States Geological Survey

The foregoing approvals for the 1980 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.





February 6, 1979

United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Oil Conservation Division State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

No. 544

Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1979 DRILLING PROGRAM

Gentlemen:

The 1979 Drilling Program for the referenced unit, operated by El Paso Natural Gas Company, was approved as follows:

United States Geological Survey Oil Conservation Division January 30, 1979 February 1, 1979

A copy of this letter will be furnished to the working interest owners of the San Juan 30-4 Unit.

Very truly yours,

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Jéanne L. Morrison Associate Landman Land Department Energy Resource Development

JLM/sfg SJ 30-4 Unit 3.0, 5.0 cc: Working Interest Owners

SAN JUAN 30-4 UNIT WORKING INTEREST OWNERS

Mrs. Dorothy Abercrombie Mr. J. R. Abercrombie William E. Alsup, Jr., Ancillary Executor of the Estate of William E. Alsup, Deceased Amoco Production Company ATTN: Mr. T. M. Curtis Denver, Colorado 80202 Amoco Production Company ATTN: Mr. L. O. Speer, Jr. Farmington, New Mexico 87401 Mrs. Lela L. Barkley Blackwood & Nichols Company Mrs. Evelyn G. Brown Mr. James A. Brown Mr. Thomas Dugan, et ux Flag-Redfern Oil Company General American Oil Company of Texas Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn Mr. Ralph H. McCullough Mrs. Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain, Deceased Mr. T. H. McElvain, Jr. Mabelle M. Miller Phillips Petroleum Company Mr. H. O. Pool Mr. Joe Quinn Mr. M. A. Romero Mr. Robert P. Tinnin Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

James M. Raymond

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

February 1, 1979

El Paso Natural Gas Company P. O. Eox 1492 El Paso, Texas 79978

Attention: D. N. Canfield

Re: Case No. 544 San Juan 30-4 Unit 1979 Drilling Program

Gentlemen:

We hereby approve the 1979 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Drilling Program is returned herewith.

Yours very truly,

JOE D. RAMEY Director

JDR/LT/fd enc.

cc: U.S.G.S. - Roswell Commissioner of Public Lands



United States Department of the Interior

GEOLOGICAL SURVEY P. O. Box 26124 Albuquerque, New Mexico 87125

JAN 3 0 1979

El Paso Natural Gas Company Attention: Mr. D. N. Canfield P. O. Box 1492 El Paso, Texas 79978

544

Gentlemen:

Your 1979 plan of development proposes the drilling of no additional wells for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, which was contracted effective September 1, 1976, to eliminate all lands not in a participating area. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico and three approved copies are enclosed.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

0il and Gas Supervisor, SRMA

Enclosures (3)

CC: NMOCD, Santa Fe (ltr. only) Com. Pub. Lands, Santa Fe (ltr. only)



P. O. BOX 1492 EL PASC, 1 FXAS 179978 PHONE 915-543-2610

January 15, 1979

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Oil Conservation Commission ⁵⁵ State of New Mexico P. O. Box 2088 Santa Fe, New Mexico 87501

approve Mr. 544

Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1979 DRILLING PROGRAM

Gentlemen:

By letter dated January 23, 1978, El Paso Natural Gas Company, as Unit Operat of the San Juan 30-4 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1978. This Program provided for the drilling of no wells and none were drilled.

As of this date, the total number of wells in the San Juan 2004 Unit is as follows:

Pictured Cliffs, Commercial	19
Pictured Cliffs, Non-commercial	2
Pictured Cliffs, Plugged and Abandoned	7
Mesaverde, Commercial	_2
	30

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of no wells during the calendar year 1979.

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners. Page Two

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown the attached sheet.

Very truly yours,

. Canfreed

D. N. Canfield Director of Land Energy Resource Development

DNC/JLM/sfg Attachments San Juan 30-4 Unit, 3.0 APPROVED:

DATE:

Regional Oil and Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Commission

APPROVED:

Oil Conservation Commission Subject to like approval by the United States Geological Survey

The foregoing approvals are for the 1979 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

2/29 DATE: 2

SAN JUAN 30-4 UNIT WORKING INTEREST OWNERS

Mrs. Dorothy Abercrombie

Mr. J. R. Abercrombie

William E. Alsup, Jr., Ancillary Executor of the Estate of William E. Alsup, Deceased

Amoco Production Company ATTN: Mr. T. M. Curtis Denver, Colorado 80202

Amoco Production Company ATTN: Mr. L. O. Speer, Jr. Farmington, New Mexico 87401

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain, Deceased

Mr. T. H. McElvain, Jr.

Mabelle M. Miller

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

James M. Raymond



P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE 915 543 260 PC

February 15, 1978

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

Nº 244

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit Rio Arriba County, New Mexico 1978 DRILLING PROGRAM

Gentlemen:

The 1978 Drilling Program for the referenced unit was approved by the regulatory bodies on the following dates:

United States Geological Survey Commissioner of Public Lands Oil Conservation Commission February 3, 1978 Not Applicable February 8, 1978

Copies of this letter are being sent to the working interest owners of the referenced unit.

Very truly yours,

Derold Maney Landman Land Department Energy Resource Development

DM:jm San Juan 30-4 Unit, 3.0

SAN JUAN 30-4 UNIT WORKING INTEREST OWNERS

Mrs. Dorothy Abercrombie

Mr. J. R. Abercrombie

William E. Alsup, Jr., Ancillary Executor of the Estate of William E. Alsup, Deceased

Amoco Production Company ATTN: Mr. T. M. Curtis Denver, Colorado 80202

Amoco Production Company ATTN: Mr. L. O. Speer, Jr. Farmington, New Mexico 87401

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain, Deceased

Mr. T. H. McElvain, Jr.

Mabelle M. Miller

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

February 8, 1978

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79978

Attention: D. N. Canfield

Re: Case No. 544 San Juan 30-4 Unit 1978 Drilling Program

Centlemen:

We hereby approve the 1978 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Orilling Program is returned herewith.

Very truly yours,

JOE D. RAMEY Secretary-Director

JDR/LT/fd enc.

cc: U.S.G.S. - Roswell Commissioner of Public Lands



United States Department of the Interior

GEOLOGICAL SURVEY

F. S. sox 26124 Alluquerque, les Mexico 87125

FEE 2 3 1978

Sa.

El Paso Lutural Gas Company Actantion: Mr. J. H. Canfield P. J. Pox 1492 El Paso, Texas (70070)

-n. 544

Featlenee:

Enree approves copies of your 1970 [lan of levelopment for the Sen Juan 20-4 unit area, Nie Arriba County, New Nexico, are cholesed. Fuch plan, proposition the arithing of no wells during the colondar year 1070, was approved on this data subject to like approval by the appropriate officials of the State of Sen Dexico.

Sincerely yours,

(OPIG. SGD.) JAMES W. SUTHERLAND

CREA OL NUT GAT ELYERVISOR, SRMA

Enclosures

cc: NMOCC, Santa Fe (ltr. only) Com. Pub. Lands, Santa Fe (ltr. only)

State of New Mexico



Commissioner of Public Lands

January 24, 1978

P. O. BOX 1148 SANTA FE, NEW MEXICO 87501

Si Paso Natural Cas Company P. C. Box 1492 Li Paso, Texas 70570

> Ke: San Juan 30-4 Unit Kio Arriba County, New Mexico 1978 DRILLING PROGRAM

ATTENTION: Mr. D. N. Canfield

Gentlemen:

we are in receipt of one copy of your 1975 orilling Program for the an Juan 10-4 Unit, Wio Arriba County, New Maxico.

lines this suit has no trate of New Mexico lands we have the state files for record purposes only.

Very truly yours,

FREE LUCERO COMMISSIONER OF PUBLIC LANDE

BY: BAY D. GRABAM, Director Oil and Cas Division

PEL/RDG/s

cc:

OCC-Santa Fe, New Mexico USGS-Roswell, New Mexico USGS-Albuquerque, New Mexico

REUEINE 1978 JAN 2 & 1978 Oil Consociation Commission



PHIL R. LUCERO

COMMISSIONER



P.O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543 2600

January 23, 1978

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

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

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1978 DRILLING PROGRAM

Gentlemen:

By letter dated February 25, 1977, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-4 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1977. This Program provided for the drilling of no wells and none were drilled.

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As of this date, the total number of wells in the San Juan 30-4 Unit is as follows:

Pictured Cliffs, Commercial19Pictured Cliffs, Non-commercial2Pictured Cliffs, Plugged and Abandoned7Mesaverde, Commercial230

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of no wells during the calendar year 1978. Regional Oil and Gas Supervisor Oil Conservation Commission Page Two

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached Sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,

angreed

D. N. Canfield Director of Land Energy Resource Development

DNC/DM/ag Attachments San Juan 30-4 Unit. 3.0

cc: Commissioner of Public Lands (Information only)

APPROVED:

DATE:

Regional Oil and Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Commission

APPROVED:

Oil Conservation Commission Subject to like approval by the United States Geological Survey DATE: <u>2/8/28</u>

The foregoing approvals are for the 1978 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. J. R. Abercrombie

Dr. W. E. Alsup

۰,

Amoco Production Company Denver, Colorado

Amoco Production Company Farmington, New Mexico

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

Thomas Dugan

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

Mabelle M. Miller

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Texas Commerce Bank N.A.

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown



P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543-2600

April 4, 1977

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit Rio Arriba County, New Mexico 1977 DRILLING PROGRAM

Gentlemen:

The 1977 Drilling Program for the referened unit was approved by the regulatory bodies on the following dates:

United States Geological Survey Commissioner of Public Lands Oil Conservation Commission March 30, 1977 Not Applicable March 30, 1977

Copies of this letter are being sent to the working interest owners of the referenced unit.

Yours very truly, Derold Maney

Landman Land Department Energy Resource Development

DM/mb SJ 30-4 Unit 3.0



United States Department of the Interior

GEOLOGICAL SURVEY

Conservation Division Western Bank Building 505 Marquette, NM, Room 815 Albuquerque, New Mexico 87102

El Paso Natural Gas Company Attention: Mr. D. N. Canfield P.O. Box 1492 El Paso, Texas 79978

Gentlemen:

Three approved copies of your 1977 plan of development for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing no additional drilling with the exception that any well will be drilled if required to prevent drainage of unitized substances, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIGUNGD.) LINTENEN, STATE LEND

Area 011 and Gas Supervisor

Enclosure

cc: NMOCC, Santa Fe (ltr. only) Com. Pub. Lands, Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

March 30, 1977

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Re: 1977 Drilling Program San Juan 30-4 Unit, Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1977 providing for the drilling of no wells for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

One approved copy of the program is returned herewith.

Very truly yours,

JOE D. RAMEY Secretary-Director

JDR/JEK/og

cc: United States Geological Survey Roswell, New Mexico



P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543-2600

February 25, 1977

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

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

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1977 DRILLING PROGRAM

Gentlemen:

By letter dated January 2, 1976, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-4 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1976. This Program provided for the drilling of no wells and none were drilled.

As of this date, the total number of wells in the San Juan 30-4 Unit is as follows:

Pictured Cliffs, Commercial Pictured Cliffs, Non-commercial Pictured Cliffs, Plugged and Abandoned Mesaverde, Commercial 2 30

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of no wells during the calendar year 1977. Regional Oil and Gas Supervisor Oil Conservation Commission Page Two

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly, infield

D. N. Canfield Director of Land Energy Resource Development

DNC/DW/mb

Attachments

San Juan 30-4 Unit, 3.0

Cc: Commissioner of Public Lands (Information Only) APPROVED:

DATE:

Regional Oil & Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Commission

//United States Geological Survey

Øil Conservation Commission Subject to like approval by the APPROVED:

DATE: 7 march 3 C, 1977

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The foregoing approvals are for the 1977 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. J. R. Abercrombie

Dr. W. E. Alsup

<u>_</u>____

Amoco Production Company Denver, Colorado

Amoco Production Company Farmington, New Mexico

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

Thomas Dugan

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

Mabelle M. Miller

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

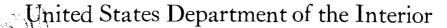
Mr. M. A. Romero

Texas Commerce Bank N.A.

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Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown





GEOLOGICAL SURVEY Western Bank Bldg., Room 815 505 Marquette, NW Albuquerque, New Mexico 87102

December 29, 1976

El Paso Natural Gas Company Attention: Mr. Don Wadsworth P. O. Box 1492 El Paso, Texas 79978

Gentlemen:

Your 1976 Plan of Development and Operation for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, was received in this office on January 7, 1976. Such plan provided no additional development during the year. Our letter of May 28, 1976, requested justification for no additional development and several joint conversations and conferences followed during the balance of the year with no definitive conclusion.

Authority for continuation of operations within the unitized area is derived from an approved Plan of Development and Operations, pursuant to Section 10 of the unit agreement. Accordingly, this office hereby accepts your 1976 Plan for record purposes. As stated previously, the plan is considered less than adequate inasmuch as there appears to be one or more participating areas which are not fully developed within the unitized area and no tangible justification is provided for the absence of additional development drilling in those areas.

You are requested to submit a 1977 Plan of Development and Operation for the San Juan 30-4 unit within 60 days of the receipt of this letter. Such plan, in order to receive favorable consideration by this office, must contain a firm commitment for additional development drilling absent tangible documentation of full development of the unitized area.

Sincerely yours,

JAMES W. SUTHERLAND Area Oil and Gas Supervisor

cc: Durango (w/cy plan)^{This Copy t} NMOCC, Santa Fe Com. Pub. Lands, Santa Fe

JAGILLHAM:1m:122976

P. C. Draver 1857 Rosvell, New Mexico 88201

October 22, 1976

641

El Paso Natural Cas Company Attention: Mr. Don Wadsworth P. O. Box 1492 El Paso, Texas 79978

Gentlegen:

Your letter of September 7, 1976 submits four copies of revised Exhibit B to the San Juan 30-4 unit agreement effective as of September 1, 1976. Such revision reflects the lands now subject to the unit agreement following contraction of the unit area to those lands embraced by a participating area pursuant to New Mexico 011 Conservation Commission order No. R-5253.

The revised Exhibit B is hereby accepted for record purposes and copies of the same are being distributed to the appropriate Federal offices.

Sincerely yours,

(ORIG. SGD.) CARL C. TRAYWICK

CARL C. TRAYWICK Assistant Oil and Gas Supervisor

cc:

Durango (w/cy Exhibit) BLM, Santa Fe (w/cy Exhibit) Accounting (w/cy Exhibit) NMOCC, Santa Fe (ltr. only) K - MMM This Copy for

JGillham:mk

Paso NATURAL GAS COMPANY

P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543-2600

October 1, 1976

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

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

Re: San Juan 30-4 Unit Rio Arriba County, New Mexico

Gentlemen:

By letter dated September 7, 1976, El Paso Natural Gas Company furnished you with an updated copy of Exhibit "B" to the San Juan 30-4 Unit Agreement, revised effective September 1, 1976. Page four (4) of the revised Exhibit "B" was in error insofar as the percentage of Oil Rights owned by Mr. M. A. Romero are concerned. Enclosed, we are furnishing a corrected copy of page four (4) to be substituted for the copy previously sent you.

Yours very truly, Los Walnows

Don Wadsworth Landman Land Department Energy Resource Development

DW/mb Attachment

SJ-30-4 Unit 1.0, 5.0

Cc: San Juan 30-4 Unit Working Interest Owners

-					Tract No. Description
					No. of Acres
		·		•	Serial No. Land Owner and Percentage Lease Date of Royalty
		rcentages ghts) Elvain, Jr	L. Abercromb L. Abercromb L. Barkley h H. McCullou McElvain Oil McElvain Oil		Recor Appli R.P. H.O.
	· · · ·		ie & Gas	e Last Brown & wn, pmbie	Overriding Royalty Percentage
5.25UUU0) -OX	o. 18750% 25000% 37500%		. b5= 5:05	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and <u>Percentage of Interest</u> Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last

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Revised 9-1-75

-4-

Mr. J. R. Abercrombie

Dr. W. E. Alsup

Amoco Production Company

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Thomas Dugan

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison

Mr. Ralph H. McCullogh

Mrs. Catherine B. McElvain, Individually & as Executrix of the Estate of T. H. McElvain, Deceased

Mr. T. H. McElvain, Jr.

Mrs. Mabelle M. Miller

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Texas Commerce Bank N.A., Ancillary Guardian of the Estate of John L. Abercrombie

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

REFERENCE NATURAL GAS

P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543-2600

September 7, 1976

5. A.S.

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission State of New Mexico P. O. Box 2088 Santa Fe, New Mexico 8750]

Re: San Juan 30-4 Unit Rio Arriba County, New Mexico

Gentlemen:

Attached for your information and files is an updated copy of Exhibit "B" to the San Juan 30-4 Unit Agreement, revised effective September 1, 1976. This revised Exhibit "B" reflects the change in the Unit boundaries, resulting from the Unit contraction which was effective September 1, 1976.

Copies of the revised Exhibit "B" ae being sent to the Working Interest Owners in the San Juan 30-4 Unit.

Yours very truly, annon

Don Wadsworth Landman Land Department Energy Resource Development

DW/mb Attachment

SJ-30-4 Unit 1.0, 5.0

Cc: San Juan 30-4 Unit Working Interest Owners

Mr. J. R. Abercrombie

Dr. W. E. Alsup

Amoco Production Company

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Thomas Dugan

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison

Mr. Ralph H. McCullogh

Mrs. Catherine B. McElvain, Individually & as Executrix of the Estate of T. H. McElvain, Deceased

Mr. T. H. McElvain, Jr.

Mrs. Mabelle M. Miller

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Texas Commerce Bank N.A., Ancillary Guardian of the Estate of John L. Abercrombie

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

Paso NATURAL GAS COMPANY

P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-543-2600

September 7, 1976

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

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

Re: San Juan 30-4 Unit Rio Arriba County, New Mexico

Gentlemen:

Attached for your information and files is an updated copy of Exhibit "B" to the San Juan 30-4 Unit Agreement, revised effective September 1, 1976. This revised Exhibit "B" reflects the change in the Unit boundaries, resulting from the Unit contraction which was effective September 1, 1976.

Copies of the revised Exhibit "B" ae being sent to the Working Interest Owners in the San Juan 30-4 Unit.

Yours very truly, Nor Wallgoor

Don Wadsworth Landman Land Department Energy Resource Development

DW/mb Attachment

SJ-30-4 Unit 1.0, 5.0

Cc: San Juan 30-4 Unit Working Interest Owners

3 T-30-N, R-4-W Sec. 3: Lots 3,4,5,6,11,12, 13,14,S/2 SW/4 Nevised 9-1-76	1 Eliminated 2 T-30-N, R-4-W Sec. 4: Lots 1,2,7, 8,9,SW/4 NE/4, SE/4	Tract No. Of No. Description Acres FEDERAL LANDS	
SF 079482-A USA -12-1/2% 7-1-49 A11 5 years NM-2009	ted from Unit Area SF 079482 USA 12-1/2% 7-1-49 A11 5 years NM-2025	Serial No. Land Owner and Percentage Lease Date of Royalty	Schedule Showing the Percent Interests in all lands
El Paso Natural Gas Company	El Paso Natural Gas Company	Record Owner of Lease or Application	EXHIBIT "B" Percentage and Kind of Ownership lands in the San Juan 30-4 Unit
R.P. Tinnin .057422% M.A. Romero .546875% Joe & Kathleen Quinn-Jt. Tenants .229687% Langdon Dewey Harrison,Trustee .172265% Flag Redfern Oil Co172265% Flag Redfern Oil Co229687% H.O. Pool .229687% H.O. Pool .2296	5.00%	Overriding Royalty Percentage	rship of Oil and Gas Unit Agreement
GAS RIGHTS BEFORE PAYOUT: E1 Paso Natural Gas Co. All (2) OIL RIGHTS BEFORE PAYOUT: General American Oil Co. All GAS RIGHTS AFTER PAYOUT: E1 Paso Natural Gas Co. 75.00% ORI Owners in % shown 25.00% ORI Owners in % shown 25.00% ORI Owners in % shown 25.00%	El Paso Natural Gas Co. All	Working Interest Owner Union Option Agreement, Operating Agreement on Assignment and Percentage of Interest	

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ω	7	6	сл	4		Tract No.
Combined with Tract No.	Eliminated from Unit Area	<u>T-30-N, R-4-W</u> <u>Sec. 10: W/2</u>	<u>T-30-N, R-4-W</u> <u>Sec. 9: A11</u>	T-30-N, R-4-W Sec. 8: E/2		Description
6 and	it Area	320.00	640.00	320.00		No. of Acres
subsequently, eliminated from Unit		SF 079484-A USA 12-1/2% 7-1-49 A11 5 years NM-2027	SF 079483-A USA 12-1/2% 10-1-48 A11 5 years NM-2010	SF 079483 USA 12-1/2% 10-1-48 A11 5 years NM-2026		Serial No. Land Owner and Percentage Lease Date of Royalty
m Unit Area.		El Paso Natural Gas Company	El Paso Natural Gas Company	John W. Nichols, et ux		Record Owner of Lease or Application
		Same ownership as Tract 2	Same Ownership as Tract 3	Same Ownership as Tract 2	 W.E. Alsup .382813% T.H. McElvain 0il & Gas Properties .765625% Catherine McElvain Harvey .095703% T.H. McElvain, Jr095703% J.R. Abercrombie .153125% Ralph H. McCullough.153125% Dorothy L. Abercrombie Guardian of Est. of John L. Abercrombie.076562% Lela L. Barkley .076563% 	Overriding Royalty Percentage
		Same ownership as Tract 2	Same ownership as Tract 3	El Paso Natural Gas Co. All (1)		Morking Interest Caner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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Revised 9-1-76

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13	12	11	10	Q	Tract No.
T- <u>30-N</u> , R-4-W Sec. 22: All	T-30-N, R-4-W Sec. 27: E/2	T-30-N, R-4-W Sec. 15: W/2 Sec. 17: All	T-30-N, R-4-W Sec. 18: Lots 1,2,3,4, E/2 W/2, E/2 (A11)	T-30-N, R-4-W Sec. 16: E/2,NW/4, N/2 SW/4, SW/4 SW/4	Description
640.00	320.00	960.00	539.04 3,4, E/2 (A11)	600.00	No. of Acres
SF 079487 10-1-48 5 years NM-4902	SF 079486 7-1-49 5 years NM-2013	SF 079485-B 10-1-48 5 years NM-2012	SF 079485-A 10-1-48 5 years NM-2029	SF 079485 10-1-48 5 years NM-2030	Serial No. and Lease Date
USA 12-1/2% All	USA 12-1/2% A11	USA 12-1/2% All	USA 12-1/2% A11	USA 12-1/2% A11	Land Owner Percentage of Royalty
M.A. Romero 2.2 W.E. Alsup Pro Flag Redfern Oil Co. Joe & Kathleen Quinn-Jt. Langdon Dewey Harrison, Trustee Thomas Dugan, et ux	El Paso Natural Gas Company	El Paso Natural Gas Company	El Paso Natural Gas Company	El Paso Natural Gas Company	Record Owner of Lease or <u>Application</u>
2.24218% Prod. Payment191406% n-Jt. Tenants son,	Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Tract 2	Same ownership as Tract 2	Overriding Royalty Percentage
GAS RIGHTS: El Paso Natural Gas Co. 59.750003 R.P. Tinnin .65625% Langdon D. 1.96875% Harrison, Trustee H.O. Pool 5.25000%	Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Tract 2	Same ownership as Tract 2	Working Interest Cwner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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Revised 9-1-76

	Tract No. Description
	No. of Acres
	Serial No. Land Owner and Percentage Lease Date of Royalty
R.P. Tinnin H.O. Pool Evelyn Ellen Wallace & James Algernon Brown Trustees under the Last Will of Algernon Brown & Evelyn G. Brown & James Algernon Brown J.R. Abercrombie Gdn. for Estate of John L. Abercrombie Lela L. Barkley Ralph H. McCullough T.H. McElvain Oil & Gas Properties Catherine F. McElvain (For percentages see Oil Rights) T.H. McElvain, Jr.	Record Owner of Lease or Application
γ.	Overriding Royalty Percentage
Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will of Algernon Brown, & Evelyn G. Brown & James Algernon Brown, Individually 5.250003 Dorothy L. Abercrombie Gdn. for Estate of John L. Abercrombie .875005 Lela L. Barkley .875005 T.H. McElvain 0il & Gas Properites 7.291665 Catherine F. 7.291667 OIL RIGHTS: El Paso Natural Gas Co. M.A. Romero 6.562505 W.E. Alsup 4.375003 Mabelle McElvain Miller, Ind. Executrix of the Estate of Forrest B. Miller, Deceased2.1875005 Flag Redfern 0il Co. 5.2500005	Working Interest Owner Uncer Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Revised 9-1-76

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Revised 9-1-76		Tract Description
		No. of Serial No. Land Owner No. of and Percentage Acres Lease Date of Royalty
-5-		Record Owner of Lease or Application Overriding Royalty
	Thomas Dugan, et ux 5.25000003 Joe & Kathleen Quinn-Jt. Tenants 5.250002 Langdon Dewey Harrison, Trustee 1.96875% R.P. Tinnin .656255 H.O. Pool 5.250002 Evelyn Ellen Wallace & James Algernon Brown, & Evelyn G. Brown & James Algernon Brown, Indiv. J.R. Abercrombie 1.750005 Dorothy L. Abercrombie 1.750005 Ralph H. McErrombie 1.750003 T.H. McElvain Oil & Gas Properites 7.2916673 T.H. McElvain, Jr.7.2916673	Working Interest Camer Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

			19	18	17	16] 5] 4	
			Eliminated from Unit	Eliminated from Unit	Eliminated from Unit	T-30-N, R-4-W Sec. 29: E/2	T-30-N, R-4-W Sec. 31: Lots 1-7, NE/4, E/2 NE/4 SW/4,	T-30-N, R-4-W Sec. 19: E/2 Sec. 20: A11 Sec. 21: E/2	Description
o υ 4 υ o	Tract No.		t Area	t Area	t Area	320.00	506.24 1-7, E/2 NW/4, SW/4, N/2 SE/4	1,280.00	No. of Acres
		13 FEDERAL LANDS (Five tracts elim				SF 079488-A 10-1-48 NM-2001	SF 079488 10-1-48 5 years NM-4903	SF 079487-A 10-1-48 5 years NM-2000	Serial No. and Lease Date
739.43 1,448.26 893.88 538.30 1,210.69	Acres Eliminated	TRACTS - inated an				USA 12-1/2% All	USA 12-1/2% All	USA 12-1/2% All	Land Owner Percentage of Royalty
	ed	,988.73 one combined plus				El Paso Natural Gas Company	Same ownership as Tract 13	El Paso Natural Gas Company	Record Owner of Lease or Application
19 12 16	Tract No.	the following number of				Same Ownership as Tract	Same Ownership as Tract 13	Same Ownership as Tract	Overriding Royalty Percentage
40.00 320.00 2,100.31 539.52 1,466.72	Acres Eli	acres elimi				ω		ω	
2 2 2 0 0	Eliminated	eliminated from the tracts indicated:)				Same Ownership as Tract 3	Same Ownership as Tract 13	Same Ownership as Tract 3	Working Interest Owner Urder Option Agreement, Openating Agreement or Assignment and Percentage of Interest

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(1)		24-A	24	23	22	21	20	PATENTED	2
El Paso Natural Gas gas production. Ar of 1/16 of 8/8 on c		T-30-N, R-4-W 128.90 That part of H.E.S. 386 lying in W/2 Sec. 3 & Sec. 4	Eliminated from Unit	Eliminated from Unit	Eliminated from Unit Area	T-30-N, R-4-W 11.04 That portion of H.E.S. 387 lying in W/2 Sec. 3	Eliminated from Unit Area	NTED LANDS	Description
: Company's w h overriding hil productio		128.90 386 &	t Area	t Area	t Area	11.04 	t Area		No. of Acres
orking intere royalty inter n until payou	2 PATENTED (Four tract	6-9-58 5 years NM-4454			·	12-29-47 10 years Tract #21			Serial No. and Lease Date
est is subject : rest of 33-1/3% ut of all wells	2 PATENTED LAND TRACTS - (Four tracts eliminated,	Jose C. Gomez, a single man l2-l/2% All				J. Denton Simms, Trustee, Estate of Emmet Wirt, 12-1/2% All			Land Owner Percentage of Royalty
to a sliding scale over of all liquid hydrocar then increasing to 1/8	139.94 acres 1,469.48 acres elimina [.]	El Paso Natural Gas Company				Amoco Production Co.			Record Owner of Lease or Application
El Paso Natural Gas Company's working interest is subject to a sliding scale overriding royalty interest in favor of Blackwood & Nichols a gas production. An overriding royalty interest of 33-1/3% of all liquid hydrocarbons recovered or extracted from gas production and an Oi of 1/16 of 8/8 on oil production until payout of all wells then increasing to 1/8 of 8/8.	4 acres .48 acres eliminated from Tract #21 and 6.2 acres eliminated from Tract #24-A)	None				. None			Overriding Royalty Percentage
or of Blackwood & Nichols as to om gas production and an ORRI	: eliminated from Tract #24-A)	El Paso Natural Gas Company All				Amoco Production Co. All			Working Interest Cwner Urder Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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(2) Less General American's net profits interest of 20.781200%.

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RECAPITULATION

		Number of Tracts	Acreage	Percentage
Federal Land		13	6,988.73	98.036941%
State Land		0	None	None
Patented Land		2	139.94	1.963059%
	Total	15	7,128.67	100.00000%
	Note:	Tracts 1, 7, 17	Note: Tracts 1, 7, 17, 18, 19, 20, 22, 23, 24,	3. 24. and the following

Note: Tracts 1, 7, 17, 18, 19, 20, 22, 23, 24, and the following number of acres have been eliminated from the Unit Area.

22 1 1 1 1 0 5 4 3 N 24 - 2 A	Tract
739.43 1,448.26 893.88 538.30 1,210.69 40.00 320.00 2,100.31 539.52 1,466.72 1,469.48 6.20	Acres Eliminated

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Revised 9-1-76

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Revised 9-1-76	3 <u>T-30-N, R-4-W</u> Sec. 3: Lots 3,4,5,6,11,12, 13,14,S/2 SW/4	2 <u>T-30-N, R-4-W</u> Sec. 4: Lots 1,2,7, 8,9,SW/4 NE/4, SE/4	1 Eliminated	FEDERAL LANDS	No. of No. <u>Description</u> Acres	
) SF 079482-A USA -12-1/2% 7-1-49 A11 5 years NM-2009	5 SF 079482 USA 12-1/2% 7-1-49 A11 5 years NM-2025	nated from Unit Area		Serial No. Land Owner and Percentage Lease Date of Royalty	EXI Schedule Showing the Percentage Interests in all lands in
	El Paso Natural Gas Company	El Paso Natural Gas Company		-	Record Owner of Lease or Application	HIBIT "B" and Kind of the San Juar
Flag Redfern Oil Co229688% Thomas A. Dugan, .229687% et ux229687% H.O. Pool459375% Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testa- ment of Algernon W. Brown & Evelyn G. Brown & Evelyn G. Brown & James Algernon Brown .459375% Mabelle McElvain Miller, Ind. Execu- trix of the Estate of Forrest B. Miller, .191407%	R.P. Tinnin .057422% M.A. Romero .546875% Joe & Kathleen Quinn-Jt. Tenants .229687% Langdon Dewey Harrison,Trustee .172265%	5.00%			Overriding Royalty Percentage	⁻ Ownership of Oil and Gas 1 30-4 Unit Agreement
ORI Owners in % shown OIL RIGHTS AFTER PAYOUT: General American Oil Co. 75.00% ORI Owners in % shown 25.00% 25.00%	GAS RIGHTS BEFORE PAYOUT: El Paso Natural Gas Co. All (2) OIL RIGHTS BEFORE PAYOUT: General American Oil Co. All GAS RIGHTS AFTER PAYOUT: El Paso Natural Gas Co. 75.00%	El Paso Natural Gas Co. All (1)			Morking Interest Owner Lader Option Agreement, Operating Agreement or Assignment and Percentage of Interest	

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8	7	ნ	J	4		Tract
Combined with Tract No. 6	Eliminated from Unit Area	T- <u>30-N, R-4-W</u> Sec. 10: W/2	<u>T-30-N, R-4-W</u> <u>Sec. 9: All</u>	T- <u>30-N, R-4-W</u> Sec. 8: E/2		t Description
and	nit Area	320.00	640.00	320.00	ι.	No. of Acres
subsequently, eliminated from Unit		SF 079484-A USA 12-1/2% 7-1-49 All 5 years NM-2027	SF 079483-A USA 12-1/2% 10-1-48 A11 5 years NM-2010	SF 079483 USA 12-1/2% 10-1-48 All 5 years NM-2026		Serial No. Land Owner and Percentage Lease Date of Royalty
om Unit Area.		El Paso Natural Gas Company	El Paso Natural Gas Company	John W. Nichols, et ux		Record Owner of Lease or Application
		Same ownership as Tract 2	Same Ownership as Tract 3	Same Ownership as Tract 2	W.E. Alsup .382813% T.H. McElvain Oil & Gas Properties .765625% Catherine McElvain Harvey .095703% J.R. Abercrombie .153125% Ralph H. McCullough.153125% Dorothy L. Abercrombie Guardian of Est. of John L. Abercrombie.076562% Lela L. Barkley .076563%	Overriding Royalty Percentage
		Same ownership as Tract 2	Same ownership as Tract 3	El Paso Natural Gas Co. All (1)		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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Revised 9-1-76

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13	12	רו	10	9	
T-30-N, R-4-W Sec. 22: All	T-30-N, R-4-W Sec. 27: E/2	T-30-N, R-4-W Sec. 15: W/2 Sec. 17: A11	T-30-N, R-4-W Sec. 18: Lots 1,2, E/2 W/2,	T-30-N, R-4-W Sec. 16: E/2,NW/4, N/2 SW/4, SW/4 SW/4	Lescription
640.00	320.00	960.00	. <u>4-W</u> 539.04 Lots 1,2,3,4, E/2 W/2, E/2 (A11)	600.00	No. of Acres
SF 079487 10-1-48 5 years NM-4902	SF 079486 7-1-49 5 years NM-2013	SF 079485-B 10-1-48 5 years NM-2012	SF 079485-A 10-1-48 5 years NM-2029	SF 079485 10-1-48 5 years NM-2030	Serial No. and Lease Date
USA 12-1/2% A11	USA 12-1/2% All	3 USA 12-1/2% All	4 USA 12-1/2% All	USA 12-1/2% All	Land Owner Percentage of Royalty
M.A. Romero 2.242 W.E. Alsup Prod. Flag Redfern Oil Co. Joe & Kathleen Quinn-Jt. J Langdon Dewey Harrison, Trustee Thomas Dugan, et ux	El Paso Natural Gas Company	El Paso Natural Gas Company	El Paso Natural Gas Company	El Paso Natural Gas Company	Record Owner of Lease or <u>Application</u>
2.24218% Prod. Payment191406% n-Jt. Tenants son,	Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Traçt 2	Same ownership as Tract 2	Overriding Royalty Percentage
GAS RIGHTS: El Paso Natural Gas Co. 59.75000% R.P. Tinnin .65625% Langdon D. 1.96875% Harrison, Trustee H.O. Pool 5.25000%	Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Tract 2	Same ownership as Tract 2	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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Revised 9-1-76

No. Description Acres No. of Serial No. ease Date. and of Royalty Percentage Land Owner of Lease or Application Raiph H. McCullough James Algernon Brown, Individually & Evelyn G. Brown & Will of Algernon Brown Evelyn Ellen Wallace & Record Owner John L. Abercrombie Gdn. for Estate of Dorothy L. Abercrombie H.O. Pool R.P. Tinnin Catherine F. McElvain Properties Lela L. Barkley J.R. Abercrombie James Algernon Brown T.H. McElvain, Jr. (For percentages see T.H. McElvain Oil & Gas Oil Rights) frustees under the Last . Overriding Royalty Percentage M.A. Romero W.E. Alsup Leid L. Barkley .87500 Ralph H. McCullough1.75000 T H McCiunto ... J.R. Abercrombie 1.75000 B. Miller, Deceased2.18750 Mabelle McElvain Miller, Ind. Executrix John L. Abercrombie .87500 Flag Redfern Oil Co. Gdn. for Estate of James Algernon Brown, & Evelyn G. Brown & Will of Algernon Brown, Percentage of Interest Option Agreement, Operating El Paso Natural Gas Co. McElvain Catherine F. Gas Properites Dorothy L. Abercrombie James Algernon Brown, Evelyn Ellen Wallace & Agreement or Assignment and Morking Interest Owner Uncar **OIL RIGHTS:** F.H. McElvain, Jr. 7.291667 T.H. McElvain Oil & frustees under the Last **31.**18750 **6.**56250 7.291665 7.291667 5.250000 4.37500

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Tract

; Revised 9-1-76

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0 Tract Revised 9-1-76 Description Acres No. of Lease Date Serial No. and , ; , of Royalty Percentage Land Owner Record Owner of Lease or Application မှ Overriding Royalty Percentage Trustee R.P. Tinnin H.O. Pool Joe & Kathleen Quinn-Jt. Tenants 5.25000% Trustees under the Last Will of Algernon W. Brown; & Evelyn G. Brown & James Algernon Brown, Indiv. Working Interest Owner Urder Option Agreement, Operating Agreement or Assignment and 7.291667 T.H. McElvain, Jr.7.291667 Dorothy L. Abercrombie Gdn. of Estate of John L. Abercrombie J.R. Abercrombie 1.750003 Gas Properites 7.29 Catherine F. McElvain Lela L. Barkley . Ralph H. McCullough Evelyn Ellen Wallace & Thomas Dugan, et ux Percentage of Interest Langdon Dewey Harrison, James Algernon Brown, T.H. McElvain Oil & 7.2916663 1.96875% .87500% 5.250005 .65625% 1.75000°

* . -			19	18	17	16	ן טי	14	
		•	Eliminated from Unit Area	Eliminated from Unit	Eliminated from Unit	T-30-N, R-4-W Sec. 29: E/2	T-30-N, R-4-W Sec. 31: Lots 1-7, NE/4, E/2 NE/4 SW/4,	T-30-N, R-4-W Sec. 19: E/2 Sec. 20: A11 Sec. 21: E/2	Description
1	Tract No.		t Area	t Area	t Area	320.00	<u>4-W</u> Lots 1-7, NE/4, E/2 NW/4, NE/4 SW/4, N/2 SE/4	1,280.00	No. of Acres
		13 FEDERAL (Five tract				SF 079488-A 10-1-48 NM-2001	SF 079488 10-1-48 5 years NM-4903	SF 079487-A 10-1-48 5 years NM-2000	Serial No. and Lease Date
v v	Acres Eliminated	3 FEDERAL LANDS TRACTS - Five tracts eliminated an				USA 12-1/2% A11	USA 12-1/2% A11	USA 12-1/2% A11	Land Owner Percentage of Royalty
	ed	- 6,988.73 and one combined plus t				El Paso Natural Gas Company	Same ownership as Tract 13	El Paso Natural Gas Company	Record Owner of Lease or Application
11 12 16	Tract No.	73 combined plus the following number of				Same Ownership as Tract	Same Ownership as Tract	Same Ownership as Tract	Overriding Royalty Percentage
40.00 320.00 2,100.31 539.52 1,466.72	Acres E	acres elin				ct 3	ct 13	ct 3	
40.00 320.00 00.31 52 56.72	Eliminated	eliminated from the tracts indicated:)				Same Ownership as Tract 3	Same Ownership as Tract 13	Same Ownership as Tract 3	Morking Interest Owner Urden Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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(2)	(1)		24	24	23	22	21	20	PA	27 - 4 -0 - 5
2) Less General American's) El Paso Natural Gas Company's working interest is subject to gas production. An overriding royalty interest of 33-1/3% o of 1/16 of 8/8 on oil production until payout of all wells t		24-A <u>T-30-N, R-4-W</u> That part of H.E.S. 386 lying in W/2 Sec. 3 & Sec. 4	Eliminated from Unit Area	Eliminated from Unit	Eliminated from Unit Area	T <u>-30-N, R-4-W</u> 11.0. That portion of H.E.S. 387 lying in W/2 Sec. 3	Eliminated from Unit Area	PATENTED LANDS	Description
net	s Company's v n overriding oil productic		128.90 . 386 3 &	it Area	it Area	it Area	11.04 3 3	it Area		No. of Acres
profits interes	vorking inter royalty inte on until payc	2 PATENTED (Four trac	6-9-58 5 years NM-4454			·	12-29-47 10 years Tract #21			Serial No. and Lease Date
interest of 20.781200%.	rest is subject t prest of 33-1/3% out of all wells	2 PATENTED LAND TRACTS - 1 (Four tracts eliminated, 1	Jose C. Gomez, a single man 12-1/2% All				J. Denton Simms, Trustee, Estate of Emmet Wirt, 12-1/2% All			. Land Owner Percentage of Royalty
	co a sliding scale ov of all liquid hydroc then increasing to l	139.94 acres 1,469.48 acres eliminated from Tract	El Paso Natural Gas Company				Amoco Production Co.			Record Owner of Lease or Application
	to a sliding scale overriding royalty interest in favor of Blackwood & of all liquid hydrocarbons recovered or extracted from gas production then increasing to 1/8 of 8/8.	#21 and 6.2 acres	None				o. None			Overriding Royalty Percentage
	r of Blackwood & Nichols as to m gas production and an ORRI	eliminated from Tract #24-A)	El Paso Natural Gas Company All				Amoco Production Co. All			Working Interest Gwner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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RECAPITULATION

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		Number of Tracts	Acreage		Percentage
Federal Land		13	6,988.73		98.036941%
State Land		0	None		None
Patented Land		_2	139.94		1.963059%
	Total	15	7,128.67		100.00000%
	20+0.		Noto: Tracto I 7 17 10 10 00 00 00 01	55 57	inul tog adt bar

Note: Tracts 1, 7, 17, 18, 19, 20, 22, 23, 24, and the following number of acres have been eliminated from the Unit Area.

22111 40620 40 A	Tract 2 3
538.30 1,210.69 40.00 320.00 2,100.31 539.52 1,469.48 6.20	<u>Acres Eliminated</u> 739.43 1,448.26 803.88

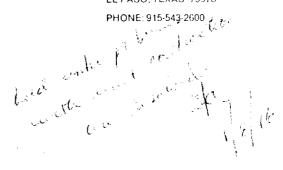
Revised 9-1-76

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P. O. BOX 1492 EL PASO, TEXAS 79978



January 2, 1976

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

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

Re: San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico - 1976 DRILLING PROGRAM

Gentlemen:

By letter dated January 13, 1975, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1975. Said program provided for the drilling of four (4) Pictured Cliffs wells. Due to pipe shortages and unavailability of rigs during 1974 and 1975, drilling in the San Juan Basin was delayed. These delays and the increasing shortage of gas necessitated a revaluation of our proposed drilling programs in the San Juan Basin so that the wells proposed for drilling would obtain the maximum increase in deliverability. In this vein, the four (4) Pictured Cliffs wells proposed were not drilled during 1975 and will not be drilled during 1976.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	19
Pictured Cliffs, Non-commercial	2
Pictured Cliffs, Plugged and Abandoned	7
Mesaverde, Commercial	2
	30

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1976 providing for the drilling of no wells during the calendar year 1976.

Regional Oil & Gas Supervisor Oil Conservation Commission Page Two

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

D. N. Canfield Director of Land Energy Resource Development

DNC:DW:nm Enclosures San Juan 30-4, 3.0

cc: Commissioner of Public Lands
 (Information Only)

APPROVED:

DATE:

Regional Oil & Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Commission

APPROVED:

DATE:

Oil Conservation Commission Subject to like approval by the United States Geological Survey

The foregoing approvals are for the 1976 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. J. R. Abercrombie

Dr. W. E. Alsup

Amoco Production Company Denver, Colorado

Amoco Production Company Farmington, New Mexico

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

Thomas Dugan

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

Mabelle M. Miller

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Texas Commerce Bank N.A.

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown

間的到500 NATURAL GAS COMPANY



PIG POK 1119 EUNADO (18445-7.5578 PHONE 011-615-2519

December 12, 1975

Oil onservation Commission State of New Mexico P. (Box 2088 State Fe, New Mexico 87501

Attoon: Mr. William F. Carr General Counsel

Re: San Juan 30-4 Unit

Gentl. 1:

In accordance with your letter of December 3, 1975, El Paso Natural Gas Company as Unit Operator of the captioned unit hereby proposes the contraction of such unit so that the unit, as contracted, will consist of the following described lands:

Township 30 North, Range 4 West, N.M.P.M.

Section 3:	W/2
Section 4:	E/2
Section 8:	E/2
Section 9:	A11
Section 10:	W/2
Section 15:	W/2
Sections 16 thru 22:	A11
Section 27:	E/2
Sections 29, 30 & 31:	LLA

The reason for the proposed contraction is to comply with the demand made by the Oil Conservation Commission. The proposed effective date of the contraction is February 1, 1976.

In accordance with Paragraph 2(b) of the San Juan 30-4 Unit Agreement, copies of this letter are being forwarded to the working interest owners with the request that they advise us of any objection to the proposed contraction

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Oil Conservation Commission

Re: San Juan 30-4 Unit

within thirty (30) days from the date of this letter. Such objections will be filed at the end of said thirty (30) day period with the Supervisor, United States Geological Survey, Commissioner of Public Lands and the Oil Conservation Commission. The working interest owners will be advised of the final action of these bodies in regard to the proposed contraction.

Very truly yours,

amis & ferment

James R. Permenter Manager, Land Contracts and Titles Land Department Energy Resource Development

JRP:sas

cc: Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

> United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

San Juan 30-4 Working Interest Owners

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. J. R. Abercrombie

Dr. M. E. Alsup

Amoco Production Company Denver, Colorado

Amoco Production Company Farmington, New Mexico

Mrs. Lola L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

Thomas Dugan

Flag-Redfern Oil Company

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Nr. T. H. McElvain, Jr.

Mabelle M. Miller

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Texas Commerce Bank N.A.

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown



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United States Department of the Interior R 28

GEOLOGICAL SURVEY

Draver 1857 Roswell, New Mexico 88201 OIL CONSERVATION COLOR Santa Fe

April 24, 1975

El Paso Ratural Gas Company Attention: Mr. D. N. Canfield P. 0. Box 1492 21 Paso, Texas 79978

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Centlemen:

The 1975 plan of development submitted for the San Juan 30-4 unit area, The Arriba County, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such plan proposes the drilling of four additional Pictured Cliffs wells and three approved copies are enclosed.

Sincerely yours,

[ORIG. SGD.] CARL C. TRAYWICK

CARL C. TRAYWICK Acting Area Oil and Gas Supervisor

cc: Durango (w/cy plan) NMOCC, Santa Fe (ltr only) Commissioner of Public Lands, Santa Fe (ltr only)

JAGillham/hr

El Paso Matural Gas Company

El Paso, Texas 79978

February 27, 1974

-17

Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

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

Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico TWELFTH EXPANDED PARTICIPATING AREA Pictured Cliffs Formation Effective January 1, 1974

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation has been completed upon acreage committed to the Unit. This well is as follows:

The San Juan 30-4 Unit #34 Well, located 1790' from the North line and 1650' from the West line of Section 16, Township 30 North, Range 4 West, Rio Arriba County, New Mexico was spudded on October 2, 1973 and completed on December 6, 1973 at a total depth of 4580' in the Pictured Cliffs Formation. The Pictured Cliffs Formation at 4240', 4266', 4274', 4426', 4434', 4476', and 4484' was treated with a sand-water fracturing process. After being shut-in for twenty-three (23) days, the well was tested in the Pictured Cliffs Formation on December 6, 1973, and following a three (3) hour blow down period gauged 992 United States Geological Survey Commissioner of Public Lands Oil Conservation Commission Page Two

> MCF/D through a 3/4" choke and 998 MCF/D by the calculated absolute open flow method, with as SIPC of 1252. The committed drilling block upon which this well is located is described as the W/2 of Section 16, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on December 6, 1973.

The San Juan 30-4 Unit #9 Well, located in the SE/4 SW/4 Section 16, was previously drilled on this acreage dedication and determined non-commercial for unit purposes. Therefore, the Twelfth Expansion will include the W/2 Section 16 excluding the SE/4 SW/4, containing 280.00 acres, more or less.

Attached is Schedule XIII showing the Twelfth Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in each tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Twelfth Expanded Participating Area will become effective as of January 1, 1974.

Copies of this letter and schedule are being sent to the Working Interest Owners shown on the attached sheet.

Yours very truly,

James & Permer =

James R. Permenter Dw Supervising Landman Land Department Energy Resource Development

JRP:DW:sn Attachment S.J. 30-4, 4.1 San Juan 30-4 Unit Working Interest Owners Pictured Cliffs Formation

Amoco Production Company

R. P. Tinnin

Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain

H. O. Pool

L. D. Harrison, Trustee

J. R. Abercrombie

Ralph McCullough

Lela L. Barkley

E. E. Wallace and J. A. Brown, Trustees for A. W. Brown, Deceased, and E. G. Brown and J. A. Brown, Individually

Texas National Bank of Commerce for the Estate of J. L. Abercrombie

	SF 079483-A	SF 079483	SF 079482 SF 079482-A	SERIAL NUMBER
Sec. 9: All	T-30-N, R-4-W 640.00	T-30-N, R-4-W 320.00 Sec. 8: E/2	T-30-N, R-4-W 291.05 Sec. 4: E/2 excluding that portion of HES 386 lying in said E/2 T-30-N, R-4-W 252.40 Sec. 3: W/2 excluding that portion of HES 386 and that portion of HES 387 lying in said W/2	NUMBER DESCRIPTION OF ACR
		.00	.05 .40 W/2	NUMBER OF ACRES
Royalty Working Interest El Paso Natural Gas Co. ORRI TOTAL		Royalty Working Interest:	Tract 2Royalty Working Interest: El Paso Natural Gas Co. ORRITOTAL Tract 3Royalty Working Interest: El Paso Natural Gas Co. ORRIORRI TOTAL TAL Tract 4	DRILLING BLOCK
12.500% 83.125% <u>4.375</u> % 1 <u>00.000</u> %	82.50% 5.00% 100.00%	12.50%	12.500% 82.500% 5.000% 100.000% 83.125% 4.375% 100.000%	K PERCENTAGE
12.500 % 83.125% <u>4.375</u> % 1 <u>00.000</u> %	82.50% 5.00% 100.00%	12.50%	12.500% $82.500%$ $100,000%$ $12.500%$ $83.125%$ $4.375%$ $100.000%$	PERCENTAGE COMMITTED
	9.664127%	4.832063%	4.39 4912% 3.811290%	PRESENT ACTUAL PARTICIPATION

SCHEDULE XIII TWELFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

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Effective January 1, 1974

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Page 1

SF 079485-B	SF 079485-A	SF 079485	SF 079484-A	SERIAL NUMBER
T-30-N, R-4-W Sec. 15: W/2 Sec. 17: All	T-30-N,R-4-W Sec. 18: All	T-30-N, R-4-W 60 Sec. 16: E/2, NW/4, W/2 SW/4, NE/4 SW/4	T-30-N, R-4-W Sec. 10: W/2	DESCRIPTION
960.00	539.04	600.00 v/4, /4, v/4	320.00	NUMBER OF ACRES
Royalty Working Interest: El Paso Natural Gas Co. ORRI TOTAL	Tract 10 Royalty Working Interest: El Paso Natural Gas Co. ORRI TOTAL Tract 11	Tract 9 Royalty Working Interest: El Paso Natural Gas Co. ORRI TOTAL	Tract 6 Royalty Working Interest: El Paso Natural Gas Co. ORRI TOTAL	DRILLING BLOCK
12.500% 83.125% 4.375% 100.000%	12.50% 82.50% <u>5.00</u> %	12.50% 82.50% 5.00%	12.50% 82.50% 5.00%	K PERCENTAGE
12.500% 83.125% 4.375% 100.000%	12.50% 82.50% <u>5.00%</u> 100.00%	12.50% 82.50% <u>5.00</u> %	12.50% 82.50% 5.00%	PERCENTAGE COMMITTED
14.496189%	8.139610%	9.060118%	4.832063%	PRESENT ACTUAL PARTICIPATION

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SCHEDULE XIII TWELFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

Effective January 1, 1974

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Page 2

Efforting Tanuam	SF 079488-A	SF 079487-A	SF 079487	SF 079486	SERIAL NUMBER
n, 1 107/	T-30-N, R-4-W Sec. 29: E/2	<u>T-30-N, R-4-W</u> Sec. 19: E/2 Sec. 20: All Sec. 21: E/2	T-30-N, R-4-W Sec. 22: All	<u>T-30-N, R-4-W</u> Sec. 27: E/2	TWELFTH EXI DESCRIPTION
	320.00	1280.00	640.00	320.00	PANDED PARTIC NUMBER OF ACRES
Page 3	<u>Tract 16</u> Royalty Working Interest: El Paso Natural Gas Co. ORRI TOTAL	Tract 14 Royalty Working Interest: El Paso Natural Gas Co. ORRI TOTAL	Tract 13 Royalty Working Interest: El Paso Natural Gas Co. Catherine B. McElvain, et al ORRI TOTAL	Tract 12 Royalty Working Interest: El Paso Natural Gas Co. ORRI TOTAL	SCHEDULE XIII TWELFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS SAN JUAN 30-4 UNIT AREA NUMBER DRILLING BLOCK IPTION OF ACRES OWNERSHIP AND PERCENT/
	12.500% 83.125% 4.375% 100.000%	12.500% 83.125% 4.375% 100.000%	12.500000% 50.039064% 35.218750% 2.242186% 100.000000%	12.500% 83.125% <u>4.375</u> %	RED CLIFFS FOF K PERCENTAGE
	12.500% 83.125% 4.375% 100.000%	12.500% 83.125% 4.375% 100.000%	12.500000% 50.039064% 35.218750% 2.242186% 100.000000%	12.500% 83.125% <u>4.375</u> %	FORMATION PERCENTAGE AGE COMMITTED
	4.832063%	19.328253%	9.664127%	4.832063%	PRESENT ACTUAL PARTICIPATION

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Effective January 1, 1974

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SAN JUAN 30-4 UNIT AREA	TWELFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION	SCHEDULE XIII
	CLIFFS	
	FORMATION	

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Fee	Рее	SERIAL NUMBER
T-30-N, R-4-W That portion of HES 386 lying in the E/2 of Sec. 4 and W/2 of Sec. 3	T-30-N, R-4-W 1 That portion of HES 387 lying in the W/2 of Section 3	DESCRIPTION
128.90 1 3	11.04 HES ∍ W/2	NUMBER OF ACRES
Tract 24-ARoyalty Working Interest: El Paso Natural Gas Co. ORRI TOTAL	Tract 21 Royalty Working Interest: Amoco Prod. Co. ORRI TOTAL	DRILLING BLOCK
12.500% 87.500% <u>.000%</u> 100.000%	12.500% 87.500% .000%	PERCENTAGE
12.500% 87.500% <u>.000%</u>	12.500% 87.500% .000%	PERCENTAGE COMMITTED
1.946416%	.166706%	PRESENT ACTUAL PARTICIPATION

Effective January 1, 1974

Page 4

SCHEDULE XIII TWELFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

Township 30 North, Range 4 West, N.M.P.M.

Sections 4, 8, 19, 21,27,29: E/2 Sections 3,10,15: W/2 Sections 9,17,18,20,22: All Section 16: E/2, NW/4, W/2 SW/4, NE/4 SW/4

Total Number of Acres in Participating Area 6622.43

Percent of Basic Royalty Committed:100.00%Percent of Working Interest Committed:100.00%Percent of O.R.R.I. Committed:100.00%

Effective January 1, 1974

Page 5



United States Department of the Interior

GEOLOGICAL SURVEY Drawer 1857 Roswell, New Maxico 88201

February 12, 1974

744

El Paso Natural Gas Company Attention: Mr. D. N. Canfield P.O. Box 1492 El Paso, Texas 79978

Gentlemen:

Three approved copies of your 1974 plan of development for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, proposing a program of no additional drilling with the exception that any well will be drilled if required to prevent drainage of unitized substances, are enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

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CARL C. TRAYWICK Acting Area Oil and Gas Supervisor

cc: ~NMOCC, Santa Fe (ltr only) Com. Pub. Lands, Santa Fe (ltr only) Durango (w/cy plan)

JAGillham:ds

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

541

January 15, 1974

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Re: 1974 Drilling Program San Juan 30-4 Unit, Rio Arriba County, New Mexico,

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1974 for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

Two approved copies of the program are returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/JEK/og

cc: United States Geological Survey Box 1857 Roswell, New Mexico

El Paso Matural Gas Company

El Paso, Jexas 79978 January 9, 1974

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

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

Re: San Juan 30-4 Unit #14-08-001-1055 Rio Arriba County, New Mexico 1974 DRILLING PROGRAM

Gentlemen:

By letter dated March 29, 1973, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1973. Said program provided for the drilling of one (1) well, and said well was timely drilled during 1973 causing the Twelfth Expansion of the Pictured Cliffs Participating Area.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	19
Pictured Cliffs, Non-commercial	2
Pictured Cliffs, Plugged and Abandoned	7
Mesaverde, Commercial	2
	30

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1974 providing for the drilling of no wells during the year.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

United States Geological Survey Oil Conservation Commission Page Two January 9, 1974

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

elel D. N. Canfield

Manager Land Department Energy Resource Development

DNC:DW:sn Enclosures San Juan 30-4, 3.0

cc: Commissioner of Public Lands
 (Information Only)

APPROVED:

DATE:

Regional Oil and Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Commission.

15.1974 • DATE: uncal APPROVED: Л Oil Conservation Commission Subject to like approval by the United States Geological Survey.

The foregoing approvals are for the 1974 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. J. R. Abercrombie

Dr. W. E. Alsup

Amoco Production Company (3) Denver, Colorado

Amoco Production Company Farmington, New Mexico

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison, Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

Mr. Forrest B. Miller

N.B.S. Corporation

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Texas Commerce Bank N. A., Ancillary Guardian of the Estate of John L. Abercrombie

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

El Paso Natural Gas Company

El Paso, Jexas 79978

April 18, 1973



Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1973 DRILLING PROGRAM

Gentlemen:

The 1973 Drilling Program for the San Juan 30-4 Unit dated March 29, 1973, was approved by the regulatory bodies on the following dates:

United States Geological Survey - April 11, 1973 Oil Conservation Commission - April 5, 1973

Copies of this letter are being sent to the working interest owners of the referenced Unit.

Yours very truly,

famy a. Indgeon

Larry A. Pridgeon Landman, Land Department Energy Resource Development

LAP:sv S.J. 30-4, 3.0

cc: Commissioner of Public Lands Santa Fe, New Mexico 87501



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857 Roswell, New Mexico 88201

ON CON Santa Fe

April 11, 1973

El Paso Natural Gas Company Attention: Mr. D. N. Canfield P.O. Box 1492 El Paso, Texas 79999

Gentlemen:

Two approved copies of your 1973 plan of development for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, proposing the drilling of unit well No. 34 to the Pictured Cliffs on lands outside of the participating area, are enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.)

CARL C. TRAYWICK Acting Area Oil and Gas Supervisor

cc: Washington (thru Denver (w/cy plan) Durango (w/cy plan) --MMOCC, Santa Fe (ltr only) Com. Pub. Lands, Santa Fe (ltr only)

JAGillham:ds

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

244

April 5, 1973

El Paso Natural Gas Company Box 1492 El Paso, Texas 79999

Attention: Mr. D. N. Canfield

Re: 1973 Drilling Program San Juan 30-4 Unit, Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1973 providing for the drilling of a Pictured Cliffs well for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/JEK/og

cc: United States Geological Survey Roswell, New Mexico

> Commissioner of Public Lands Santa Fe, New Mexico

El Paso Natural Gas Company

March 29, 1973

El Paso, Texas 79999 Santa Fo

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

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

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico **1973 DRILLING PROGRAM**

Gentlemen:

By letter dated January 17, 1972, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1972. Said program provided for the drilling of no wells, and none were drilled in the subject Unit during 1972.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	18		
Pictured Cliffs, Non-commercial	2		
Pictured Cliffs, Plugged and abandoned	7		
Mesaverde, Commercial			
	29		

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1973 providing for the drilling of the following well:

Well No.	Drilling Block	Formation	
34	W/2 Sec. 16, T-30-N, R-4-W	Pictured Cliffs	

United States Geological Survey Oil Conservation Commission Page Two

March 29, 1973

This well will be located on a drilling block outside of the existing Pictured Cliffs Participating Area, in order to extend the limits of the Participating Area.

In addition to the above well, El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or desirable by the Unit Operator and the working interest owners.

All working interest owners have been contacted and this Drilling Program reflects the desires of a majority of these working interest owners. El Paso Natural Gas Company, as Unit Operator, and the working interest owners also believe that all current obligations have been satisfied.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

D W Canfield

D. N. Canfield " Manager Land Department Energy Resource Development

DNC:LAP:nja Enclosures San Juan 30-4, 3.0

cc: Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501 (Information only) APPROVED:

DATE:

Regional Oil and Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Commission

APPROVED: Oil Conservation Commission

Subject to like approval by the United States Geological Survey DATE: (64 ... 1973

The foregoing approvals are for the 1973 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. J. R. Abercrombie

Dr. W. E. Alsup

2

Amoco Production Company (3) Denver, Colorado

Amoco Production Company Farmington, New Mexico

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison, Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

Mr. Forrest B. Miller

N.B.S. Corporation

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Texas Commerce Bank N. A., Ancillary Guardian of the Estate of John L. Abercrombie

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

El Paso Matural Gas Company El Paso, Jexas 79978

March 8, 1972

544

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

> Re: 1972 DRILLING PROGRAM Rio Arriba and San Juan Counties, New Mexico

Gentlemen:

The 1972 Drilling Programs for the following Units were approved by the Regulatory Bodies on the dates indicated:

	Unit	USGS	CPL	<u>0CC</u>
	Lindreth I Sec. No. 713	3-2-72	1-21-72	2-11-72
r	San Juan 30-4 #14-08-001-1056	3-2-72	None Required	2-11-72
	San Juan 31-6 #14-08-001-464	3-2-72	1-21-72	2-11-72
	San Juan 32-5 #14-08-001-534	3-2-72	1-21-72	2-11-72
	San Juan 32-7 #14-08-001-441	3-2-72	1-21-72	2-11-72

Page Two

Copies of this letter are being sent to the working interest owners of the above-described Units.

Yours very truly,

some & Perme to

James R. Permenter Supervising Landman Land Department Energy Resource Development

JP:CTR:khs Lindreth S.J. 30-4, 3.0 S.J. 31-6, 3.0 S.J. 32-5, 3.0 S.J. 32-7, 3.0



UNITED STATES DEPARTMENT OF THE INTERIOR

MH. - 7 1972

IN REPLY REFER TO:

GEOLOGICAL SURVEY

Drawer 1857 Roswell, New Mexico 88201

March 2, 1972

44

El Paso Natural Gas Company P.O. Box 1492 El Paso, Texas 79978

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1972 plan of development for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

(ORIG

N. O. FREDERICK Regional Oil and Gas Supervisor

cc: Washington (w/cy of plan) Durango (w/cy of plan) UNMOCC, Santa Fe (ltr only) Com. Pub. Lands, Santa Fe (ltr only) OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

544

February 11, 1972

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: 1972 Drilling Program San Juan 30-4 Unit, Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1972 for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/JEK/og

cc: United States Geological Survey Box 1857 Roswell, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79999

January 17, 1972

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Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

Gentlemen:

By letter dated January 6, 1971, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1971. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1971.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	18
Pictured Cliffs, Non-Commercial	2
Pictured Cliffs, Plugged and Abandoned	7
Mesaverde, Commercial	2
	29

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1972, providing for the drilling of no wells during the year.

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1972 DRILLING PROGRAM

January 17, 1972

United States Geological Survey Oil Conservation Commission Page Two

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

100 . T. W. Bittick

Director Lands and Administration Energy Resource Development

TWB:CTR:1j Enclosures S.J. 30-4 Unit. 3.0

Information Copy: Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501 APPROVED:

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DATE:

Regional Oil and Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Commission

APPROVED:

Oil Conservation Commission Subject to like approval by the United States Geological Survey DATE: July 11, 1972

The foregoing approvals are for the 1972 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owner

Mr. J. R. Abercrombie

Dr. W. E. Alsup

Amoco Production Company (3)

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison, Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

Mr. Forrest B. Miller

N.B.S. Corporation

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Texas Commerce Bank N.A., Ancillary Guardian of the Estate of John L. Abercrombie

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown El Paso Natural Gas Company

El Paso, Jexas 79999 April 16, 1971

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

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

> Re: 1971 DRILLING PROGRAMS Rio Arriba County, New Mexico

Gentlemen:

The 1971 Drilling Programs for the following Units were approved by the Regulatory Bodies on the dates indicated.

Unit	USGS	CPL	<u>000</u>
Lindrith, I Sec. No. 713	4-5-71	2-3-71	2-2-71
Rincon, I Sec. No. 916	4-5-71	1-20-71	1-15-71
San Juan 30-4, No. 14-08-001-1056	4-5-71	None Required	1-13-71
San Juan 31-6, No. 14-08-001-464	4-5-71	1-12-71	1-14-71

Copies of this letter are being sent to the working interest owners of the above-described Unit.

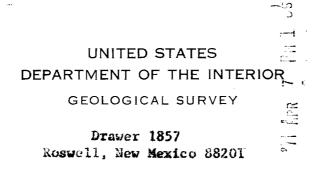
Yours very truly,

Charles T. Richardson

Senior Landman Land Department

CTR:1j Lindrith, Rincon, S.J. 30-4, S.J. 31-6 Units - 3.0





April 5, 1971

e f

El Paso Natural Gas Company P.O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1971 plan of development for the San Juan 30-4 unit area, Kio Arriba County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

1 1 = 1 - - -

N. O. FREDERICK Regional Oil and Gas Supervisor

cc: Washington (w/cy of plan) Durango (w/cy of plan) NMOCC, Santa Fe (ltr. only) Com. of Pub. Lands, Santa Fe (ltr. only) OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

January 13, 1971

544

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: 1971 Drilling Program San Juan 30-4 Unit, Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1971, providing for the drilling of no wells during the year, for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/JEK/og cc: United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

El Paso Matural Gas Company El Paso, Texas 79999

January 6, 1971

Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1971 DRILLING PROGRAM

Gentlemen:

By letter dated January 6, 1970, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1970. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1970.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, C	Commercial	19
Pictured Cliffs, N	Non-Commercial	2
Pictured Cliffs, H	Plugged and Abandoned	6
Mesaverde, Commerce	cial	2
		$\overline{29}$

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1971, providing for the drilling of no wells during the year.

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

United States Geological Survey Oil Conservation Commission Page Two

January 6, 1971

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

T. W. Bittick Manager Land Department

TWB:CTR:nja Attachments SJ 30-4 Unit, 3.0

Information Copy: Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

APPROVED:

Regional Oil and Gas Supervisor United States Geological Survey Subject to like approval by the Oil Conservation Commission

APPROVED: Oil Conservation Commission

DATE: January 13, 1971

DATE:

Subject to like approval by the United States Geological Survey

The foregoing approvals are for the 1971 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. John L. Abercrombie

Mr. J. R. Abercrombie

Dr. W. E. Alsup

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison, Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

Mr. Forrest B. Miller

N.B.S. Corporation

Pan American Petroleum Corp. (3)

Phillips Petroleum Company

Mr. H O. Pool

Mr. Joe Quinn

Mr. M A. Romero

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace and James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

El Paso Matural Gas Company Z in .

El Paso, Texas 79999

February 4, 1970

Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

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

244

N Feb

Re: 1970 DRILLING PROGRAMS, San Juan and Rio Arriba Counties, New Mexico

Gentlemen:

1

The 1970 Drilling Programs for the following Units were approved by the Regulatory Bodies on the dates indicated:

Units	-	Commissioner of Public Lands	
San Juan 28-4 Unit #14-08-001-933	January 30, 1970	None Required	January 21, 1970
San Juan 29-4 Unit #14-08-001-1055	January 29, 1970	None Required	January 21, 1970
San Juan 29-5 Unit #14-08-001-437	January 30, 1970	January 19, 1970	January 21, 1970
San Juan 30-4 Unit #14-08-001-1056	January 29, 1970	None Required	January 22, 1970
San Juan 31-6 Unit #14-08-001-464	January 30, 1970	January 15, 1970	January 22, 1970
Lindrith Unit I Sec. No. 713	January 29, 1970	January 15, 1970	January 21, 1970

February 4, 1970

Regional Oil and Gas Supervisor Commissioner of Public Lands Oil Conservation Commission Page 2

Copies of this letter are being sent to the working interest owners of the above described Units.

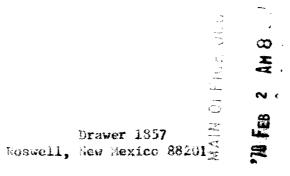
Yours very truly,

Charles Higgingo

Charles Higgins Supervising Landman Land Department

CH:CTR:sf S.J. 28-4, 3.0 S.J. 29-4, 3.0 S.J. 29-5, 3.0 S.J. 30-4, 3.0 S.J. 31-6, 3.0 Lindrith, 3.0

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January 29, 1970

1.

C1 Fase Retural Cas Company
P. D. Nox 1492
E1 Fase, Texas 79999

Attention: Mr. T. M. Sittick

Centlecon:

Your 1970 plan of development for the San Juan 30-4 unit area, Fio Arriba County, New Mexico, proposing the drilling of no additional Wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

(ORIG. SCO.) CITE C. TRAYWICK

CARL C. TRAYMICK Acting Oil and Gas Supervisor

cc: Washington (w/cy of plan) Durango (w/cy of plan) MMOCC, Santa Fe (ltr. only) Com. of Pub. Lands, Santa Fe (ltr. only) OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

January 22, 1970

544

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W.Bittick

Re: 1970 Drilling Program, San Juan 30-4 Unit, Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1970 Drilling Program for the calendar year 1970 for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/JEK/og

cc: United States Geological Survey - Roswell

JAN 1 3 1970

January 12, 1970

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

> Re: San Juan 30-4 Unit Rio Arriba County, New Mexico

ATTENTION: Mr. T. W. Bittick

Gentlemen:

We are in receipt of your 1970 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico.

This unit contains no New Mexico lands, therefore, we are retaining one set for record purposes only and returning the remaining copies to you.

Very truly yours,

Ted Bilberry, Director Oil and Gas Department

TB/ML/s encls. CC: USGS-Roswell, New Mexico OCC-Sants Pe, New Mexico -

El Paso Natural Gas Company

El Paso, Jexas 79999

January 6, 1970

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1970 DRILLING PROGRAM

Gentlemen:

By letter dated January 6, 1969, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1969. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1969.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	19
Pictured Cliffs, Noncommercial	2
Pictured Cliffs, Plugged and Abandoned	6
Mesaverde, Commercial	_2
	29

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1970, providing for the drilling of no wells during the year.

January 6, 1970

Mr. John A. Anderson Oil Conservation Commission Page Two

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

6 Ching

T. W. Bittick Manager Land Department

TWB:CTR:ec Attachments SJ 30-4 Unit, 3.0

Information Copy: Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

APPROVED: DATE: Supervisor, United States Geological Survey Subject to like approval by the Oil Conservation Commission 14 10 DATE: APPROVED: Oil Conservation Commission Subject to like approval by the United States Geological Survey

The foregoing approvals are for the 1970 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. John L. Abercrombie

Mr. J. R. Abercrombie

Dr. W. E. Alsup

Mrs. Lela L. Barkley

Blackwood & Nichols Company

Mrs. Evelyn G. Brown

Mr. James A. Brown

General American Oil Company of Texas

Lt. Col. Langdon Dewey Harrison, Trustee for Omega E. Quinn

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

Mr. Forrest B. Miller

N.B.S. Corporation

Pan American Petroleum Corp. (3)

Phillips Petroleum Company

Mr. H. O. Pool

Mr. Joe Quinn

Mr. M. A. Romero

Mr. Robert P. Tinnin

Mrs. Evelyn E. Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown

El Paso Natural Gas Company

El Paso, Texas 79999

February 27, 1969

Mr. John A. Anderson Regional Oil and Gas Supervisor Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission State of New Mexico P. O. Box 2088 Santa Fe, New Mexico **875**01

> Re: 1969 DRILLING PROGRAMS San Juan and Rio Arriba Counties, New Mexico

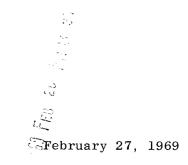
65

59 FEB

Gentlemen:

The 1969 Drilling Programs for the following Units were approved by the regulatory bodies on the dates indicated:

	Units	United States Geological Survey	Commissioner of Public Lands for the St. of N. M.	Oil Conservation Commission of the St. of N. M.
1.	San Juan 30-4 Unit #14-08-001-1056	February 18, 1969	None Required	February 6, 1969
2.	San Juan 30-5 Unit #14-08-001-346	February 14, 1969	None Required	January 23, 1969
3.	San Juan 30-6 Unit #14-08-001-538	February 20, 1969	January 8, 1969	January 23, 1969
4.	San Juan 31-6 Unit #14-08-001-464	February 20, 1969	January 13, 1969	January 23, 1969
5.	San Juan 32-5 Unit #14-08-001-534	January 28, 1969	January 8, 1969	January 23, 1969



Mr. John A. Anderson Commission of Public Lands Oil Conservation Commission Page Two

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	Units	United States Geological Survey	Commissioner of Public Lands for the St. of N. M.	Oil Conservation Commission of the St. of N. M.
6.	San Juan 32-7 Unit #14-08-001-441	February 20, 1969	January 8, 1969	January 23, 1969
7.	Rosa Unit #1 Sec. No. 58 7	January 28, 1969	January 8, 1969	January 23, 1969

Copies of this letter are being sent to the working interest owners of the above described Units.

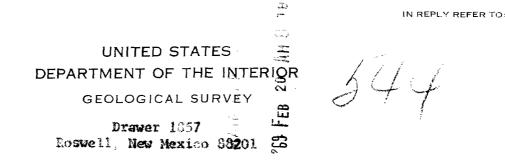
Yours very truly,

Karlas A ~~

Charles Higgins Supervising Landman Land Department

CH:CTR:ec SJ 30-4, 30-5, 30-6, 31-6, 32-5, 32-7, Rosa Unit, 3.0





February 18, 1269

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1969 plan of development for the San Juan 30-4 unit area. Rio Avriba County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

TORIG. SGD.) CARL C. TRAYWICK

CARL C. TRAYWICK Acting Oil and Gas Supervisor

cc: Washington (w/cy. of plan) Durango (w/cy. of plan) NMOCC, Santa Fe (ltr. only) Com. of Pub. Lands, Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION

р. О. ВОХ 2088 SANTA FE, NEW MEXICO 87501

February 6, 1969

547

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: 1969 Drilling Program San Juan 30-4 Unit, Rio Arriba County, New Mexico

Gentlemen:

7

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1969 for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/JEK/og Enclosure

cc: United States Geological Survey Roswell, New Maxico

El Paso Matural Gas Company El Paso, Texas 79999

January 6, 1969

Mr. John A. Anderson Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> San Juan 30-4 Unit #14-08-001-1056 Re: Rio Arriba County, New Mexico 1969 DRILLING PROGRAM

Gentlemen:

By letter dated January 5, 1968, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1968. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1968.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	19
Pictured Cliffs, Noncommercial	2
Pictured Cliffs, Plugged and Abandoned	6
Mesaverde, Commercial	$\frac{2}{29}$

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1969, providing for the drilling of no wells during the year.

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

T. W. Bittick Manager Land Department

TWB:CTR:nja Attachments

San Juan 30-4 Unit, 3.0

Information Copy: Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

APPROVED:

DATE :

Supervisor, United States Geological Survey Subject to like approval by the Oil Conservation Commission

APPROVED :

DATE: Feb. 6, 1969

Oil Conservation Commission VC Subject to like approval by the United States Geological Survey

The foregoing approvals are for the 1969 Drilling Program for the San Juan 30-4 Unit #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. John L. Abercrombie Texas National Bank of Commerce c/o Trust Dept., #1450 P. O. Box 2558 Houston, Texas 77001

Mr. J. R. Abercrombie Post Office Box 224 Bellaire, Texas 77401

Mr. W. E. Alsup, M. D. Box 926 Taos, New Mexico 87571

Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas 77005

Blackwood & Nichols Company Attention: Mr. W. N. Little 2013 First National Building Oklahoma City, Oklahoma 73102

Mrs. Evelyn E. Wallace & James A. Brown Trustees under the Last Will and Testament of Algernon W. Brown Park Drive South Rye, New York 10580

Mrs. Evelyn G. Brown Park Drive South Rye, New York 10580

Mr. James A. Brown Park Drive South Rye, New York 10580

General American Oil Company of Texas Attention: Mr. James W. Goss, Jr. Meadows Building Dallas, Texas 75206

Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas 77002

Mrs. Catherine B. McElvain Individually and as Executrix of the Estate of T. H. McElvain, Deceased Box 2148 Santa Fe, New Mexico 87501

Mr. T. H. McElvain, Jr. Box 2148 Santa Fe, New Mexico 87501 Mr. Forrest B. Miller 1224 Lois Street P. O. Box 1445 Kerrville, Texas 78028 N. B. S. Corporation c/o Mr. Robert E. Fox Attorney at Law Post Office Box 1769 Santa Fe, New Mexico 87501 Pan American Petroleum Corp. (3) Attention: Mr. T. M. Curtis Security Life Building Denver, Colorado 80202 Mr. H. O. Pool

Post Office Box 1585 Scottsdale, Arizona 85251

Mr. Joe Quinn 908 Longwood Loop Mesa, Arizona 85201

Lt. Col. Langdon Dewey Harrison Trustee for Omega E. Quinn Consolidated Mail Room Box 4075 Holloman AFB, New Mexico 87723

Mr. M. A. Romero Post Office Box 11585, Station E Albuquerque, New Mexico 87112

Mr. Robert P. Tinnin Post Office Box 1854 Albuquerque, New Mexico 87108

Phillips Petroleum Company Attention: Mr. R. A. Wolgast 1300 Security Life Building Denver, Colorado 80202 El Paso Natural Gas Company

El Paso, Texas 79999

May 2, 1968

344

Mr. John A. Anderson Regional Oil and Gas Supervisor Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501 The third sectors and the sect

Re: 1968 DRILLING PROGRAMS San Juan and Rio Arriba Counties, New Mexico

Gentlemen:

The 1968 Drilling Programs for the following Units were approved by the regulatory bodies on the dates indicated:

1.	San Juan 30-4 Unit, #14-08-001-1056: United States Geological Survey Commissioner of Public Lands Oil Conservation Commission	January 29, 1968 None Required February 19, 1968
2.	San Juan 32-5 Unit, #14-08-001-534: United States Geological Survey Commissioner of Public Lands Oil Conservation Commission	February 2, 1968 February 5, 1968 February 19, 1968
3.	San Juan 32-7 Unit, #14-08-001-441: United States Geological Survey Commissioner of Public Lands Oil Conservation Commission	February 20, 1968 February 21, 1968 February 28, 1968
4.	San Juan 32-8 Unit, #14-08-001-446: United States Geological Survey Commissioner of Public Lands Oil Conservation Commission	February 19, 1968 February 20, 1968 February 27, 1968

Mr. John A. Anderson Commissioner of Public Lands Oil Conservation Commission Page Two

- 5. San Juan 32-9 Unit, #14-08-001-569: United States Geological Survey Commissioner of Public Lands Oil Conservation Commission
- 6. Rosa Unit, 1 Sec. No. 587:
United States Geological SurveyFebruary 27, 1968Commissioner of Public LandsFebruary 28, 1968Oil Conservation CommissionMarch 18, 1968

Copies of this letter are being sent to the working interest owners of the above described Units.

Yours very truly,

Charles Higgins

May 2, 1968

February 20, 1968

February 23, 1968 February 28, 1968

Charles Higgins Supervising Landman Land Department

CH:CTR:ec

San Juan 30-4, 32-5, 32-7, 32-8, 32-9, Rosa Unit 3.0

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

544

February 19, 1968

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: 1968 Drilling Program San Juan 30-4 Unit Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1968 providing for the drilling of no wells for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey, and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/JEK/og

cc: United States Geological Survey - Roswell Commissioner of Public Lands - Santa Fe



UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Draver 1857 Resuell, New Mexico 88201

January 29, 1965

El Pusc fatural Gis Company F. C. Fox 1407 El P.sc., Texas 78955

streater: Nr. 1. W. Blatter

Costlepen:

Your 1963 plan of sevelopment for the San Juan 30-4 unit area, the Artiba County, New Lexico, proposing the stilling of no Arditional wells, has been approved on this Sate subject to like serroval by the appropriate State officials.

I'm approved copies of the plan are enclosed

Sincerely yours,

(ORIG. SGD.) JOHN A. ARDERSON

JOHN A. ANDERSON Regional Oil and Gas Supervisor MAIN Operation

co: Weshington (Wicy of plat) Fundington (Wicy of plat) MNOCC, Sonta Fe (ltr only) Com of Pub Lones, Santa Fe (ltr only)

"68 JAN 31 AH 10 48

El Paso Natural Gas Company

El Paso, Jexas 79999

January 5, 1968

Mr. John A. Anderson Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1968 DRILLING PROGRAM

Gentlemen:

By letter dated January 3, 1967, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1967. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1967.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commerical	19
Pictured Cliffs, Noncommercial	2
Pictured Cliffs, Plugged and Abandoned	6
Mesaverde Commercial	2
	29

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1968, providing for the drilling of no wells during the year. All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

Batt

T. W. Bittick Manager Land Department

TWB;CTR:md

San Juan 30-4 Unit, 3.0

APPROVED:		DATE:
	Supervisor, United States Geological Survey	
	Subject to like approval by the appropriate	
	State Officials.	
APPROVED:		DATE:
	Commissioner of Public Lands	
	Subject to like approval by the United	
	States Geological Survey and the	
	O'1 Compatient Commission	

Oil Conservation Commission.

APPROVED:

DATE: J. 6. 19. 1968

Oil Conservation Commission Subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

The foregoing approvals are for the 1968 Drilling Program for the San Juan 30-4 Unit, #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. John L. Abercrombie Texas National Bank of Commerce c/o Trust Dept., #1450 P. O. Box 2558 Houston, Texas 77001

Mr. J. R. Abercrombie Post Office Box 224 Bellaire, Texas 77401

Mr. W. E. Alsup, M.D. Box 1394 Las Vegas, Nevada

Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas 77005

Blackwood & Nichols Company Attention: Mr. W. N. Little 2013 First National Building Oklahoma City, Oklahoma 73102

Mrs. Evelyn Ellen Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown Park Drive South Rye, New York 10580

Mrs. Evelyn G. Brown Park Drive South Rye, New York 10580

Mrs. James A. Brown Park Drive South Rye, New York 10580

General American Oil Company of Texas Attention: Mr. James W. Goss, Jr. Meadows Building Dallas, Texas 75206

Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas 77002 Mr. Robert P. Tinnin Post Office Box 1854 Albuquerque, New Mexico 87108

Mrs. Catherine B. McElvain Individually and as Executrix of the Estate of T. H. McElvain, Deceased Box 2148 Santa Fe, New Mexico 87501

Mr. T. H. McElvain, Jr. Box 2148 Santa Fe, New Mexico 87501

Mr. Forrest B. Miller 1224 Lois Street P. O. Box 1445 Kerrville, Texas 78028

N. B.S. Corporation c/o Mr. Robert E. Fox Attorney at Law Post Office Box 1769 Santa Fe, New Mexico 87501

Pan American Petroleum Corp. (3) Attention: Mr. T. M. Curtis Security Life Building Denver, Colorado 80202

Phillips Petroleum Company Attention: Mr. R. A. Wolgast 1300 Security Life Building Denver, Colorado 80202

Mr. H. O. Pool Post Office Box 1585 Scottsdale, Arizona 85251

Mr. Joe Quinn 908 Longwood Loop Mesa, Arizona 85201

Lt. Col. Langdon Dewey Harris Trustee for Omega E. Quinn Consolidated Mail Room Box 4075 Holloman AFB, New Mexico 87723

Mr. M. A. Romero Post Office Box 1906 Santa Fe, New Mexico 87501

El Paso Natural Gas Company

El Paso, Jexas 79999

February 28, 1967

Mr. John A. Anderson Regional Oil and Gas Supervisor Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission # State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> 1967 DRILLING PROGRAMS Re: Rio Arriba and San Juan Counties, New Mexico

for the second s

Gentlemen:

The 1967 Drilling Programs for the following Units were approved by the regulatory bodies on the dates indicated:

	San Juan 30-4 Unit, #14-08-001-1056: Commissioner of Public Lands - Oil Conservation Commission - United States Geological Survey -	January 18, 1967 January 26, 1967 February 6, 1967
	San Juan 30-5 Unit, #14-08-001-346: United States Geological Survey - Commissioner of Public Lands - Oil Conservation Commission -	February 7, 1967 February 9, 1967 February 22, 1967
·	San Juan 30-6 Unit, #14-08-001-538: United States Geological Survey - Commissioner of Public Lands - Oil Conservation Commission -	February 14, 1967 February 16, 1967 February 22, 1967
4.	San Juan 32-5 Unit, #14-08-001-534: United States Geological Survey - Commissioner of Public Lands - Oil Conservation Commission -	February 3, 1967 February 7, 1967 February 9, 1967

5.	San Juan 32-8 Unit, #14-08-001-446: United States Geological Survey - Commissioner of Public Lands - Oil Conservation Commission -	January 26, 1967 February 6, 1967 February 22, 1967
6.	San Juan 32-9 Unit, #14-08-001-569: United States Geological Survey - Commissioner of Public Lands - Oil Conservation Commission -	February 13, 1967 February 16, 1967 February 22, 1967
7.	Rosa Unit, 1 Sec. No. 587: United States Geological Survey - Commissioner of Public Lands - Oil Conservation Commission -	February 6, 1967 February 9, 1967 February 22, 1967

Copies of this letter are being sent to the working interest owners of the above described Units.

Yours very truly, IN

Harry Bevertz Supervising Landman Land Department

HG:CTR:jm

San Juan 30-4, 30-5, 30-6, 32-5, 32-8, 32-9 and Rosa Units - 3.0



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

540

Brower 1857 The Resuell, New Mexico 68201

February 6, 1967

El Table Natural Gas Company P. O. Box 1432 El Fiso, Taxas 79993

Attention: Mr. T. W. Bittick

Gentlema:

Your 1967 plan of development dated January 3, 1967, for the San Juan 30-4 unit area, Rio Arribe County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

(ORIG. SGD.) JOHN A. ANDERSON

JOHN A, ANDERSON Regional Oil and Gas Supervisor

ce: Washington (W/cy of plan) Farmington (W/cy of plan) NMOUC, Santa Fe (ltr. only) Com. of Pub. Lands, Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO

544

January 26, 1967

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: 1967 Drilling Program San Juan 30-4 Unit, Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1967 Drilling Program dated January 3, 1967 for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey,

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands Santa Fe, New Mexico

> United States Geological Survey Roswell, New Mexico

El Paso Natural Gas Company El Paso, Texas 79999 January 3, 1967

Mr. John A. Anderson Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission State of New Mexico Post Office Box 2088 Santa Fe, New Mexico 87501

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1967 DRILLING PROGRAM

Gentlemen:

By letter dated February 25, 1966, El Paso Natural Gas Company, as Unit Crerator, filed a Drilling Program for the captioned Unit for the calendar year 1966. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1966.

As of this date, the total number of wells drilled in the San Juan 30-4. Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	19
Pictured Cliffs, Noncommercial	2
Pictured Cliffs, Plugged and Aba	ndoned 6
Mesaverde, Commercial	2
	29

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1967, providing for the drilling of no wells during the year.

All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied. El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances, and any other wells subsequently deemed necessary or which are requested by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Yours very truly,

Buttich ω .

T. W. Bittick Manager Land Department

TWB:CTR:jm

APPROVED:

____ DATE: _____

Supervisor, United States Geological Survey Subject to like approval by the appropriate State Officials.

APPROVED:

DATE:____

Commissioner of Public Lands Subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

APPROVED: uli

Oil Conservation Commission Subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

_ DATE: Genuary 26, 1967

The foregoing approvals are for the 1967 Drilling Program for the San Juan 30-4 Unit, #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners Mr. John L. Abercrombie The Spur Building 1947 Gray Avenue Houston 19, Texas Mr. J. R. Abercrombie Post Office Box 224 Bellaire, Texas Mr. W. E. Alsup Box 820 Espanola, New Mexico Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas Blackwood & Nichols Company Attention: Mr. W. N. Little 2013 First National Building Oklahoma City, Oklahoma 73102 Mrs. Evelyn Ellen Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown Park Drive South Rye, New York Mrs. Evelyn G. Brown Park Drive South Rye, New York Mr. James A. Brown Park Drive South Rye, New York General American Oil Company of Texas Attention: Mr. James W. Goss, Jr. Meadows Building Dallas 6, Texas Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas Mrs. Catherine B. McElvain Individually and as Executrix of the Estate of T. H. McElvain, Deceased Box 2148 Santa Fe, New Mexico

Mr. T. H. McElvain, Jr. Box 2148 Santa Fe, New Mexico Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico N.B.S. Corporation c/o Mr. Robert E. Fox Attorney at Law Post Office Box 1769 Santa Fe. New Mexico 87501 Pan American Petroleum Corporation (3) Attention: Mr. T. M. Curtis Security Life Building Denver, Colorado 80202 Phillips Petroleum Company Attention: Mr. R. A. Wolgast 1300 Security Life Building Denver, Colorado 80202 Mr. H. O. Pool Post Office Box 1585 Scottsdale, Arizona Mr. Joe Quinn 908 Longwood Loop Mesa, Arizona 85201 Langdon Dewey Harrison Trustee for Omega E. Ouinn Consolidated Mail Room Box 4075 Holloman AFB, New Mexico Mr. M. A. Romero Post Office Box 1906 Santa Fe, New Mexico Mr. Robert P. Tinnin Post Office Box 1854 Albuquerque, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79999

April 6, 1966

but

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissionar of Public Lands State of New Mexico F. O. Box 1148 Santa Fe, New Mexico

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

> Re: San Juan 30-4 Unit, #14-08-001-1056 Rio Arriba County, New Mexico 1966 DRILLING PROGRAM

Gentlemen:

The 1966 Drilling Program for the San Juan 30-4 Unit was approved by the regulatory bodies on the following dates:

- 1. United States Geological Survey March 29, 1966
- Commissioner of Public Lands, March 15, 1966 State of New Mexico
- Gil Conservation Commission, April 1, 1966 State of New Mexico

Copies of this letter are being sent to all the working interest owners of the San Juan 30-4 Unit.

Very truly **K**ours Harr Gevertz

Supervising Landman Land Department

HG:GWO:sb

San Juan 30-4, 3.0

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO

544

April 1, 1966

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: 1966 Drilling Program, San Juan 30-4 Unit, Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1966 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/JEK/og cc: U. S. Geological Survey - Roswell Commissioner of Public Lands - Santa Fe

IN REPLY REFER TO:



UNITED STATES DEPARTMENT OF THE INTERIOR

MA GEOLOGICAL SURVEY

Drawer 1857 Roswell, New Mexico 83201

March 29, 1966

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1966 plan of development dated March 25, 1966, for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

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JOHN A. ANDERSON Regional Oil and Gas Supervisor

cc: Washington (w/cy of plan) Farmington (w/cy of plan) NMOCC - Santa Fe (ltr. only) Com. of Pub. Lands - Santa Fe (ltr. only)

RPearcy: jh:3-29-66

El Paso Natural Gas Company Mille Cristians

MAR 3 MI 0.9

El Paso, Texas 79999

February 25, 1966

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico

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

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1966 DRILLING PROGRAM

Gentlemen:

By letter dated January 13, 1965, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1965. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1965.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs,	Commercial	19
Pictured Cliffs,	Noncommercial	2
Mesaverde		2
Pictured Cliffs,	Plugged and Abandoned	6
		29

The following wells are located on lands that have been eliminated from said Unit. These wells will not be carried on future drilling programs:

Pictured Cliffs, Plugged and Abandoned

San Juan 30-4 Unit #29, NW/4 Sec. 24, T-30-N, R-4-W
 San Juan 30-4 Unit #19, NW/4 Sec. 26, T-30-N, R-4-W
 San Juan 30-4 Unit #25, SE/4 Sec. 11, T-30-N, R-4-W
 San Juan 30-4 Unit #6-33, SW/4 Sec. 33, T-31-N, R-4-W

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1966, providing for the drilling of no wells during the year.

All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances, and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

T. W. Bittick, Manager Land Department

TWB:GWO:sb

Attachments

APPROVED:		DATE :
	Supervisor, United States Geological Survey	
	Subject to like approval by the appropriate	
	State Officials.	
APPROVED:		DATE:
	Commissioner of Public Lands	<u>ومین استان به در مان میکند. این میکند این و میکند میکند میکند استان میکند استان میکند میکند میکند میکند میکند </u>
	Subject to like approval by the United	
	States Geological Survey and the	
	Oil Conservation Commission.	
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	1. DGA	
APPROVED:	U. h. Janen A	DATE:
	Oil Conservation Commission	
	Subject to like approval by the United	
	States Geological Survey and the	
	Commissioner of Public Lands.	

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The foregoing approvals are for the 1966 Drilling Program for the San Juan 30-4 Unit, #14-08-001-1056, Rio Arriba County, New Mexico. SAN JUAN 30-4 UNIT Working Interest Owners

Mr. John L. Abercrombie The Spur Building 1947 Gray Avenue Houston 19, Texas Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas Mr. W. E. Alsup Box 820 Espanola, New Mexico Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas Blackwood & Nichols Company Attention: Mr. W. N. Little 500 Mid-America Bank Building Oklahoma City, Oklahoma Mrs. Evelyn Ellen Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown Park Drive South Rye, New York Mrs. Evelyn G. Brown Park Drive South Rye, New York Mr. James A. Brown Park Drive South Rye, New York General American Oil Company of Texas Attention: Mr. James W. Goss, Jr. Meadows Building Dallas 6, Texas Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas Mrs. Catherine B. McElvain Individually and as Executrix of the Estate of T. H. McElvain, Deceased Box 2148 Santa Fe, New Mexico

Mr. T. H. McElvain, Jr. Box 2148 Santa Fe, New Mexico Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico N.B.S. Corporation c/o Mr. Robert E. Fox Attorney at Law P. O. Box 1713 Santa Fe, New Mexico Pan American Petroleum Corporation (7) Attention: Mr. T. M. Curtis Security Life Building Denver, Colorado 80202 Phillips Petroleum Company Attention: Mr. R. A. Wolgast 1300 Security Life Building Denver, Colorado 80202 Mr. H. O. Pool P. O. Box 1585 Scottsdale, Arizona Mr. Joe Quinn 908 Longwood Loop Mesa, Arizona 85201 Langdon Dewey Harrison, Trustee for Mrs. Omega E. Quinn CMR 2032 **Biggs AFB**, Texas Mr. M. A. Romero P. O. Box 1906 Santa Fe, New Mexico Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

El Paso Natural Gas Company

El Paso, Texas

April 1, 1965

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P.O. Box 1148 Santa Fe, New Mexico

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

> Re: San Juan 30-4 Unit, #14-08-001-1056 Rio Arriba County, New Mexico 1965 DRILLING PROGRAM

Gentlemen:

The 1965 Drilling Program for the San Juan 30-4 Unit was approved by the Regulatory Bodies on the following dates:

1. United States Geological Survey - March 9, 1965

- 2. Commissioner of Public Lands, State of New Mexico - March 4, 1965
- 3. Oil Conservation Commission, State of New Mexico - March 25, 1965

Copies of this letter are being sent to all the working interest owners of the San Juan 30-4 Unit.

Very truly yours,

Harry Gevertz

Regional Landman Land Department

HG:GWO:s1 SJ 30-4, 3.0

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO

March 24, 1965

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Re: 1965 Drilling Program San Juan 30-4 Unit, San Juan County, New Mexico - 1

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1965 Drilling Program for the San Juan 30-4 Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe
U. S. Geological Survey - Roswell

Drawer 1857 Roswell, New Mexico 88201

March 9, 1965

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Hr. Sam Smith

Gentlemen:

Your 1965 plan of development dated January 13, 1965, for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

JOHN A. ANDERSON Regional Oil & Gas Supervisor

cc: Washington (w/cy of plan) Farmington (w/cy of plan) NMOCC - Santa Fe (ltr. only) Com. of Pub. Lands - Santa Fe (ltr. only) Si Lin II ali C

March 4, 1965

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Re: San Juan 30-4 Unit Rio Arriba County, New Mexico 1965 Plan of Development

Gentlemen:

This office does not believe it necessary for the operator to obtain the Commissioner's approval on documents pertaining to units which do not contain State of New Mexico land.

We will approve this particular area for the San Juan 30-4 Unit as a courtesy, however, in the future, we will return them unapproved when the papers pertain to units not containing State of New Mexico land.

Very truly yours,

GUYTON B. HAYS COMMISSIONER OF FUBLIC LANDS

BY: (Nr.) Ted Bilberry, Director Oil and Gas Department

GBH/mmr/d Enclosure cc: United States Geological Survey Oil Conservation Commission

El Paso Natural Gas Company

El Paso, Texas

January 13, 1965

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico

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

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1965 DRILLING PROGRAM

Gentlemen:

By letter dated February 25, 1964, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1964. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1964.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs,	Commercial	19			
Pictured Cliffs,	Non-Commercial	3	(1	plugged	& abandoned)
Mesaverde		2			
Pictured Cliffs,	Plugged and Abandoned	9			
		33			

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year of 1965, providing for the drilling of no wells during the year.

All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied. El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances, and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By_____

Sam Smith, Manager Land Department

SS:CTR:js

2 Get El Paso Natural Gas Company

El Paso, Texas

ing and The state

May 8, 1964

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, New Mexico

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

> Re: San Juan 30-4 Unit, #14-08-001-1056 Rio Arriba County, New Mexico 1964 DRILLING PROGRAM

Gentlemen:

~ •

The 1964 Drilling Program for the San Juan 30-4 Unit was approved by the regulatory bodies on the following dates:

- 1. United States Geological Survey April 21, 1964
- Commissioner of Public Lands, State of New Mexico - April 1, 1964
- 3. Oil Conservation Commission, State of New Mexico - April 8, 1964

Copies of this letter are being sent to all the working interest owners of the San Juan 30-4 Unit.

Very truly yours,

Charles J. Kichardson

Charles T. Richardson Area Coordinator Land Department

CTR:GWO:js

SJ 30-4, 3.0

APPROVED:

2

Supervisor, United States Geological Survey Subject to like approval by the appropriate State Officials.

APPROVED:

Commissioner of Public Lands Subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

APPROVED:

Oil Conservation Commission Subject to like approval by the United States Geological Survey and the Commissioner of Public Lands. DATE:

DATE:

DATE:

The foregoing approvals are for the 1965 Drilling Program for the San Juan 30-4 Unit, #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. John L. Abercrombie The Spur Building 1947 Gray Avenue Houston 19, Texas

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

Mr. W. E. Alsup Box 820 Espanola, New Mexico

Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas

Blackwood & Nichols Company Attention: Mr. W. N. Little 500 Mid-America Bank Building Oklahoma City, Oklahoma

Mrs. Evelyn Ellen Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown Park Drive South Rye, New York

Mrs. Evelyn G. Brown Park Drive South Rye, New York

Mr. James A. Brown Park Drive South Rye, New York

General American Oil Company of Texas Attention: Mr. James W. Goss, Jr. Meadows Building Dallas 6, Texas

Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas

Mrs. Catherine B. McElvain Individually and as Executrix of the Estate of T. H. McElvain, Deceased Box 2148 Santa Fe, New Mexico

Mr. T. H. McElvain, Jr. Box 2148 Santa Fe, New Mexico



Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

N.B.S. Corporation c/o Mr. Robert E. Fox Attorney at Law P. O. Box 1713 Santa Fe, New Mexico

Pan American Petroleum Corporation Attention: Mr. T. M. Curtis P. O. Box 480 Farmington, New Mexico

Phillips Petroleum Company Attention: Mr. A. J. Hintze 623 Frank Phillips Building Bartlesville, Oklahoma

Phillips Petroleum Company Attention: Mr. C. W. Corbett 1200 Denver Club Building Denver 2, Colorado

Mr. H. O. Pool P. O. Box 1585 Scottsdale, Arizona

Mr. Joe Quinn Route 4, Box 4196 Mesa, Arizona

Langdon Dewey Harrison, Trustee for Mrs. Omega E. Quinn 3212 Carswell Drive Biggs A.F.B., Texas

Mr. M. A. Romero P. O. Box 1906 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico Draver 1857 Boswell, New Mexico 88201

April 21, 1964

✓ A₁, #

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Gentlemen:

Your 1964 plan of development dated Pebruary 25, 1964, for the San Juan 30-4 unit area, Rie Arriba County, New Maxico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Simearaly yours,

(ORIG. SGD.) JOHN A. ANDERSON

JOHN A. AREERSON Regional Oil & Gas Supervisor

cc: Washington (w/cy of plan) Farmington (w/cy of plan) NMOCC - Santa Fe (ltr. only) Com. of Pub. Lands (ltr. only)

544

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

April 8, 1964

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Re: 1964 Drilling Program San Juan 30-4 Unit, Rio Arriba County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1964 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/JEK/og

cc; U. S. Geological Survey - Roswell Commissioner of Public Lands - Santa Fe

El Paso Natural Gas Company

El Paso, Jexas

February 25, 1964

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P. O. Box 791 Santa Fe, New Mexico

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

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1964 DRILLING PROGRAM

Gentlemen:

٠.,

By letter dated February 7, 1963, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1963. Said program provided for the drilling of no wells and none were drilled in subject Unit during 1963.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	19				
Pictured Cliffs, Non-Commercial	3	(1	Plugged	&	Abandoned)
Mesaverde	2				
Pictured Cliffs, Plugged and Abandoned	9				
,	33				

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year of 1964, providing for the drilling of no wells during the year since the present economic limits of development in this Unit have been established.

All working interest owners have been contacted and this Drilling Program reflects, insofar as possible, their desires for additional drilling and El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current unit obligations have been satisfied. El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners in the affected drilling blocks.

If this program is acceptable, please signify your approval of this Drilling Program as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

unit Sam Smith, Manager

Land Department

SS: GWO: js

APPROVED:		DATE:
	Supervisor, United States Geological Survey Subject to like approval by the appropriate State Officials.	
APPROVED:	Commissioner of Public Lands	DATE:
	Subject to like approval by the United States Geological Survey and the Oil Conservation Commission.	
APPROVED:	A.J. Man	DATE: <u></u>
	Oil Conservation Commission Subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.	

The foregoing approvals are for the 1964 Drilling Program for the San Juan 30-4 Unit, #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. John L. Abercrombie The Spur Building 1947 Gray Avenue Houston 19, Texas

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

Mr. W. E. Alsup Box 820 Espanola, New Mexico

Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas

Blackwood & Nichols Company Attention: Mr. W. N. Little 500 Mid-America Bank Building Oklahoma City, Oklahoma

Mrs. Evelyn Ellen Wallace & James A. Brown, Trustees under the Last Will and Testament of Algernon W. Brown Park Drive South Rye, New York

Mrs. Evelyn G. Brown Park Drive South Rye, New York

Mr. James A. Brown Park Drive South Rye, New York

General American Oil Company of Texas Attention: Mr. James W. Goss, Jr. Meadows Building Dallas 6, Texas

Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas

Mrs. Catherine B. McElvain Individually and as Executrix of the Estate of T. H. McElvain, Deceased Box 2148 Santa Fe, New Mexico

Mr. T. H. McElvain, Jr. Box 2148 Santa Fe, New Mexico Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico N.B.S. Corporation c/o Mr. Robert E. Fox Attorney at Law P. O. Box 1713 Santa Fe, New Mexico Pan American Petroleum Corporation. Attention: Mr. T. M. Curtis P. O. Box 480 Farmington, New Mexico Phillips Petroleum Company Attention: Mr. A. J. Hintze 402 Bank Building Bartlesville, Oklahoma Phillips Petroleum Company Attention: Mr. C. W. Corbett 1200 Denver Club Building Denver 2, Colorado Mr. H. O. Pool P. O. Box 1585 Scottsdale, Arizona Mr. Joe Quinn Route 4, Box 4196 Mesa, Arizona Mrs. Omega E. Quinn c/o Mildred Ellis P. O. Box 625 Taos, New Mexico Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

El Paso Natural Gas Company

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El Paso, Texas

April 4, 1963

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P. O. Box 791 Santa Fe, New Mexico

Oil Conservation Commission State of New Mexico P. O. Box 871 Santa Fe, New Mexico

> Re: San Juan 30-4 Unit Rio Arriba County, New Mexico 1963 DRILLING PROGRAM

Gentlemen:

The 1963 Drilling Program for the San Juan 30-4 Unit was approved by the regulatory bodies on the following dates:

1. United States Geological Survey - March 22, 1963

- 2. Commissioner of Public Lands February 15, 1963
- 3. Oil Conservation Commission - March 27, 1963

Copies of this letter are being sent to all the working interest owners of the San Juan 30-4 Unit.

Very truly yours,

Charles T. Richardson

Area Coordinator Land Department

CTR: GWO: js

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

544

March 27, 1963

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Re: 1963 Drilling Frogram San Juan 30-4 Unit, Rio Arriba, County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1963 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Fublic Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALF/JEK/1g

cc: Commissioner of Public Lands Santa Fe, New Mexico

> United States Geological Survey Roswell, New Maxico

MAN OFFICE OCC

1883 MAR 235 MM 8117

Drawer 1857 Roswell, New Maxico

March 22, 1963

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Gentlemen:

Your 1963 plan of development dated February 7, 1963, for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, proposing the drilling of no additional wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Very truly yours,

[Onig. Sgd.] JOHN A. ANDERSON

JOHN A. ANDERSON Regional Oil and Gas Supervisor

Copy to: Washington (w/cy of plan) Farmington (w/cy of plan) NMOCC - Santa Fe (ltr. only) Com. of Pub. Lands - Santa Fe (ltr. only)



February 15, 1963

El Paso Natural Gas Company P. O. 1492 El Paso, Texas

> Re: San Juan 30-4 Unit, Rio Arriba County, New Mexico, 1963 Drilling Frogram

Attention: Mr. Sam Smith

Gentlemen:

The Commissioner of Public Lands has approved as of this date the 1963 Drilling Frogram for the San Juan 30-4 Unit Area, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

We are returning one approved copy.

Very truly yours,

E. S. Johnny Walker COMMISSIONER OF PUBLIC LORDS

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

ESW/mmr/e encl: United States Geological Survey cc: Roswell, New Mexico

> Oil Conservation Commission Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas

February 7, 1963

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P. O. Box 791 Santa Fe, New Mexico

Oil Conservation Commission State of New Mexico P. O. Box 871 Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1963 DRILLING PROGRAM

Gentlemen:

By letter dated March 9, 1962, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned unit for the calendar year 1962, and said Program provided for the drilling of no wells.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs	(commercial)	19	
Pictured Cliffs	(non-commercial)	3	(1 P&A)
Mesaverde		2	
Pictured Cliffs	(plugged & abandoned)	9	(includes PC
			well above)
		33	

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1963, consisting of no wells to be drilled since the present economic limits of development in this unit have been established. All working interest owners have been contacted and this Drilling Program reflects, insofar as possible, their desires for additional drilling and El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current unit obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners in the affected drilling blocks.

If this program is acceptable, please signify your approval of this Drilling Program as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Drilling Program are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Bv Sam Smith, Manager

Land Department

SS:GWO:ag

	DATE:
Supervisor, United States Geological Survey Subject to like approval by the appropriate State officials.	
	DATE:
Subject to like approval by the United States Geological Survey and the Oil Conservation Commission.	
Oil Conservation Commission Subject to like approval by the United States Geological Survey and the Commissioner of Publ	DATE: 3 27-63
	Subject to like approval by the appropriate State officials. Commissioner of Public Lands Subject to like approval by the United States Geological Survey and the Oil Conservation Commission. Oil Conservation Commission Subject to like approval by the United States

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The foregoing approvals are for the 1963 Drilling Program for the San Juan 30-4 Unit, #14-08-001-1056, Rio Arriba County, New Mexico.

Lands.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. John L. Abercrombie The Spur Building 1947 Gray Avenue Houston 19, Texas

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

Mr. W. E. Alsup Box 820 Espanola, New Mexico

Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas

Blackwood & Nichols Company Attention: Mr. W. N. Little 500 Mid-America Bank Building Oklahoma City, Oklahoma

Mrs. Evelyn Ellen Wallace & James A. Brown, Trustees under the Last Will & Testament of Algernon W. Brown Park Drive South Rye, New York

Mrs. Evelyn G. Brown Park Drive South Rye, New York

Mr. James A. Brown Park Drive South Rye, New York

General American Oil Company of Texas Attention: Mr. James W. Goss, Jr. Meadows Building Dallas 6, Texas

Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas

Mr. T. H. McElvain, Jr. P. O. Box 2148 Santa Fe, New Mexico Mrs. Catherine B. McElvain Individually and as Executrix of the Estate of T. H. McElvain, Dec'd. P. O. Box 2148 Santa Fe, New Mexico

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

N.B.S. Corporation c/o Mr. Robert E. Fox, Attorney at Law P. O. Box 1713 Santa Fe, New Mexico

Pan American Petroleum Corporation (12) Attention: Mr. T. M. Curtis P. O. Box 480 Farmington, New Mexico

Phillips Petroleum Company Attention: Mr. R. F. Rood 402 Bank Building Bartlesville, Oklahoma

Mr. H. O. Pool P. O. Box 1585 Scottsdale, Arizona

Mr. Joe Quinn Route 4, Box 4196 Mesa, Arizona

Mrs. Omega E. Quinn c/o Mildred Ellis P. O. Box 625 Taos, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico El Paso Natural Gas Company

El Paso, Jexas September 14, 1962

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Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P. O. Box 791 Santa Fe, New Mexico

Oil Conservation Commission State of New Mexico P. O. Box 871 Santa Fe, New Mexico

> Re: San Juan 30-4 Unit Exhibit "B"

Gentlemen:

Please find enclosed copies of the San Juan 30-4 Unit Exhibit "B" which has been revised effective July 26, 1962.

This Exhibit "B" was mailed to the working interest owners of the San Juan 30-4 Unit under date of August 2, 1962, and were advised that if they should have any corrections or changes, to notify El Paso within ten days. As of this date, no working interest owner has notified El Paso of any correction or changes, so this Exhibit "B" is presumed to reflect the correct interests of each working interest owner.

Very truly yours,

Charles T. Richardson Area Coordinator Land Department

CTR:GWO:ojp

Enclosure

CC: All Working Interest Owners

Revised July 26, 1962	2 <u>T-30-N, R-4-W</u> Sec. 2: Lots 1 through 14, SE/4 NE/4, 9, SW/4 NE/4, 8/2 NW/4, NE/4, 8/2 NW/4, S/2	FEDERAL LANDS	Tract No. Description
	1,030.48 through '4 NE/4, '4, S/2 '4, S/2	Eliminated	Schedule Int No. of Acres
	SF 079482 7-1-49 5 years	from Unit	Schedule Showing the Interests in all Serial No. No. of Serial No. Acres Lease Date
	USA 12/27 A11	Area	EX Percentage Lands in 1 Land Own Percenta of Roya
	El Paso Natural Gas Company		Ownership 30-4 Unit Owner Owner e or e or
	 R. P. Tinnin H. A. Howell M. A. Romero J. R. Abercrombie Joe Quinn Omega E. Quinn N B S Corporation H. O. Pool Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Will of Algernon W. Brown, Deceased, & Evelyn G. Brown & James Algernon T. H. McElvain Forrest B. Miller W. E. Alsup, et ux T. H. McElvain, Jr. Catherine Frances McElvain Ralph H. McCullough John L. Abercrombie John L. Barkley 		of Oil and Gas Agreement Overriding Royalty Owner & Percentage
	.0636567 .1500007 .1697507 .25462507 .1909697 .5092507 .5092507 .6 .5092507 .8487507 .2121877 .1060947 .1060947 .1060947 .0848757 .0848757		
	El Paso Natural Gas Co. (1)		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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PAGE 1

Revi	12	11	10	ę	8	7	<u>о</u>	S	FEDE	Tract No.
Revised July 26, 1962	<u>T-30-N, R-4-W</u> Sec. 27: Lots 1,2, E/2, N/2 NW/4, SE/4 NW/4, NE/4 SW/4, S/2 SW/4	T-30-N, R-4-W Sec. 15: All Sec. 17: All	T-30-N, R-4-W Sec. 18: Lots 1,2,3,4, E/2 W/2, E/2 (All)	<u>T-30-N, R-4-W</u> Sec. 16: All	Now combined with Tract No.	Eliminated from Unit Area	T-30-N, R-4-W Sec. 10: Lots 1,2,3, SW/ NE/4, NW/4, S/2 Sec. 12: Lots 1 through 7 W/2 NE/4, NW/4, SE/4 Sec. 14: Lots 1 through 1 W/2 NW/4, SW/4, W/2 NW/4, SW/4, W/2 SE/4	<u>T-30-N, R-4-W</u> Sec. 7: Lots 1,2,3,4 E/2, E/2 W/2 (All) Sec. 9: All	FEDERAL LANDS	Description
	2,420.31 , N/2 ,//4, 2 SW/4	1,280.00	539.04 All)	640.00	No. 6	Ċ B	1,047.21 SW/4 S/2 SW/4 NE/4 V/4, NE/4 SE/4 SE/4 Jgh 10, Jgh 10,	1,178.30 (A11)		No. of Acres
	SF 079486 7-1-49 5 years	SF 079485-B 10-1-48 5 years	SF 079485-A 10-1-48 5 years	SF 079485 10-1-48 5 years			SF 079484-A 7-1-49 5 years	SF 079483-A 10-1-48 5 years		Serial No. and Lease Date
	usa 12/2% All	USA 12/2% All	usa 12/27 All	usa 12/2 All			usa 12/2°, All	USA 12/2% All		Land Owner Percentage of Royalty
PAGE 3	El Paso Natural Gas Company	El Paso Natural Gas Company	El Paso Nátural Gas Company	El Paso Natural Gas Company			El Paso Natural Gas Company	El Paso Natural Gas Company		Record Owner of Lease or Application
	Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Tract 2	Same ownership as Tract 2			Same ownership as Tract 2	Same ownership as Tract 3		Overriding Royalty Owner & Percentage
	Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Tract 2	Same ownership as Tract 2			Same ownership as Tract 2	Same ownership as Tract 3		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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Revi	12	11	10	9	ω	7	6	U	FEDE	Tract No.
Revised July 26, 1962	<u>T-30-N, R-4-W</u> Sec. 27: Lots 1,2, E/2, N/2 NW/4, SE/4 NW/4, NE/4 SW/4, S/2 SW/4	<u>T-30-N, R-4-W</u> 1,280,00 Sec. 15: All Sec. 17: All	<u>T-30-N, R-4-W</u> Sec. 18: Lots 1,2,3,4, E/2 W/2, E/2 (A11)	<u>T-30-N, R-4-W</u> Sec. 16: All	Now combined with Tract No. 6	Eliminated from Unit Area	T-30-N, R-4-W Sec. 10: Lots 1,2,3, SW/4 NE/4, NW/4, S/2 Sec. 12: Lots 1 through 7, W/2 NE/4, NW/4, NE/4 SW/4, NW/4 SE/4 Sec. 14: Lots 1 through 10, W/2 NW/4, SW/4, W/2 SE/4	T-30-N, R-4-W 1,178.30 Sec. 7: Lots 1,2,3,4 E/2, E/2, K/2 W/2 (A11) Sec. 9: All	FEDERAL LANDS	t No. of Description Acres
	. SF 079486 7-1-49 5 years) SF 079485 -B 10-1-48 5 years	SF 079485-A 10-1-48 5 years) SF 079485 10-1-48 5 years			SF 079484-A 7-1-49 5 years) SF 079483-A 10-1-48 5 years		Serial No. and Lease Date
	USA 12/2。A11	USA 12/2°8 A11	USA 12/2°, A11	USA 12/27. All			USA 12/2° All	USA 12次 A11		Land Owner Percentage of Royalty
PAGE 3	El Paso Natural Gas Company	El Paso Natural Gas Company	El Paso Nátural Gas Company	El Paso Natural Gas Company			El Paso Natural Gas Company	El Paso Natural Gas Company		Record Owner of Lease or Application
	Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Tract 2	Same ownership as Tract 2			Same ownership as Tract 2	Same ownership as Tract 3		Overriding Royalty Owner & Percentage
	Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Tract 2	Same ownership as Tract 2			Same ownership as Tract 2	Same ownership as Tract 3		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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Revised July 26, 1962	13 <u>T-30-N, R-4-W</u> Sec. 22: All	Sec. 28: Lots 1 throug N/2, SW/4 NE/ Sec. 33: Lots 1 throug NE/4, NW/4, N Sec. 34: Lots 1,2,3,4, N/2 S/2	12 (continued)	FEDERAL LANDS	Tract No. Description
	640.00	1 through 11, N/2 SW/4 NE/4, S/2 SW/4 1 through 6, S/2 NW/4, N/2 S/2 1,2,3,4, N/2, /2			No. of Acres
	SF 079487 10-1-48 5 years	/4			Serial No. and Lease Date
	USA 12/2% A11				Land Owner Percentage of Royalty
<pre>N B S Corporation M. Joe Quinn Omega Quinn R. P. Tinnin H. O. Pool Evelyn Ellen Wallace & James Algernon Brown Trustees under the Last Will of Algernon Brown, & Evelyn G. Brown & James Algernon Brown, Individually J. R. Abercrombie Lela L. Barkley Ralph H. McCullough T. H. McElvain (For percentages see Oil Rights) T. H. McElvain, Jr. PAGE 4</pre>	M. A. Romero W. E. Alsup Forrest B. Miller				Record Owner of Lease or Application
M. A. Romero ce & own Last rown, \$ \$ \$ \$ ain ee	Squire Production Waymon Peavy William G. Webb				Overriding Royalty Owner & Percentage
.54688% 3.16094%	1.17633% 1.30703% .13070%				
 R. P. Tinnin	<mark>s Rights:</mark> Paso Natural Gas C 59				Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Fercentage of Interest

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16	15	14	FEDE 13 (Tract No.
T-30-N, R-4W Sec. 29: All Sec. 30: Lots 1, 2, 3, E/2, E/2 W/2 (Sec. 32: Lots 1, 2, 3, N/2, N/2 S/2 (<u>T-30-N, R-4-W</u> Sec. 31: Lots 1 through 7, NE/4, E/2 NW/4, NE/4 SW/4, N/2 SE/4	<u>T-30-N, R-4-W</u> Sec. 19: Lots 1,2,3,4, E/2, E/2 W/2 (A11) Sec. 20: A11 Sec. 21: A11	FEDERAL, LANDS 13 (Continued)	Description
1,786.72 , 4, (A11) , 4, (A11)	506.24 W/4, SE/4	1,819.52 (A11)		No. of Acres
SF 079488 - A 10 - 1-48 5 years	SF 079488 10-1-48 5 yeærs	SF 079487 - A 10 - 1-48 5 years		Serial No. and Lease Date
USA 12/2°, A11	USA 12次 A11	USA 12∕∕⊉ A11		Land Owner Percentage of Royalty
El Paso Natural Gas Company	Same Ownership as Tract 13	El Paso Natural Gas Company		Record Owner of Lease or Application
Same Ownership as Tract 3	Same Ownership as Tract 13	Same Ownership as Tract 3		Overriding Royalty Owner & Percentage
Same Ownership as Tract 3	Same Ownership as Tract 13	Same Ownership as Tract 3	Omega E. Ouinn1.96875%R. P. Tinnin.65625%H. O. Pool5.25000%Evelyn Ellen Wallace & James Algernon Brown, Trustees under the LastWill of Algernon W. Brown; & Evelyn G. Brown & James Algernon Brown, Indiv.J. R. Abercrombie1.75000%John L. Abercrombie1.75000%Ralph H. McCullough7.29160%T. H. McElvain7.29170%	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Revised July 26, 1962

PAGE 5

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 					-
	19	18	17	FEDE	Tract. No.
	Eliminated	Eliminated	Eliminated	FEDERAL LANDS	
	nated f			SQ	Description
	from Unit Area	from Unit	from Unit Area		
	t Area	t Area	t Area		No. of Acres
~ 1					
18 FEDER (Five tr					Serial No. and Lease Date
FEDERAL LAND ive tracts el:					
18 FEDERAL LAND TRACTS - 16,285 (Five tracts eliminated and one					Land Owner Percentage of Royalty
ed and					
					Record Owner of Lease or Application
; 84 acres combined)					or Or
					Ove Own
					Overriding Royalty Owmer & Percentage
					, Royalı Ecenta
					r s
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					Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
					Owner , Opera ignment
					Under ting and

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Revised July 26, 1962

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PACE 6

Revised	24	23	22 22			21	PATENTED 20 El	Tract No.
sed July 26, 1962	Eliminated from Unit	Eliminated from Unit	<u>T-30-N, R-4-W</u> H.E.S. 287	T-31-N, R-4-W H.E.S. 290	<u>T-30-N & 31-N, R-4-W</u> H.E.S. 283 H.E.S. 279	T-3 0-N, R-4-W H.E.S. 387 H.E.S. 368 H.E.S. 292 H.E.S. 291 H.E.S. 286 H.E.S. 286 H.E.S. 280 H.E.S. 280 H.E.S. 278	<u>NTED LANDS</u> Eliminated from Unit	t Description
	Area	Area	120.89	76.56	159.09 159.14	127.06 159.91 99.40 153.39 159.18 157.02 133.22 96.55	Area	No. of Acres
			12-29-47 10 years			12-29-47 10 years		Serial No. and Lease Date
			J. Denton Simms, Trustee, Estate of Emmet Wirt, 12/2% All			J. Denton Simms, Trustee, Estate of Emmet Wirt, 12/2% All		Land Owner Percentage of Royalty
PAGE 7			Pan American Petroleum Corp., Blackwood & Nichols Co., & El Paso Natural Gas Company			Pan American Petroleum Corp.		Record Owner of Lease or Application
			Pan American Petroleum Corp. 1/8 of 7/8 to base of the Pictured Cliffs Formation. (As to that part lying in SE/4 of Section 14)			None		Overriding Royalty Owner & Percentage
			On that part lying in the SE/4 of Section 14: Full Oil & Gas Rights to base of Pictured Cliffs: El Paso Natural Gas Co. All Full Oil & Gas Rights below base of Pictured Cliffs; Pan American Petroleum Corp. SE/4 of Section 14: Pan American Petroleum Corp. All			Pan American Petroleum Corporation All		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

	24A <u>T-30-N, R-4-W</u> H.E.S. 386	PATENTED LANDS	Tract No. Description
	135.10		No. of Acres
3 PATENTED L (Two tracts	6-9-58 5 years		Serial Nc. and Lease Date
3 PATENTED LAND TRACTS - 1,736.51 acr (Two tracts eliminated and one added)	Jose C. Gomez, a single man 12/2% All		Land Owner Percentage of Royalty
3 PATENTED LAND TRACTS - 1,736.51 acres (Two tracts eliminated and one added)	El Pasc Natural Gas Company		Land Owner Record Owner Percentage of Lease or of Royalty Application
	None		Overriding Royalty Owner & Percentage
	El Paso Natural Gas Co. All		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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Ξ El Paso Natural Gas Company's working interest is subject to a sliding scale overriding royalty interest in favor of Blackwood & Nichols as to gas production. An overriding royalty interest of 33 1/3% of all liquid hydrocarbons recovered or extracted from gas production and an ORRI of 1/16 of 8/8 on oil production until payout of all wells then increasing to 1/8 of 8/8.

Revised July 26, 1962

	Patented Land	State Land	Federal Land		
Total					
17	اس	0	14	Number of Tracts	
18,022.35	1,736.51	None	16,285.84	Acreage	RECAPITULA
100.0000%	9.6353%	None	90.3647%	Percentage	ATION

Note: Tracts 1, 7, 17, 18, 19, 20, 23, and 358.92 acres of Tract 24 have been eliminated from the Unit Area.

Revised July 26, 1962

PAGE 9



UNITED STATES

547

202 ILW 200 Fil 1 29 Draver 1857 Rosvell, New Mexico

May 10, 1962

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Gentlemen:

Your 1962 plan of development dated March 9, 1962, for the San Juan 30-4 unit area, Rio Arriba County, New Mexico, proposing the drilling of no additional walls, has been approved on this date, subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Very truly yours,

Attention: Mr. Sam Smith

(Ong.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK Acting Regional Oil & Gas Supervisor

Copy to: Washington (w/cy of plan) Farmington (w/cy of plan) NMOCC-Santa Fe (ltr only) Com. of Pub. Lands-Santa Fe (ltr only)

El Paso Natural Gas Company

El Paso, Jexas

May 18, 1962

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P. O. Box 791 Santa Fe, New Mexico

Oil Conservation Commission State of New Mexico P. O. Box 871 Santa Fe, New Mexico

> Re: San Juan 30-4 Unit 1962 Drilling Program

and the

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Gentlemen:

The 1962 Drilling Program for the San Juan 30-4 Unit was approved by the regulatory bodies on the following dates:

1. United States Geological Survey - May 10, 1962

- 2. Commissioner of Public Lands March 21, 1962
- 3. Oil Conservation Commission March 28, 1962

Copies of this letter are being sent to the working interest owners of the San Juan 30-4 Unit.

Very truly yours,

Charles T. Richardson Area Coordinator Land Department

CTR:GWO:js

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

March 23, 1962

El Paso Natural Gas Company Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Re: 1962 Drilling Program San Juan 30-4 Unit, Rio Arribe County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1962 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/JEK/00

cc: U. S. Geological Survey - Reswell Commissioner of Public Lands - Santa Fe March 21, 1962

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

> Re: San Juan 30-4 Unit Rio Arriba County New Mexico, 1962 Drilling Program

Attention: Mr. Sam Smith

Gentlemen:

The Commissioner of Public Lands has of this data approved the 1962 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States G&ological Survey and the Oil Conservation Commission.

Two approved copies are enclosed.

Very truly yours,

E. S. JOHNNY WALKER COMMISSIONER OF PUBLIC LANDS

RSW/mmr/w

cc: U. S. Geological Survey Roswell, New Mexico

> Oil Conservation Commission Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas

February USVX US62

March 9, 1962

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico P.O. Box 791 Santa Fe, New Mexico

Oil Conservation Commission State of New Mexico P.O. Box 871 Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1962 DRILLING PROGRAM

Gentlemen:

By letter dated January 20, 1961, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned unit for the calendar year 1961, and said Program provided for the drilling of no wells.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs	(commercial)	19	
Pictured Cliffs	(non-commercial)	3	(1 P&A)
Mesaverde		2	
Pictured Cliffs	(plugged & abandoned)	9	(includes PC well
			above)

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1962, consisting of no wells to be drilled since the present economic limits of development in this unit have been established. However, El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners in the affected drilling blocks. All the working interest owners have been contacted and we have received no requests for drilling from said owners.

If this program is acceptable, please signify your approval of this drilling program as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this drilling program are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By, Sam Smith, Manager

Land Department

SS:GA:cah

APPROVED:	DATE:					
	Supervisor, United States Geological Survey Subject to like approval by the appropriate					
	State officials.					
APPROVED	DATE:					
APPROVED	Commissioner of Public Lands					
	Subject to like approval by the United States					
	Geological Survey and the Oil Conservation Commission.					
	GJ (PI)	3/20/1.2				
APPROVED		0/17/00				
	Oil Conservation Commission /					
	Subject to like approval by the United States					
	Geological Survey and the Commissioner of Public	3				
	Lands.					

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The foregoing approvals are for the 1962 Drilling Program for the San Juan 30-4 Unit, #14-08-001-1056, Rio Arriba County, New Mexico.

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. John L. Abercrombie The Spur Building 1947 Gray Avenue Houston 19, Texas

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

Mr. W. E. Alsup 320 East Chuska Aztec, New Mexico

Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas

Blackwood & Nichols Company (Information Attention: Mr. W. N. Little only) 500 Mid-America Bank Building Oklahoma City, Oklahoma

Mrs. Evelyn Ellen Wallace & James A. Brown, Trustees under the Last Will & Testament of Algernon W. Brown Park Drive South Rye, New York

Mrs. Evelyn G. Brown Park Drive South Rye, New York

Mr. James A. Brown Park Drive South Rye, New York

General American Oil Company of Texas Attention: Mr. James W. Goss, Jr. Meadows Building Dallas 6, Texas

Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas

Mr. T. H. McElvain & Catherine B. McElvain 220 Shelby Street Santa Fe, New Mexico Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

N.B.S. Corporation c/o Mr. Robert E. Fox, Attorney at Law P. O. Box 1713 Santa Fe, New Mexico

Pan American Petroleum Corporation (12) Attention: Mr. T. M. Curtis P. O. Box 480 Farmington, New Mexico

Phillips Petroleum CompanyAttention: Mr. R. F. Rood or Mr. V. H.508 Bank BuildingStoneBartlesville, Oklahoma

Phillips Petroleum Company Attention: Division Landman Land & Geological Department 1200 Denver Club Building Denver 2, Colorado

Mr. H. O. Pool P. O. Box 1585 Scottsdale, Arizona

Mr. Joe Quinn Route 4, Box 4196 Mesa, Arizona

Mrs. Omega E. Quinn P. O. Box 7336 Albuquerque, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico El Paso Natural Gas Company

El Paso, Texas

May 31, 1961

Case # 544

Mr. John A. Anderson Regional Oil & Gas Supervisor United States Geological Survey Drawer 1857 Roswell, New Mexico

Commissioner of Public Lands State of New Mexico Post Office Box 791 Santa Fe, New Mexico

Oil Conservation Commission State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Re: San Juan 30-4 Unit

Gentlemen:

The 1961 Drilling Program for the San Juan 30-4 Unit was approved by the regulatory bodies as follows:

1.	United	States	Geological	Survey	March 13,	1961
----	--------	--------	------------	--------	-----------	------

- 2. Commissioner of Public Lands February 10, 1961
- 3. Oil Conservation Commission March 22, 1961

Copies of this letter are being sent to the working interest owners of the San Juan 30-4 Unit.

Very truly yours,

EL PASO NATURAL GAS COMPANY

mino By Charles Higgins

Area Coordinator Land Department

CH:GA:cah

C _ CONSERVATION COMMISS. .N P. O. BOX 871 SANTA FE, NEW MEXICO

Case # 544

March 22, 1961

El Pese Natural Gas Company P. O. Bex 1492 El Pase, Texas

Attention: Mr. Sam Smith

Re: 1961 Plan of Development San Juan 30-4 Unit Rio Arriba County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1961 Plan of Development for the San Juan 30-4 Unit Rie Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/JEK/ig

ec: Commissioner of Public Lands Santa Fe, New Mexico

> U. S. Geological Survey Roswell, New Mexico



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(mar # 544

P. O. Box 6721 Roswell, New Maxico

March 13, 1961

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Gentlemen:

Your 1961 plan of development dated January 20, 1961, for the San Juan 30-4 unit area, Rio Arriba County, New Maxico, which proposes the drilling of no additional wells, has been approved on this date. The Commissioner of Public Lands of the State of New Mexico approved the plan as a matter of record on February 10, 1961.

Two approved copies of the plan are enclosed.

Very truly yours,

TODE. SEE. J 20HN J. ANDERSON

JOHN A. ANDERSON Regional Oil and Gas Supervisor

Copy to: Washington Farmington (w/cy of plan) NHOCC, Santa Fe (ltr. only) In reply refer to: Unit Division

the second

2581 FEB 1.5 07 01 41

Pebruary 10, 1961

El Paso Hatural Gas Company P. O. Box 1492 El Paso, Tuxas

> Re: 1961 Drilling Program San Juan 30-4 Unit Rio Arriba County, New Mexico

Attention: Mr. Sam Smith

Contlemen:

There being no State lands within the boundaries of the San Juan 30-4 Unit Area, the Coumissioner of Public Lands herewith approves the 1961 Brilling Program as a matter of record.

We are enclosing two approved copies of the Development Plan.

Very truly yours.

E. S. JOHNNY WALKER Commissioner of Public Lands

KSW/wmr/s

CC:

United States Geological Survey P. O. Box 6721 Roswell, New Mexico

Oil Conservation Commission P. O. Box 871 Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Jexas

A. J. M. C. Land Call

January 23, 1961

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Post Office Box 6721 Roswell, New Mexico

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico NOTICE OF DRY HOLE Pictured Cliffs Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on August 29, 1960, that the following described well was not capable of producing unitized substances from the Pictured Cliffs Formation:

> The San Juan Unit #31 Well is located 1150' from the North line and 1150' from the West line of Section 14, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on August 1, 1960, and drilled to a total depth of 4130' in the Pictured Cliffs Formation. On November 12, 1960, the well was plugged and abandoned in the following manner:

- 1. Spotted 40 sacks of cement plug across Pictured Cliffs Formation.
- 2. Shot casing off at 1615' and pulled casing.
- 3. Set 30 sacks of cement plug on casing stub and pulled casing.
- 4. Set 40 sacks of cement plug at bottom of surface casing.
- 5. Set 4' X 4" dry hole marker at surface in 15 sacks of cement.

The location was restored to original contour. The committed drilling block upon which this well was located is described as the W/2 of Section 14, Township 30 North, Range 4 West, N.M.P.M., containing 320.00 acres.

Since this well was determined to be a dry hole and has been plugged and abandoned, official approval is not necessary.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Z

Charles Higgins /// Area Coordinator Land Department

CH:GA:js

cc: Attached list

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Pan American Petroleum Corporation Post Office Box 480 Farmington, New Mexico Attention: Mr. L. O. Speer, Jr.

Mr. James A. Brown Park Drive South Rye, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 1585 Scottsdale, Arizona

Messrs. Carl H. Gilbert & Morey Goodman, Mes. Anita S. Friedman, Co-Executors of The Estate of N. B. Stern Bishop Building Santa Fe, New Mexico

Mrs. Evelyn Ellen Wallace and Mr. James A. Brown, Trustees Under the Last Will and Testament of Algernon W. Brown Park Drive South Rye, New York

Mr. James W. Goss, Vice President, Land Department General American Oil Company of Texas Meadows Building Dallas 6, Texas Mrs. Evelyn G. Brown Park Drive South Rye, New York

Mr. Joe Quinn Route 4, Box 4196 Mesa, Arizona

Mr. W. E. Alsup 320 East Chuska Aztec, New Mexico

Mrs. Omega E. Quinn 4127 Hyer, Apt. 44 Dallas, Texas

Mr. J. R. Abercrombie Post Office Box 224 Bellaire, Texas

Mr. T. H. McElvain & Catherine B. McElvain 220 Shelby Street Santa Fe, New Mexico

Mr. W. N. Little Blackwood and Nichols Company 14 North Robinson Oklahoma City, Oklahoma

Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas

Mr. John L. Abercrombie 841 San Jacinto Building Houston 2, Texas

Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas

El Paso Natural Gas Company

El Paso, Texas

January 20, 1961

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Post Office Box 6721 Roswell, New Mexico

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1961 DRILLING PROGRAM

1100 " July

Gentlemen:

By letter dated January 18, 1960, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned unit for the calendar year 1960. Said Program provided for the drilling of two (2) Pictured Cliffs wells and one (1) Mesaverde Well. These three wells have been completed upon lands committed to the Unit and the Mesaverde well has been admitted to the Mesaverde Participating Area. The two Pictured Cliffs wells were plugged and abandoned and Notices of Dry Holes have been or are now being prepared.

As of this date, the total number of wells drilled in the San Juan 30-4 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs (commercial)	19
Pictured Cliffs (non-commercial)	3 (1 P&A)
Mesaverde	2
Pictured Cliffs (Plugged & Abandoned)	9 (includes PC well above)

Pursuant to Section 10 of the San Juan 30-4 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1961, consisting of no wells to be drilled since the present economic limits of development in this unit have been established. However, El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners in the affected drilling blocks. All the working interest owners have been contacted and we have received no requests for drilling from said owners.

If this program is acceptable, please signify your approval of this drilling program as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this drilling program are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Manager Sam Smith,

Land Department

SS:GA:cah

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Pan American Petroleum Corporation (12) P.O. Box 480 Farmington, New Mexico Attention: Mr. L. O. Speer, Jr.

Mr. W. N. Little Blackwood & Nichols Company 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown Park Drive South Rye, New York

Mr. Forrest B. Miller 220 Shelby St. Santa Fe, New Mexico

Mr. M. A. Romero P.O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P.O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P.O. Box 1585 Scottsdale, Arizona

Mrs. Lela L. Barkley 5322 Institute Lane Houston, Texas

Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors Estate of N. B. Stern Bishop Building Santa Fe, New Mexico Mr. James W. Goss General American Oil Company of Texas Meadows Building Dallas 6, Texas Mrs. Evelyn G. Brown Park Drive South Rye, New York Mrs. Evelyn Ellen Wallace & James A. Brown, Trustees under the Will of Algernon Brown Park Drive South Rye, New York Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas Mr. Joe Quinn Route 4, Box 4196 Mesa, Arizona Mr. W. E. Alsup 320 East Chuska Aztec, New Mexico Mrs. Omega E. Quinn 4127 Hyer, Apt. 44 Dallas, Texas Mr. J. R. Abercrombie P.O. Box 224 Bellaire, Texas Mr. T. H. McElvain & Catherine B. McElvain 220 Shelby St. Santa Fe, New Mexico Mr. John L. Abercrombie 841 San Jacinto Building Houston 2, Texas

APPROVED:

DATE:

Supervisor, United States Geological Survey Subject to like approval by the appropriate State Officials.

APPROVED:

DATE:

Commissioner of Public Lands Subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

APPROVED:

DATE: 3-22-61

Oil Conservation Commission Subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

The foregoing approvals are for the 1961 Drilling Program for the San Juan 30-4 Unit, #14-08-001-1056, Rio Arriba County, New Mexico.

El Paso Natural Gas Company

- El Paso, Texas

January 19, 1961

Carry # 544

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Post Office Box 6721 Roswell, New Mexico

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico NOTICE OF DRY HOLE Pictured Cliffs Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement, #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on September 20, 1960, that the following described well was not capable of producing unitized substances from the Pictured Cliffs Formation:

> The San Juan 30-4 Unit #32 Well is located 800' from the North line and 990' from the East line of Section 33, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on July 17, 1960 and drilled to a total depth of 4452' in the Pictured Cliffs Formation. On September 26, 1960, the well was plugged and abandoned in the following manner:

1. Spotted 40 sacks of cement plug across perforations.

- 2. Shot $5\frac{1}{2}$ casing at 1600' and pulled casing.
- 3. Spotted 25 sacks cement at 1600' on casing stub.
- 4. Spotted 40 sacks cement at bottom of surface casing.
- 5. Spotted 7 sacks cement plug at surface and set 4' x 4" pipe as permanent marker.

The location was restored to original contour. The committed drilling block upon which this well was located is described as the E/2 of Section 33, Township 30 North, Range 4 West, N.M.P.M., containing 301.13 acres.

Since this well was determined to be a dry hole and has been plugged and abandoned, official approval is not necessary.

Copies of this letter are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

Anna Aingine

Charles Higgins Area Coordinator Land Department

CH:GA:cah

SAN JUAN 30-4 UNIT WORKING INTEREST OWNERS

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Pan American Petroleum Corporation (12) P.O. Box 480 Farmington, New Mexico Attention: Mr. L. O. Speer, Jr.

Mr. James A. Brown Park Drive South Rye, New York

Mr. Forrest B. Miller 220 Shelby St. Santa Fe, New Mexico

Mr. M. A. Romero P.O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P.O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P.O. Box 1585 Scottsdale, Arizona

Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of Estate of N. B. Stern Bishop Building Santa Fe, New Mexico

Mr. Ralph H. McCullough 2001 Gulf Building Houston, Texas

Mr. John L. Abercrombie 841 San Jacinto Building Houston 2, Texas Mr. James W. Goss General American Oil Company of Texas Meadows Building Dallas 6, Texas Mrs. Evelyn G. Brown Park Drive South Rye, New York Mrs. Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Will of Algernon W. Brown Park Drive South Rye, New York Mr. Joe Quinn Route 4, Box 4196 Mesa, Arizona Mr. W. E. Alsup 320 East Chuska Aztec, New Mexico Mrs. Omega E. Quinn 4127 Hyer, Apt. 44 Dallas, Texas Mr. J. R. Abercrombie P.O. Box 224 Bellaire, Texas Mr. T. H. McElvain & Catherine B. McElvain 220 Shelby St. Santa Fe, New Mexico Mr. W. N. Little Blackwood & Nichols Company 14 North Robinson Oklahoma City, Oklahoma Mrs. Lela L. Barkley 5322 Institute Lane

Houston, Texas

El Paso Natural Gas Company

El Paso, Jexas

CD (20 - 13

December 20, 1960

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Post Office Box 6721 Roswell, New Mexico

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit Exhibit "B"

Gentlemen:

You will find enclosed herewith for your information and files a copy of an Exhibit "B" for the San Juan 30-4 Unit Area which has been revised effective January 1, 1961.

Copies of this letter and Exhibit "B" are being sent to the working interest owners of the San Juan 30-4 Unit.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Charles Higgins

Area Coordinator Land Department

CH:GA:cah Attachment

Tract Description Serial No. Land Gener Description Serial No. Land Gener Description Generating Description Option Series Description Description Option Series Description Description Description <thdescription< th=""> Description</thdescription<>
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EXHIBIT "B"

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January	4	~	Tract No. 3 3	
rv 1 1961	T-30-N, R-4-W Sec. 6: Lots 1 through 10, SE/4 NW/4, S/2 NE/4, E/2 SW/4, SE/4 Sec. 8: All		AL LANDS T-30-N, R-4-W Sec. 1: Lots 1 9, W/2 Sec. 3: Lots 1 Sec. 3: Lots 1 Sec. 5: Lots 1 Sec. 5: Lots 1 S/2 NV	
	1,213.88 ough 1/4, 1/2		No. of Acres 1,700.66 1 through 2 SE/4, SW/4 NE/4, V/4 (A11) 1 through 18, V/4 (A11) 1 through 8, through 8, 2, S/2 (A11)	
	SF 079483 10-1-48 5 years		Serial No. and Lease Date SF 079482-A 7-1-49 5 years	
	USA 12∱% A11		Land Owner Percentage of Royalty USA 12½% All	
PAGE 2	ليز		Record Owner of Lease or Application El Paso Natural Gas Company	
	Same ownership as Tract	Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown & James Algernon Brown Forrest B. Miller W. E. Alsup T. H. McElvain Catherine F. McElvain T. H. McElvain, Jr. J. R. Abercrombie Ralph H. McCullough John L. Abercrombie Lela L. Barkley Total	ing Royalty & Percentage % Percentage finnin Romero Inn 3. Quinn 3. Quinn 3. Quinn 3. Quinn 3. Quinn 1. Co-Executri rt, Co-Executri Fi Lon Wallaco	
	N 	.459375% .191407% .382813% .765625% .095703% .153125% .153125% .076562%	.057422% .546875% .229687% .172265% .459375%	
	El Paso Natural Gas Co. All		Working interest owner under Option Agreement, Operating Agreement or Assignment and Percentage of InterestGas Rights before payout: El Paso Natural Gas Co.Oil Rights before payout: General American Oil Co.El Paso Natural Gas General AmericanORI Owners in % shown ORI Owners in % shown 25,00%	T=+>====

January 1, 1961

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T-30-N, R-4-W Sec. 27: Lots 1,2, E/2, N/2 NW/4, SE/4 NW/4, NE/4 SW/4, S/2 SW/4 Sec. 28: Lots 1 through 11, N/2 N/2, SW/4 NE/4, S/2 SW/4 Sec. 33: Lots 1 through 6, S/2 NE/4, NW/4, N/2 S/2 Sec. 34: Lots 1,2,3,4, N/2, N/2 S/2	<u>T-30-N, R-4-W</u> <u>Sec. 15: All</u> <u>Sec. 17: All</u>	T-30-N, R-4-W Sec. 18: Lots 1,2,3,4, E/2 W/2, E/2 (A	T-30-N, R-4-W Sec. 16: All	Now combined with Tract No.	Eliminated from Unit Area	<u>-N,</u> 10: 12: 14:	T-30-N, R-4-W 1, Sec. 7: Lots 1,2,3,4, E/2, E/2 W/2 (A11) Sec. 9: All	FEDERAL LANDS	ct . Description
2,420,31 N/2 SW/4 SW/4 11, N/2 11, N/2 , S/2 SW/4 6, S/2 6, S/2 2 S/2 N/2, N/2,	1,280.00	539.04 (All)	640.00	No. 6	a	1,047.21 4 7, NE/4 19,	1,178.30 11)		No. of Acres
SF 079486 7-1-49 5 years	SF 079485-B 10-1-48 5 years	SF 079485-A 10-1-48 5 years	SF 079485 10-1-48 5 years			SF 079484=A 7-1=49 5 years	SF 079483-A 10-1-48 5 years		Serial No. and Lease Date
USA 12∱% A11	USA 12½% A11	USA 12 <mark>3</mark> % All	USA 12½% A11			USA 12 2 % A11	USA 12½% A11		Land Owner Percentage of Royalty
El Paso Natural Gas Company	El Paso Natural Gas Company	John W. Nichols	John W. Nichols			John W, Nichols	El Paso Natural Gas Company		Record Owner of Lease or Application
Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Tract 2	Same ownership as Tract 2			Same ownership as Tract 2	Same ownership as Tract 3		Overriding Royalty Owner & Percentage
Same ownership as Tract 3	Same ownership as Tract 3	Same ownership as Tract 2	Same ownership as Tract 2			Same ownership as Tract 2	Same ownership as Tract 3		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

January 1, 1961

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Tanna			, μ ω	Tract No.
			T-30-N, R-4-W Sec, 22: All	Description
			640.00	No, of Acres
				Serial No. and Lease Date
			USA 12½% A11	Land Owner Percentage of Royalty
		Individually J. R. Abercrombie John L. Abercrombie Lela L. Barkley Ralph H. McCullough T. H. McElvain Catherine McElvain (For percentages se Oil Rights)	M. A. Romero Squ W. E. Alsup Way Forrest B. Miller Wil Morey Goodman, Carl M. H. Gilbert & Mrs. Anita S. Friedman, Co-Executrix and Executors of Estate of N. B. Stern Joe Quinn M. P. Tinnin R. P. Tinnin H. O. Pool Evelyn Ellen Wallace & James Algernon Brown & Evelyn G. Brown & James Algernon Brown,	Record Owner of Lease or Application
		see	Squire Production Waymon Peavy William G. Webb rl M. A. Romero , te te te te te te te sce & rown e Last Brown, & wn,	Overriding Royalty Owner & Percentage
			1,17633% 1,30703% <u>54688%</u> <u>3,16094%</u>	
	Friedman, Executrix Co-Executors of the N.B. Stern Estate 10 Joe Quinn Omega E. Quinn R. P. Tinnin H. O. Pool Evelyn Ellen Wallace James Algernon Brown Trustees under the J	Oil Rights: El Paso Natural Gas M. A. Romero W. E. Alsup Forrest B. Miller Morey Goodman, Carl Gilbert & Anita S.	Gas Rights:El Paso Natural Gas Co.El Paso Natural Gas Co.59.7R. P. TinninOmega Quinn1.9H. O. PoolS.2Evelyn Ellen Wallace &James Algernon Brown,Trustees under the LastWill of Algernon Brown &James Algernon Brown &J. R. Abercrombie 1.7John L. Abercrombie 1.7John L. Barkley &Ralph H. McCullough 1.7T. H. McElvain 17.5Catherine McElvain 4.3	Working Interest Owner Unde Option Agreement, Operating Agreement or Assignment and Percentage of Interest
	utrix & f the 5.25000% 3.93750% 1.31250% 10.50000% 11ace & Brown, the Last	Gas Co. 12.50000% 6.56250% 4.37500% er 2.18750% Carl H. Jarl H.	hights: so Natural Gas Co. 59.75000% Tinnin 59.75000% Quinn 1.96875% Pool 5.25000% n Ellen Wallace & Algernon Brown, ees under the Last of Algernon Brown, lyn G. Brown & s Algernon Brown, L. Abercrombie 1.75000% L. Barkley .87500% H. McCullough 1.75000% McElvain 17.5000%	t Owner Under t, Operating signment and nterest

January 1, 1961

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20	PATENTED	19	18	17	16	15	14	13	Tract No.
Eliminated from Unit Area	TED LANDS	Eliminated from Unit Area	Eliminated from Unit Area	Eliminated from Unit Area	T-30-N, R-4-W Sec. 29: All Sec. 30: Lots 1,2,3,4, E/2, E/2 W/2 (All) Sec. 32: Lots 1,2,3,4, N/2, N/2 S/2 (All)	T-30-N, R-4-W 506.24 Sec. 31: Lots 1 through 7, NE/4, E/2 NW/4, NE/4 SW/4, N/2 SE/4	T-30-N, R-4-W 1,819.52 Sec. 19: Lots 1,2,3,4, E/2, E/2 W/2 (All) Sec. 20: All Sec. 21: All	Continued	t No. of Description Acres
	(Five tracts	13 FEDERAL I			SF 079488=A 10-1-48 5 years	SF 079488 10-1-48 5 years	SF 079487-A 10-1-48 5 years		Serial No. and Lease Date
	(Five tracts eliminated and one	FEDERAL LAND TRACTS -			USA 12方% A11	USA 12 ¹ / ₂ % A11	USA 12∱% All		Land Owner Percentage of Royalty
	ind one combined)	16,285.84 acres			El Paso Natural Gas Company	Same Ownership as Tract 13	El Paso Natural Gas Company		Record Owner of Lease or Application
					Same Ownership as Tract 3	Same Ownership as Tract 13	Same Ownership as Tract 3		Overriding Royalty Owner & Percentage
					Same Ownership as Tract 3	Same Ownership as Tract 13	Same Ownership as Tract 3	 Will of Algernon W. Brown; & Evelyn G. Brown & James Algernon Brown, Indiv. 10.50000% J. R. Abercrombie 3.50000% John L. Abercrombie 1.75000% Lela L. Barkley 1.75000% Ralph H. McCullough 3.50000% T. H. McElvain 17.50000% Catherine McElvain 4.37500% 	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

January 1, 1961

20 20 20			-	PATEN 21	Tract
T-30-N, R-4-W H.E.S. 287	T-31-N, R-4-W H.E.S. 290	<u>T-30-N & 31-N, R-4-W</u> <u>H.E.S. 283</u> H.E.S. 279	H.E.S. 387 H.E.S. 368 H.E.S. 292 H.E.S. 291 H.E.S. 286 H.E.S. 286 H.E.S. 285 H.E.S. 280 H.E.S. 278	PATENTED LANDS 21 T-30-N, R-4-W	Description
120,89	76.56	159.09 159.14	127.06 159.91 99.40 153.39 159.18 157.02 133.22 96.55		No. of Acres
12-29-47 10 years			10 years	12-29-47	Serial No. and Lease Date
J. Denton Simms, Trustee, Estate of Emmet Wirt, 12½% All			Simms, Trustee, Estate of Emmet Wirt, 12½% All	J. Denton	Land Owner Percentage of Royalty
Pan American Petroleum Corp., Blackwood & Nichols Co., & El Paso Natural Gas Company			Petroleum Corp.	Pan American	Record Owner of Lease or Application
<pre>Pan American Petroleum Corp. 1/8 of 7/8 to base of the Pictured Cliffs Formation. (As to that part lying in SE/4 of Section 14)</pre>				None	Overriding Royalty Owner & Percentage
On that part lying in the SE/4 of Section 14: Full Oil & Gas Rights to base of Pictured Cliffs: El Paso Natural Gas Co. All Full Oil & Gas Rights below base of Pictured Cliffs: Pan American Petroleum Corp. SE/4 of Section 14: Pan American Petroleum Corp. All			Corporation All	Pan American Petroleum	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment Percentage of Interest

January 1, 1961

23

Eliminated from Unit Area

					(1)		24A	2 4	PATE	Tract No.
Patented Land	State Land	Federal Land			El Paso Natural Gas Company's working interest is subject to a sliding scale overriding r gas production. An overriding royalty interest of 33 1/3% of all liquid hydrocarbons rec of 1/16 of 8/8 on oil production until payout of all wells then increasing to 1/8 of 8/8.	3 PATENTED (Two tracts	T-30-N, R-4-W H.E.S. 386	Eliminated from Unit Area	PATENTED LANDS	t Description
					npany's workin prriding royal production unt	3 PATENTED LAND TRACTS - (Two tracts eliminated a	135.10	Area		No. of Acres
lω	0	14	Number of Tracts		ng interest i: ty interest c cil payout of	3 PATENTED LAND TRACTS - 1,736.51 acres (Two tracts eliminated and one added)	6-9-58 5 years			Serial No. and Lease Date
				RE	s subject to a of 33 1/3% of a all wells then	res	Jose C. Gomez, a single man 12½% All			Land Owner Percentage of Royalty
1,736.51	None	16,285.84	Acreage	<u>CAPITULATIO</u> N	a sliding scale ove: all liquid hydroca: en increasing to 1/8		El Paso Natural Gas Company			Record Owner of Lease or Application
9.6353%	None	90,3647%	Percentage		oyalty interest in overed or extracted		None			Overriding Royalty Owner & Percentage
					favor of Blackwood & Nichols as to 1 from gas production and an ORRI		El Paso Natural Gas Co. All			Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

-

Note: Tracts 1,7,17,18,19,20,23 and 358.92 acres of Tract 24 have been eliminated from the Unit Area.

Total

17 ω

18,022.35

100.0000%

January 1, 1961

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El Paso Natural Gas Company

El Paso, Jexas September 30, 1960

et de la de

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Post Office Box 6721 Roswell, New Mexico

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico FIRST EXPANDED PARTICIPATING AREA Mesaverde Formation Effective August 1, 1960.

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 30-4 Unit Agreement #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated below that one additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit. The Participating Area for the Mesaverde Formation is expanded accordingly to include the following well:

> The San Juan 30-4 Unit #33 Well, located 1590' from the South line and 1110' from the West line of Section 31, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on June 10, 1960, and completed on July 15, 1960 at a total depth of 6930' in the Mesaverde Formation. The Mesaverde Formation from 6438' - 6448', 6552' - 6562', 6568' - 6576', 6600' -6608', 6616' - 6626', 6640' - 6648', 6660' - 6666', 6670' - 6680', 6688' - 6692', 6724' - 6730', 6736' - 6746', 6756' - 6764' was treated with a sand-water fracturing process. Afterbeing shut-in for seven (7) days, the well was tested in the Mesaverde Formation on July 22, 1960, and following a three hour blow-down period gauged 3695 MCFGPD through a 3/4" choke and 5328 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1168# and an SIPC of 1185#. The committed drilling block upon which this well is located is described as the W/2of Section 31, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 205.88 acres. The deter

mination that this well is capable of producing unitized substances in paying quantities from the Mesaverde Formation was made on July 22, 1960.

Attached hereto is Schedule II showing the First Expanded Participating Area for the Mesaverde Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area and shows the percentage of unitized substances allocated to the unitized tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this First Expanded Participating Area will become effective as of August 1, 1960.

Copies of this letter are being sent to all working interest owners as indicated on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

ву_/. W. Bittick

Assistant Manager Land Department

TWB:GA:js

cc: Attached list

San Juan 30-4 Unit Working Interest Owners

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1585 Scottsdale, Arizona

Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mr. L.O. Speer, Jr. Pan American Petroleum Corporation Post Office Box 480 Farmington, New Mexico

Mr. Joe Quinn Route 4, Box 4196 Mesa, Arizona

Mr. W. E. Alsup 320 E. Chuska Aztec, New Mexico

Mrs. Omega E. Quinn 4127 Hyer, Apt. 44 Dallas 5, Texas

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

EI Paso Natural Gas Company UNIT AREA EXPANSION SCHEDUL E – SAN JUAN BASIN Form 21-71M (5-59) **FIRST EXPAN** PAGE 1

(Continued on page 2) Effective August 1, 1960

		DRILLING BLOCK	X	PERCENTAGE	PRESENT ACTUA
	OF ACRES	OWNERSHIP	HERCENT AGE	COMMITTED	PARTICIPATION
(Con't from page 1)		Tract 15			
		Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, Dec'd. & Evelyn G. Brown & James Alger-	lder)f er-		
		non Brown, individually;	4.364062%	4.364062%	
		Omega L. Quint, Robert P. Tinnin;	.564218%	.564218%	
		J. R. Abercrombie;	1.454687%	1.454687%	
		Ralph H. McCullough;	1.454687%	1.454687%	
		John L. Abercrombie;	.727344%	.727344%	
		Lela L. Barkley;	.727344%	.727344%	
		H. O. Pool;	4.364062%	4.364062%	
		T. H. McElvain;	15.312500%	15.312500%	
		Catherine B. McElvain;	3.828125%	3.828125%	
		ORRI ;	3.160937%	3.160937%	
		TOTAL	100.00000%	100.00000%	
San Juan 30-4 #33 Well Sec. 31: W/	W/2 205.88			100.00000%	40.66846%

SCHEDULE II

El Paso Natural Gas Company UNIT AREA EXPANSION SCHEDUL E – SAN JUAN BASIN Form 21-71M (5-59)

Effective August 1, 1960

SCHEDULE II FIRST EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION SAN JUAN 30-4 UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

Township 30 North, Range 4 West, N.M.P.M.

Section 31: Lots 1,2,3,4,5,6,7, NE/4, E/2 NW/4, NE/4 SW/4, N/2 SE/4 (All) Total Number of Acres in Participating Area: 506.24 Percent of Basic Royalty Committed: 100.00% Percent of Working Interest Committed: 100.00% Percent of ORRI Committed: 100.00% C . CONSERVATION COMMISSIC . P. O. BOX 871 SANTA FE, NEW MEXICO

\bigcirc	August 15, 1960
	El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas
\bigcirc	ATTENTION: Mr. Sam Smith
	RE: 1960 Plan of Development
(\bigcup)	San Juan 30-4 Unit Rio Arriba County, New Mexico.
\bigcirc	the first of the sector.
\square	Gentlemen:
	This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1960 Plan of Development for the San Juan 30-4 Unit Rio Arriba County, New Mexico, subject to like approval by

30-4 Unit Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public 7 Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/JEK/ig

cc: USGS - Roswell Commissioner of Public Lands - Santa Fe



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

> P.O. Box 6721 Roswell, New Mexico

> > August 5, 1960

Care

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Gentlemen:

Your 1960 plan of development, filed March 4, 1960, for the San Man 90-4 unit agreement, Hio Arribe County, New Mexico, propasing two Pictured Cliffs wells and one Messwerde well, has been approved on this date subject to like approval by appropriate state edficials.

The approved copies of the plan are enclosed. Very truly yours,

> EDWIN M. THOMASSON Acting Oil and Gas Supervisor

Copy to: Washington (w/cy of plan) Farmington (w/cy of plan) - NMOCC, Santa Fe (letter only) Comm. of Pub. Lands, Santa Fe (letter only)

In reply refer to: Unit Division

1

CASI

February 18, 1960

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

ATTENTION: Mr. Sam Smith

Re: San Juan 30-4 Unit Rio Arriba County, New Mexico 1960 Drilling Program

Gentlemen:

We are enclosing two copies of the 1960 Drilling Program for San Juan 30-4 Unit Agreement, which the Commissioner of Public Lands approved February 18, 1960.

This office would prefer not to handle matters pertaining to units which do not contain State acreage and is doing so for expeditious reasons only, as the Commissioner's approval on these documents is without force and effect.

> Very truly yours, MURRAY E. MORGAN Commissioner of Public Lands

BY: Ted Bilberry, Supervisor Oil and Gas Division

MEM/MMR/m

El Paso Natural Gas Company

El Paso, Jexas January 18, 1960

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Post Office Box 6721 Roswell, New Mexico

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1960 DRILLING PROGRAM

Gentlemen:

Twenty-nine (29) wells have been completed upon lands committed to this unit, twenty-eight (28) of which were completed in the Pictured Cliffs Formation and one (1) of which was completed in the Mesaverde Formation. The Mesaverde well and nineteen (19) of the Pictured Cliffs wells have been determined to be capable of producing unitized substances in paying quantities. Three (3) wells have been determined to be non-commercial and seven (7) wells have been plugged and abandoned, including one (1) of the non-commercial wells.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1960, consisting of three (3) wells to be drilled to the formation indicated on the following locations:

Drilling Block

Formation

W/2 Section 14, T-30-N, R-4-W W/2 Section 31, T-30-N, R-4-W E/2 Section 33, T-30-N, R-4-W

Pictured Cliffs dry how P#A "/12/60 Mesaverde coml; 10t exp MV port.arca Pictured Cliffs dry have P#A 9/26/60

In addition to the above wells, El Paso Natural Gas Company, as Unit Operator, also plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest Owners in the affected drilling blocks.

El Paso Natural Gas Company, as Unit Operator, intends to drill all of the above listed Pictured Cliffs wells to the base of the Pictured Cliffs Formation using rotary and cable tools. Surface casing will be set to approximately 100' from the surface, and then a production string of 5 1/2" casing will be set through the Pictured Cliffs Formation. Mud will be used in drilling through the Pictured Cliffs Formation and cable tools will be used for completion work. The entire Pictured Cliffs Formation will be subjected to a hydraulic fracturing process. Due care will be taken to protect all horizons.

El Paso Natural Gas Company, as Unit Operator, intends to drill the above listed Mesaverde well to the base of the Mesaverde Formation using rotary tools. Surface casing of 10 3/4" will be set to approximately 150' below the Pictured Cliffs Formation to a depth of approximately 3200'. From this point a 5 1/2" production string will be set through the Mesaverde Formation and the casing of the Mesaverde Formation will then be selectively perforated and the Mesaverde Formation will be subjected to a hydraulic fracturing process. Mud will be used in setting the intermediate string of casing, and the hole below the intermediate string will be drilled with gas. Due care will be taken to protect all horizons.

El Paso Natural Gas Company, as Unit Operator, will protect the Unit from drainage, and will comply with any drilling requirement created under the terms of the Unit Agreement calling for additional drilling.

All the Working Interest Owners have been contacted and this reflects their requests for additional drilling.

If this program is acceptable, please signify your approval of this drilling program as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Sam Smith, Manager

Land Department

SS:JNF:pc

APPROVED:		DATE:
	Supervisor, United States Geological Survey	
	Subject to like approval by the appropriate State officials.	
	State officials.	
APPROVED:		DATE:
APPROVED.	Commissioner of Public Lands	DAIE,
	Subject to like approval by the United States	
	Geological Survey and the Oil Conservation	
	Commission.	

U APPROVED: Oil Conservation Commission

DATE: 8/16/60

Oil Conservation Commission /2 Subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

The foregoing approvals are for the 1960 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico.

San Juan 30-4 Unit Working Interest Owners

Mr. R. N. Richey (2) Mr. M. J. Jordan (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. J. L. Hoyt, Jr. (12) Pan American Petroleum Corp. Post Office Box 1410 Fort Worth, Texas

Pan American Petroleum Corp. Post Office Box 487 Farmington, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor, 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Route 4, Box 72 Mesa, Arizona

Mr. W. E. Alsup Cal-Va-Rodo Motel Box 53 State Line, California

Mrs. Omega E. Quinn 4105 Emerson, Apt. 11 Dallas, Texas

Mr. J. R. Abercrombie Post Office Box 224 Bellaire, Texas

El Paso Natural Gas Company

El Paso Jexas

November 19, 1959

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey P. O. Box 6721 Roswell, New Mexico

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe. New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico

+ Cotton 14

Gentlemen:

The Working Interest Owners in the San Juan 30-4 Unit were unable to agree upon the wells to be drilled during 1959 and, through inadvertence, no Drilling Program was filed with the United States Geological Survey, Commissioner of Public Lands or the Oil Conservation Commission for the calendar year 1959.

One well, the San Juan 30-4 Unit #30, was drilled during 1959 as reported by Notice of Completion of Additional Well dated October 15, 1959. This well was drilled on an intervening drilling block consisting of the W/2 of Section 20, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, and was determined to be capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation on August 13, 1959. Inclement weather conditions prevent any further development of this Unit during 1959.

We apologize for this oversight and assure you a Drilling Program for the calendar year 1960 will be duly and timely filed for approval.

Very truly yours, formatint

Sam Smith, Manager Land Department

SS:JNF:nl

COPY

El Paso Natural Gas Company

El Paso, Texas October 15, 1959

WE-14

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey P. O. Box 6721 Roswell, New Mexico

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico NOTICE OF COMPLETION OF ADDITIONAL WELL Pictured Cliffs Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement, #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below, that an additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation has been completed upon acreage committed to the Unit. The well is as follows:

> The San Juan 30-4 Unit #30 Well, located 1650' from the South line and 1650' from the West line of Section 20, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on June 6, 1959 and completed on July 31, 1959 at a total depth of 4525' in the Pictured Cliffs Formation. The Pictured Cliffs Formation from 4186' -4204', 4234' - 4274', 4412- - 4428', 4440' - 4454' was treated with a sand-water fracturing process. After being shut-in for thirteen (13) days, the well was tested in the Pictured Cliffs Formation on August 13, 1959, and following a three (3) hour blow-down period gauged 2751 MCFGPD through a 3/4" choke and 3255 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1192# and an SIPC of 1192#. The committed drilling block upon which this well is located is described as the W/2 of Section 20, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on August 13, 1959.

The above described drilling block was included in the San Juan 30-4 Eleventh Expanded Participating Area, effective November 1, 1958, as an intervening drilling block. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule XII for the Eleventh Expanded Participating Area remain the same.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By ertz Area(Landman

Land Department

HG:JNF:nl

cc: Attached List

San Juan 30-4 Unit Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. N. Richey (2)
Mr. M. J. Jordan (1)
Pacific Northwest Pipeline Corporation
Post Office Box 1526
Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. E. V. Hewitt (12) Pan American Petroleum Company Post Office Box 1410 Fort Worth, Texas

Pan American Petroleum Company Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor Mid-America Bank Bldg. Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Route 4, Box 72 Mesa, Arizona

Mr. W. E. Alsup 252 West First, South Reno, Nevada

Mrs. Omega E. Quinn 4105 Emerson, Apt. 11 Dallas, Texas

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

El Paso Natural Gas Company

El Paso, Jexas February 27, 1959

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Post Office Box 6721 Roswell, New Mexico

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico INITIAL PARTICIPATING AREA Mesaverde Formation Effective October 24, 1958

Gentlemen:

The Initial Participating Area for the Mesaverde Formation of the captioned Unit has been approved by the State and Federal regulatory bodies as follows:

United States Geological Survey on February 16, 1959.

Oil Conservation Commission of the State of New Mexico on December 29, 1958.

There being no state land within the unit area, the Commissioner of Public Lands of the State of New Mexico advised that under the Unit Agreement, it is unnecessary to request the Commissioner's approval.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Very truly yours

Area Landman Land Department

San Juan 30-4 Unit Working Interest Owners

Mr. R. N. Richey (2) Mr. M. J. Jordan (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert and Morey Goodman, Mrs. Anita S. Friedman, Co-Executors and Co-Executrix of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. E. V. Hewitt (12) Pan American Petroleum Corp. Post Office Box 1410 Fort Worth, Texas

Pan American Petroleum Corp. Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor, 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Box 72, Route 4 Mesa, Arizona

Mr. W. E. Alsup 252 West 1st Reno, Nevada

Mrs. Omega E. Quinn 3592 F Inwood Road Dallas 9, Texas

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

F

In reply refer to:

December 30, 1958



71 Pase Latural Das Company 11 Pase, Pexas

ATTINTION: No. arry Severtz

De: San Juan 10-4 Unit Application for Approval of Initial Participating Area-Messeverde Formation

Gentlemen:

te are returning to you three copies of the above designated application.

This office in the past has approved such applications although there was no state land within the unit area.

However, we would call your attention to the wording of the San Juan 30-4 Brit or page one and two in parenthesis, which clearly states our position that unless there is state land within the unit area or committed there to, it is unnessary to request the Commissioner's approval as he can not approve or disapprove.

nec- Santa da

US - Roswell

Vary Sruly yours,

MUREAR T. NO MAR COMPLESSMOR OF PUBLIC LOUIS

77: Ted Alberry, Supervisor Oll and Jas Division

M24/Mac/m

DIL CONSERVATION COMMISSION P. D. BOX 871 SANTA FE, NEW MEXICO

December 29, 1958

El Peso Natural Gas Company P. O. Box 1492 El Paso, Texas

ATTENTION: Mr. T. W. Bittick

Re: Initial Mesaverde Participating Area San Juan 30-4 Unit Rio Arriba County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area Mesaverde Formation for the San Juan 30-4 Unit Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the application is returned herewith.

Very truly yours,

A. L. PORTER, Jr., Secretary - Director

ALP/RLS/ig

cc: U. S. Geological Survey - Roswell State Land Office - Santa Fe

F1- 2.4 5.44

El Paso Natural Gas Company

El Paso, Jexas December 10, 1958

Director United States Geological Survey Department of the Interior Washington, D.C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico INITIAL PARTICIPATING AREA Mesaverde Formation Effective October 24, 1958

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 30-4 Unit Agreement, #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests approval of the Initial Participating Area for the Mesaverde Formation. Unit Operator, on the date set out below, determined that the following well is capable of producing unitized substances in paying quantities from the Mesaverde Formation.

> The San Juan 30-4 Unit #28 Well, located 1700' from the North line and 890' from the East line of Section 31, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on August 1, 1958 and completed on October 1, 1958 at a total depth of 6950' in the Mesaverde Formation. The Mesaverde Formation from 6538'-6558', 6596'-6610', 6616'-6630', 6678'-6710', 6726'-6748', 6764'-6780', 6786'-6810', 6844'-6868', 6900'-6924' was treated with a sand-water fracturing process. After being shut-in for twenty-three (23) days, the well was tested in the Mesaverde Formation on October 24, 1958, and following a three hour blow-down period gauged 2523 MCFGPD through a 3/4" choke and 3152 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1148# and an SIPC of 1150#. The committed drilling block upon which this well is located is described as the E/2 of Section 31, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 300.36 acres. The determination that this well is capable of producing unitized substances in paying quantities from the Mesaverde Formation was made on October 24, 1958.

Attached hereto is Schedule I showing the Initial Participating Area for the Mesaverde Formation for the San Juan 30-4 Unit Area. This describes the Initial Participating Area and shows the percentage of unitized substances allocated to the unitized tract and the breakdown of percentage allocated to the tract according to the various ownerships in said tract.

If this Initial Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Copies of this letter are being sent to all working interest owners as indicated on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

By W. Bittick Т.

Assistant Manager Land Department

TWB:BGI:pc

cc: Attached List

APPROVED:

DATE:

DATE: 12-29.18

Director, United States Geological Survey Subject to like approval by the appropriate State Officials.

APPROVED:

DATE:

Commissioner of Public Lands Subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

APPROVED: L

Oil Conservation Commission Subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

The foregoing approvals are for the Initial Participating Area for the Mesaverde Formation, effective October 24, 1958, under the San Juan 30-4 Unit Area, #14-08-001-1056, Rio Arriba County, New Mexico.

San Juan 30-4 Unit Working Interest Owners:

Copies of the foregoing letter have been sent to the following working interest owners:

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corp. P. O. Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. E. V. Hewitt (12) Pan American Petroleum Corp. P. O. Box 1410 Ft. Worth, Texas

Pan American Petroleum Corp. P. O. Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Box 72, Route 4 Mesa, Arizona

Mr. W. E. Alsup 252 West 1st Reno, Nevada

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

	San Juan 30-4 #28 Well	SF 079488	
	Sec. 31: E/2	DESCRIPTION Sec. 31: Lots 6,7, N/2 SE/4,	
	300.36	OF ACRES 7, 4, NE/4	MBER
PAGE 1		Itract 15Royalty;12Working Interest:12Working Interest:12M. A. Romero;12Joe Quinn;10Omega E. Quinn;10Robert P. Tinnin;10Morey Goodman, Mrs. Anita S.10Friedman, Co-Executors and20Co-Executrix of the Estate of11N. B. Stern, Deceased8H. O. Pool;8Evelyn Ellen Wallace &8James Algernon Brown,7Trustees under the Last9Algernon W. Brown and James14Algernon Brown;7Forrest B. Miller;7W. E. Alsup;14J. R. Abercromble;14ORRI;100	-4 UNIT DRILLI
		PERCENTAGE 12.500000% 10.610742% 4.456512% 3.342383% 1.114128% rt & state of 8.913024% 8.913024% 8.913024% 7.427520% 14.855039% 8.913024% 2.614060%	•••
	100.00000%	COMMITTED 12.500000% 4.456512% 3.342383% 1.114128% 8.913024% 8.913024% 7.427520% 7.427520% 14.855039% 8.913024% 8.913024% 7.427520% 14.855039%	PERCENTAGE
	100.0000%	100.00000%	PRESENT ACTUAL

Effective October 24, 1958

SCHEDULE I INITIAL PARTICIPATING AREA FOR THE MESAVERDE FORMATION

SCHEDULE I INITIAL PARTICIPATING AREA FOR THE MESAVERDE FORMATION SAN JUAN 30-4 UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

Township 30 North, Range 4 West, N.M.P.M.

Section 31: E/2

Percent of Working Interest Committed: Percent of O.R.R.I. Committed:	Percent of Basic Royalty Committed:	Total Number of Acres in Participating Area:
100.00%	100.00%	300.36

Effective October 24, 1958

El Paso Natural Gas Company

El Paso, Texas

December 10, 1958

, 44

Director United States Geological Survey Department of the Interior Washington, D.C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico REVISED NOTICE OF COMPLETION OF ADDITIONAL WELLS, Pictured Cliffs Formation

Gentlemen:

Reference is made to our letter of November 3, 1958, regarding Notice of Completion of Additional Wells. In that letter, the San Juan 30-4 Unit #27 Well was erroneously included only as a well completed on a previously admitted drilling block described as the E/2 of Section 20, Township 30 North, Range 4 West, N.M.P.M., and it was stated that the participating area was not enlarged by completion of this well. This is in error, inasmuch as the completion does create an intervening drilling block which is described as the W/2 of Section 20, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

Therefore, the Notice of Completion of Additional Wells, dated November 3, 1958 is revised to the extent of deletion of all reference to the San Juan 30-4 Unit #27 Well and the E/2 of Section 20, Township 30 North, Range 4 West, N.M.P.M.

The San Juan 30-4 Unit #27 Well will be included in the Eleventh Expanded Participating Area for the Pictured Cliffs Formation, effective November 1, 1958, which is submitted herewith.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Yours very/truly

Area/Landman Land Department

HG:BGI:ch

WORKING INTEREST OWNERS San Juan 30-4 Unit

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Post Office Box 1526 Salt Lake City 10, Utah

Mr. T. H. McElvain 220 Shelby St. Santa Fe, New Mexico Mr. E. V. Hewitt (12) Pan American Petroleum Corporation Post Office Box 1410 Fort Worth, Texas

Pan American Petroleum Corporation Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor, 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Route 4, Box 72 Mesa, Arizona

Mr. W. E. Alsup 252 West First St. Reno, Nevada

Mrs. Omega E. Quinn 125 Ninth St. Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 224 Bellaire, Texas

Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors and Pacific Northwest Pipeline Corporation Co-Executrix of the Estate of N. B. Stern **Bishop Building** Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso. Texas

December 10, 1958

Director United States Geological Survey Department of the Interior Washington 25, D.C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico **Capitol Annex Building** Santa Fe, New Mexico

File 544

San Juan 30-4 Unit #14-08-001-1056 Re: Rio Arriba County, New Mexico ELEVENTH EXPANDED PARTICIPATING AREA, Pictured Cliffs Formation Effective November 1, 1958

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation has been completed upon acreage committed to the Unit. This well is as follows:

> The San Juan 30-4 Unit #27 Well, located 790' from the South line and 1600' from the East line of Section 20, Township 30 North, Range 4 West, Rio Arriba County, New Mexico was spudded on May 26, 1958 and completed on September 28, 1958 at a total depth of 4558' in the Pictured Cliffs Formation. The Pictured Cliffs Formation from 4270'-4296', 4306'-4334', 4480'-4510' was treated with a sand-water fracturing process. After being shut-in for twentytwo (22) days, the well was tested in the Pictured Cliffs Formation on October 20, 1958, and following a three (3) hour blow down period gauged 3317 MCFGPD through a 3/4" choke and 4279 MCFGPD by the calculated absolute open flow method, with an SIPT of 1237# and an SIPC of 1237#. The committed drilling block upon which this well is located is described as the E/2 of Section 20, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on October 20, 1958.

The above described drilling block was included in the San Juan 30-4 Unit Eighth Expanded Participating Area, effective January 1, 1958, as an intervening drilling block. The completion of the San Juan 30-4 Unit #27 Well creates one (1) intervening drilling block which is described as the W/2 of Section 20, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. Under the provisions of Section 11(a) of the Unit Agreement, this intervening drilling block is admitted to the Participating Area effective November 1, 1958 and a well must be commenced on said drilling block by November 1, 1959.

Attached is Schedule XII showing the Eleventh Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in each tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Eleventh Expanded Participating Area will become effective as of November 1, 1958.

Copies of this letter and schedule are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

T. W. Bittick Assistant Manager Land Department

TWB:BGI:pc

cc: Attached Sheet

San Juan 30-4 Unit Working Interest Owners:

Copies of the foregoing letter have been sent to the following working interest owners:

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corp. P. O. Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

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Mr. W. N. Little Blackwood & Nichols Company 5th Floor 14 North Robinson Oklahoma City, Oklahoma

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Mr. Joe Quinn Box 72, Route 4 Mesa, Arizona

Mr. W. E. Alsup 252 West 1st Reno, Nevada

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

Effective November Continued on Page 2	rj e e	SF 079482-A	San Juan 30-4 #23 Well	Б. Б	SF 079482	SERIAL NUMBER
oer 1, 1958 ;e 2	T-30-N, R-4-W That portion of F 386 lying in the of Sec. 3	T-30-N, R-4-W 252.40 Sec. 3: W/2 excluding that portion of HES 386 and that portion of HES 387 lying in said W/2	Sec. 4: E/2	T-30-N, R-4-W That portion of HES 386 lying in the E/2 of Sec. 4	T-30-N, R-4-W 291 Sec. 4: E/2 excluding that portion of HES 386 lying in said E/2	DESCRIPTION
	78.35 HES ^e W/2	y 252.40 ∍xcluding of HES portion of f in said W/2	341.60	44 50.55 55	w 291.05 excluding of HES said E/2	NUMBER OF ACRES
වයුතු 1	Tract 24-A Royalty; Working Interest: El Paso Matural Gas Co.; ORRI; TOTAL	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	Tract 3	Tract 24-A Royalty; Working Interest: El Paso Matural Gas Co.; ORRI; TOTAL	Tract 2 Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	OWNERSHIP AND
	12.500% 87.500% .000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>		12.500% 87.500% .000%	12.500% 82.500% <u>5.000%</u> 100.000%	(PERCENTAGE
	12.500% 87.500% 100.000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	100.000%	12,500% 87,500% ,000%	12.500% 82.500% 5.000%	PERCENTAGE Committed
	1.23533%	3.97955%	5.38595%	0.79701%	4.58894%	PRESENT ACTUAL PARTICIPATION

-

SCHEDULE XII ELEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

	San Juan 30-4 #5 Well		SF 079483-A	San Juan 30-4 #11 Well	I	SF 079483		San Juan 30-4 #22 Well			те e	SERIAL NUMBER	
	Sec. 9: W/2		T-30-N, R-4-W Sec. 9: W/2	Sec. 8: E/2		T-30-N, R-4-W Sec. 8: E/2		Sec. 3: W/2			T-30-N, R-4-W	DESCRIPTION	ELEVENTH EXP
	320.00		320.00	320,00		320.00		341.79		the W/2	/ 11.04	NUMBER OF ACRES	ANDED PARTICI
page 2		Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	0.	Tract 5		Royalty; Working Interest:	Tract 4		Г тр . ў	Working Interest: Pan American	Tract 21 Rovalty:	DRILLING BLOCK OWNERSHIP AND	SCHEDULE XII Eleventh Expanded Participating Area for the pictured San Juan 30-4 Unit Area
		83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%		82.50% 5.00%	12.50%			87.500% .000% 100.000%		12.500%	(PERCENTAGE	ED CLIFFS FORMATION
	100.000%	83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%	100.00%	82.50% 5.00% 100.00%	12.50%		100.000%	87.500% .000% 100.000%		12,500%	PERCENTAGE COMMITTED	hat ion
	5.04539%		5.04539%	5.04539%		5.04539%		5.38895%			0.17407%	PRESENT ACTUAL PARTICIPATION	

	ELEVENTH EXPA	NDED PARTICI	SCHEDULE XII ELEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA	RMATION	
SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP AND PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079483-A	T-30-N, R-4-W Sec. 9: E/2	320.00	.	12.500%	5.04539%
			Working Interest: El Paso Natural Gas Co.; 83.125% ORRI; 10TAL 100.000%	83.125% <u>4.375%</u> 1 <u>00.000%</u>	
No Well	Sec. 9: E/2	320.00		100.000%	5.04539%
SF 079484-A	T-30-N, R-4-W Sec. 10: W/2	320.00	Royalty; 12.50% Working Interest: El Paso Natural Gas Co.; 82.50% ORRI; TOTAL 100.00%	12.50% 82.50% 5.00%	5.04539%
San Juan 30-4 #16 Well	Sec. 10: W/2	320.00		100.00%	5.04539%
SF 079485	T-30-N, R-4-W Sec. 16: E/2	320.00	Tract 9Royalty;12.50%Working Interest:12.50%El Paso Matural Gas Co.;82.50%ORRI;5.00%100.00%100.00%	12.50% 82.50% 5.00%	5.04539%
San Juan 30-4 #8 Well	Sec. 16: E/2	320.00		100.00%	5.04539%
Effective November 1	ber 1, 1958		Page 3		

	San Juan 30-4 #13 Well	SF 079485-B	San Juan 30-4 #1 Well		SF 079485-A	San Juan 30-4 #7 Well		SF 079485A	SERIAL NUMBER	
, , , ,	Sec. 15: W/2	<u>T-30-N, R-4-W</u> Sec. 15: W/2	Sec. 18: W/2	Sec. 18: W/Z	1 221	Sec. 18: E/2		T-30-N, R-4-W Sec. 18: E/2	DESCRIPTION	eleventh exp
	320.00	320.00	219.04		219.04	320,00		320.00	NUMBER OF ACRES	ANDED PARTICI
වනුසුල 4		Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	Tract 11	koyalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	Tract 10		FOFAING INCEPES: El Paso Natural Gas Co.; ORRI; TOTAL	6.0	DRILLING BLOCK OWNERSHIP AND	SCHEDULE XII ELEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED SAN JUAN 30-4 UNIT AREA
		12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>		12.50% 82.50% 100.00%	4) 1		82.50% 5.00% 100.00%	12.50%	C PERCENTAGE	ID CLIFFS FORMATION
	100.000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	100.00%	12.50% 82.50% 100.00%		100.00%	82.50% 5.00% 100.00%	12.50%	PERCENTAGE COMMITTED	MATION
	5.04539%	5.04539%	3.453574		3.45357%	5.04539%		5.04539%	PRESENT ACTUAL PARTICIPATION	

	San Juan 30-4 #4 Well		SF 079486		San Juan 30-4 #26 Well			SF 079485-B		San Juan 30-4 #17 Well		SF 079485-B	SERIAL NUMBER	
	Sec. 27: E/2		T-30-N, R-4-W Sec. 27: E/2		Sec. 17: W/2			T-30-N, R-4-W Sec. 17: W/2		Sec. 17: E/2		T-30-N, R-4-W Sec. 17: E/2	DESCRIPTION	ELEVENTH EXP
	320.00		320.00		320.00			320.00		320.00		320.00	NUMBER OF ACRES	ANDED PARTICI
Раде 5		Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	00	Tract 12		orri; Total	Working Interest: El Paso Natural Gas Co.;	-00	Tract 11			Tract 11 Royalty; Working Interest:	DRILLING BLOCK OWNERSHIP AND	SCHEDULE XII Eleventh Expanded Participating Area for the Pictured Cliffs Formation San Juan 30-4 Unit Area
		83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%			4.375% 100.000%	83.125%	12.500%			83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%	PERCENTAGE	d cliffs for
	100.000%	83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%		100.000%	4.375%	83.125%	12.500%		100.000%	83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%	PERCENTAGE COMMITTED	MATION
	5.04538%		5.04538%		5.04538%			5.04538%		5.04538%		5.04538%	PRESENT ACTUAL PARTICIPATION	

SERIAL NUMBER	ELEVENTH EXP. DESCRIPTION	ANDED PARTICI NUMBER OF ACRES	SCHEDULE XII BLEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA NUMBER DRILLING BLOCK PERCENTAGE COMM	PERCENTAGE	MATION PERCENTAGE COMMITTED
SF 079487	T-30-N, R-4-W Sec. 22: E/2	320.00	Tract 13Royalty;1;Working Interest:1;M. A. Romero, et al;8;ORRI;10	12.500% 82.500% 5.000%	12.500% 82.500% 5.000%
San Juan 30-4 #20 Well	Sec. 22: E/2	320.00			100.000%
SF 079487	T-30-N, R-4-W Sec. 22: W/2	320.00	Royalty; 1: Working Interest: M. A. Romero, et al; 8: ORRI; 107AL 10	12.500% 82.500% 5.000%	12.500% 82.500% 5.000%
San Juan 30-4 #21 Well	Sec. 22: W/2	320.00			100.000%
SF 079487-A	T-30-N, R-4-W Sec. 19: E/2	320.00	Tract 14 Royalty; 1: Working Interest: 1: El Paso Natural Gas Co.; 8: ORRI; TOTAL 10	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>
San Juan 30-4 #2 Well	Sec. 19: E/2	320,00			100.000%
Effective November 1.	mber 1, 1958		ට පරිසේ		

	San Juan 30-4 #14 Well		SF 079487-A	No Well		SF 079487-A		San Juan 30-4 #27 Well		SF 079487-A	SERIAL NUMBER
	Sec. 21: E/2		T-30-N, R-4-W Sec. 21: E/2	Sec. 20: W/2		T-30-N, R-4-W Sec. 20: W/2		Sec. 20: E/2	Sec. 20: E/2	T-30-N, R-4-W	DESCRIPTION
	320.00		320.00	320.00		320.00		320.00		320.00	NUMBER OF ACRES
Page 7		BI Paso Natural Gas Co.; 83 ORRI; TOTAL 100		Tract 14	0KK1; TOTAL 100	l ng Interest: so Natural Gas Co.; 8	Tract 14	TOTAL	Royalty; 12 Working Interest: El Paso Natural Gas Co.; 83 ORDI:	Tract 14	DRILLING BLOCK OWNERSHIP AND PE
		83.125% 4.375% 100.000%	12.500%		4.379%			100.000%	12.500% 83.125% 4 375%		PERCENTAGE
	100.000%	83.125% 4.375% 100.000%	12.500%	100.000%	4.375% 100.000%	12.500% 83.125%		100.000%	12.500% 83.125% 4.375%		PERCENTAGE COMMITTED
	5.04538%		5.04538%	5.04538%		5.04538%		5.04538%		5.04538%	PRESENT ACTUAL PARTICIPATION

SCHEDULE XII ELEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

San Juan 30-4 #3 Well		SF 079488-A	SERIAL NUMBER	
Sec. 29: E/2	Sec. 29: E/2	T-30-N, R-4-W	DESCRIPTION	ELEVENTH EXP
320,00		320.00	NUMBER OF ACRES	ANDED PARTICI
	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	Tract 16	DRILLING BLOCK OWNERSHIP AND	SCHEDULE XII ELEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA
	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>		PERCENTAGE	ED CLIFFS FOR
100.000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>		PERCENTAGE COMMITTED	MATION
5.04538%		5.04538%	PRESENT ACTUAL PARTICIPATION	

Page 8

SCHEDULE XII ELEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

Total	
Number of	
of	
Acres in	
ĺn	
Participating	
Area:	
6342.43	

Percent of O.R.R.I. Committed:	Percent of Workin	Percent of Basic
I. Committed:	Percent of Working Interest Committed:	Royalty Committed:
100.00%	100.00%	100.00%

Page 9

El Paso Natural Gas Company

El Paso, Texas

November 24, 1958

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Roswell, New Mexico

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 NOTICE OF DRY HOLES Rio Arriba County, New Mexico Pictured Cliffs Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on dates set out below that the following wells were not capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation:

> 1. The San Juan 30-4 Unit #24 Well, located 1650' from the North line and 990' from the East line of Section 9, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on May 14, 1958 and drilled to a total depth of 4583' in the Lewis Formation. On August 2, 1958 the perforations from 4334'-4356', 4472'-4486', 4494'-4518', 4528'-4546' were squeezed with 100 sacks of cement. On August 5, 1958 the perforations from 4272'-4296' were covered with 100 sacks of cement. On August 7, 1958 the perforations from 3984'-3992', 4008'-4022', 4030'-4040', 4044'-4058' were covered with 90 sacks of cement and 10 sacks of cement were spotted on top of the cementing tool. On October 15, 1958 the casing was shot off at 1320' and the well was plugged with 15 sacks of cement on top of the stub. The surface casing was plugged with 10 sacks of cement and a marker of four-inch pipe four feet long was set as a permanent marker. The committed drilling block upon which this well is located is described as the E/2 of Section 9, Township 30 North, Range 4 West, N.M.P.M. and consists of 320.00 acres.

2. The San Juan 30-4 Unit #29 Well, located 1180' from the North line and 1150' from the West line of Section 24, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on September 10, 1958 and drilled to a total depth of 4450' in the Lewis Formation. On October 15, 1958 the perforations from 4050'-4084', 4106'-4132', 4184'-4214', 4286'-4309', 4326'-4350' were squeezed with 100 sacks of cement. On October 21, 1958 the casing was shot off at 1750' and the well was plugged with a 100' cement plug on top of the stub. The surface casing was plugged with 10 sacks of cement marker. The committed drilling block upon which this well is located is described as the W/2 of Section 24, Township 30 North, Range 4 West, N.M.P.M. and consists of 320.00 acres.

The drilling block upon which the San Juan 30-4 Unit #24 Well was drilled was admitted to the participating area as an intervening drilling block in the Seventh Expanded Participating Area for the Pictured Cliffs Formation, effective December 1, 1957. Under the terms of the Unit Agreement of the San Juan 30-4 Unit, no provision is made for exclusion from the participating area of an intervening drilling block upon which a dry hole is drilled subsequent to its admission to such participating area, therefore the E/2 of Section 9, Township 30 North, Range 4 West remains within the participating area and no changes are effected in the percentages of participation among the various tracts as heretofore set out and no official approval is necessary.

Since the San Juan 30-4 Unit #29 Well was plugged and abandoned, no official approval is necessary as no new lands are admitted to the participating area.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Area Landman O Land Department

HG:BI:jb Attachment

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation P. O. Box 1526 Salt Lake City 10, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Cil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert, Morey Goodman, and Mrs. Anita S. Friedman, Co-Executors and Co-Executrix of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Nexico

Mr. E. V. Hewitt (12) Pan American Petroleum Corporation P. O. Box 1410 Fort Worth 1, Texas

Pan American Petroleum Corporation P. O. Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor, 14 North Robinson Oklahoma City 2, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Box 72, Route 4 Mesa, Arizona

Mr. W. E. Alsup 252 West First Street Reno, Nevada

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

El Paso Matural Gas Company El Paso, Texas

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey Post Office Box 6721 Roswell, New Mexico

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe. New Mexico

> Re: San Juan 30-4 Unit, #14-08-001-1056 Rio Arriba County, New Mexico NOTICE OF COMPLETION OF NON-COMMERCIAL WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that the following well was incapable of producing unitized substances in paying quantities from the Pictured Cliffs Formation. This well is as follows:

> The San Juan 30-4 Unit #25 Well, located 1800' from the South line and 990' from the East line of Section 11. Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on September 8, 1958 and completed on October 15, 1958 at a total depth of 3980' in the Pictured Cliffs Formation. The Pictured Cliffs Formation from 3660'-3688', 3730'-3754', 3816'-3848', 3910'-3970' was treated with a sand-water fracturing process. After being shut-in for ten (10) days, the well was tested in the Pictured Cliffs Formation on November 3, 1958, and following a three (3) hour blow-down period gauged 179 MCFGPD by pitot tube gauge and 186 MCFGPD by the calculated absolute open-flow method, with an SIPT of 933# and an SIPC of 933#. The drilling block upon which this well is located is described as the E/2 of Section 11, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on November 3, 1958.

Inasmuch as this well is incapable of production of unitized substances in paying quantities, the drilling block cannot be admitted to the participating area

under the terms of the San Juan 30-4 Unit Agreement. Therefore, the Participating Area is not enlarged and the percentages allocated to the tracts shown on the latest Schedule of the Expanded Participating Area remain the same.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

B

Land Department

HG:BGI:jb

cc: Attached Sheet

SAN JUAN 30-4 UNIT Working Interest Owners

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation P. O. Box 1526 Salt Lake City 10, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Cil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert, Morey Goodman, and Mrs. Anita S. Friedman, Co-Executors and Co-Executrix of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. E. V. Hewitt (12) Pan American Petroleum Corporation P. O. Box 1410 Fort Worth 1, Texas

Pan American Petroleum Corporation P. O. Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor, 14 North Robinson Oklahoma City 2, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Box 72, Route 4 Mesa, Arizona

Mr. W. E. Alsup 252 West First Street Reno, Nevada

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

El Paso Matural Gas Company

El Paso, Texas November 3, 1958

5.44 5,44

Director United States Geological Survey Department of the Interior Washington 25, D.C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico NOTICE OF COMPLETION OF ADDITIONAL WELLS Pictured Cliffs Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement, #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on dates set out below, that two (2) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation have been completed upon acreage committed to the Unit. These wells are as follows:

> The San Juan 30-4 Unit #26 Well, located 1750' from the South 1. line and 1800' from the West line of Section 17, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on June 2, 1958 and completed on October 5, 1958 at a total depth of 4327' in the Pictured Cliffs Formation. The Pictured Cliffs Formation from 4028'-4036', 4050'-4064', 4080'-4100', 4218'-4228', 4254'-4270', 4280'-4300' was treated with a sandwater fracturing process. After being shut-in for fifteen (15) days, the well was tested in the Pictured Cliffs Formation on October 20, 1958, and following a three (3) hour blow-down period gauged 2074 MCFGPD through a 3/4" choke and 2115 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1248# and an SIPC of 1248#. The committed drilling block upon which this well is located is described as the W/2 of Section 17, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on October 20, 1958.

2. The San Juan 30-4 Unit #27 Well, located 790' from the South line and 1600' from the East line of Section 20, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on May 26, 1958 and completed on September 28, 1958 at a total depth of 4558' in the Pictured Cliffs Formation. The Pictured Cliffs Formation from 4270'-4296', 4306'-4334', 4480'-4510' was treated with a sand-water fracturing process. After being shut in for twenty-two (22) days, the well was tested in the Pictured Cliffs Formation on October 20, 1958, and following a three (3) hour blow-down period gauged 3317 MCFGPD through a 3/4" choke and 4279 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1237# and an SIPC of 1237#. The committed drilling block upon which this well is located is described as the E/2 of Section 20, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on October 20, 1958.

The above described drilling blocks were included in the San Juan 30-4 Eighth Expanded Participating Area, effective January 1, 1958, as intervening drilling blocks. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule IX for the Eighth Expanded Participating Area remain the same.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Harry Gevertz Area Landman Land Department

HG:BGI:pc

cc: Attached List

San Juan 30-4 Unit Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Bldg. Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Bldg. Santa Fe, New Mexico

Mr. E. V. Hewitt (12) Pan American Petroleum Corp. P. O. Box 1410 Fort Worth, Texas

Pan American Petroleum Corp. P. O. Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Box 72, Route 4 Mesa, Arizona

Mr. W. E. Alsup 252 W. 1st Reno, Nevada

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie P. O. Box 224 Bellaire, Texas

El Paso Natural Gas Company

El Paso, Texas October 31, 1958

Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey P. O. Box 6721 Roswell, New Mexico

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

5-14

Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico TENTH EXPANDED PARTICIPATING AREA **Pictured Cliffs Formation** Effective October 1, 1958

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement, #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that three (3) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation had been completed upon acreage committed to this Unit, and the Participating Area for the Pictured Cliffs Formation is accordingly expanded. These wells are as follows:

> The San Juan 30-4 Unit #20 Well, located 800' from the South line and 1550' from the West line of Section 22, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on July 3, 1957 and completed on September 3, 1958, at a total depth of 4512' in the Pictured Cliffs Formation. The Pictured Cliffs Formation from 4176'-4215', 4242'-4264', 4390'-4450' was treated with a sand-water fracturing process. After being shut-in for seven (7) days, the well was tested in the Pictured Cliffs Formation on September 10, 1958, and following a three (3) hour blow-down period gauged 2702 MCFGPD through a 3/4" choke and 4920 MCFGPD by the calculated absolute open-flow method, with an SIPT of 788# and an SIPC of 817#. The committed drilling block upon which this well is located is described as the E/2 of Section 22, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on September 10, 1958.

The San Juan 30-4 Unit #21 Well, located 850' from the North line and 987' from the West line of Section 22, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on August 3, 1958 and completed on September 12, 1958 at a total depth of 4598' in the Pictured Cliffs Formation. The Pictured Cliffs Formation from 4304'-4330', 4354'-4388', 4504'-4544', 4552'-4572' was treated with a sand-water fracturing process. After being shut-in for thirteen (13) days, the well was tested in the Pictured Cliffs Formation on September 29, 1958, and following a three (3) hour blow-down period gauged 1394 MCFGPD through a 3/4" choke and 1453 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1130# and an SIPC of 1132#. The committed drilling block upon which this well is located is described as the W/2 of Section 22, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on September 29, 1958.

The San Juan 30-4 Unit #23 Well, located 890' from the South line and 800' from the East line of Section 4, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on August 23, 1958 and completed on September 22, 1958 at a total depth of 4408' in the Pictured Cliffs Formation. The Pictured Cliffs Formation from 4088'-4116', 4122'-4136', 4222'-4236' was treated with a sandwater fracturing process. After being shut-in for seven (7) days, the well was tested in the Pictured Cliffs Formation on September 29, 1958, and following a three (3) hour blow-down period gauged 1538 MCFGPD through a 3/4" choke and 1716 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1168# and an SIPC of 1168#. The committed drilling block upon which this well is located is described as the E/2 of Section 4, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 341.60 acres. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on September 10, 1958.

The completions of the San Juan 30-4 #20, #21 and #23 Wells create no intervening drilling blocks.

Inasmuch as Section 11 of the Unit Agreement provides that "Additional Drilling Blocks, subject to any limitations elsewhere set out in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such Drilling Block, and the percentage of allocation shall be revised accordingly," this expansion will be effective on October 1, 1958.

Attached is Schedule XI showing the Tenth Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Tenth Expanded Participating Area will become effective as of October 1, 1958. Copies of this letter and Schedule are being sent to the Working Interest Owners shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

ick Bу

T. W. Bittick Assistant Manager Land Department

TWB:BGI:pc

cc: Attached List

San Juan 30-4 Unit Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Bldg. Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. E. V. Hewitt (12) Pan American Petroleum Corporation Post Office Dox 1410 Fort Worth, Texas

Pan American Petroleum Corporation Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor, 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Box 72, Route 4 Mesa, Arizona

Mr. W. E. Alsup 252 West First Reno, Nevada

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 224 Bellaire, Texas

Effective October	т 0 0	SF 079482-A	San Juan 30-4 #23 Well	Тее	SF 079482	SERIAL NUMBER
er 1, 1958	T-30-N, R-4-W That portion of H #386 lying in the W/2 of Sec. 3	T-30-N, R-4-W 252. Sec. 3: W/2 excluding that portion of HES #3 and that portion of HE #387 lying in said W/2	Sec. 4: B/2	T-30-N, R-4-W That portion of HES 386 lying in the E/2 of Sec.	T-30-N, R-4-W Sec. 4: E/2 Excluding portion of 386 lying said E/2	TENTH EXPA
	78.35 HES he	252.40 uding HES #386 of HES id W/2	341.60	4 4 50.55	-4-W 291.05 E/2 Excluding that portion of HES 386 lying in said E/2	NDED PARTICI NUMBER OF ACRES
Page 1	Tract 24-ARoyalty;12.500%Working Interest:12.500%El Paso Natural Gas Co.;87.500%ORRI;.000%TOTAL100.000%	Royalty; 12.500% Working Interest: El Paso Natural Gas Co.; 83.125% ORRI; TOTAL 100.000%		Tract 24-ARoyalty;12.500%Working Interest:12.500%El Paso Natural Gas Co.;87.500%ORRI;.000%TOTAL100.000%	Tract 2Royalty;12.500%Working Interest:12.500%El Paso Natural Gas Co.;82.500%ORRI;5.000%TOTAL100.000%	SCHEDULE XI TENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA NUMBER DRILLING BLOCK PERC PTION OF ACRES OWNERSHIP AND PERCENTAGE COMM
	12.500% 87.500% .000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	100.000%	12.500% 87.500% .000%	12.500% 82.500% 5.000%	FORMATION PERCENTAGE AGE COMMITTED
	1.30097%	4.19100%	5.67213%	0,83936%	4.83277%	PRESENT ACTUAL PARTICIPATION

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Effective October 1, 19 Continued on Page 2

	San Juan 30-4 #5 Well		SF 079483-A		San Juan 30-4 #11 Well			SF 079483		San Juan 30-4 #22 Well				F 00	년 0 0	SERIAL NUMBER	
	Sec. 9: W/2		T-30-N, R-4-W Sec. 9: W/2		Sec. 8: E/2			T-30-N, R-4-W Sec. 8: E/2		Sec. 3: W/2		#/ 2 OI DEC. 3	ing i	That portion of		DESCRIPTION	TENTH EXP
	320,00		320.00		320,00			320,00		341,79			he	HES	11 04	NUMBER OF ACRES	ANDED PARTICI
Page 2		Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL		Tract 5		ORRI ; TOTAL	Working Interest: El Paso Natural Gas Co.;	~ •	Tract 4		ORRI; TOTAL	leum Corp.;	Working Interest:	Royal ty;	Tract 21	DRILLING BLOCK OWNERSHIP AND	SCHEDULE XI TENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA
		83.125% 4.375% 100.000%	12.500%			5.00% 100.00%	82.50%	12.50%			.000%	87,500%		12.500%		PERCENTAGE	D CLIFFS FOR
	100.000%	83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%		100.00%	5.00%	82.50%	12.50%		100.000%	100.000%	87.500%		12.500%		PERCENTAGE COMMITTED	MATION
	5.31347%		5.31347%		5.31347%			5.31347%		5.67528%				0.10001.0	BIECH O	PRESENT ACTUAL PARTICIPATION	

Effective October 1, 1958

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	SF 079485 Sec. 16: F	San Juan 30-4 #16 Well Sec. 10: W	SF 079484-A T-30-N, R-4-W Sec. 10: W/2	No Well Sec. 9: E/2	SF 079483-A T-30-N, R-4- Sec. 9: E/2	SERIAL NUMBER DESCRIPTION	TENT
E/2 320.00	R-4-W 320.00 E/2	W/2 320.00	4-W 320.00	2 320.00	$\frac{R-4-W}{E/2}$ 320.00	NUMBER N OF ACRES	H EXPANDED PARTIC
	Royalty; 12.50% Working Interest: El Paso Natural Gas Co.; 82.50% ORRI; TOTAL 1 <u>00.00%</u>	Tract 9	Royalty; 12.50% Working Interest: El Paso Natural Gas Co.; 82.50% ORRI; 5.00%	Tract 6	Tract 5Royalty;12.500%Working Interest:12.50%El Paso Natural Gas Co.;83.125%ORRI;4.375%TOTAL100.000%	DRILLING BLOCK OWNERSHIP AND PERC	SCHEDULE XI TENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA
100.00%	50% 12.50% 50% 82.50% 00% <u>5.00%</u>	100.00%	50% 12.50% 50% 82.50% <u>50%</u> 5.00% 100.00%	100.000%	12.500% 12.500% 83.125% 83.125% 4.375% 4.375% 00.000% 100.000%	PERCENTAGE COMMITTED	IFFS FORMATION
5.31347%	5.31347%	5.31347%	5.31347%	5.31347%	5.31347%	GE PRESENT ACTUAL D PARTICIPATION	

Effective October 1, 1958

Effective October	San Juan 30-4 #13 Well		SF 079485-B	San Juan 30-4 #1 Well		SF 079485-A		San Juan 30-4 #7 Well		SF 079485-A	SERIAL NUMBER	
er 1, 1958	Sec. 15: W/2	Sec. 15: W/2	T-30-N, R-4-W	Sec. 18: W/2		T-30-N, R-4-W Sec. 18: W/2		Sec. 18: E/2		T-30-N, R-4-W Sec. 18: E/2	DESCRIPTION	TENTH EXP
	320.00		320.00	219.04		219.04		320.00		320.00	NUMBER OF ACRES	ANDED PARTICI
Page 4		Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	Tract 11		Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	**	Tract 10		working interest: El Paso Natural Gas Co.; ORRI; TOTAL	W •	DRILLING BLOCK OWNERSHIP AND	SCHEDULE XI TENTH EXPANDED PARTICIPATING AREA FOR THE PICTURE SAN JUAN 30-4 UNIT AREA
		12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>			82.50% 5.00% 1 <u>00.00%</u>	12.50%			82.50% 5.00% 100.00%	12.50%	PERCENTAGE	THE PICTURED CLIFFS FORMATION VIT AREA
	100,000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>		100.00%	82.50% 5.00% 100.00%	12.50%		100.00%	82.50% 5.00%	12.50%	PERCENTAGE COMMITTED	MATION
	5,31347%		5.31347%	3.63707%		3.63707%		5.31347%		5.31347%	PRESENT ACTUAL PARTICIPATION	

Effective October 1, 1958

	San Juan 30-4 #4 Well		SF 079486		No Well		SF 079485-B	San Juan 30-4 #17 Well		SF 079485-B	SERIAL NUMBER	
	Sec. 27: E/2		T-30-N, R-4-W Sec. 27: E/2		Sec. 17: W/2		T-30-N, R-4-W Sec. 17: W/2	Sec. 17: E/2		T-30-N, R-4-W Sec. 17: E/2	DESCRIPTION	TENTH EXP
	320,00		320.00		320.00		320.00	320.00		320.00	NUMBER OF ACRES	ANDED PARTICI
Page 5		Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	Royalty;	Tract 12		MOTAINE INCEPESC: El Paso Natural Gas Co.; ORRI; TOTAL			Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	W +	DRILLING BLOCK OWNERSHIP AND	SCHEDULE XI TENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED SAN JUAN 30-4 UNIT AREA
		83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%			83.125% 4.375% 100.000%	12.500%		83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%	C PERCENTAGE	ED CLIFFS FORMATION
	100.000%	83.125% <u>4.375%</u> 1 <u>00.000%</u>	12.500%		100.000%	83.125% 4.375% 1 <u>00.000%</u>	12.500%	100.000%	83.125% 4.375% 100.000%	12.500%	PERCENTAGE COMMITTED	MATION
	5.31347%		5.31347%		5.31347%		5.31347%	5.31347%		5.31347%	PRESENT ACTUAL PARTICIPATION	

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Effective October 1, 1958

	TENTH EXP	ANDED PARTICI NUMBER	6	CLIFFS FORMATION PERC	MATION PERCENTAGE	PRESENT ACTUAL
SERIAL, NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP AND PE	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
SF 079487	T-30-N, R-4-W Sec. 22: E/2	320.00	Tract 13	12,500%	12.500%	5.31347%
			Working Interest: M. A. Romero, et al; 82 ORRI; 5 TOTAL 100	82.500% 5.000% 100.000%	82.500% 5.000% 100.000%	
San Juan 30-4 #20 Well	Sec. 22: E/2	320.00			100.000%	5.31347%
SF 079487	T-30-N, R-4-W Sec. 22: W/2	320.00	Tract 13 Royalty; 12	12.500%	12.500%	5.31347%
			Working Interest: M. A. Romero, et al; 82 ORRI; 5 TOTAL 1 <u>00</u>	82.500% 5.000% 100.000%	82.500% 5.000% 100.000%	
San Juan 30-4 #21 Well	Sec. 22: W/2	320.00			100.000%	5.31347%
SF 079487-A	T-30-N, R-4-W Sec. 19: E/2	320.00	Tract 14	12.500%	12.500%	5.31347%
			Working Interest: El Paso Natural Gas Co.; 83 ORRI; 4 TOTAL 1 <u>00</u>	83.125% <u>4.375%</u> 1 <u>00.000%</u>	83.125% <u>4.375%</u> 1 <u>00.000%</u>	
San Juan 30-4 #2 Well	Sec. 19: E/2	320.00			100.000%	5.31347%
Effective October 1	ber 1. 1958		Page 6			

Effective October 1, 1958

	TENTH EXPA	NDED PARTICIP		CLIFFS FORMATION	ATION	
SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP AND PE	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079487-A	T 30-N, R-4-W Sec. 20; E/2	320.00	Tract 14 Royalty; 12	12.500%	12.500%	5.31347%
			Working Interest: El Paso Natural Gas Co.; 83 ORRI; 4 TOTAL 100	83.125% 4.375% 100.000%	83.125% <u>4.375%</u> 1 <u>00.000%</u>	
No Well	Sec. 20: E/2	320.00			100.000%	5.31347%
SF 079487-A	T-30-N, R-4-W Sec. 21: E/2	320.00	Tract 14	12.500%	12.500%	5.31347%
			Working Interest: El Paso Natural Gas Co.; 83 ORRI; TOTAL 100	83.125% 4.375% 100.000%	83.125% <u>4.375%</u> 1 <u>00.000%</u>	
San Juan 30-4 #14 Well	Sec. 21: E/2	320,00			100.000%	5.31347%
			Tract 16			
SF 079488-A	T-30-N, R-4-W Sec. 29: E/2	320.00		12.500%	12.500%	5.31347%
			Working Interest: El Paso Natural Gas Co.; 83 ORRI; 4 TOTAL 100	83.125% 4.375% 100.000%	83.125% <u>4.375%</u> 1 <u>00.000%</u>	
San Juan 30-4 #3 Well	Sec. 29: E/2	320.00			100.000%	5.31347%
Effective October	ber 1, 1958		Page 7			

Effective October 1, 1958

TENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA SCHEDULE XI

RECAPITULATION

Description of Lands in Participating Area:

Township 30 North, Range 4 West, N.M.P.M. Sections 3,10,15: W/2 Sections 9,17,18,22: All Sections 4,8,16,19,20, 21,27,29: E/2

Percent of Basic Royalty Committed: Percent of Working Interest Committed;	Total Number of Acres in Participating Area:
100.00%	6022.43

Percent of O.R.R.I. Committed:

100.00%

Effective October 1, 1958

Page 8

El Paso Matural Gas Company El Paso, Texas

October 31, 1958

Director Department of the Interior United States Geological Survey Washington 25, D.C.

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

File 544

Re: San Juan 30-4 Unit #14-08-001-1056 Automatic Elimination From Unit Area **Pictured Cliffs Formation** Effective September 11, 1958

Gentlemen:

Pursuant to Section 22 of the San Juan 30-4 Unit Agreement No. 14-08-001-1056 approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, hereby advises that the following described acreage was automatically eliminated from the San Juan 30-4 Unit Area effective September 11, 1958. Inasmuch as no portion of the leases covering such acreage was included within the participating area as of September 11, 1958, nor were successful drilling operations in progress on such lands covered by said leases at that time, the provisions of said Section 22 apply.

The acreage eliminated from the Unit is as follows:

HES 287	 Covering 120.89 acres in Sections 14 and 23, T-30-N, R-4-W, N.M.P.M.
HES 289	 Covering 82.40 acres in Section 26, T-30-N, R-4-W, N.M.P.M.
HES 284	 Covering 144.84 acres in Sections 26 and 35, T-30-N, R-4-W, N.M.P.M.

Director Commissioner of Public Lands Oil Conservation Commission

Page 2

October 31, 1958

 SF 079489
 --- Covering 2535.69 acres in
Sections 24, 25, 26, 35 and 36,
T-30-N, R-4-W, N.M.P.M.

 SF 079490
 --- Covering 638.04 acres in
Section 23,
T-30-N, R-4-W, N.M.P.M.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

T. W. Bittick Assistant Manager Land Department

TWB:BI:jr Attachment

San Juan 30-4 Unit Working Interest Owners:

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City 10, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. E. V. Hewitt (12) Pan American Petroleum Corporation Post Office Box 1410 Fort Worth 1, Texas

Pan American Petroleum Corporation Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor Mid-America Bank Building Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Post Office Box 708 Santa Fe, New Mexico

Mr. W. E. Alsup 252 W. First Street Reno, Nevada

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 335 Santa Fe, New Mexico El Paso Natural Gas Company

El Paso, Jexas September 4, 1958



Mr. John A. Anderson Regional Oil and Gas Supervisor United States Geological Survey P. O. Box 6721 Roswell, New Mexico

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico NINTH EXPANDED PARTICIPATING AREA Pictured Cliffs Formation Effective September 1, 1958

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on August 27, 1958, that one (1) additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation had been completed upon acreage committed to this Unit, and the Participating Area for the Pictured Cliffs Formation is accordingly expanded. This well is as follows:

> The San Juan 30-4 #22 Well, located 1090° from the South line and 990° from the West line of Section 3, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on July 11, 1958 and drilled to a total depth of 4370° on August 1, 1958 in the Pictured Cliffs Formation. The Pictured Cliffs Formation from 4078° to 4088', 4097° to 4104°, 4210° to 4240°, 4300° to 4310° and 4320° to 4336° was treated with a sand-water fracturing process. After being cleaned out, the well was tested in the Pictured Cliffs Formation on August 27, 1958, by use of a Pitot tube and gauged 5500 MCFGPD through the casing. The committed drilling block upon which this well is located is described as the W/2 of Section 3, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, containing 341.79 acres.

The completion of the San Juan 30-4 #22 Well creates no intervening drilling blocks.

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Inasmuch as Section 11 of the Unit Agreement provides that "Additional Drilling Blocks, subject to any limitations elsewhere set out in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such Drilling Block, and the percentage of allocation shall be revised accordingly," this expansion will be effective on September 1, 1958.

Attached is Schedule X showing the Ninth Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Ninth Expanded Participating Area will become effective as of September 1, 1958.

Copies of this letter and Schedule are being sent to the Working Interest Owners shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

T. W. Bittick Assistant Manager Land Department

TWB:MC:pc

cc: Attached List

San Juan 30-4 Unit Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. R. N. Richey (2)
Mr. M. A. Ehrlich (1)
Pacific Northwest Pipeline Corporation
Post Office Box 1526
Salt Lake City, Utah

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Mr. E. V. Hewitt (12) Pan American Petroleum Corporation Post Office Box 1410 Fort Worth, Texas

Pan American Petroleum Corporation Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Post Office Box 708 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 335 Santa Fe, New Mexico

Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Effective September		San Juan 30-4 #22 Well	Рее		Fee		SF 079482-A	SERIAL NUMBER
ıber 1, 1958		Sec. 3: W/2	T-30-N, R-4-W 1 That portion of HES #387 lying in the W of Sec. 3		T-30-N, R-4-W 7 That portion of HES #386 lying in the W/2 of Sec. 3		T-30-N, R-4-W 252.4 Sec. 3: W/2 excluding that portion of HES #38 and that portion of HES #387 lying in said W/2	NINTH EXPANDED PARTICIPATING SAN DESCRIPTION OF ACRES O
		341.79	4-W 11.04 on of HES in the W/2		78.35 HES 1e		252.40 luding HES #386 1 of HES aid W/2	SD PARTICIPAT NUMBER OF ACRES
	Page 1		Royalty; Working Interest: Pan American Petroleum Corp.; ORRI; TOTAL	Tract 21	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	Tract 24-A	Tract 3 Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	SCHEDULE X SAN JUAN 30-4 UNIT AREA OWNERSHIP AND
			12.500% 87.500% .000% 1 <u>00.000%</u>		12.500% 87.500% .000%		12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	CLIFFS FORMATION K PERCENTAGE O
		100.000%	12.500% 87.500% .000% 1 <u>00.000%</u>		12.500% 87.500% .000%		12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	ION PERCENTAGE COMMITTED
		6.78044%	.21901%		1.55431%		5.00712%	PRESENT ACTUAL PARTICIPATION

Effective September		No Well	J⊤ 079483-A		San Juan 30-4 #5 Well	SF 079483-A	`an Juan 30-4 #11 Well	SF 079483	SERIAL NUMBER	
mber 1, 1958		Sec. 9: E/2	T-30-N, R-4-W Sec. 9: E/2		Sec. 9: W/2	T-30-N, R-4-W Sec. 9: W/2	Sec. 8: E/2	T-30-N, R-4-W Sec. 8: E/2	DESCRIPTION	NINTH EXPANDED PARTICIPATING
		320,00	320.00		320.00	320.00	320,00	320.00	NUMBER OF ACRES	D PARTICIPAT
	Page 2		Royalty; 12.500% Working Interest: 12.500% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 5		Royalty; 12.500% Working Interest: El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 5	Tract 4Royalty;12.50%Working Interest:12.50%El Paso Natural Gas Co.;82.50%ORRI;5.00%TOTAL100.00%	WNERS	SCHEDULE X TING AREA FOR THE PICTURED CLIFFS FORMATION SAN THAN 30-4 INTT AREA
		100.000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>		100.000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	100.00%	12.50% 82.50% 5.00%	PERCENTAGE COMMITTED	NT ION
		6.34816%	6.34816%		6.34816%	6.34816%	6.34816%	6.34816%	PRESENT ACTUAL PARTICIPATION	

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Effective September		San Juan 30-4 #7 Well	,F 079485−A		San Juan 30-4 #8 Well	SF 079485	an Juan 30-4 #16 Well	SF 079484-A	SERIAL NUMBER	
mber 1, 1958		Sec. 18: E/2	<u>T-30-N, R-4-W</u> <u>Sec. 18: E/2</u>		Sec. 16: E/2	T-30-N, R-4-W Sec. 16: E/2	Sec. 10: W/2	T-30-N, R-4-W Sec. 10: W/2	NINTH EXPANDED PARTICIPATING SAN DESCRIPTION OF ACRES OF	
		320.00	320.00		320.00	320,00	320.00	320.00	ED PARTICIPAT S NUMBER OF ACRES	
	Раде 3		Royalty; 12.50% Working Interest: El Paso Natural Gas Co.; 82.50% ORRI; TOTAL 100.00%	Tract 10		Royalty; 12.50% Working Interest: El Paso Natural Gas Co.; 82.50% ORRI; TOTAL 100.00%	Tract 9	Tract 6Royalty;. 12.50%Working Interest:. 12.50%El Paso Natural Gas Co.;82.50%ORRI;. 00%TOTAL100.00%	AREA FOR JUAN 30-4 WNERSHIP	SCHEDULE X
		100.00%	12.50% 82.50% 5.00%		100.00%	12.50% 82.50% <u>5.00%</u>	100.00%	12.50% 82.50% 5.00%	TON PERCENTAGE COMMITTED	
		6.34816%	6.34816%		6.34816%	6.34816%	6.34816%	6.34816%	PRESENT ACTUAL PARTICIPATION	

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San Juan 30-4 #17 Well Sec. 17: E/2		Sec. 17: E/2		San Juan 30-4 #13 Well Sec. 15: W/2		SF 079485-B <u>T-30-N, R-4-W</u> Sec. 15: W/2		an Juan 30-4 #1 Well Sec. 18: W/2		SF 079485-A T-30-N, R-4-W Sec. 18: W/2	SERIAL NUMBER DESCRIPTION	NINTH EXPANDED PARTICIPATING SAN
	320.00		200	320.00		320,00		219.04		219.04	NUMBER OF ACRES	PARTICIPAT S.
Page 4		Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL J	Tract 11		El Paso Natural Gas Co.; ORRI; TOTAL J	Interest:	Tract 11		Working Interest El Paso Natural Gas Co.; ORRI; TOTAL		DRILLING BLOCK OWNERSHIP AND	SCHEDULE X AREA FOR THE PICTURED JUAN 30-4 UNIT AREA
		12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>			83.125% 4.375% 100.000%	12.500%			82.50% 5.C0% 1 <u>00.00%</u>	12.50%	PERCENTAGE	CLIFFS FORMATION
	100.000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>		100.000%	83.125% 4.375% 100.000%	12.500%		100.00%	82.50% <u>5.00%</u> 100.00%	12.50%	PERCENTAGE COMMITTED	ION
	6.34816%			6.34816%		6.34816%		4.34532%		4.34532%	PRESENT ACTUAL PARTICIPATION	

Effective September		San Juan 30-4 #2 Well	SF 079487-A		San Juan 30-4 #4 Well	SF 079486	No Well	SF 079485-B	SERIAL NUMBER
mber 1, 1958		Sec. 19: E/2	T-30-N, R-4-W Sec. 19: E/2		Sec. 27: E/2	<u>T-30-N, R-4-W</u> <u>Sec. 27: E/2</u>	Sec. 17: W/2	T-30-N, R-4-W Sec. 17: W/2	NINTH EXPANDED PARTICIPATING SAN NUMBER DESCRIPTION OF ACRES O
		320.00	320.00		320.00	320,00	320.00	320.00	ED PARTICIPAT NUMBER OF ACRES
	Раде 5		Royalty; 12.500% Working Interest: 12.500% E1 Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 14		Royalty; 12.500% Working Interest: 12.500% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 12	Tract 11 Royalty; 12.500% Working Interest: 12.500% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	SCHEDULE X NING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA DRILLING BLOCK PERCENTAGE O
		100.000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>		100.000%	12.500% 83.125% <u>4</u> .375% 1 <u>00.000%</u>	100.000%	12.500% 83.125% 4.375% 1 <u>00.000%</u>	AT ION PERCENTAGE E COMMITTED
		6.34816%	6.34816%		6.34816%	6.34 816 %	6.34816%	6.34816%	PRESENT ACTUAL PARTICIPATION

	NINTH EXPANDED PARTICIPATING SAN	D PARTICIPAT S	SCHEDULE X AREA FOR THE JUAN 30-4 UNIT	PICTURED CLIFFS FORMATION AREA	ION	
SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079487-A	T-30-N, R-4-W Sec. 20: E/2	320,00	- vo	12.500%	12.500%	6.34816%
			working interest: El Paso Natural Gas Co.; ORRI; TOTAL 1	83.125% <u>4.375%</u> 1 <u>00.000%</u>	83.125% <u>4</u> .375% 1 <u>00.000%</u>	
No Well	Sec. 20; E/2	320,00			100.000%	6.34816%
SF 079487-A	T-30-N, R-4-W Sec. 21: E/2	320.00		12.500%	12.500%	6.34816%
			El Paso Natural Gas Co.; ORRI; TOTAL 1	83.125% <u>4.375%</u> 1 <u>00.000%</u>	83.125% <u>4.375%</u> 1 <u>00.000%</u>	
San Juan 30-4 #14 Well	Sec. 21: E/2	320.00			100.000%	6.34816%
SF 079 488 -A	T-30-N, R-4-W Sec. 29: E/2	320,00		12.500%	12.500%	6.34816%
			TOTAL TOTAL 1 FI Paso Natural Gas Co.; ORRI; TOTAL 1	83.125% <u>4.375%</u> 1 <u>00.000%</u>	83.125% <u>4.375%</u> 1 <u>00.000%</u>	
San Juan 30-4 #3 Well	Sec. 29: E/2	320.00			100.000%	6.34816%
	1 1058		Page 6			

Effective September 1, 1958

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NINTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA SCHEDULE X

RECAPITULATION

Description of Lands in Participating Area:

Township 30 North, Range 4 West, N.M.P.M. Sections 3,10,15: W/2 Sections 9,17,18: All Sections 8,16,19,20,21,27,29: E/2

Total Number of Acres in Participating Area:5040.83Percent of Basic Royalty Committed:100.00%Percent of Working Interest Committed:100.00%Percent of O.R.R.I. Committed:100.00%

Effective September 1, 1958

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Page 7

El Paso Natural Gas Company

El Paso, Jexas, . . .

June 18, 1958

felle Filet

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Gentlemen:

Enclosed for processing by your office is one (1) copy of each of the following instruments:

- 1. Ratification and Joinder of Unit Agreement for the San Juan 30-4 Unit, executed by El Paso Natural Gas Company.
- 2. Ratification and Joinder of Unit Operating Agreement for the San Juan 30-4 Unit, executed by El Paso Natural Gas Company.
- 3. Ratification and Joinder of Unit Agreement for the San Juan 30-4 Unit, executed by Jose C. Gomez.

These ratifications commit all the interest under Homestead Entry Survey No. 386 to the San Juan 30-4 Unit. El Paso Natural Gas Company acquired a lease on Homestead Entry Survey No. 386 on June 9, 1958.

Very truly yours, Herry Joer

Harry Gevertz Area Landman Land Department

HG:MC:jr Enclosures

NM 4454

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the _____ San Juan 30-4 Unit Area located within the State of New Mexico in form approved on behalf of the County of San Juan Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claim an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ATTEST: ACMailch Assistant Secretary	EL PASO NATURAL GAS COMPANY By: Vice President
Date: June 16, 1958	
Date:	

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Tract No. 24: Insofar as said tract covers Homestead Entry Survey No. 386.

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Notary Public in and for County, State of		
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, 19 , before me executed the foregoing instrument, and acknowledged to me as free act and deed.		
	X	COUNTY OF
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County, State of		
Notary Public in and for		
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Notary Public in and for Eulose Notary Public in and for Eulose County, State of Lefore me appeared , his wife, , and , his wife, , and , and , his wife, , and ,	ASEI	Wy Commission expires: Molary Public Is and for 5) Paro Count My Commission Exhibits My County OF COUNTY OF Diffing COUNTY OF Diffing COUNTY OF COUNTY OF COUNTY OF COUNTY OF COUNTY OF
S first above written. Notary Public in and for Eloce Notary Public in and for Eloce Notary Public in and for Eloce , 19 , 19 , before me appeared , his wife, , and , his wife, , and , and , his wife, , and , a	ersons de day of day of	day and year in this ce My Commission expires: My Commission Expires My Commission Expires My Commission Expires My Commission Expires My Commission My Comm
in the corporate seal of said corporation, which and sealed in behalf of said corporation by authority said H, P, STEN acknowledged have hereunto set my hand and affixed my official seal the Notary Public in and for Even Notary Public in and for Even Notary Public in and for Even acknowledged Notary Public in and for Even Notary Public in and for State of Notary Public in and for Even Notary Public in and Public in the foregoing in the superior, and Notary Public in and the foregoing in the superior in and Notary Public in and the foregoing in the superior in and Notary Public in and Public in and Public in the superior in and Notary Public in and Public in and Public in and Public in the superior in and Notary Public in and Public in and Public in and Public in the superior in and Notary Public in and Public in and Public in the superior in and Notary Public in and Public in and Public in the superior in and Notary Public in and	ced to sate tras and s tras and s freiticate twites freiticate freiticate freiticate	to me known to be the p COUNTY OF COUNTY O

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE SAN JUAN 30-4 UNIT AREA

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said <u>San Juan 30-4 Unit</u>, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ATTEST :	EL PASO NATURAL GAS COMPANY
Assistant Secretary	By: The Deen
Date: (2 ne s. 19.30	
6	
Date:	

Tract No. 24: Insofar as said tract covers Homestead Entry Survey No. 386.

Notary Public

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

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Notary Public

Ny commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

appeared and acknown to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

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COUNTY OF		(
30 3TATE		(

Wy commission expires:

Notary Bablic

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

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RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the <u>San Juan 30-4 Unit</u> Area located within the County of <u>Rio Arriba</u> State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS	SIGNATURE
arbolis, Calarado	Acaec 2000
Date:6-16 58	
Date:	
APPROVED AND CONSENTED TO: EL PASO NATURAL GAS COMPANY By Vice President Vice President WORKING INTEREST UNIT OPERATOR OWNER	

STATE OF	}	
COUNTY OF) SS.;)	
On this	day of	, 195, before me appeared
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by me duly sworn, di	ld say that he is the and	, to me personally known, who, being President of that the seal affixed to said instrument
is the corporate sea and sealed in behalf	al of said corporation f of said corporation	that the seal affixed to said instrument n, and that said instrument was signed by authority of its board of directors, acknowledged said instrument to be n.
the free act and dee	d of said corporation	n.
		eunto set my hand and affixed my official e first above written.
My Commission expire	38:	
		Notary Public in and for
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My Commission expire	851	
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and and the second s		Notary Public in and for

State of Charles County,

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

March 28, 1958

El Paso Natural Gas Company Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Re: San Juan 30-4 Unit Area Rio Arriba County, N.M. 1958 Drilling Program

Gentlemen:

544

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1958 Drilling Program for the San Juan 30-4 Unit Area, dated January 20, 1958, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the Plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/RLS/ir

Enclosure



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

P. O. Box 6721 Roswell, New Mexico

February 24, 1958

El Paso Matural Gas Company P. O.Box 1492 El Paso, Texas

Attention: Mr. Sam Smith

Gentlemen:

Your plan of development dated January 20, 1958, for the San Juan 30-4 unit area, New Mexico, for the calendar year 1958, has been approved on this date subject to like approval by the appropriate State of New Mexico officials.

Two approved copies of the plan are enclosed.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON JOHN A. ANDERSON Regional Oil and Gas Supervisor

Inclosure

Capy to: Wash. (v/copy of plan) Farmington (w/copy of plan) Comm. of Public Lands, Sonta Fe (letter only) Oll Cons. Comm., Santa Fe (letter only)

El Paso Matural Gas Company El Paso, Texas

January 20, 1958

Director United States Geological Survey Departmentof the Interior Washington 25, D. C.

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1958 DRILLING PROGRAM

Gentlemen:

By letter dated December 31, 1956, El Paso Natural Gas Company, as Unit Operator, filed a drilling program for the captioned unit for the calendar year 1957, consisting of five (5) wells. These five (5) wells and one (1) additional well, which was included in our 1957 Supplemental Drilling Program, were completed upon this unit.

Nineteen (19) wells have been completed upon lands committed to this unit in the Pictured Cliffs Formation, two (2) of which have been determined to be non-commercial and five (5) of which have been plugged and abandoned. Twelve (12) wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Pictured Cliffs Participating Area.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1958, consisting of seven (7) wells to be drilled to the formation indicated on the following locations:

Drilling Block		Block		Formation	
*E/2	Section	9,	T-30-N,	R-4-W	Pictured Cliffs
*W/2	Section	17,	T-30-N,	R-4-W	Pictured Cliffs
*E/2	Section	20,	T-30-N,	R-4-W	Pictured Cliffs
W/2	Section	З,	T-30-N,	R-4-W	Pictured Cliffs
E/2	Section	4,	T-30-N,	R-4-W	Pictured Cliffs
W/2	Section	11,	T-30-N,	R-4-W	Pictured Cliffs
E/2	Section	31,	T-30-N,	R-4-W	Mesaverde, with
					option to stop at
					PC if prod. obtained

In addition to the above wells, El Paso Natural Gas Company, as Unit Operator. also plans to drill any off-set wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest Owners in the affected drilling blocks.

El Paso Natural Gas Company, as Unit Operator, intends to drill all of the above listed Pictured Cliffs wells to the base of the Pictured Cliffs Formation using rotary and cable tools. Surface casing will be set to approximately 100' from the surface, and then a production string of 5 1/2'' casing will be set through the Pictured Cliffs Formation. Mud will be used in drilling through the Pictured Cliffs Formation and cable tools will be used for completion work. The entire Pictured Cliffs Formation will be subjected to a hydraulic fracturing process. Due care will be taken to protect all horizons.

El Paso Natural Gas Company, as Unit Operator, intends to drill all of the above listed Mesaverde wells to the base of the Mesaverde Formation using rotary tools. Surface casing of $10 \ 3/4$ " will be set to approximately 150' below the Pictured Cliffs Formation to a depth of approximately 3200'. From this point a 5 1/2" production string will be set through the Mesaverde Formation, and the casing of the Mesaverde Formation will then be selectively perforated and the Mesaverde Formation will be subjected to a hydraulic fracturing process. Mud will be used in setting the intermediate string of casing, and the hole below the intermediate string will be drilled with gas. Due care will be taken to protect all horizons.

El Paso Natural Gas Company, as Unit Operator, will protect the Unit from drainage, and will comply with any drilling requirement created under the terms of the Unit Agreement calling for additional drilling.

All the Working Interest Owners have been contacted and this reflects their requests for additional drilling.

If this program is acceptable, please signify your approval of this drilling program as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Smith Sam Smith

Manager Land Department

SS:MC:pc

APPROVED:		DATE:	
	Supervisor, United States Geological Survey		
	Subject to like approval by the appropriate		
	State officials.		
APPROVED:		DATE:	
	Commissioner of Public Lands		
	Subject to like approval by the United States		
	Geological Survey and the Oil Conservation		
	Commission.		
APPROVED:	ap Partin 1	DATE:	3-28-58
	Oil Conservation Commission		
	Subject to like approval by 'the United States		
	Geological Survey and the Commissioner of Public		
	Lands.		

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The foregoing approvals are for the 1958 Drilling Program for the San Juan 30-4 Unit, Rio Arriba County, New Mexico.

San Juan 30-4 Unit Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City, Utah

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Mr. E. V. Hewitt (12) Pan American Petroleum Corporation Post Office Box 1410 Fort Worth, Texas

Pan American Petroleum Corporation Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Post Office Box 708 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 335 Santa Fe, New Mexico

Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

El Paso Natural Gas Company El Paso, Texas

January 16, 1958

Director United States Geological Survey Department of the Interior Washington, D.C.

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Plugged and Abandoned Well Rio Arriba County, New Mexico Pictured Cliffs Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on September 20, 1957, that the following described well was not capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation.

> The San Juan 30-4 Unit #15 Well, located 1090' from the South line and 815' from the East line of Section 6, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on September 5, 1957 and drilled to a total depth of 4320' in the Lewis Formation. On September 21, 1957, the well was plugged and abandoned by setting plugs from 3900' to 4050' with 60 sacks of cement, from 3500' to 3550' with 20 sacks of cement, from 3300' to 3350' with 20 sacks of cement, from 550' to 650' with 40 sacks of cement, from 120' to 160' with 20 sacks of cement and from the surface to 60' with 30 sacks of cement. Four feet of four inch pipe was set at the surface as a permanent marker. The committed drilling block upon which this well was located is described as the E/2 of Section 6, Township 30 North, Range 4 West, N.M.P.M. and consists of 320.00 acres.

Since this well was determined to be non-commercial and has been plugged and abandoned, official approval is not necessary.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

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Very truly yours,

EL PASO NATURAL GAS COMPANY

By

T. W. Bittick Assistant Manager Land Department

TWB:MC:cl

San Juan 30-4 Unit Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. R. N. Richey (2)
Mr. M. A. Ehrlich (1)
Pacific Northwest Pipeline Corporation
Post Office Box 1526
Salt Lake City, Utah

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Mr. E. V. Hewitt (12) Pan American Petroleum Corporation Post Office Box 1410 Fort Worth, Texas

Pan American Petroleum Corporation Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Post Office Box 708 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 335 Santa Fe, New Mexico

Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

El Paso Matural Gas Company

El Paso, Texas

January 9, 1958

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Director United States Geological Survey Department of the Interior Washington 25, D.C.

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico EIGHTH EXPANDED PARTICIPATING AREA **Pictured Cliffs Formation** Effective January 1, 1958

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement, #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on December 14, 1957, that one (1) additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation had been completed upon acreage committed to this Unit, and the Participating Area for the Pictured Cliffs Formation is accordingly expanded. This well is as follows:

> The San Juan 30-4 #17 Well, located 950' from the North line and 890' from the East line of Section 17, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on October 5, 1957, and completed on November 30, 1957 at a total depth of 4445'. The Pictured Cliffs Formation was treated with a sand-water fracturing process from 4075' to 4093', 4109' to 4149', 4283' to 4301', 4309' to 4351' and 4372' to 4389'. After being shut-in for fourteen (14) days, the well was tested on December 14, 1957. After a three (3) hour blow-down period the well gauged 3197 MCFGPD through a 3/4" choke and 3766 MCFGPD by the calculated absolute open-flow method with an SIPC of 1228# and an SIPT of 1228#. The committed drilling block upon which this well is located is described as the E/2 of Section 17, Township 30 North, Range 4 West, N.M.P.M., containing 320.00 acres.

The completion of the San Juan 30-4 #17 Well creates two (2) intervening drilling blocks described as follows:

Township 30 North, Range 4 West, N.M.P.M. Section 17: W/2 Containing 320.00 acres Township 30 North, Range 4 West, N.M.P.M. Section 20: E/2 Containing 320.00 acres

Under the provisions of Section 11(a) of the Unit Agreement, these intervening drilling blocks are admitted to the Participating Area on January 1, 1958, and a well must be commenced on said intervening drilling blocks by January 1, 1959.

Attached is Schedule IX showing the Eighth Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Expanded Participating Area will become effective as of January 1, 1958.

Copies of this letter and Schedule are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By:

T. W. Bittick Assistant Manager Land Department

TWB:MC:cl

cc: Attached list

San Juan 30-4 Unit Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S.Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. E. V. Hewitt (12) Pan American Petroleum Corporation Post Office Box 1410 Fort Worth, Texas

Pan American Petroleum Corporation Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Post Office Box 708 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 335 Santa Fe, New Mexico

	No Well		SF 079483-A	San Juan 30-4 #5 Well		SF 079483-A		San Juan 30-4 #11 Well		SF 079483	SERIAL NUMBER
	Sec. 9: E/2		T-30-N, R-4-W Sec. 9: E/2	Sec. 9: W/2		T-30-N, R-4-W Sec. 9: W/2		Sec. 8: E/2		T-30-N, R-4-W Sec. 8: E/2	DESCRIPTION
	320.00		320.00	320.00		320.00		320.00		320.00	NUMBER OF ACRES
PAGE 1			Royalty; 12.500%	Tract 5	El Paso Natural Gas Co.; 83.125% ORRI; TOTAL 100.000%	Royalty; 12.500%	Tract 5		Interest: Natural Gas Co.; TOTAL 1	Tract 4 Rovalty: 12.50%	DRILLING BLOCK OWNERSHIP AND PERCENTAGE
	100.000%	83.125% <u>4.375%</u> 100.000%	12.500%	100.000%	83.125% 4.375% 100.000%	12.500%		100.00%	82.50% 5.00%	12.50%	PERCENTAGE COMMITTED
	6.80990%		6.80990%	6.80991%		6.80991%		6.80990%		6.80990%	PRESENT ACTUAL PARTICIPATION

Effective January 1, 1958

SCHEDULE IX EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

	San Juan 30-4 #7 Well		SF 079485-A	-	San Juan 30-4 #8 Well			SF 079485		San Juan 30-4 #16 Well			SF 079484		SERIAL NUMBER	
	Sec. 18: E/2		T-30-N, R-4-W		Sec. 16: E/2			T-30-N, R-4-W Sec. 16: E/2		Sec. 10: W/2			T-30-N, R-4-W Sec. 10: W/2		DESCRIPTION	
	320.00		320.00		320,00			320.00		320.00			320.00		NUMBER OF ACRES	SAN
PAGE 2		Interest: Natural Gas Co.; TOTAL	Rovaltv.	Tract 10		ORRI; 5 TOTAL 100	ng Interest; so Natural Gas Co.; 1	Royalty; 12	Tract 9		ORRI; 5 TOTAL 100	Working Interest: El Paso Natural Gas Co.; 82	Royalty; 12	Tract 6	DRILLING BLOCK OWNERSHIP AND PE	JUAN 30-4 UNIT AREA
	16	5	12 50% 1		16	5.00% 100.00% 10	~	12.50% 1		15	5.00% 100.00%	82.50% 8	12.50% 1		PERCENTAGE (
	100.00%	82.50% 5.00%	12 50%		100.00%	5.00%	82.50%	12.50%		100,00%	<u>5.00%</u> 100.00%	82.50%	12.50%		PERCENTAGE COMMITTED	
	6.80991%		6.80991%		6.80990%			6.80990%		%06608 9			6.80990%		PRESENT ACTUAL PARTICIPATION	

Effective January 1, 1958

SCHEDULE IX BIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION

	San Juan 30-4 #17 Well	SF 079485-B	San Juan 30-4 #13 Well	SF 079485-B	San Juan 30-4 #1 Well	SF 079485-A	SERIAL NUMBER	
	Sec. 17: E/2	T-30-N, R-4-W Sec. 17: E/2	Sec. 15: W/2	T-30-N, R-4-W Sec. 15: W/2	Sec. 18: W/2	T-30-N, R-4-W Sec. 18: W/2	DESCRIPTION	SCHEDULE IX EIGHTH EXPANDED PARTICIPATING AREA FOR THE SAN JUAN 30-4 UNIT /
	320.00	320.00	320.00	320.00	219.04	219.04	NUMBER OF ACRES	PARTICIPATIN SAN J
PAGE 3		Royalty; 12.500% Working Interest: 12.500% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 11	Royalty; 12.500% Working Interest: El Paso Natural Gas Co.; 83.125% ORRI 4.375% TOTAL 100.000%	Tract 11	Royalty; 12.50% Working Interest: El Paso Natural Gas Co.; 82.50% ORRI; TOTAL 100.00%	DRILLING BLOCK OWNERSHIP AND PERCENTAGE Tract 10	SCHEDULE IX PATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA
	100.000%	12.500% 83.125% <u>4.375%</u> 100.000\%	100,000%	12.500% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	100.00%	12.50% 82.50% <u>5.00%</u> 1 <u>00.00%</u>	PERCENTAGE COMMI TTED	NC
	6.80990%	6.80990%	6.80990%	6.80990%	4.66138%	4,66138%	PRESENT ACTUAL PARTICIPATION	

Effective January 1, 1958

	San Juan 30-4 #2 Well	SF 079487-A	San Juan 30-4 #4 Well		SF 079486	No Well	57 (1940) B		SERIAL NUMBER	
	Sec. 19: B /2	T-30-N, R-4-W Sec. 19: E/2	Sec. 27: E/2	Sec. 27: 5/2	-N, R-	Sec. 17: W/2	Sec. 17: W/2		DESCRIPTION	
	320,00	320,00	320.00		320,00	320,00	020, 00		NUMBER OF ACRES	SAN
PAGE 4		Royalty; 12.500% Working Interest: 12.500% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 14	Koyalty; 12.500% Working Interest: 100.000% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 12		Royalty; 12.500% Working Interest: 12.500% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 11	DRILLING BLOCK OWNERSHIP AND PERCENTAGE	SAN JUAN 30-4 UNIT AREA
	100.000%	$\frac{3}{7}$ $\frac{3}{7}$ $\frac{3}{7}$ $\frac{12.500\%}{4.375\%}$ $\frac{4.375\%}{100.000\%}$	100.000%	$\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{100}$ $\frac{4}{000}$ $\frac{3}{100}$		100,000%	$\frac{9}{8}$ $\frac{12}{83} \cdot 125\%$ $\frac{4}{100} \cdot 000\%$		PERCENTAGE TAGE COMMITTED	
	%0660819	6.80990%	6,80990%		6.80990%	6.80990%	0.00330		PRESENT ACTUAL PARTICIPATION	

SCHEDULE IX EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION

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Effective January 1, 1958

	San Juan 30-4 #3 Well			San Juan 30-4	SF 079487-A	No Well	SF 079487-A		SERIAL NUMBER	
	Sec. 29: E/2	Sec. 29: B/2	1		T-30-N, R-4-W	Sec. 20: E/2	T-30-N, R-4-W Sec. 20: E/2		DESCRIPTION	EIGHTH EXPANDE
	320,00		320,00		320.00	320.00	320.00		NUMBER OF ACRES	D PARTICIPATI SAN
PAGE 5		Royalty; 12.500% Working Interest; 12.500% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 16	Royalty; 12.500% Working Interest: 12.500% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 14	TOTAL 10	Royalty; 12.500% Working Interest: El Paso Natural Gas Co.; 83.125% ORRI: 4.375%	Tract 14	DRILLING BLOCK OWNERSHIP AND PERC	SCHEDULE IX BIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA
	100.000%	00% 12.500% 25% 83.125% 75% <u>4.375%</u> 1 <u>00.000%</u>	100.000%	00% 12.500% 25% 83.125% 75% 4.375% 100.000%		15 5	2.500% 12.500% 3.125% 83.125% 4.375% 4.375%		PERCENTAGE COMMITTED	FORMATION
	6.80990%	0,00390	6.80990%		6.80990%	6.80990%	6.80990%		E PRESENT ACTUAL PARTICIPATION	

Effective January 1, 1958

EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA SCHEDULE IX

RECAPITULATION

Description of Lands in Participating Area:

Percent of Basic Royalty committed: Percent of Working Interest committed: Percent of O.R.R.I. committed:	Total Number of Acres in Participating Area:	Township 30 North, Range 4 West, N.M.P.M. Sections 10, 15: W/2 Sections 9, 17, 18: A11 Sections 8, 16, 19, 20, 21, 27, 29: E/2
100.00% 100.00% 100.00%	4699,04	

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Effective December 1, 1957

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PAGE 6

El Paso Natural Gas Company 1 /1 . . . El Paso, Texas

December 20, 1957

Director United States Geological Survey Department of the Interior Washington 25, D.C.

Commissioner of Public Lands Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission Of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Jod + 5th

Re: San Juan 30 4 Unit #14-08-001-1056 Rio Arriba County, New Mexico SEVENTH EXPANDED PARTICIPATING AREA Pictured Cliffs Formation Effective December 1, 1957

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement, #14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on November 21, 1957, that one (1) additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation had been completed upon acreage committed to this Unit, and the Participating Area for the Pictured Cliffs Formation is accordingly expanded. This well is as follows:

> The San Juan 30-4 #16 Well located 890' from the North line and 890' from the West line of Section 10, Township 30 North, Range 4 West, Rio Arriba County, New Mexico, was spudded on September 23, 1957, and completed on November 3, 1957 at a total depth of 4445'. The Pictured Cliffs Formation was treated with a sandwater fracturing process from 4177' to 4183' and 4187' to 4215'. After being shut-in for eighteen (18) days, the well was tested on November 21, 1957. After a three (3) hour blow-down period, the well gauged 2039 MCFGPD through a 3/4" choke and 2635 MCFGPD by the calculated absolute open flow method with an SIPC of 1042# and an SIPT of 1042#. The committed drilling block upon which this well is located is described as the W/2 of Section 10, Township 30 North, Range 4 West, N.M.P.M., containing 320.00 acres.

The completion of the San Juan 30-4 #16 Well creates one (1) intervening drilling block described as follows: Township 30 North, Range 4 West, N.M.P.M. Section 9: E/2 Containing 320.00 acres

Under the provisions of Section 11(a) of the Unit Agreement, this intervening drilling block is admitted to the Participating Area on December 1, 1957, and a well must be commenced on said intervening drilling block by December 1, 1958.

Attached is Schedule VIII showing the Seventh Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Expanded Participating Area will become effective as of December 1, 1957.

Copies of this letter and Schedule are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By: T. W. Bittick

Assistant Manager Land Department

TWB:MC:cl

cc: Attached list

San Juan 30-4 Unit Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. N. Richey (2) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 1211 Main Avenue Durango, Colorado

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 708 Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S.Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. E. V. Hewitt (12) Pan American Petroleum Corporation Post Office Box 1410 Fort Worth, Texas

Pan American Petroleum Corporation Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood & Nichols Company 5th Floor 14 North Robinson Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Post Office Box 708 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn 125 Ninth Street Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 335 Santa Fe, New Mexico

	No Well		SF 079483-A		San Juan 30-4 #5 Well			SF 079483 A		San Juan 30-4 #11 Well			SF 079483		SERIAL NUMBER	
	Sec. 9: E/2		T-30-N, R-4-W Sec. 9: E/2		Sec. 9: W/2			T-30 N, R-4-W Sec. 9: W/2		Sec. 8: E/2			T-30-N, R-4-W Sec. 8: E/2		DESCRIPTION	SEVENTH EXP
	320.00		320,00		320,00			320,00		320.00			320.00		NUMBER OF ACRES	ANDED PARTICI
Page 1		Working interest: El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	*0 0	Tract 5		TOTAL 1	Working Interest: El Paso Natural Gas Co.; 83.125%	Royalty; 12.50%	Tract 5		ORRI; 5.00% TOTAL 100.00%	ng Interest: so Natural Gas Co.; 1	Royalty; 12.50%	Tract 4	DRILLING BLOCK OWNERSHIP AND PERCENTAGE	SCHEDULE VIII SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA
	100.000%	83,125% <u>4,375%</u> 1 <u>00,000%</u>	12.500%		100.000%	4.375% 100.000%	83,125%	12.50%		100.00%	5.00% 100.00%	82.50%	12.50%		PERCENTAGE COMMITTED	RMAT I ON
	8.55835%		8.55835%		8,55834%			8.55834%		8.55835%			8.55835%		PRESENT ACTUAL PARTICIPATION	

	San Juan 30-4 #7 Well		SF 079485-A	San Juan 30-4 #8 Well		SF 079485		San Juan 30-4 #16 Well		SF 079484	1	SERIAL NUMBER	
	Sec. 18: E/2	Sec. 18: E/2	T-30-N, R-4-W	Sec. 16: E /2		T-30-N, R-4-W Sec. 16: E/2		Sec. 10: W/2		T-30-N, R-4-W Sec. 10: W/2		DESCRIPTION	SEVENTH EXPAI
	320.00		320,00	320.00		320,00		320.00		320,00		NUMBER OF ACRES	NDED PARTICIE
Page 2		Royalty; 12.50% Working Interest: 12.50% El Paso Natural Gas Co.; 82.50% ORRI; 5.00% TOTAL 100.00%	Tract 10		WORKING INTEREST: El Paso Natural Gas Co.; 82.50% ORRI; 5.00% TOTAL 100.00%	w •	Tract 9		WORKING INTEREST: El Paso Natural Gas Co.; 82.50% ORRI; 5.00% TOTAL 100.00%	**	Tract 6	DRILLING BLOCK OWNERSHIP AND PERCENTAGE	SCHEDULE VIII SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA
	100,00%	12.50% 82.50% <u>5,00%</u> 1 <u>00.00%</u>		100.00%	82.50% 5.00% 100.00%	12.50%		100.00%	82.50% 5.00%	12.50%		PERCENTAGE COMMITTED	MATION
	8.55834%		8.55834%	8.55835%		8.55835%		8.55835%		8.55835%		PRESENT ACTUAL PARTICIPATION	

	San Juan 30-4 #4 Well	SF 079486	San Juan 30-4 #13 Well	SF 079485-B	San Juan 30-4 #1 Well	SF 079485-A	SERIAL NUMBER
	Sec. 27: E/2	T-30-N, R-4-W Sec. 27: E/2	Sec. 15: W/2	T-30-N, R-4-W Sec. 15: W/2	Sec. 18: W/2	T-30-N, R 4-W Sec. 18: W/2	DESCRIPTION
	320,00	320,00	320.00	320,00	219.04	219.04	NUMBER OF ACRES
Page 3		Royalty; 12.50% Working Interest: 12.50% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 12	Royalty; 12.50% Working Interest: 12.50% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 11	Royalty;12.50%Working Interest:12.50%El Paso Natural Gas Co.;82.50%ORRI;5.00%TOTAL100.00%	SAN JUAN 30-4 UNIT AREA DRILLING BLOCK OWNERSHIP AND PERCENTAGE Tract 10
	100.000%	12.50% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	100.000%	12.50% 83.125% <u>4.375%</u> 1 <u>00.000%</u>	100.00%	12.50% 82.50% 5.00%	PERCENTAGE 3E COMMITTED
	8.55835%	8.55835%	8.55835%	8,55835%	5.85818%	5.85818%	PRESENT ACTUAL PARTICIPATION

SCHEDULE VIII SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION

	San Juan 30-4 #3 Well		SF 079488 -A		San Juan 30-4		SF 079487-A		San Juan 30-4 #2 Well		SF 079487-A		SERIAL NUMBER	
	Sec. 29: E/2		T-30-N, R 4-W Sec. 29: E/2	Sec. 21: E/2			T-30-N, R-4-W Sec. 21: E/2		Sec. 19: E/2		T-30-N, R 4-W Sec. 19: E/2		DESCRIPTION	SEVENTH EXPA
	320.00		320,00	320.00			320,00		320.00		320.00		NUMBER OF ACRES	NDED PARTICIP
Page 4		Working Interest: El Paso Natural Gas Co.; 83.125% ORRI; TOTAL 100.000%	Royalty; 12.500%	Tract 16	ORRI; $\frac{4.375\%}{100.000\%}$ TOTAL 100.000%	ng Interest: so Natural Gas Co.;	W 5	Tract 14		El Paso Natural Gas Co.; 83.125% ORRI; 70TAL 100.000%	~ .	Tract 14	DRILLING BLOCK OWNERSHIP AND PERCI	SCHEDULE VIII SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFI SAN JUAN 30-4 UNIT AREA
	100,000%	5% 83,125% 5% <u>4,375%</u> 100,000%	0% 12.500%	100.000%	$\frac{5\%}{10\%}$ $\frac{4.375\%}{100.000\%}$	-	12.500%		100.000%	15% 83.125% 10% 4.375% 100,000%	12.500%		PERCENTAGE COMMITTED	CLIFFS FORMATION
	8.55835%		8,55835%	8.55834%			8.55834%		8.55835%		8,55835%		PRESENT ACTUAL PARTICIPATION	

SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA SCHEDULE VIII

RECAPITULATION

Description of lands in Participating Area: Township 30 North, Range 4 West, N.M.P.M. Sections 10, 15: W/2 Sections 9, 18: All Sections 8, 16, 19, 21, 27, 29: E/2

Total Number of acres in Participating Area:3739.04Percent of Basic Royalty committed:100.00%Percent of Working Interest committed:100.00%

Percent of O.R.R.I. committed:

100.00%

Effective December 1, 1957

Page 5

5 stit

El Paso Natural Gas Company El Paso, Texas

March 4, 1957

Director United States Geological Survey Department of the Interior Washington 25, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Re: San Juan 30-4 Unit Area #14-08-001-1056 Rio Arriba County, New Mexico NOTICE OF APPROVAL OF 1957 DRILLING PROGRAM

Gentlemen:

This is to advise that the 1957 Drilling Program for the San Juan 30-4 Unit Area was approved as follows:

- Regional Supervisor, United States Geological Survey, February 1, 1957
- (2) Commissioner of Public Lands of the State of New Mexico, January 14, 1957
- (3) Oil Conservation Commission of the State of New Mexico, February 28, 1957.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Bv Joe W . Cherry Area Landman

Lease Department

JWC:EN:nn cc: Attached list

UL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 28, 1957

El Paso Natural Gas Company Box 1492 El Paso, Texas

Attention: Mr. Samuel Smith

Re: San Juan 30-4 Unit Rio Arriba County, N. M. 1957 Drilling Program

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1957 Drilling Program for the above-captioned unit area, dated December 31, 1956, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the Program is returned herewith.

Very truly yours, A. L. PORTER, Jr.,

Secretary-Director

ALP/DSN/ir

Enclosure

BCC: USGS - Roswell Commissioner of Public Lands - Santa Fe



5-44

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

> P. O. Box 6721 Roswell, New Mexico

> > February 1, 1957

El Paso Natural Company P. O. Box 1492 El Paso, Texas

Attention: Mr. R. L. Namblin

Gentlemen:

Your plan of development dated December 31, 1956, for the San Juan 30-4 Enit 1766, New Mexico, for the calendar year 1957, has been approved on this date subject to like approval by the appropriate State of New Mexico officials.

One approved copy of the plan is enclosed.

10

Very truly yours,

(Orlg. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON Regional Oil and Gas Supervisor

Enclosure

Copy to: Wash. (w/copy of plan) Farmington (w/copy of plan) Comm. of Public Lands, Santa Fe (letter only) V Oil Cons. Comm., Santa Fe (letter only)

January 14, 1957

In reply refer to: Unit Division

El Paso Natural Gas Company P. O. Box 1/492 El Paso, Texas Attention: Mr. Samuel Smith, Assistant Manager Lease Department Re: San Juan 30-4 Unit -1957 Drilling Program

Dear Mr. Smith:

Enclosed please find our approval of this date for your 1957 Drilling Program on the San Juan 30-4 Unit. Like approval will be necessary from the United States Geological Survey and the New Mexico Oil Conservation Commission.

Very truly yours,

MURRAY E. MORGAN Commissioner of Public Lands

MEM:TMW/m enc: 1

cc: USGS-Roswell OCC-Santa Fe

El Paso Natural Gas Company

El Paso, Texas

December 31, 1956

Director United States Geological Survey Department of the Interior Washington, D. C.

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1957 DRILLING PROGRAM

Gentlemen:

By letter dated December 23, 1955, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the above captioned unit for the calendar year 1956. This Drilling Program was approved by the United States Geological Survey, Commissioner of Public Lands of the State of New Mexico, and Oil Conservation Commission of the State of New Mexico.

There were four (4) wells on the 1956 Drilling Program that were to be drilled during the calendar year 1956. These wells were as follows:

NAME	DRILLING BLOCK	FORMATION		
San Juan 30-4 Unit, #11 well	E/2 Sec. 8, T-30-N, R-4-W	Pictured Cliffs		
San Juan 30-4 Unit, #12 well	W/2 Sec. 8, T-30-N, R-4-W	Pictured Cliffs		
San Juan 30-4 Unit, #13 well	W/2 Sec.15, T-30-N, R-4-W	Pictured Cliffs		
San Juan 30-4 Unit, #14 well	E/2 Sec.21, T-30-N, R-4-W	Pictured Cliffs		

The San Juan 30-4 #11 well was spudded on June 2, 1956, and completed on July 11, 1956, at a total depth of 4,384' with an IP of 2,483 MCFGPD. This drilling block was included in the San Juan 30-4 Sixth Expanded Participating Area effective August 1, 1956.

The San Juan 30-4 #12 well was spudded on June 17, 1956, and drilled to a total depth of 4,172'. On the basis of its low IP the well was plugged and abandoned on October 24, 1956.

The San Juan 30-4 #13 well was spudded on May 18, 1956, and completed on July 11, 1956, at a total depth of 4,505' with an IP of 798 MCFGPD. This drilling block was included in the San Juan 30-4 Sixth Expanded Participating Area effective August 1, 1956.

The San Juan 30-4 #14 well was spudded on April 27, 1956, and completed on June 14, 1956, at a total depth of 4,570' with an IP of 5,580 MCFGPD. This drilling block was included in the San Juan 30-4 Fifth Expanded Participating Area effective July 1, 1956.

Since September 11, 1953, the effective date of the San Juan 30-4 Unit Agreement, the following wells have been completed on acreage committed to the San Juan 30-4 Unit:

WELL NAME	DRILLING BLOCK	INITIAL POTENTIAL	FORMATION	TIED-IN
San Juan 30-4 #11	E/2 Sec. 8 T-30-N,R-4-W	2483 MCF	Pictured Cliffs	Not tied in
S an Juan 30 - 4 # 5	W/2 Sec. 9 T-30-N, R-4-W	919 MCF	Pictured Cliffs	11-28-55
S an Juan 30 - 4 # 13	W/2 Sec. 15 T-30-N, R-4-W	798 MCF	Pictured Cliffs	10-28-56
San Juan 30-4 # 8	E/2 Sec. 16 T-30-N,R-4-W	25000 MCF	Pictured Cliffs	11-28-55
San Juan 30-4 # 9	W/2 Sec. 16 T-30-N,R-4-W	426 MCF	Pictured Cliffs	11-28-55
San Juan 30–4 # 7	E/2 Sec. 18 T-30-N,R-4-W	657 MCF	Pictured Cliffs	11-28-55
San Juan 30-4 # 1	W/2 Sec. 18 T-30-N,R-4-W	750 MCF	Pictured Cliffs	7-14-53
S an Juan 30-4 # 2	E/2 Sec. 19 T-30-N,R-4-W	970 MCF	Pictured Cliffs	11-28-55
San Juan 30-4 #1 4	E/2 Sec. 21 T-30-N,R-4-W	5580 MCF	Pictured Cliffs	10-28-56
S an Juan 30 - 4 # 4	E/2 Sec. 27 T-30-N,R-4-W	3310 MCF	Pictured Cliffs	6-20-54
San Juan 30-4 #10	W/2 Sec. 27 T-30-N,R-4-W	434 MCF	Pictured Cliffs	12-9-55
S an Juan 30-4 # 3	E/2 Sec. 29 T-30-N,R-4-W	869 MCF	Pictured Cliffs	6-10-55

The San Juan 30-4 #9 well was spudded on June 18, 1955, and completed on July 10, 1955, at a total depth of 4,460' with an IP of 426 MCFGPD. This well was declared non-commercial.

The San Juan 30-4 #10 well was spudded on July 16, 1955, and completed on November 3, 1955, at a total depth of 6,795'. The well was plugged back to 4,400' where it guaged an IP of 434 MCFGPD. This well was declared non-commercial.

The total production for the San Juan 30-4 Unit Pictured Cliffs Participating Area from January 1, 1956, through November, 1956, is 679,051 MCF. The total value in sales is \$70,687.57. This figure includes total sale of natural gas, butane, propane, gasoline, and condensate. El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1957, consisting of five (5) wells to be drilled to the Pictured Cliffs formation on the following locations:

DRILLING BLOCK

FORMATION

E/2 Section б, T-30-N, R-4-W	Pictured Cliffs
W/2 Section 10, T-30-N, R-4-W	Pictured Cliffs
E/2 Section 17, T-30-N, R-4-W	Pictured Cliffs
W/2 Section 21, T-30-N, R-4-W	Pictured Cliffs
W/2 Section 26, T-30-N, R-4-W	Pictured Cliffs

El Paso Natural Gas Company, as Unit Operator, intends to drill all of the above listed Pictured Cliffs wells to the base of the Pictured Cliffs formation using rotary and cable tools. Surface casing will be set to approximately 100' from the surface, and then a production string of $5\frac{1}{2}$ " casing will be set through the Pictured Cliffs formation. Mud will be used in drilling through the Pictured Cliffs formation and cable tools will be used for completion work. The entire Pictured Cliffs formation will be subjected to a hydraulic fracturing process. Due care will be taken to protect all horizons.

El Paso Natural Gas Company, as Unit Operator, will protect the Unit from drainage, and will comply with any drilling requirement created under the terms of the Unit Agreement calling for additional drilling.

All the Working Interest Owners have been contacted and this reflects their requests for additional drilling.

If this program is acceptable, please signify your approval of this drilling program as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Smith Samuel Smith

Assistant Manager Lease Department

SS:EN:nn

APPROVED:	DATE:									
Supervisor, United States Ge	ological Survey									
Subject to like approval by	the appropriate State officials.									
APPROVED:	DATE:									
Commissioner of Public Lands										
Subject to like approval by Commission.	the U.S.G.S. and Oil Conservation									
ADDRAWD AND PR	DATE: 2 - 2.8.5-									
APPROVED: <u>Oil Conservation Commission</u>	DATE: 27 28 0 - 1									
Subject to like approval by Public Lands.	the U.S.G.S. and Commissioner of									

The foregoing approvals are for the 1957 Drilling Program for the San Juan 30-4 Unit, New Mexico.

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Anterna El Paso Natural Gas Company El Paso, Texas

October 8, 1956

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Re: San Juan 30-4 Unit, #14-08-001-1056 Rio Arriba County, New Mexico Sixth Expanded Participating Area for the Pictured Cliffs Formation Effective August 1, 1956

Gentlemen:

Pursuant to Section 11 (a) of the San Juan Unit Agreement, No. 14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on July 11, 1956, that two (2) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation have been completed upon acreage committed to this Unit, and the Participating Area for the Pictured Cliffs Formation is accordingly expanded. The wells are as follows:

> 1. The San Juan 30-4 #11 Well located 1650' from the South line and 1840' from the East line of Section 8, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded June 2, 1956, and completed on June 27, 1956, at a total depth of 4384'. The Pictured Cliffs Formation was treated with a sandwater fracturing process. After being shut in for gauge for fourteen days, the well was tested on July 11, 1956. After a three hour blow-down, the well gauged 2825 MCFGPD using a calculated absolute open flow test and 2483 MCFGPD using the choke volume test, with an SIPC of 1128# and an SIPT of 1127#. The committed drilling block upon which this well is located is described as the E/2 of Section 8, Township 30 North, Range 4 West, N.M.P.M., containing 320.00 acres.

2. The San Juan 30-4 #13 Well located 800' from the South line and 890' from the West line of Section 15, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on May 18, 1956, and completed on June 21, 1956, at a total depth of 4505'. The Pictured Cliffs Formation was treated with a sand-water fracturing process. After being shut in for gauge for twenty (20) days, the well was tested on July 11, 1956. After a three hour blow-down, the well gauged 869 MCFGPD using a calculated absolute open flow test and 798 MCFGPD using the choke volume test, with an SIPC of 960# and an SIPT of 959#. The committed drilling block upon which this well is located is described as the W/2 of Section 15, Township 30 North, Range 4 West, N.M.P.M., containing 320.00 acres.

Attached is Schedule VII showing the Sixth Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval, no provision is made therefore, and in the absence of disapproval, this Expanded Participating Area will become effective as of August 1, 1956.

Copies of this letter and schedule are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

R. L. Hamblin Manager Lease Department

RLH:EN:nb cc: Attached List Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. N. Richey (4) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 301 Korber Building Albuquerque, New Mexico

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 1150 Plainview, Texas

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. C. F. Bedford (3) Stanolind Oil and Gas Company Post Office Box 1410 Fort Worth, Texas

Stanolind Oil and Gas Company Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Post Office Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn Post Office Box 896 Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 335 Santa Fe, New Mexico

San Juan 30-4 #5 Well	SF-079483-A	San Juan 30-4 #11 Well	SF-079483	SERIAL NUMBER	
Section 9: W/2	<u>T-30-N-R-4-W</u> Section 9: W/2	Section 8: E/2	T-30-N, R-4-W Section 8: E/2	SIXTH EXPA	
320.00	320.00	320.00	320.00	UNDED PARTICIP	
	Royalty; Working Interest: El Paso Natural Gas Co. ORRI; TOTAL	Tract 5	Royalty; Working Interest: El Paso Natural Gas Co. ORRI; TOTAL	SIXTH EXPANDED PARTICIPATING AREA FOR THE PICTUR SAN JUAN 30-4 UNIT AREA NUMBER DRILLING BLOCK TION OF ACRES OWNERSHIP and P	SCHEDULE VII
	12.50% 83.125% 4.375% 100.000%		12.50% 82.50% 5.00%	ED CLIFFS ERCENTAGE	
100.000%	12.50% 83.125% 100.000%	100.00%	12.50% 82.50% 5.00%	FORMATION PERCENTAGE COMMITTED	
10.32578%	10.32478%	10.32578%	10.32578%	PRESENT ACTUAL PARTICIPATION	

Effective August 1, 1956

San Juan 30-4 #7 Well	SF-079485-A	San Juan 30-4 #8 Well	SF-079485		SERIAL NUMBER	
Section 18: E/2	T-30-N, R-4-W Section 18: E/2	Section 16: E/2	T-30-N, R-4-W Section 16: E/2		DESCRIPTION	SIXTH EXPAN
320.00	320.00	320.00	320.00		NUMBER OF ACRES	DED PARTICIPA
	Royalty; Working Interest: El Paso Natural Gas Company ORRI; TOTAL	Tract 10	Royalty; Working Interest: El Paso Natural Gas Company ORRI; TOTAL	Tract 9	DRILLING BLOCK OWNERSHIP AND P	SIXTH EXPANDED PARTICIPATING AREA FOR THE PICTU SAN JUAN 30-4 UNIT AREA
	12.50% 82.50% 5.00%		12.50% 82.50% <u>5.00%</u>		YK PERCENTAGE	PICTURED CLIFFS FOR
100.00%	12.50% 82.50% 5.00%	100.00%	12.50% 82.50% <u>5.00%</u>		PERCENTAGE COMMITTED	FORMATION
10.32578%	10.32578%	10.32578%	10.32578%		PRESENT ACTUAL PARTICIPATION	

Effective August 1, 1956

San Juan 30-4 #13 Well	SF-079485-B		San Juan 30-4 #1 Well	SF-079485-A		SERIAL NUMBER	
Section 15: W/2	<u>T-30-N, R-4-W</u> Section 15: W/2		Section 18: W/2	T-30-N, R-4-W Section 18: W/2		DESCRIFTION	SIXTH EXPAN
320.00	320.00		219.04	219,04		NUMBER OF ACRES	ADED PARTICIP
	Royalty; Working Interest: El Paso Natural Gas Company ORRI; TOTAL	Tract 11		Royalty; Working Interest: El Paso Natural Gas Company ORRI; TOTAL	Tract 10	DRILLING BLOCK OWNERSHIP AND P	SIXTH EXPANDED PARTICIPATING AREA FOR THE PIC SAN JUAN 30-4 UNIT AREA
	12.50% 83.125% <u>4.375%</u> 100.000%			12.50% 82.50% 5.00% 100.00%		LOCK PERCENTAGE	PICTURED CLIFFS FORMATION REA
100.000%	12.50% 83.125% 4.375%		100.00%	12.50% 82.50% <u>5.00%</u> 100.00%		PERCENTAGE Committed	PORMATION
10.32578%	10.32578%		7,06798%	7.06798%		PRESENT ACTUAL PARTICIPATION	

San Juan 30-4 #2 Well	SF-079487-A	San Juan 30-4 #4 Well	SF-079486	SERIAL NUMBER
Section 19: E/2	T-30-N, R-4-W Section 19: E/2	Section 27: E/2	T-30-N, R-4-W Section 27: E/2	SIXTH EXPA
320.00	320.00	320.00	320.00	NDED PARTICIP
	Tract 14Royalty;12.50%Working Interest:12.50%El Paso Natural83.125%Gas Co.4.375%ORRI;100.000%		Tract 12Royalty;12.50%Working Interest:12.50%Gas Co.83.125%ORRI;4.375%TOTAL100.000%	SIXTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA MUMBER DRILLING BLOCK FERCE TION OF ACRES OWNERSHIP AND FERCENTAGE COMMI
100.000%	12.50% 83.125% 4.375%	100.000%	12.50% 83.125% 4.375%	ORMATION PERCENTAGE COMMITTED
10.32578%	10.32578%	10.32578%	10.32578%	PRESENT ACTUAL PARTICIPATION

Effective August 1, 1956

San Juan 30-4 #3 Well		SF-079488-A		San Juan 30-4 #14 Well		SF-0 7 9487-A		SERIAL NUMBER	
Section 29: E/2		T-30-N, R-4-W Section 29: E/2		Section 21: E/2		<u>T-30-N, R-4-W</u> Section 21: E/2		DESCRIPTION	SIXTH EXPA
320.00		320,00		320.00		320,00		NUMBER OF ACRES	ADED PARTICIP/
	- Natural - TOTAL	Royalty; 12 Working Interest.	Tract 16		o Natural 	Royalty; 12 Working Interest.	Tract 14	DRILLING BLOCK OWNERSHIP AND PE	SIXTH EXPANDED PARTICIPATING AREA FOR THE PICTURE SAN JUAN 30-4 UNIT AREA
	83.125% 4.375% 100.000%	12.50%			83.125% <u>4.375%</u> 100.000%	12,50%		FERCENTAGE	URED CLIFFS FO
100.000%	83.125% 4.375% 100.000%	12.50%		100.000%	83.125% 4.375% 100.000%	12.50%		Percentage Committed	FORMATION
10.32578%		10.32578%		10.32578%		10.32578%		PRESENT ACTUAL PARTICIPATION	

Effective August 1, 1956

SCHEDULE VII SIXTH EXPANDED FARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

RECAPITULATION

Description of lands in Participating Area: Township 30 North, Range 4 West, N.M.F.M. Section 9, 15: W/2 Section 18: All Sections 8, 16, 19,21, 27, 29: E/2 Total number of acres in Participating Area: 3099.04

Percent of Basic Royalty committed: 100.00% Percent of Working Interest committed: 100.00% Percent of O.R.R.I. committed: 100.00%

Effective August 1, 1956

El Paso Natural Gas Company

El Circo El Paso. Texas

September 27, 1956

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

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Re: San Juan 30-4 Unit # 14-08-001-1056 Rio Arriba County, New Mexico Fifth Expanded Participating Area Pictured Cliffs Formation Effective July 1, 1956

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 30-4 Unit Agreement, No. 14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on June 11, 1956, that one additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation has been completed upon acreage committed to this Unit and the Participating Area for the Pictured Cliffs Formation is accordingly expanded. This well is as follows:

> The San Juan 30-4 #14 Well located 1176' from the North line and 890' from the East line of Section 21, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded April 27, 1956, and completed May 15, 1956, after reaching a total depth of 4570'. The Pictured Cliffs Formation was treated with a sand-water fracturing process. After being shut-in for gauge for six days, the well was tested on June 11, 1956. After a three hour blow-down, the well gauged an IP of 16,177 MCFGPD using a calculated absolute open flow test and an IP of 5,588 MCFGPD using the choke volume test, with an SIPC of 1153# and an SIPT of 1153#. The committed drilling block upon which this well is located is described as the E/2 of Section 21, Township 30 North, Range 4 West, N.M.P.M., containing 320.00 acres.

Attached is Schedule VI showing the Fifth Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Expanded Participating Area will become effective as of July 1, 1956.

Copies of this letter and schedule are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

R. L. Hamblin Manager Lease Department

RLH:EN:nb

cc: Attached List

-2-

San Juan 30-4 Unit Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. N. Richey (4) Mr. M. A. Ehrlich (1) Pacific Northwest Pipeline Corporation Post Office Box 1526 Salt Lake City, Utah

Mr. R. A. Brown Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Phillips Petroleum Company 301 Korber Building Albuquerque, New Mexico

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero Post Office Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin Post Office Box 896 Albuquerque, New Mexico

Mr. H. O. Pool Post Office Box 1150 Plainview, Texas

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Messrs. Carl H. Gilbert & Morey Goodman, Mrs. Anita S. Friedman, Co-Executors of the Estate of N. B. Stern, Deceased Bishop Building Santa Fe, New Mexico

Mr. C. F. Bedford (3) Stanolind Oil and Gas Company Post Office Box 1410 Fort Worth, Texas

Stanolind Oil and Gas Company Post Office Box 1714 Albuquerque, New Mexico

Mr. W. N. Little Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City, Oklahoma

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. Joe Quinn Post Office Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn Post Office Box 896 Albuquerque, New Mexico

Mr. J. R. Abercrombie Post Office Box 335 Santa Fe, New Mexico Effective July 1, 1956

PAGE 1

San Juan 30-4 #8 Well	SF 079485	San Juan 30-4 # 5 Well	SERIAL NUMBER SF 079483-A
Sec. 16: E/2	T-30-N, R-4-W Sec. 16: E/2	Sec. 9: W/2	DRILLING BLOCK T-30-N, R-4-W Sec. 9: W/2
320.00	320.00	320.00	NUMBER OF ACRES 320.00
	Tract 9 Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL		DRILLING BLOCK OWNERSHIP AND Tract 5 Royalty; Working Interest: El Paso Natural Gas Co. ORRI; TOTAL
	12.50% 82.50% 5.00%		PERCENTAGE 12.50% 83.125% 4.375%
100.00%	12.50% 82.50% <u>5.00%</u>	100.000%	COMMITTED 12.50% 83.125% 4.375% 100.000%
13.01321%	13.01321%	13.01321%	PRESENT ACTUAL PARTICIPATION 13.01321%

SCHEDULE VI FIFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

San Juan 30-4 ∦ 1 Well	SF 079485-A	San Juan 30-4 #7 Well	SF 079485-A	SERIAL NUMBER
Sec. 18: W/2	T-30-N, R-4-W Sec. 18: W/2	Sec. 18: E/2	T-30-N, R-4-W Sec. 18: E/2	FIFTH EX DRILLING BLOCK
219.04	219.04	320.00	320.00	PANDED PARTIC NUMBER OF ACRES
	Tract 10Royalty;12.50%Working Interest:12.50%El Paso Natural Gas Co.;82.50%ORRI;5.00%100.00%		Tract 10Royalty;12.50%Working Interest:12.50%El Paso Natural Gas Co.;82.50%ORRI;5.00%TOTAL100.00%	SCHEDULE VI FIFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CI SAN JUAN 30-4 UNIT AREA NUMBER DRILLING BLOCK BLOCK OF ACRES OWNERSHIP AND PERG
100.00%	-1	100.00%	⊢]	PICTURED CLIFFS FORMATION EA BLOCK PERCENTAGE COM
000%	12.50% 82.50% 5.00%	00%	12,50% 82,50% 5,00%	MITTED
8.90753%	8.90753%	13.01321%	13.01321%	PRESENT ACTUAL PARTICIPATION

Effective July 1, 1956

	San Juan 30-4 # 2 Well	SF 079487-A	San Juan 30-4 # 4 Well	SF 079486	SERIAL NUMBER
	Sec. 19: E/2	T-30-N, R-4-W Sec. 19: E/2	Sec. 27: E/2	T-30-N, R-4-W Sec. 27: E/2	FIFTH E DRILLING BLOCK
	320.00	320.00	320.00	320.00	XPANDED PARTI NUMBER OF ACRES
PAGE 3		Tract 14 Royalty; 12.50% Working Interest: 12.50% El Paso Natural Gas Co.; 83.125% ORRI; 4.375%		Tract 12 Royalty; 12.50% Working Interest: 12.50% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	SCHEDULE VI SIFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA NUMBER DRILLING BLOCK BLOCK OF ACRES OWNERSHIP AND PERCENTAGE COMM
	100.000%	12.50% 83.125% 4.375%	100.000%	12.50% 83.125% <u>4.375%</u> 100.000%	ORMATION COMMITTED
	13.01321%	13.01321%	13.01321%	13.01321%	PRESENT ACTUAL PARTICIPATION

Effective July 1, 1956

PAGE 3

,

San Juan 30-4 # 3 Well	SF 079488-A	San Juan 30-4 # 14 Well	SF 079487-A	SERIAL NUMBER
Sec. 29: E/2	T-30-N, R-4-W Sec. 29: E/2	Sec. 21: E/2	T-30-N, R-4-W Sec. 21: E/2	DESCRIPTION
320.00	320.00	320,00	320.00	NUMBER OF ACRES
	Royalty; 12.50% Working Interest: El Paso Natural Gas Co.; 83.125% ORRI; TOTAL 100.000%	Tract 16	Royalty; 12.50% Working Interest: 12.50% El Paso Natural Gas Co. 83.125% ORRI; TOTAL 100.000%	DRILLING BLOCK OWNERSHIP AND PERCENTAGE Tract 14
100.000%	12.50% 83.125% <u>4.375%</u> 100.000%	100.00%	12.50% 83.125% <u>4.375%</u> <u>100.000%</u>	PERCENTAGE COMMITTED
13,01321%	13.01321%	13.01321%	13.01321%	PRESENT ACTUAL PARTICIPATION

SCHEDULE VI FIFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

Effective July 1, 1956

FIFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA SCHEDULE VI

RECAPITULATION

Description of lands in Participating Area: Township 30 North, Range 4 West, N.M.P.M. Section 9: W/2 Section 18: All Sections 16, 19, 21, 27, 29: E/2

Percent of Basic Royalty committed: Percent of Working Interest committed: Total number of acres in Participating Area: 100.00% 100.00% 100.00% 2459.04

Percent of O.R.R.I. committed:

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El Paso Natural Gas Company El Paso, Texas

April 16, 1956

file

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit Tracts 3,5,7,11,12 thru 18, and 23 Rio Arriba County, New Mexico

Gentlemen:

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Please find enclosed for your information and files one (1) fully executed copy of Ratification & Joinder of Unit Operating Agreement of the San Juan 30-4 Unit, executed by T. H. McElvain, et ux and Forrest B. Miller, et ux, committing their working interest in the above captioned tracts.

Very truly yours,

aner C. Vauluer

James C. Vandiver Area Landman Lease Department

JCV:BG:eb

Enclosure

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

	220 Shelly St. Santa Fe, N. Mer. Date: July 6, 1954	AA Cwain AA Cwain Catherine B. MElvain Catherine B. MElvain
	Date: July 6, 14154	Theselle h. Thicler
	STATE OF New Mexico) COUNTY OF Santa Fe) SS :	
their	On this <u>6</u> day of <u>July</u> personally appeared <u>Forrest B. Miller</u> his wife, to me known to be the persons foregoing instrument, and acknowledged that free act and deed.	, 195 4 , before me and <u>Catherine B. McElvain</u> , described in and who executed the they executed the same as their

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires:

March 7. 1950

Notary Public in and for Santa Fe County, State of New Mexico	Mun W. D.	uslum
	New Mexico	County, State of

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APPROVED	AND CONSENTED TO:
EL PASO	ATULAL AS LUMIANY
By MT	Vice President
. Martin	VICE LIESIUGH

UNIT CPERATOR

						5,	April 1, 1956
	Tota1 5.0000%					red to:	Muraed
	.Peterson_						٠
	Patricia Hudson .0625						X
	Mary F. Kerr .3125						
	W.O.Kerr and						
	Robert B.Morgan, Jr 1250	٩					
	ken Morgan	•				C /	•
	S. Range .1250						
	& Marie					Ø,	
	Laurine Cox .1250					~	
	& Abner E.Clayton .2500						
	Yuval King Clayton						
	Jeanette L.Roeber .2500						
	George Roeber &						
	William D.Lowery .2500						
	Ernest 1.9375				/4	N/2 SW/4, NW/4	
	ckhart & R.H				1/4 SE/4,	W/2 NE/4, NW/4	
*Phillips Petroleum Co. All	deceased & Helen Magruder,						Sec.
Below MV Formation:	Estate of Roy S.Magruder,					N/2	Sec.
Pipeline Corp. All	tor & Trustee of the			5 yrs.			Sec.
NorthWest	Indepan	Pipeline Corp.	172% VII				Sec.
To Base of MV Formation:	The Fort Worth National	Pacific Northwest	-	SF 078967	2239.11	All	1 Sec.
						4	
						4	T-31-N, R-4-W
						101	FEDERAL LANDS
Percentage of Interest	Owner and Percentage	or Application	of Royalty	Lease Date	Acres	Description	NO. Desci
Assi	ldin			and	No. of		Ċť
Working Interest Owner Under Option Agreement, Operating		Record Owner	Land Owner	Serial No.		v	\langle
						5	
Page 1							e
							~
	GAS	INDT AGREEMENT	AND KIND OF OWNERSHIP	PERCENTAGE /	SCHEDULE SHOWING THE PERCENTAGE AND INTERESTS IN ALL LANDS IN THE	SCHED	
,			EXHIBIT "B"	EXHI			

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	T-30-N,		N	Tract No. FEDERAL T-30-N,
х х ес. с. 5 з	R-4-W Sec. 1	sec.	Sec	Descri LANDS R-4-W
3: All, excepting the lands includ in H.E.S. Nos. 2 283,386,387,388. 5: All	l, exce lands	lands I.E.S.	2: All, excepting the lands incl in H.E.S. Nos. and 283.	ption (Continued)
NO. 279. included Nos. 280, 37,388.	pting 1700.66 included	included No. 386.	pting 1030.48 included Nos. 280	No. of Acres
o yrs.	SF 079482-A 7-1-49		SF 079482 7-1-49 5 yrs.	Serial No. and Lease Date
	U.S.A. 12 2 % All		U.S.A. 12 2 % All	Land Owner Percentage of Royalty
	J. K. Rigsbee		John W. Nichols	Record Owner of Lease or Application
Joe Quinn .230 Omega Quinn .173 N.B. Stern .459 H.O. Pool .459 Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Al- gernon W.Brown, deceased, & Evelyn G. Brown & James Algernon Brown .459	Forrest B.Miller W.E. Alsup Total R.P. Tinnin M.A. Romero	 	R.P.Tinnin H.A. Howell M.A. Romero J.R.Abercrombie	Overriding Koyalty Owner and Percentage
. 430 459 459 459 459 459 & James 459 459	. 4243 . 4243 . 0000% . 057 . 547	.2546 .1909 .5093 .5093 lace Brown, Brown, he Last of Al- of Al- of Al- ceceased, n & James .5093	.0637 .1500 .6063 .5093	age
General American Oil Co. All Gas Rights after payout: El Paso Natural Gas 56.25% General American Oil 18.75% ORI Owners in % shown 25.00% Oil Rights after payout: General American Oil 75.00% ORI Owners in % shown 25.00%	Gas Rights before payout: El Paso Natural Gas Co. All	Í	Gas Rights to base of <u>MV Formation:</u> El Paso Natural Gas Co. All Gas Rights below MV Formation	Page 2 Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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		4 4	3 3	Tract No.
		Sec. 6: All Sec. 8: All		
		1213.88		No. of Acres
		SF 079483 10-1-48 5 yrs.		Serial No. and Lease Date
:		U.S.A. 122% All		Land Owner Percentage of Royalty
		John W. Nichols		Record Owner of Lease or Application
	 N.B. Stern .5093 H.O. Pool .5093 Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Al- gernon W.Brown, deceased, & Evelyn G. Brown & James Algernon Brown .5093 T.H. McElvain .8487 Forrest B.Miller .4243 W.E. Alsup .4243 	R.P. Tinnin H.A. Howell M.A. Romero J.R. Abercrombie Joe Quinn Omega Quinn	Forrest B.Miller W.E. Alsup T.H. McElvain J.R.Abercrombie Total	Overriding Royalty Owner and Percentage
	.5093 .5093 .5093 .5093 .5093 .4243 .8487 .4243 .4243 .4243	.0637 .1500 .6063 .5093 .2546 .1909	.383 .383 .766 .459 .4.375%	1ge
		Gas Rights to Base of Mesaverde Formation: El Paso Natural Gas Co. All Gas Rights below MV Formation & All Oil Rights: Blackwood & Nachols Co. All		Working Interest Owner Under Option Agreement, Operating Agreement of Assignment and Percentage of Interest

	<u>T-30-N, R-4-W</u> <u>6</u> Sec. 10: All, excepting 1047.21 SF 079484 the lands included 7-1-49 in H.E.S. No. 388. 5 yrs. Sec. 12: All. excepting	TractNo. DescriptionNo. of andFEDERALLANDS Sec.(Continued)AcresLease D7Sec.7: All1178.30SF 0794Sec.9: All1110-1-485 yrs.
	9484 U.S.A. W.E.Alsup 9 12½% All	<pre>ial No. Land Owner Record Owner and Percentage of Lease or ise Date of Royalty Application 079483-A U.S.A. J. K. Rigsbee -1-48 12½% All rrs.</pre>
Quinn Stern Pool yn Ellen Wallac s Algernon Brow tees under the & Testament of & Testament of elyn G.Brown & rnon Brown	R.P. Tinnin .0637 H.A. Howell .1500 M.A. Romero .6063 J.R. Abercrombie .5093	Overriding Royalty Owner and Percentage R.P. Tinnin .057 M.A. Romero .547 Joe Quinn .547 N.B. Stern .459 H.O. Pool .173 N.B. Stern .459 Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Al- gernon W.Brown, deceased, & Evelyn G. Brown & James Algernon Brown .459 Forrest B.Miller .383 T.H. McElvain .766 J.R. Abercrombie .459 Total .357
11 011 Rights: ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. All Gas Rights below MV Formation	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest El Paso Natural Gas Co. All General American Oil Co. All Gas Rights after payout: El Paso Natural Gas 56.25% General American Oil 18.75% ORI Owners in % shown 25.00% ORI Owners in % shown 25.00%

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Page 4

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Anri 1	8 8	FEDERAL 7-30-N, 7	Tract No.
1956	R-4-W Sec. 14:	LANDS R-4-W Sec. 1 Sec. 1	Description
	All, excepting 4 the lands included in H.E.S. Nos. 287 292 and 368.	from Page 4) from Page 4) All, excepting the lands incluin H.E.S. Nos. 368 and 388. All, excepting the lands incluin H.E.S. Nos. 291 and 292.	ton
	483.48 uded 287,	886.61 292, 288,	No. of Acres
	SF 079484-B 7-1-49 5 yrs.	SF 079484-A 7-1-49 5 yrs.	Serial No. and Lease Date
	U.S.A. 12½% All	U.S.A. 12½% All	Land Owner Percentage of Royalty
	W. E. Alsup	J. K. Rigsbee	Record Owner of Lease or Application
	R.P. Tinnin H.A. Howell M.A. Romero J.R. Abercrombie Joe Quinn Omega Quinn N.B. Stern H.O. Pool	T.H. McElvain.8487Forrest B.Miller.4243W.E. Alsup.4243Total5.0000R.P. Tinnin.057M.A. Romero.547Joe Quinn.173N.B. Stern.459H.O. Pool.459Evelyn Ellen Wallace &James Algernon Brown,Trustees under the LastWill & Testament of Al-gernon W.Brown & JamesAlgernon Brown & JamesAlgernon BrownStern - 383W.E. Alsup.383T.H. McElvain.766J.R. Abercrombie.459	Overriding Royalty Owner and Percentage
	.0637 .1500 .6063 .5093 .2546 .1909 .5093	.8487 .4243 .4243 .057 .547 .230 .173 .459 .459 .459 .459 .383 .383 .383 .383 .766 .766	y age
	Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. All Gas Rights below MV Formation & All Oil Rights: Blackwood & Nichols Co. All	Gas Rights before payout:El Paso Natural Gas Co.Oil Rights before payout:General American Oil Co.AllGas Rights after payout:El Paso Natural Gas 56.25%General American Oil 18.75%Oil Rights after payout:General American Oil 18.75%ORI Owners in % shown 25.00%	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

April 1, 1956	O-N,	IFACC No. Description	
	640.00	Acres	5
	Lease Date SF 079485 10-1-48 5 yrs.	and Lease Date	Serial No.
	U.S.A. 122% A11	of Royalty	Land Owner
	John W. Nichols	OI Lease Or Application	0
	Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Al- gernon W.Brown, deceased & Evelyn G.Brown & James Algernon Brown & James Algernon Brown & James M.A. Romero .4243 W.E. Alsup .5.0000 M.A. Romero .4243 Joe Quinn .1500 M.A. Romero .6063 J.R. Abercrombie .5093 Joe Quinn .1909 N.B. Stern .1909 N.B. Stern .1909 N.B. Stern .5093 H.O. Pool .5093 H.O. Pool .5093 James Algernon Brown, Trustees under the Last Will & Testament of Al- gernon W.Brown, deceased, & Evelyn G.Brown & James Algernon Brown .5093 T.H. McElvain .5093 W.E. Alsup .4243 W.E. Alsup .4243 W.E. Alsup .4243	Overfluing noyally Owner and Percentage	
	llace & Brown, the Last t cf Al- deceased, n & James .5093 .50000% r .4243 .5093 .2546 .1909 .5093 .5093 llace & Brown, the Last t of Al- t of Al- t of Al- t of Al- t of Al- t of Al- t ast t ast t ast t .5093 .5093 .1909 .5093 .5093 .1909 .5093 .5093 .1909 .5093 .5000 .5093 .5000 .5093 .5000 .5003 .5000 .5000 .5000 .5000 .5000 .50000 .50000 .50000 .50000 .50000 .50000 .500000 .500000 .500000 .500000000	Q Q	
	Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. All Gas Rights below MV Formation & All Oil Rights: Blackwood & Nichols Co. All	Agreement or Assignment and Percentage of Interest	Working Interest Owner Under Option Agreement, Operating

Sec. 17: All April 1. 1956	T-30-N, R-4-W 11 Sec. 15: All	FEDERAL LANDS(Continued)T-30-N, R-4-W10Sec.18:All	Descri
	1280.00	539.04	No. of Acres
10-1-48 5 yrs.	5 yrs. SF 079485-B	SF 079485-A	Serial No and Lease Date
12 5% All		U.S.A. 194% A11	Land Owner Percentage of Royalty
	J. K. Rigsbee	John W. Nichols	Record Owner of Lease or Application
M.A. Romero.547Joe Quinn.230Omega Quinn.173N.B. Stern.459H.O. Pool.459Evelyn Ellen Wallace &James Algernon Brown,Trustees under the LastWill & Testament of Al-gernon W.Brown, deceased,& Evelyn G.Brown & JamesAlgernon BrownAlgernon BrownM.E. AlsupForrest B. MillerJ.R. Abercrombie4.375%	Romero Abercrombie Quinn a Quinn Stern Pool yn Ellen Walla s Algernon Bro tees under the & Testament o on W.Brown, de elyn G.Brown & rnon Brown McElvain est B.Miller Alsup otal	R.P. Tinnin H A. Howell	Overriding Royalty Owner and Percentage
.547 .230 .173 .459 .459 .459 .383 .383 .383 .383 .383 .383 .383	.6063 .2546 .1909 .5093 .5093 .5093 .5093 .ee & Last f Al- f Al- f Al- f Al- .5093 .8487 .4243 .4243 .4243	.0637	e e
El Paso Natural Gas Co. All Oil Rights before payout: General American Oil Co. All Gas Rights after payout: El Paso Natural Gas 56.25% General American Oil 18.75% ORI Owners in % shown 25.00% ORI American Oil 75.00% ORI Owners in % shown 25.00%	El Paso Natural Gas Co. All Gas Rights below MV Formation & All Oil Rights: Blackwood & Nichols Co. All Gas Rights before payout:	Gas Rights to base of Mesaverde Formation:	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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April 1, 1956	T-30-N, R-4-W 13 Sec. 22: All	No.DescriptionAFEDERALLANDS(Continued) $T-30-N$, $R-4-W$ 27:All, excepting12Sec.27:All, excepting12Sec.27:All, excepting13Sec.28:All, excepting14In H.E.S. No.278.15Sec.33:All, excepting16In H.E.S. No.278.17Sec.33:All, excepting18In H.E.S. No.278.19Sec.34:All	Tract
	640.00	Acres 2420.45 1ded 278. 1ded 278. 1ded 278. 1ded 278.	No. of
10~1~48 5 yrs.	SF 079487	Lease Date SF 079486 7-1-49 5 yrs.	Serial No. and
12 % All		of Royalty U.S.A. 12½% All	Land Owner Percentage
	W. E. Alsup	Application W. H. Sparks	Record Owner of Lease or
H.A. Howell .1500 M.A. Romero .6063 J.R. Abercrombie .5093 Joe Quinn .2546 Omega Quinn .1909 N.B. Stern .5093 H.O. Pool .5093 Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Al- gernon W.Brown, deceased, & Evelyn G.Brown & James Algernon Brown .5093 T.H. McElvain .8487 Forrest B.Miller .4243 W.E. Alsup .4243	& Evelyn G.Brown & Algernon Brown Forrest B.Miller W.E. Alsup T.H. McElvain J.R. Abercrombie Total R.P. Tinnin	Owner and PercentageR.P. Tinnin.057M.A. Romero.547Joe Quinn.547Joe Quinn.173N.B. Stern.459H.O. Pool.459Evelyn Ellen Wallace & James Algernon Brown, Trustees under the LastWill & Testament of Al- gernon W.Brown, deceased,	Overriding Royalty
.1500 .6063 .2546 .1909 .5093 .5093 .5093 .5093 .5093 .5093 .41- .4243 .4243 .4243	. James .459 .383 .383 .766 .459 .459 .0637	4ge ,057 ,547 .230 .173 .459 .459 .459 .459 .459 .459 .459 .459	7
	W. E. Alsup	fore payo al Gas Co fore payo can Oil (ter payou ter payou ter payou ter payou ter payou	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and
	A11	t <u>o.</u> <u>o.</u> <u>o.</u> <u>o.</u> <u>1</u> <u>11</u> <u>11</u> <u>15</u> <u>18</u> <u>15</u> <u>18</u> <u>15</u> <u>18</u> <u>15</u> <u>18</u> <u>15</u> <u>18</u> <u>15</u> <u>18</u> <u>15</u> <u>18</u> <u>15</u> <u>18</u> <u>15</u> <u>18</u> <u>15</u> <u>18</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u> <u>15</u>	nder ing ınd

	Tract No. Description FEDERAL LANDS (Continued) T-30-N, R-4-W Sec. 20: All Sec. 21: All Sec. 21: All Sec. 21: All	
506.24	No. of Acres 1819.52	
SF 079488 10-1-48 5 yrs.	and Lease Date SF 079487-A 10-1-48 5 yrs.	Serial No.
U.S.A. 12 1 % A11	percentage of Royalty U.S.A. 12½% All	Land Owner
Joe Quinn	of Lease or Application W. H. Sparks	Record Owner
Squire Prod.Co. Waymon Peavy Wm. G. Webb Total	Overriding Royalty Owner and PercentageOwner and PercentageOwner and PercentageR.P. Tinnin.057M.A. Romero.547Joe Quinn.173N.B. Stern.459H.O. Pool.459Evelyn Ellen Wallace & James Algernon Brown, Trustees under the LastWill & Testament of Al- gernon W. Brown, deceased & Evelyn G.Brown & James Algernon Brown & James Algernon Brown % .583W.E. Alsup J.R. Abercrombie.383Total4.375%	
1.176% 1.307% 2.614%	age .057 .230 .173 .459 .459 .459 .383 .383 .766 .459 .383 .766	
M.A. Romero 12. Joe Quinn 5. Omega E. Quinn 3. Robt. P. Tinnin 1. N. B. Stern 10. Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Al- gernon W. Brown, deceas & Evelyn G.Brown & Jame Algernon Brown 10. Forrest B.Miller 8. W.E. Alsup 10. T.H. McElvain 17.	Agreement or Assignment a Percentage of Interest Gas Rights before payout: El Paso Natural Gas Co. Oil Rights before payout: General American Oil Co. Gas Rights after payout: El Paso Natural Gas 56 General American Oil 18. ORI Owners in % shown 25. ORI Owners in % shown 25.	Working Interest Owner Unde Option Agreement, Operating
12.5000% 5.2500% 3.9375% 1.3125% 10.5000% 10.5000% 10.5000% deceased, & James 10.5000% 8.7500% 17.5000% 10.5000%	or Assignment and of Interest before payout : tural Gas Co. before payout : after payout : tural Gas 56.25% in % shown 25.00% in % shown 25.00% in % shown 25.00%	Owner Under , Operating

April 1, 1	Sec.	Sec.	<u>T-30-N, R-</u> 17 Se	Tract No. Desc. <u>FEDERAL LAND</u> 16 Sec. Sec. Sec. Sec.
1956	c. 36:		<u>R-4-W</u> Sec. 24:	ມີ[0]ັ≊ 00 ມີ
	hir, excepting the lands inclu in H.E.S. Nos. All, excepting lands included	the lands incl in H.E.S. Nos. and 288. All, excepting the lands incl in H.E.S. No. All, excepting the lands incl in H.E.S. Nos. and 289.	All, excepting	ption (Continued) 9: All 0: All 2: All 2: All
	and 37 H.E.S.	uded 286 285. 285. 284	2535.69	No. of Acres 1786.72
	18. No. 285.	7-1-49 5 yrs.	SF 079489	Serial No. and Lease Date 10-1-48 5 yrs.
		12 <u></u> 2% A11	U.S.A.	Land Owner Percentage of Royalty 122% All
			J.K.	Recor of Le Appli W. H.
			Rigsbee	Record Owner of Lease or Application W. H. Sparks
otal 4	% Everyn G.Brown & James Algernon Brown .459 Forrest B.Miller .383 W.E. Alsup .383 T.H. McElvain .766 J B Abercrombie .459	.A. Romero pe Quinn nega Quinn .B. Stern .O. Pool .O. Pool velyn Ellen Wallac velyn Ellen Brown ines Algernon Brown rustees under the ill & Testament of prnon W.Brown, dece	R.P. Tinnin .057	Overriding Royalty Owner and Percentage R.P. Tinnin .057 M.A. Romero .547 Joe Quinn .173 N.B. Stern .459 H.O. Pool .173 Prustees under the Last Will & Testament of A1- gernon W.Brown, deceased, & Evelyn G. Brown & James Algernon Brown .459 Forrest B. Miller .383 W.E. Alsup .383 T.H. McElvain .766 J.R. Abercrombie .459
		El Paso Natural Gas Co. All Oil Rights before payout : General American Oil Co. All Gas Rights after payout: El Paso Natural Gas 56.25% General American Oil 18.75% ORI Owners in % shown 25.00% ORI American Oil 75.00%	Gas Rights before payout:	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest Gas Rights before payout: El Paso Natural Gas Co. Gas Rights before payout: Gas Rights after payout: El Paso Natural Gas 56.25% General American Oil 18.75% ORI Owners in % shown 25.00% ORI Owners in % shown 25.00%

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19 FEDERAL LAND TRACTS - 23,433.52 acres

Sec. 33: Lots 1,2, N/2 SE/4 Sec. 34: S/2 Sec. 35: Lots 1,2,3,4, 5,6, N/2 SE/4 Sec. 36: Lots 4,5,6,7	T-31-N. R-4-W	the lands included in H.E.S. No. 287.	ERAL LANDS (Continued) O-N, R-4-W Sec. 23: All, excepting	Tract Intion
848.09 SF 079603 8-1-49 5 yrs.		1 7-1-49 5 yrs.	4	Serial No. No. of and Acres Lease Date
U.S.A. Pacific Northwest 12½% All Pipeline Corp.		12 <u>5</u> % All	U.S.A.	Land Owner Record Owner Percentage of Lease or of Rovalty Application
rest Brookhaven Oil Co.3.500% R.M. Torrance .500% Ernest H.Peterson 1.000% Total 5.000%	& Evelyn G.Brown & James Algernon Brown .459 Forrest B.Miller .383 W.E. Alsup .383 T.H. McElvain .766 J.R. Abercrombie .459 Total 4.375%	M.A. Romero .547 Joe Quinn .230 Omega Quinn .173 N.B. Stern .459 H.O. Pool .459 Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Al- gernon W.Brown,deceased,		Overriding Royalty Owner and Percentage
To Base of MV: Pacific Northwest All Below Base of MV: *Phillips Petroleum All	- , -	El Paso Natural Gas Co. All Oil Rights before payout: General American Oil Co. All Gas Rights after payout: El Paso Natural Gas 56.25% General American Oil 18.75% ORI Owners in % shown 25.00% ORI American Oil 75.00% ORI Owners in % shown 25.00%	Rights before payout :	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Page 11

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22		21	20	Tract No.
T-30-N, R-4-W H.E.S. 287	T-30-N & 31-N, H.E.S. 283 H.E.S. 279 T-31-N, R-4-W H.E.S. 290	T-30-N, R-4-W H.E.S. 368 H.E.S. 368 H.E.S. 292 H.E.S. 291 H.E.S. 286 H.E.S. 285 H.E.S. 280 H.E.S. 278	PATENTED LANDS <u>T-30-N</u> , R-4-W 20 H.E.S. 289	Description
120.89	$\frac{R-4-W}{159.09}$ 159.14 76.56	127.06 159.91 99.40 153.39 159.18 157.02 133.22 96.55	82.40	No. of Acres
12-29-47 10 yrs.		12-29-47 10 yrs.	12- 24-47 10 yrs.	Serial No. and Lease Date
J. Denton Simms, Trustee, Estate of Emmet Wirt, 12½% All		J.Denton Simms, Trustee, Estate of Emmet Wirt, 12½% All	Horace F. & Elmyra K. McKay 12½% All	Land Owner and Percentage of Royalty
Stanolind Oil & Gas Co., Blackwood & Nichols Co., El Paso Natural Gas Co., Pacific Northwest Pipeline Corp.		Pacific Northwest Pipeline Corp.	Pacific Northwest Pipeline Corp.	Record Owner of Lease or Application
Stanolind Oil & Gas Co., 1/8 of 7/8 to base of PC Formation.		None **	None **	Overriding Royalty Owner and Percentage
On that part lying in the SE/4 of unsurveyed Sec.14: Gas Rights to base of PC: El Paso Natural Gas Co. All Oil Rights to base of PC; Blackwood & Nichols All Gas Rights below base of PC to base of Mesaverde: Pacific Northwest All		To Base of Mesaverde: Pacific Northwest All Below Base of Mesaverde: Stanolind Oil & Gas Co. All	To Base of Mesaverde: Paçific Northwest All Below Base of Mesaverde: Stanolind Oil & Gas Co. All	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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April 1, 1956

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Pacific Northwest All All Rights below base of MV: Stanolind Oil & Gas Co. All On that part lying in the NE/4 of unsunveyed Sec.14:

									24	N ຜ	2	PATENT	Tract No.
				west	** Subject	* Subject t Pipeline		H.E.S. 378 H.E.S. 386 H.E.S. 388	T-30-N, R-4-W H.E.S. 288	<u>T-30-N, R-4-W</u> H.E.S. 284	(continued from	PATENTED LANDS (Continued)	Description
Patented Land	State L	Federal Land		Pipeline (ť	0. 0. 0.		97.20 135.10 106.79	154,93	144.84	from Page 12)	ed)	No. of Acres
d Land	Land	Land		Corporation w	Sales Contract an	lease and Open ration wherein	5 PATI		Unleased	8-8-49 10 yrs,	•		Serial No. and Lease Date
5 24	0	19	Number of Tracts	west Pipeline Corporation wherein Pacific Northwest R C A P I	and Operating Agreement dated March 16,	to Sublease and Operating Agreement dated February Corporation wherein Pacific Northwest assigns to I	PATENTED LAND TRACTS -			Fred M. Bixler 12½%			Land Owner and Percentage of Royalty
2,322.67 25,756.19	None	23,433.52	Acreage	assigns to TULATI	ent dated March 16, 19	uary 23, to Phill	2,322.67 acres			Forrest B. Miller			Record Owner of Lease or Application
9.0179%	None	90.9821%	Percentage	Stanolind 82½% override on oil to t	0i1 &	mary 23, 1955, between Phillips Petroleum Company and Pacific Northwest to Phillips $82\frac{1}{2}\%$ override on oil to base of Mesaverde formation.				None	*		Overriding Royalty Owner and Percentage
				base oI Mesaverde Iormation.	Gas Company and Pacific North-	Company and Pacific Northwest of Mesaverde formation.				Forrest B. Miller All	All Rights to base of MV: Pacific Northwest All All Rights below base of MV: Stanolind Oil & Gas Co. All		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

P. O. Box 6721 Roswell, New Mexico

February 8, 1956

El Faso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. R. L. Hamblin

Gentlemen:

Your plan of development dated December 23, 1955, for the San Juan 30-4 Unit, New Mexico, for the calendar year 1956, has been approved on this date subject to like approval by the appropriate State of New Mexico officials.

One approved copy of the plan is enclosed.

Very truly yours,

JOHN A. ANDERSON Regional Oil & Cas Supervisor

Enclosure

Copy to: Wash (w/copy of plan) Comm. of Public Lands, Santa Fe (Ltr. only) Oil Cons. Comm., Santa Fe (Ltr. only)

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

January 30, 1956

El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. R. L. Hamblin

Re: San Juan 30-4 Unit Rio Arriba County, New Mexico 1956 Drilling Program

Gentlemen:

This is to advise that the Drilling Program for calendar year 1956 for the San Juan 30-4 Unit Area, dated December 23, 1955 has this date been approved by the New Mexico Oil Conservation Commission, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

W. B. Macey Secretary-Director

WBM: jh cc: U. S. Geological Survey, Roswell Commissioner of Public Lands, Santa Fe

CN 5

Unit Division

January 17, 1956

fie

El Paso Natural Gas Company El Paso, Texas

Rei (San Juan 30-4 Unit) Rio Arriba County, N. Mex. 1956 Brilling Program

Gentleman:

We are enclosing one copy of the San Juan 30-4 Unit 1956 Drilling Program, which was approved by the Commissioner of Public Lands as of January 17, 1956, subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Very truly yours,

E. S. WALKER Commissioner of Public Lands

MMR/m snc: 1

cc: USGS-Roswell OCC-Santa Fe

El Paso Natural Gas Company

El Paso, Texas

December 23, 1955

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit # 14-08-001-1056 Rio Arriba County, New Mexico 1956 DRILLING PROGRAM

Gentlemen:

By letter dated December 28, 1954, El Paso Natural Gas Company, as Unit Operator, filed a drilling program regarding the above captioned Unit for the calendar year 1955. This drilling program was approved by the United States Geological Survey, Commissioner of Public Lands of the State of New Mexico, and Oil Conservation Commission of the State of New Mexico.

There were two (2) wells that were to be drilled on this program. They were to be located in the SE/4 of Section 16 and the SW/4 of Section 16, Township 30 North, Range 4 West. The San Juan 30-4 #8 Well located in the SE/4 of Section 16 was spudded on May 23, 1955 and completed on June 15, 1955 at a total depth of 4412 feet. After being shut-in for gauge for fourteen (14) days the well was tested on June 29, 1955 and gauged an IP of 25,000 MCFGPD. This well was included in the Third Expanded Participating Area effective July 1, 1955.

The San Juan 30-4 #9 Well located in the SW/4 of Section 16, Township 30 North, Range 4 West was spudded on June 18, 1955 and completed on July 12, 1955 at a total depth of 4460 feet. After being shut-in for gauge for nine (9) days, the well was tested on July 21, 1955 and gauged an IP of 426 MCFGPD. On the basis of its low IP the well was declared non-commercial on July 21, 1955.

By letter dated April 22, 1955, El Paso Natural Gas Company, as Unit Operator of the San Juan 30-4 Unit, filed an Amended Drilling Program for 1955 which was approved by the United States Geological Survey, Commissioner of Public Lands of the State of New Mexico, and the Oil Conservation Commission of the State of New Mexico. This amended drilling program called for the drilling of the two above mentioned wells and also called for an additional Mesaverde test well to be drilled in the W/2 of Section 27, Township 30 North, Range 4 West. This well was the San Juan 30-4 #10 Well which was spudded on July 16, 1955 and reached a total depth of 6795 feet. The Mesaverde formation was tested and found nonproductive and the well was completed in the Pictured Cliffs formation on November 3, 1955 after being plugged back to a total depth of 4400 feet. After being shut-in for gauge for seven (7) days, the well was tested on November 10, 1955 and gauged an IP of 434 MCFGPD. Due to its low IP the #10 Well was declared non-commercial on November 10, 1955.

During the calendar year 1955, El Paso Natural Gas Company, as Unit Operator, reworked three (3) wells which were included on the amended drilling program. They were the San Juan 30-4 #2, #3, and #5 Wells. El Paso Natural Gas Company felt that the potential of these wells could be increased by workovers.

The San Juan 30-4 #2 Well located in the E/2 of Section 19, Township 30 North, Range 4 West was drilled by El Paso Natural Gas Company. The well was spudded on June 28, 1952, and drilling was finished on August 2, 1952, after circulation was lost at 6748 feet. Work was commenced again on August 3, 1952, and on October 4, 1952, the well gauged a natural potential of 10 m.c.f. from the Mesaverde formation. On October 6, 1952, after gauging a potential of 27 m.c.f., the well was shot with 1100 quarts of nitroglycerine. After being shot, the well then gauged a potential of 80 m.c.f. On November 18, 1953 the well was temporarily abandoned in the Mesaverde formation. Work commenced again on June 9, 1955 and the well was completed in the Pictured Cliffs formation on June 21, 1955 after being plugged back to a total depth of 4400 feet. The Pictured Cliffs formation between 4248 feet and 4300 feet was treated with a sand-oil fracturing process. The well was shut-in for gauge for eight (8) days and then tested on June 29, 1955 at which time it gauged an IP of 970 m.c.f. The well was included in the San Juan 30-4 Third Expanded Participating Area effective July 1, 1955.

The San Juan 30-4 #3 Well located in the E/2 of Section 29, Township 30 North, Range 4 West was spudded on July 17, 1953 and completed on August 17, 1953 in the Pictured Cliffs formation. The well was drilled to a total depth of 4100 feet. After testing the well gauged a potential of 232 m.c.f. and on September 11, 1953 the well was included in the Initial Participating Area for the Pictured Cliffs Formation. Reworking operations on this well were commenced again on June 24, 1955 and the well was recompleted on June 28, 1955. The Pictured Cliffs formation between 4025 feet and 4100 feet was treated with a sand-oil fracturing process. After being shut-in for gauge for sixteen (16) days the well was tested on July 14, 1955 and gauged an IP of 869 m.c.f.

The San Juan 30-4 #5 Well located in the W/2 of Section 9, Township 30 North, Range 4 West was spudded on September 26, 1953, and was completed in the Pictured Cliffs formation on October 27, 1953 after reaching a total depth of 4300 feet. After gauging a potential of 108 m.c.f., the well was determined non-commercial on January 6, 1954. Reworking operations were commenced again on June 29, 1955 and the well was recompleted on July 2, 1955. On July 1, 1955 the Pictured Cliffs formation between 4223 feet and 4290 feet was treated with a sand-oil fracturing process. The well was shut-in for gauge and tested on July 21, 1955 and then retested on August 10, 1955 gauging a potential of 919 m.c.f. The well was then declared commercial and was included in the Fourth Expanded Participating Area effective September 1, 1955.

Therefore, with the completion and reworking of these wells, the 1955 Drilling Program has been satisfied.

There was a total production of 47,530 m.c.f. in the San Juan 30-4 Unit from January 1, 1955 through October 31, 1955. The total value in sales, including natural gas, gasoline, butane, propane and condensate, was \$4,874.81.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of its Drilling Program for the calendar year 1956, consisting of four (4) wells to be drilled to the Pictured Cliffs formation; such Drilling Program to constitute all of our drilling obligations for such year. The proposed drilling blocks are as follows:

DRILLING BLOCK

FORMATION

E/2	Section 8	T-30-N, R-4-W	Pictured Cliffs
W/2	Section 8	T-30-N, R-4-W	Pictured Cliffs
₩/2	Section 15	T-30-N, R-4-W	Pictured Cliffs
E/2	Section 21	T-30-N, R-4-W	Pictured Cliffs

El Paso Natural Gas Company, as Unit Operator, intends to drill the wells listed above to the base of the Pictured Cliffs formation using rotary and cable tools. Surface casing of 9-5/8'' will be set to approximately 100 feet from the surface, and then a production string of 5-1/2'' casing will be set on top of the Pictured Cliffs formation. Mud will be used in drilling to the top of the Pictured Cliffs formation and the Pictured Cliffs formation will be drilled in with cable tools. The entire Pictured Cliffs formation will be subjected to a hydraulic fracturing process. Due care will be taken to protect all horizons.

El Paso Natural Gas Company, as Unit Operator, will comply with any requirements set out by the United States Geological Survey for additional drilling and will also protect the Unit from drainage.

All the Working Interest Owners have been contacted and this reflects their requests for additional drilling.

If this program is acceptable, please signify your approval of this drilling program as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Very truly yours,

EL PASO NATURAL GAS COMPANY

R. L. Hamb By

Manager Lease Department

RLH:BG:rb

A PPROVED:

DATE:_____ Director, United States Geological Survey

Subject to like approval by the appropriate State officials.

APPROVED: Commissioner of Public Lands _____ DATE : ____

Subject to like approval by the U.S.G.S. and Oil Conservation Commission.

DATE: JAN 8 0 1956 APPROVED:

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

PLEASE RETURN TO LEASE DEPARTMENT

Re: San Juan 30-4 Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mr. G. E. Benskin Phillips Petroleum Company 508 Bank Building Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico

Pacific Northwest Pipeline Corporation 720 Simms Building Albuquerque, New Mexico

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York Mr. C. F. Bedford Stanolind Oil and Gas Company Post Office Box 1410 Fort Worth, Texas

Mr. W. N. Little Blackwood and Nichols Company 1313 Liberty Bank Building Oklahoma City, Oklahoma

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn P. O. Box 896 Albuquerque, New Mexico

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Carl H. Gilbert, Morey Goodman, Anita S. Friedman, Co-Executrix and Executor of the Estate of N. B. Stern, deceased Bishop Building Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Iexas

December 14, 1955

Director United States Geological Survey Department of the Interior Washington, D. C.

file

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit # 14-08-001-1056 Rio Arriba County, New Mexico Non-Commercial Well (Well #10) Pictured Cliffs Formation Determined on November 10, 1955

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 30-4 Unit Agreement, No. 14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on November 10, 1955, that the following described well was not capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation.

> The San Juan 30-4 # 10 Well is located 1650' from the North line and 1550' from the West line of Section 27, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on July 16, 1955 and reached a total depth of 6795'. This well was then completed on November 3, 1955 after being plugged back to a total depth of 4400' in the Pictured Cliffs Formation. The Pictured Cliffs Formation between 4102' and 4400' was treated with an aqua-frac process on November 1, 1955. After being shut-in for gauge for seven (7) days, the well was tested on November 10, 1955, and after a three hour blow-down gauged an IP of 434 MCFGPD with an SIPC of 1053# and an SIPT of 1052#. The committed drilling block upon which this well is located is described as the W/2 of Section 27, Township 30 North, Range 4 West, N.M.P.M., containing 320 acres, more or less.

Inasmuch as this determination needs no official approval no provision is made therefor, and in the absence of disapproval, this well will continue to be considered non-commercial.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

melin By R. L. Hamblin

Manager Lease Department

RLH:BG:eb

El Paso Natural Gas Company

El Paso, Jexas October 4, 1955

Director United States Geological Survey Department of the Interior Washington, D. C.

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Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: (San Juan 30-4 Unit) No. 14-08-001-1056 Rio Arriba County, New Mexico Fourth Expanded Participating Area Pictured Cliffs Formation Effective September 1, 1955

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 30-4 Unit Agreement, No. 14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on August 10, 1955, that one additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation has been completed upon acreage committed to this Unit and the Participating Area for the Pictured Cliffs Formation is accordingly expanded. This well is as follows:

> The San Juan 30-4 #5 Well located 1589' from the South line and 941' from the West line of Section 9, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on September 26, 1953, and was declared non-commercial on January 6, 1954. The well was reworked on June 29, 1955, and completed on July 2, 1955, and has a total depth of 4300'. The Pictured Cliffs Formation was sand-oil fractured between 4223' and 4290' on July 1, 1955. After being shut in for gauge for 39 days, the well was tested on August 10, 1955, and after a three hour blow-down gauged an IP of 919 MCFGPD with an SIPC of 1188# and an SIPT of 737#. The committed drilling block upon which this well is located is described as the W/2 of Section 9, Township 30 North, Range 4 West, N.M.P.M., containing 320.00 acres.

Attached is Schedule V showing the Fourth Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Expanded Participating Area will become effective as of September 1, 1955.

Copies of this letter and schedule are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Hamblin By

Manager Lease Department

RLH:BG:rb cc: Attached list Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mr. G. E. Benskin Phillips Petroleum Company 10 West Wing, Phillips Building Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. R. N. Richey Pacific Northwest Pipeline Corporation 720 Simms Building Albuquerque, New Mexico Mr. C. F. Bedford Stanolind Oil and Gas Company Post Office Box 1410 Fort Worth, Texas

Mr. Kenneth McAfee Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City, Oklahoma

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn P. O. Box 896 Albuquerque, New Mexico

Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

San Juan 30-4 # 8 Well	SF 079485	San Juan 30-4 # 5 Well	SF 079483-A	SER IAL NUMBER
Sec. 16: E/2	T-30-N, R-4-W Sec. 16: E/2	Sec. 9: W/2	T-30-N, R-4-W Sec. 9: W/2	DRILLING BLOCK
320.00	320.00	320.00	320.00	NUMBER OF ACRES
	Tract 9Royalty;12.50%Working Interest:12.50%El Paso Natural Gas Co.;82.50%ORRI;5.00%100.00%100.00%		Tract 5Royalty;12.50%Working Interest:12.50%El Paso Natural Gas Co.;83.125%ORRI;4.375%100.000%	DRILLING BLOCK OWNERSHIP AND PERCENTAGE
100.00%	12.50% 82.50% 5.00%	100.000%	12.50% 83.125% 4.375%	COMMI TTED
14.95998%	14.95998%	14.95998%	14.95998%	PRESENT ACTUAL PARTICIPATION

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SCHEDULE V FOURTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

Effective September 1, 1955

Well	SF 079485-A San Juan 30-4	# 7 Well		SERIAL NUMBER
Sec. 18: W/2	T-30-N, R-4-W Sec. 18: W/2	Sec. 18: 172		DRILLING BLOCK
219.04	219.04	320,00		NUMBER OF ACRES
	Royalty; 12.50% Working Interest: El Paso Natural Gas Co.; 82.50% ORRI; TOTAL 100.00%	Tract 10	Royalty; 12.50% Working Interest: El Paso Natural Gas Co.; 82.50% ORRI; TOTAL 100.00%	DRILLING BLOCK OWNERSHIP AND PERCENTAGE Tract 10
100.00%	12.50% 82.50% 5.00%	100.00%	12.50% 82.50% 5.00%	COMMITTED
10,24012%	10.24012%	14.95998%		PRESENT ACTUAL PARTICIPATION 14.95998%

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SCHEDULE V FOURTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

Effective September 1, 1955

Effective September	San Juan 30-4 # 2 ₩ell	SF 079487 -A		San Juan 30-4 # 4 ₩ell		SF 079486	SERIAL NUMBER
mber 1, 1955	Sec. 19: E/2	T-30-N, R-4-W Sec. 19: E/2		Sec. 27: E/2		F-30-N, R-4-W	DRILLING BLOCK
	320.00	320.00		320.00		320.00	NUMBER OF ACRES
PACE 3		Royalty; 12.50% Working Interest: 12.50% El Paso Natural Gas Co.; 83.125% ORRI; 4.375% TOTAL 100.000%	Tract 14		Working Interest: El Paso Natural Gas Co.; 83.125% ORRI; TOTAL 100.000%	Tract 12	DRILLING BLOCK OWNERSHIP AND PERCENTAGE
	100.000%	.2.50% 12.50% 13.125% 83.125% 4.375% 4.375% 00.000% 100.000%		100,000%	25% 83.125% 375% 4.375% 100.000%		TAGE COMMITTED
	14.95998%	14.95998%		14,95998%	1	14,95998%	PRESENT ACTUAL PARTICIPATION

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SCHEDULE V FOURTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

San Juan 30-4 # 3 Well	SF 079488-A	SERIAL NUMBER
Sec. 29: E/2	T-30-N, R-4-W Sec. 29: E/2	DRILLING BLOCK
320.00	320.00	NUMBER OF ACRES
	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	DRILLING BLOCK OWNERSHIP AND Tract 16
	12.50% 83.125% 4.375% 100.000%	PERCENTAGE
100.000%	12.50% 83.125% 4.375%	COMMI TTED
14.95998%	14.95998%	PRESENT ACTUAL PARTICIPATION

SCHEDULE V FOURTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

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Effective September 1, 1955

FOURTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA SCHEDULE V

RECAPITULATION

Description of lands in Participating Area: Township 30 North, Range 4 West, N.M.P.M. Section 9: W/2 Section 18: All Sections 16, 19, 27, 29: E/2 Total number of acres in Participating Area: 2139.04

Percent of Basic Royalty committed: Percent of Working Interest committed:

100.00%

Percent of O.R.R.I. committed:

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El Paso Natural Gas Company

El Paso. Texas

August 26, 1955

Director United States Geological Survey Department of the Interior Washington, D. C. Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Re: (San Juan 30-4 Unit/No. 14-08-001-1056 Rio Arriba County, New Mexico Non-Commercial Well (Well # 9) Pictured Cliffs Formation Determined on July 21, 1955

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 30-4 Unit Agreement, No. 14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on July 21, 1955, that the following described well was not capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation.

> The San Juan 30-4 Unit # 9 Well, located 990' from the South line and 1650' from the West line of Section 16, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on June 18, 1955 and completed on July 12, 1955, at a total depth of 4460' in the Pictured Cliffs Formation. The Pictured Cliffs Formation between 4252' and 4460' was treated with a sand-oil fracturing process on July 11, 1955. After being shut-in for gauge for nine (9) days, the well was tested on July 21, 1955, and after a three hour blow-down gauged an IP of 426 MCFGPD with an SIPC of 1250# and an SIPT of 1250#. The committed drilling block upon which this well is located is described as the W/2 of Section 16, Township 30 North, Range 4 West, N.M.P.M., and consists of 320.00 acres.

Inasmuch as this determination needs no official approval, no provision is made therefor, and in the absence of disapproval, this well will continue to be considered non-commercial.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

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Hamelin By___

R. L. Hamblin Manager Lease Department

RLH:BG:rb cc: Attached list

El Paso Natural Gas Company

El Paso, Texas August 23, 1955

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

se

Re: San Juan 30-4 Init No. 14-08-001-1056 Rio Arriba County, New Mexico Third Expanded Participating Area Pictured Cliffs Formation Effective July 1, 1955

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 30-4 Unit Agreement, No. 14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on June 29, 1955, that two additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation had been completed upon acreage committed to this Unit and the participating area for the Pictured Cliffs formation is accordingly expanded.

These wells are as follows:

The San Juan 30-4 #2 well located 667' from the North line and 833' from the East line of Section 19, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on June 28, 1952, and was temporarily abandoned on November 18, 1953, at a total depth of 6748'. The well was reworked on June 9, 1955 and completed June 21, 1955, and the well was plugged back to a total depth of 4400'. The Pictured Cliffs formation was sand-oil fractured between 4248' and 4300' on June 19, 1955. After being shut in for gauge for 8 days, the well was tested on June 29, 1955, and after a 3 hour blow-down gauged an IP of 970 MCFGPD with an SIPC of 1160# and an SIPT of 1160#. The committed drilling block upon which this well is located is described as the E/2 of Section 19, Township 30 North, Range 4 West, N.M.P.M., containing 320.00 acres.

The San Juan 30-4 #8 well located 990' from the South line and 990' from the East line of Section 16, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on May 23, 1955, and completed on June 15, 1955, at a total depth of 4412[']. After being shut in for gauge for 16 days, the well was tested on June 29, 1955. Due to the fact that this well was such a large well and we did not want to blow this well unrestrictedly to the atmosphere as is done in regular open flow test, we ran a back pressure test through the tubing. This well had a calculated absolute open flow of 25,000 MCF on such back pressure test. The well had an SIPC of 1171# and an SIPT of 1171#. The committed drilling block upon which this well is located is described as the E/2 of Section 16, Township 30 North, Range 4 West, N.M.P.M., containing 320 acres.

Attached is Schedule IV showing the Third Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the expanded participating area, shows the percentage of unitized substances allocated to each unitized tract and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval no provision is made therefor, and in the absence of disapproval, this expanded participating area will become effective as of July 1, 1955.

Copies of this letter and schedule are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

amblin

R. L. Hamblin Manager Lease Department

RLH/BG/eb

cc: Attached List

-2-

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. William P. Barnes General American Oil Company of Texas Meadows Building Dallas 6, Texas

Mr. G. E. Benskin Phillips Petroleum Company 10 West Wing, Phillips Building Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. R. N. Richey Pacific Northwest Pipeline Corporation 720 Simms Building Albuquerque, New Mexico Mr. C. F. Bedford Stanolind Oil and Gas Company Post Office Box 1410 Fort Worth, Texas

Mr. Kenneth McAfee Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City, Oklahoma

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn P. O. Box 896 Albuquerque, New Mexico

Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

,	San Juan 30-4 #8 Well		SF 079485	SERIAL NUMBER	
	Sec. 16: E/2		T-30-N, R-4-W Sec. 16: E/2	THIRD EXPAND DRILLING BLOCK	
	320.00		320,00	DED PARTICIPA SAN JU NUMBER OF ACRES	
		Working Interest: El Paso Natural Gas Co. ORRI; TOTAL	Tract 9 Rovalty:		SCHEDULE IV
		82.50% 5.00%	12.50%	CLIFFS FORMATION PERCENTAGE CO	
	100.00%	82.50% 5.00%	12.50%	ATION COMMITTED	
	17.59170%		17.59170%	PRESENT ACTUAL PARTICI PATION	

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Effective July 1, 1955

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San Juan 30-4 #7 Well	SF 079485-Å	SERIAL NUMBER
Sec. 18: E/2	T-30-Ñ, R-4-W Sec. 18: E/2	THIRD EXPAND
320.00	320.00	ED PARTICIPA SAN JU OF ACRES
	Tract 10 Royalty; Working Interest: El Paso Natural Gas Co. ORRI; TOTAL	THIRD EXPANDED PARTICIPATING AREA FOR THE PICTURED CL. SAN JUAN 30-4 UNIT AREA UNIT AREA NUMBER OF ACRES OWNERSHIP AND PE
	12.50% 82.50% 5.00%	CLIFFS FORMATION PERCENTAGE CO
100.00%	12,50% 82,50% 5,00%	COMMITTED
17.59170%	17.59170%	PRESENT ACTUAL PARTICIPATION

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Effective July 1, 1955

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San Juan 30-4 #1 Well	SF 079485-A	SERIAL NUMBER
Sec. 18: \/2	T-30-N, R-4-W Sec. 18: W/2	DRILLING BLOCK
219.04	219.04	NUMBER OF ACRES
	Tract 10 Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL	DRILLING BLOCK OWNERSHIP AND
	12.50% 82.50% 5.00%	PERCENTAGE
100.00%	12.50% 82.50% <u>5.00%</u> 100.00%	COMMITTED
12.04150%	12.04150%	PRESENT ACTUAL PARTICIPATION

SCHEDULE IV THIRD EXPANDED FARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

Effective July 1, 1955

San Juan 30-4 #4 Well	SF 079486	SERIAL NUMBER
Sec. 27: E/2	<u>T-30-N, R-4-W</u> Sec. 27: <u>E/2</u>	THIRD EXPANI
320.00	320.00	DED PARTICIPA SAN JU ANNBER OF ACRES
	Tract 12Royalty;12.50%Working Interest:12.50%El Paso Natural Gas Co.;83.125%ORRI:4.375%TOTAL100.000%	URED
100.000%	% 5% 5% 12.50% 5% 83.125% <u>4.375%</u> <u>100.000%</u>	CLIFFS FORMATION PERCENTAGE COMMITTED
17.59170%	17.59170%	PRESENT ACTUAL PARTICIPATION

Effective July 1, 1955

San Juan 30-4 #2 Well	SF 079487-A	SERIAL NUMBER
Sec. 19: E/2	T-30-N, R-4-W Sec. 19: E/2	DRILLING BLOCK
320.00	320.00	NUMBER OF ACRES
<i>,</i>	Tract 14 Royalty; Working Interest: El Paso Natural Gas Co. ORRI; TOTAL	DRILLING BLOCK OWNERSHIP AND
	12.50% 83.125% 4.375%	PERCENTAGE
100.00%	12.50% 83.125% 4.375% 100.000%	COMMITTED
17.59170%	17.59170%	PRESENT ACTUAL PARTICIPATION

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SCHEDULE IV THIRD EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

PAGE 5

Effective July 1, 1955

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San Juan 30-4 #3 Well	SF 079488-A	SERIAL NUMBER
Sec. 29: E/2	T-30-N, R-4-W Sec. 29: E/2	THIRD EXPAND DRILLING BLOCK
320.00	320.00	ED PARTICIPA SAN JU NUMBER OF ACRES
	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI: TOTAL	SCHEDULE IV THIRD EXPANDED PARTICIPATING AREA FOR THE PICTURED SAN JUAN 30-4 UNIT AREA LING BLOCK OF ACRES OWNERSHIP AND Tract 16
	12.50% 83.125% <u>4.375%</u> 100.000%	CLIFFS FORMATION PERCENTAGE CO
100.00%	12.50% 83.125% <u>4.375%</u> 100.000%	TION COMMITTED
17.59170%	17.59170%	PRESENT ACTUAL PARTICIPATION

Effective July 1, 1955

THIRD EXPANDED PARTICIPATING AREA FOR THE FICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA SCHEDULE IV

RECAPITULATION

Description of lands in Participating Area. Township 30 North, Range 4 West, N.M.P.M. Section 18: All Sections 16, 19, 27, 29: E/2 Total number of acres in Participating Area: 1819.04 Percent of Basic Royalty committed: 100.00%

Percent of O.R.R.I. committed:

100.00%

Percent of Working Interest committed:

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Effective July 1, 1955

El Paso Natural Gas Company

El Paso, Texas

May 12, 1955

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Re: San Juan 30-4 Unit Area #14-08-001-1056 Rio Arriba County, New Mexico Notice of Approval of Amended Plan of Development for the

Calendar Year 1955

Airc

Gentlemen:

This is to advise that the Amended Plan of Development for the San Juan 30-4 Unit Area for the calendar year 1955 was approved as follows:

- 1. Regional Supervisor, United States Geological Survey, April 29, 1955
- 2. Commissioner of Public Lands, State of New Mexico, May 3, 1955
- 3. Oil Conservation Commission, State of New Mexico, May 2, 1955

Very truly yours,

EL PASO NATURAL GAS COMPANY

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Area Landman Lease Department

A. and

C.L CONSERVATION COMMISS. N P. O. BOX 871 SANTA FE, NEW MEXICO

May 2, 1955

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El Paso Natural Gas Company P. O. Box 1492 El Paso, Texas

Attention: Mr. R. L. Hamblin

Re: San Juan 30-4 Unit Rio Arriba County, N. M. 1955 Amended Plan of Development

Gentlemen:

This is to advise that the Amended Plan of Development for the above-captioned unit, dated April 22, 1955, has this date been approved by the New Mexico Oil Conservation Commission, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

In addition to the proposed wells, adequate offset wells must be drilled to protect the unit from drainage as provided in the unit agreement.

One approved copy of said plan is returned herewith.

Very truly yours,

W. B. Macey Secretary-Director

WBM:jh

cc: USGS, Roswell Commissioner of Public Lands, Santa Fe

IN REPLY REFER TO:



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

> P. O. Box 6721 Roswell, Yew Mexico

> > April 29, 1955

El Laso Natural Gas Company P. O. Box 1492 El Paso, Texas

Gentlement

The amended plan of development dated April 22, 1955, for the San Juan 30-4 unit area, New Mexico, No. 14-08-001-1056 has been approved on this date, subject to like appropriate State officials.

In addition to the proposed wells listed in the plan of development, adequate offset wells must be drilled to protect the unit area from drainage as provided in the unit agreement.

One approved copy of said plan is returned herewith.

Very truly yours,

JOHN A. ANDERSON Regional Oil and Gas Supervisor

Copy to: Cons. Div., Wash. (w/l copy of plan) Farming ton (w/l copy of plan) NMOCC, Santa Fe (ltr only)

El Paso Matural Gas Company

El Paso, Texas

April 22, 1955

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

spraved 5/3/55

Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico Amended Drilling Program 1955

Gentlemen:

-. . . .

On December 28, 1954, El Paso Natural Gas Company, as Unit Operator, submitted for your approval a Drilling Program for the calendar year 1955, for the San Juan 30-4 Unit Area. By letters dated February 4, 1955, and February 10, 1955, respectively, the United States Geological Survey and the New Mexico Oil Conservation Commission, accepted the Drilling Program and required an Amended Plan be filed on or before April 15, 1955. By letter dated April 18, 1955, the United States Geological Survey extended the time for filing this Amended Drilling Program until May 15, 1955.

All working interest owners in this Unit have been contacted for the purpose of complying with these requests, and El Paso Natural Gas Company, as Unit Operator, now submits for your approval an amended Drilling Program for the calendar year 1955, providing for the drilling of three (3) Mesaverde wells, unless as stated above, production in paying quantities is found at a lesser depth, and the reworking and recompletion of three (3) additional wells. These wells are to be drilled on the following locations:

> E/2 Section 16, T-30-N, R-4-W W/2 Section 16, T-30-N, R-4-W W/2 Section 27, T-30-N, R-4-W

These wells will be drilled in accordance with your operating regulations and due care will be taken to protect known horizons.

The San Juan 30-4 #2 Well located in the E/2 of Section 19, T-30-N, R-4-W, was / drilled by El Paso Natural Gas Company. This well was spudded on June 28, 1952, and drilling was finished on August 2, 1952, after circulation was lost at 6748 feet. Work

was commenced again on August 3, 1952, and October 4, 1952, the well gauged a natural potential of 10 MCF. On October 6, 1952, after gauging a potential of 27 MCF the well was shot with 1100 quarts of nitroglycerine. After being shot the well then gauged a potential of 80 MCF. On November 18, 1953, the well was temporarily abandoned in the Mesaverde formation. El Paso Natural Gas Company feels that production of gas in commercial quantities could be obtained in the Pictured Cliffs formation. Subject to your approval we will recomplete this well in the Pictured Cliffs formation by perforating the production string and sand oil fracturing the Pictured Cliffs formation.

The San Juan 30-4 #3 Well located in the E/2 of Section 29, T-30-N, R-4-W, was spudded July 17, 1953, and was completed August 17, 1953. The well was drilled to a total depth of 4100 feet and the pay section between 4035 feet and 4100 feet was shot with 250 quarts of nitroglycerine. After testing the well gauged a potential of 232 MCF and on September 11, 1953, the well was included in the Initial Participating Area. El Paso Natural Gas Company feels that this well can be improved by subjecting the Pictured Cliffs formation to a sand oil fracturing treatment. As this well is in the Participating Area but has a lower potential than the other participating wells El Paso feels an attempt should be made to improve this well. Therefore subject to your approval, El Paso Natural Gas Company will sand oil fracture the Pictured Cliffs formation in an effort to increase the potential.

The San Juan 30-4 #5 Well located in the W/2 of Section 9, T-30-N, R-4-W, was spudded on September 26, 1953, and was completed on October 27, 1953. The well was drilled to a total depth of 4300' and the pay section between 4233' and 4285' was shot with 208 quarts of nitroglycerine. After gauging an Initial Potential of 108 MCF the well was determined non-commercial on January 6, 1954. El Paso Natural Gas Company feels that this well might be commercial if the Pictured Cliffs formation was subjected to a sand oil treatment. Subject to your approval El Paso will also sand-oil fracture the Pictured Cliffs formation of this well in an effort to increase the potential.

It is understood that the Plan of Development herein outlined may be modified from time to time with the approval of the Supervisor, the Commissioner, and the Commission to meet changing conditions.

If this Drilling Program is acceptable, please signify your approval of this Drilling Program as required under Section 10 of the Unit Agreement in the space provided below, and return an approved copy to El Paso Natural Gas Company.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Manager Lease Department

- 2 -

RLH :BG :pb

APPROVED :

Date:

Supervisor, United States Geological Survey

Subject to like approval by the appropriate State officials.

APPROVED :

Date:

Commissioner of Public Lands

Subject to like approval by the U.S.G.S. and Oil Conservation Commission

a wom Date: 5/3/55 APPROVED : Gui 011 Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands

El Paso Matural Gas Company El Paso, Texas

February 28, 1955

TO: ALL WORKING INTEREST OWNERS SAN JUAN 30-4 UNIT

Re: 1955 Drilling Program

Gentlemen:

By copies of the enclosed letters from the United States Geological Survey and the New Mexico Oil Conservation Commission, we have been advised that our proposed 1955 drilling program for the above unit has been only conditionally approved, and that additional wells must be drilled in 1955 and an amended plan of development filed.

This letter is to inform you of this situation and inquire whether any working interest owner desires additional wells drilled on his acreage. You have previously advised us, as Unit Operator, that you did not desire any wells drilled on your acreage and the only wells being drilled in the San Juan 30-4 Unit are those on El Paso Natural Gas Company acreage, on which we are obliged to pay the initial drilling cost.

If we must drill additional wells, we feel that some of these wells should be on acreage other than that of El Paso Natural Gas Company. In other words, we do not feel that we should carry the entire load of these unit obligations. We would appreciate hearing from you as soon as possible on this matter.

Perhaps it would be advisable to have a meeting with all of the working interest owners to discuss the drilling of additional wells. In the event no decision is reached, we feel that we will have to put the problem up to the U.S.G.S. and Oil Conservation Commission, and drill such wells at such locations as they select. However, we of course do not want to do this if an agreement can be reached between the working interest owners as to these additional wells which are required to be drilled. We would appreciate your comments as soon as possible.

> Yours very truly, EL PASO NATURAL GAS COMPANY

By R. L. Hamblin, Manager

R. L. Hamblin, Manag Lease Department

OIL JONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 9, 1955

El Paso Natural Gas Co. P. O. Box 1492 El Paso, Texas

Attention: Mr. R. L. Hamblin

fill come 544

Ret San Juan 30-4 Unit Rio Arriba County, New Mexico 1955 Drilling Program

Gentlemen:

This is to advise that the Plan of Development for calendar year 1955, dated December 28, 1954, for the subject unit has this date been accepted by the New Mexico Oil Conservation Commission as minimum compliance with the obligation of unit operator to submit a Plan of Development, pursuant to Article 10 of the Unit Agreement.

This Plan of Development is therefore accepted only on the condition that on or before April 15, 1955, a supplemental Plan of Development be filed, providing for the drilling of a minimum of four development and/or exploratory wells to a depth sufficient to adequately test the Mesaverde formation, unless unitized substances in paying quantities are encountered at lesser depth. In addition, adequate provision must be made to protect the unitized lands from drainage. We feel that due to the large amount of acreage comprising this unit, such a Plan of Development is not unreasonable and should lead to the orderly development of the subject area.

This approval is being granted subject also to the condition that like approval be obtained from the United States Geological Survey and from the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the Plan is herewith returned.

Very truly yours,

W. B. Macey Secretary - Director

WBM:jh

El Paso Natural Gas Company

El Paso, Texas

February 9, 1955

Juli 544

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit Tracts 2, 4, 6, 8, 9, 10 and 13

Gentlemen:

Attached hereto is one (1) copy of Ratification and Joinder of Unit Agreement executed by H. A. Howell, committing his interests to the above captioned Tracts. We ask that you process this in the usual manner in order to effectively commit these interests to the Unit.

Very truly yours,

T. W. Bittick Area Landman Lease Department

TWB/BG/mas Enclosure

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RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Whit Agreement for the Development and Operation of the ALS ALTING Area located within the County of State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

(200年), 皇上 佳 、 尊, 尊,	10, 10 10
ADDRESS	SIGNATURE
素作型性 点的: 海峡 为 整文的研究系	5 fa Nowell
inter Print	H, A. Howell
Date:	
·	
	
Date:	
PROVED AND TONSENTED TO.	
PRÖVED AND CONSENTED TO: ` PASD HEIDRAL GAS COMPANY Vice President	APPROVED AND CONSENTED TO: BLACKROOD & NICHOLE COMPANY
Vice President DRXING INVEREST OWNER	By Clarkwar General Partner
APPROVED AND CONSENTED TO:	WORKING INTEREST OWNER

E. Alsup WORKING INTEREST OWNER STATE OF)) SS.: COUNTY OF)

On this _______, day of ______, 195____, before me appeared ______, to me personally known, who, being by me duly sworn, did say that he is the ______ President of _______ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _______ acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have bereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for_____County,

STATE OF Texas) COUNTY OF Dallas) SS.:

On this 11th day of January , 195 5 , before me appeared

H. A. HOWELL

anack____

MASK MATE, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as that free act he

My Commission expires:

195 5

2.	Alst.
Race	Shelton

Notary	Public	in	and	for
Dall	as			County,
State of	of	exa	s	

STATE OF)	SS.:					
COUNTY OF))	22.:					
	On	this		day	of	 195,	before	me	personally

appeared______, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that_____he executed the same as______free act and deed.

My Commission expires:

VALC: SEE

Notary Public in and for _____County,

State of

El Paso Matural Gas Company El Paso, Texas

January 17, 1955

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Re: San Juan (30-4 Unit No. 14-08-001-1056 Rio Arriba County, New Mexico Second Expanded Participating Area Pictured Cliffs Formation Effective January 1, 1955

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 30-4 Unit Agreement, No. 14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on December 2, 1954, that one additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation had been completed upon acreage committed to this Unit and the participating area for the Pictured Cliffs formation is accordingly expanded.

This well is as follows:

El Paso Natural Gas Company's San Juan 30-4 #7 Well located 800' from the South line and 800' from the East line of Section 18, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on October 27, 1954, and reached a total depth of 4267' in the Pictured Cliffs Formation. The pay section between 4174' and 4267' was treated with a sand-oil fracturing process. After being shut-in for gauge for 12 days, the well was tested on December 2, 1954, and after a three hour blow-down gauged an IP of 657 MCFGPD, with an SIPC of 1228# and an SIPT of 1135#. The committed drilling block upon which this well is located is described as the E/2 of Section 18, Township 30 North, Range 4 West, N.M.P.M., which according to our information consists of 320.00 acres.

you

In comparison with this determination there is one well with a lower Initial Potential already included within the Pictured Cliffs Participating Area. This well being the San Juan 30-4 #3 Well;

Attached is Schedule III showing the Second Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the expanded participating area, shows the percentage of unitized substances allocated to each unitized tract and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval no provision is made therefor, and in the absence of disapproval, this expanded participating area will become effective as of January 1, 1955.

Copies of this letter and schedule are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By KJ R. L. Hamb

Manager Lease Department

RLH/BG/mas

cc: Attached List

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. W. H. Sparks General American Oil Company of Texas 1404 Republic Bank Building Dallas, Texas

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Mr. C. F. Bedford Stanolind Oil & Gas Company P. O. Box 1410 Fort Worth, Texas

Mr. Kenneth E. McAfee Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City 2, Oklahoma

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn Box 896 Albuquerque, New Mexico

Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn Ellen Wallace, Co-trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

San Juan 30-4 #7 Well		SF 079485-A	SERIAL NUMBER
Sec. 18: E/2		<u>T-30-N_p R-4-W</u> Sec. 18: Ε/2	SECON DRILLING BLOCK
320.00		320.00	O EXPANDED I NUMBER OF ACRES
	Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased, & Evelyn G. Brown and James .5093% Algernon Brown; .8487% T. H. McElvain; .4243% W. E. Alsup; .4243%	Royalty Owner; United States of America;12.50%Working Interest Owner; El Paso Natural Gas Company;82.50%ORRI Owners: H. A. Howell;.150M. A. Romero; J. R. Abercromble; Joe Quinn; Omega E. Quinn; Omega E. Quinn; Omega Stern; H. O. Pool;.509	SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED C SAN JUAN 30-4 UNIT AREA NUMBER DRILLING BLOCK OF ACRES OWNERSHIP AND PERCENTAGE Tract 10
		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
99.8500%	.5093% .8487% .4243% .99.8500%	12.50% 82.50% .0000% .5093% .1909% .5093% .5093%	TES FORMATION
27.14073%	,13823% ,23034% ,11516% ,11516%	27.14073% 3.39259% 22.39110% .04071% .16455% .06910% .05181% .01729% .13823%	N MAXIMUM POSSIBLE PARTICIPATION
27.10002%	.13823% .23034% .11516% .11516% 27.10002%	27.10002% 3.39259% 22.39110% .16455% .13823% .06910% .01729% .13823%	PRESENT ACTUAL PARTICIPATION

•

Effective January 1, 1955

San Juan 30-4 #1 Well	SF 079485-A	SERIAL NUMBER
Sec. 18: W/2	T-30-N, R-4-W Sec. 18: W/2	DRILLING BLOCK
219.04	219.04	NUMBER OF ACRES
	Tract 10 Tract 10 ates of America; atural Gas Company; rs: ell; ero; Tinnin; Tinnin; len Wallace & ernon Brown, Truste Last Will & Testam on W. Brown, deceas G. Brown and James Brown; lvain; Miller; TOTAL	DRILLING BLOCK OWNERSHIP AND PERC
	12.50% 82.50% 82.50% .1500% .5093% .2546% .2546% .0637% .5093% .60637% .5093% .5093% .8487% .4243% .4243%	PERCENTAGE
99.8500%	12.50% 82.50% .0000% .5093% .2546% .5093% .5093% .5093% .8487% .4243% .4243%	Committed
18.57783%	18.57783% 2.32223% 15.32671% .02787% .011264% .09462% .09462% .09462% .15766% .09462% .15766% .07882% .07882%	MAXIMUM POSSIBLE PARTICIPATION
18.54996%	18.54996% 2.32223% 15.32671% .00000% .11264% .09462% .03547% .09462% .15766% .15766% .07882% 18.54996%	PRESENT ACTUAL PARTICIPATION

SCHEDULE III SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

Effective January 1, 1955

San Juan 30-4 #4 Well		SF 079486	SERIAL NUMBER	
Sec. 27: E/2		<u>T-30-N, R-4-W</u> Sec. 27: <u>E</u> /2	DRILLING BLOCK	SECOND EXI
320.00		320.00	NUMBER OF ACRES	ANDED PART
	981 7;	e per t se t per t	DRILLING BLOCK OWNERSHIP AND PERCENTAGE	SCHEDULE III SECOND EXPANDED PARTICIPATING AREA FOR THE PIC SAN JUAN 30-4 UNIT AREA
1H	83 . 125% 4 . 375% 100 . 000% 1	12.50%		'I CTURED EA
100.000%	83.125% 4.375% 100.000%	12.50%	COMMITTED	PICTURED CLIFFS F
27.14072%	22.56073% 1.18740% 27.14072%	27.14072% 3.39259%	MAXIMUM POSSIBLE PARTICIPATION	FORMATION
27.14072%	22.56073% 1.18740% 27.14072%	27,14072% 3,39259%	PRESENT ACTUAL PARTICIPATION	

, **-**

.....

Effective January 1, 1955

San Juan 30-4 #3 Well	SF 079488-A	SERIAL NUMBER
Sec. 29: E/2	T-30-N, R-4-W Sec. 29: E/2	DRILLING BLOCK
320.00	320.00	NUMBER OF ACRES
	Tract 16 Royalty Owner: United States of America; Working Interest Owner: El Paso Natural Gas Company; ORRI Owners: M. A. Romero, et al; TOTAL	DRILLING BLOCK OWNERSHIP AND PERCENTAGE
	12.50% 83.125% 4.375%	
100.00%	12.50% 83.125% <u>4.375%</u>	COMMITTED
27.14072%	27.14072% 3.39259% 22.56073% 1.18740% 27.14072%	MAXIMUM POSSIBLE PARTICIPATION
27.14072%	27.14072% 3.39259% 22.56073% 1.18740% 27.14072%	PRESENT ACTUAL PARTICIPATION

,

SCHEDULE III SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

Effective January 1, 1955

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SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA SCHEDULE III

RECAPITULATION

Description of lands in Participating Area.

Township 30 North, Range 4 West, N.M.P.M.
Section 18: All
Sections 27, 29: E/2Total number of acres in Participating Area:1179.04Percent of Basic Royalty committed:
Percent of Working Interest committed:
Percent of 0.R.R.I. committed:
98.90910%100.00%



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

P. O. Box 6721 Roswell, New Mexico

Pebruary 4, 1955

El Paso Natural Gas Company El Paso Natural Gas Building El Paso, Texas

Gentlemen:

The 1955 plan of development dated December 28, 1954, for the San Juan 30-4 unit agreement is accepted subject to similar acceptance by the appropriate State officials as bare compliance with that provision of Sec. 10 of the unit agreement requiring that a plan be filed. An amended plan of development for 1955 providing for the drilling of not less than four development and exploration wells drilled at least to the base of the Mesaverde formation unless production in paying quantities is found at a lesser depth and, in addition, adequate offsets to protect the unitized lands from drainage, must be submitted for approval not later than April 15, 1955.

One copy of said plan indicating acceptance by this office is returned herewith.

Very truly yours,

JOHN A. ANDERSON Begional Oil and Gas Supervisor

Copy to: Cons.Div., Wash., D.C. (w/l copy of plan) Farmington (w/l copy of plan)

 $V_{N.M.O.C.C.}$, Santa Fe (ltr. only)

El Paso Natural Gas Company

El Paso, Texas

December 28, 1954

Mr. John A. Anderson Regional Supervisor United States Geological Survey Department of the Interior Post Office Building Roswell, New Mexico

Mr. E. S. Walker Commissioner of Public Lands State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Mr. W. B. Macey, Secretary Oil Conservation Commission State of New Mexico Capitol Annex Building Santa Fe, New Mexico

CK 10 1 Worker

Re: San Juan 30-4 Unit #14-08-001-1056 Rio Arriba County, New Mexico 1955 Drilling Program

Gentlemen:

By letter dated November 11, 1954, El Paso Natural Gas Company, as Unit Operator, filed a drilling program regarding the captioned Unit for the remainder of the calendar year 1954. The well on this drilling program was completed on this Unit during such period as follows:

		TUTCIAL	
Well Name	Drilling Block	Potential	Tied-In
San Juan 30-4 #7	E/2 Sec. 18, T30N, R4W	657	No

Five wells have been drilled to the Pictured Cliffs Formation upon lands committed to the Unit. Of these 5 wells 3 have been determined to be capable of producing unitized substances in paying quantities and 3 have been admitted to the Pictured Cliffs participating area. One well, the San Juan 30-4 #5 well located on the W/2 of Section 9, Township 30 North, Range 4 West, was determined noncommercial. There are 2 wells in the present participating area that are producing into El Paso's gathering system.

The San Juan 30-4 #2 Well located in the E/2 of Section 19, Township 30 North, Range 4 West, was drilled by El Paso Natural Gas Company and was temporarily abandoned on January 27, 1954, after reaching a total depth of 6748 feet.

The San Juan 30-4 #6 Well located in the W/2 of Section 33, Township 31 North, Range 4 West, was spudded as a Mesaverde test well by El Paso Natural Gas

Company and drilled to a total depth of 6040 feet. Inasmuch as the Mesaverde Formation was dry, the well was turned over to Phillips Petroleum who attempted to complete this well in the Pictured Cliffs Formation. At the present time the status of the well is "operations suspended".

The San Juan 30-4 Alsup 1-B Well located in the E/2 of Section 14, Township 30 North, Range 4 West, was drilled by Blackwood & Nichols and was abandoned on April 23, 1952, after reaching a total depth of 3960 feet.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1955, consisting of two (2) wells to be drilled to the Pictured Cliffs Formation; such drilling program to constitute all of our drilling obligations for such year. These proposed drilling sites are listed below as follows:

SE/4 Section 16, T-30-N, R-4-W
 SW/4 Section 16, T-30-N, R-4-W

El Paso Natural Gas Company, as Unit Operator, intends to drill all wells to the base of the Pictured Cliffs Formation. Rotary tools will be used in drilling the pay section. Approximately 100' of 9 5/8" surface casing will be set and then a production string of 5 1/2" casing will be run down to the top of the Pictured Cliffs Formation. The Pictured Cliffs Formation will be treated with a sand-oil fracturing process. Due care will be taken to protect all horizons.

All of the working interest owners have been contacted and this drilling program reflects, insofar as possible, their requests for additional drilling.

If this drilling program is acceptable, please signify your approval of this drilling program as required under Section 10 of the Unit Agreement in the space provided below, and return an approved copy to El Paso Natural Gas Company.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Manager Lease Department

RLH/BG/mp

APPROVED:

Date:_____

Supervisor, United States Geological Survey

Subject to like approval by the appropriate State officials.

APPROVED:

Date:

Commissioner of Public Lands

Subject to like approval by the U.S.G.S. and Oil Conservation Commission.

ACCEPTED

APPROVED:

Oil Conservation Commission

Date:____

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands. * accepted subject to conditions of acceptance a set back in attached letter of transmitted.

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. W. H. Sparks General American Oil Company of Texas 1404 Republic Bank Building Dallas, Texas

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Mr. C. F. Bedford Stanolind Oil & Gas Company P. O. Box 1410 Fort Worth, Texas

Mr. Kenneth E. McAfee Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City 2, Oklahoma

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn Box 896 Albuquerque, New Mexico

Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn Ellen Wallace, Co-trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York December 9, 1954

El Paso Natural Gas Company Tenth Floor Bassett Tower El Paso, Texas

Attention: Mr. R. L. Hamblin

Res San Juan 30-4 Unit Agreement Rio Arriba County, New Mexico #14-08-001-949

Gentlemen:

Please be advised that the Plan of Development for the remainder of 1954, dated November 11, 1954, for the above captioned Unit Agreement has this date been approved by the Commissioner of Fublic Lands, subject to like approval being obtained from the United States Geological Survey and Oil Conservation Commission.

One approved copy of the plan is inclosed herewith.

Very truly yours,

E. S. WALKER Commissioner of Public Lands

co: United States Geological Survey Rogwall, New Mexico (3) Oil Conservation Commission Santa Fe, New Mexico (1) P. O. BOX 871

SANTA FE, NEW MEXICO

file 51/4

December 8, 1954

El Paso Natural Gas Co. Tenth Floor Bassett Tower El Paso, Texas

Attention: Mr. R. L. Hamblin

Re: <u>San Juan 30-4 Unit</u> Rio Arriba County, New Mexico #14-08-001-949

Gentlemen:

This is to advise that the Plan of Development for the remainder of 1954, dated November 11, 1954, for the San Juan 30-4 Unit has this date been approved by the New Mexico Oil Conservation Commission, subject to like approval by the Director of the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is herewith returned.

Very truly yours,

W. B. Macey Secretary - Director

WBM:jh

cc: U. S. G. S., Roswell Commissioner of Public Lands Santa Fe

ten

IN REPLY REFER TO:

fear, sul



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

> P. O. Box 6721 Rosvell, New Mexico

> > December 6, 1954

El Pase Matural Gas Company Tenth Floor Bassett Towar El Paso, Texas

Gentlemen:

The plan of development dated November 11, 1954, for the San Juan 30-4 unit agreement, New Maxico, No. 14-08-001-949, for the remainder of the calendar year 1954, has been approved on this date subject to like approval by the appropriate State officials.

One approved copy of said plan is returned herewith.

Very truly yours,

JOHN A. ANDERSON 5

Regional Oil and Gas Supervisor

Copy to: Cons.Div.,Wash.,D.C.(W/1 copy of plan of development) H.M.O.C.C., Santa Re

El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso. Texas

November 29, 1954

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit 14-08-001-949 Rio Arriba County, New Mexico Plan of Development for Remainder of 1954

Gentlemen:

Under date of November 11, 1954, we forwarded to you for approval a Plan of Development for the remainder of 1954 for the above captioned Unit. In this letter we set forth that the San Juan 30-4 #2 Well in the E/2 Section 19, Township 30 North, Range 4 West, had tested the Morrison Formation. This was in error. The San Juan 30-4 #2 Well was drilled to and tested the Mesaverde Formation. The Morrison Formation has not been tested under the Unit Agreement.

Will you please make this correction on your records. The status of the #2 Well was correctly shown as temporarily abandoned.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Hamelin By: Kス R. L.Hambl

Manager Lease Department

RLH/TWB/mp Acknowledgment & distribution attached Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. W. H. Sparks General American Oil Company of Texas 1404 Republic Bank Building Dallas, Texas

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Mr. C. F. Bedford Stanolind Oil & Gas Company P. O. Box 1410 Fort Worth, Texas

Mr. Kenneth E. McAfee Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City 2, Oklahoma

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn Box 896 Albuquerque, New Mexico

Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn Ellen Wallace, Co-trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Teras

November 11, 1954

file copy

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-949 Rio Arriba County, New Mexico Plan of Development for Remainder of 1954

Gentlemen:

Pursuant to Section 10 of the Above numbered Unit Agreement, El Paso Natural Gas Company, as Unit Operator, now submits for your approval a Plan of Development for the remainder of 1954.

The San Juan 30-4 Unit Area embraces 26,102.27 acres, more or less, in Rio Arriba County, New Mexico, of which 25,608.90 acres are committed to the Unit. The Unit Area includes all of Township 30 North, Range 4 West and Sections 32 through 36, Township 31 North, Range 4 West.

Altogether there have been seven (7) wells drilled on this Unit, of these seven (7) wells only three (3) are commercial wells, and two (2) wells are temporarily abandoned. Two (2) of the commercial wells, the San Juan 30-4 #1 and the San Juan 30-4 #4, have been tied in to a gathering system and the third commercial well, the San Juan 30-4 #3 is now awaiting connection to a pipeline. One (1) well is permanently abandoned, and one (1) well has been determined non-commercial.

approved 12/8/54

The following table reflects the status of Unit Development to date:

	1-40 MM	1. N. 1.	1997 - Ale - Maria	MCF			
WELL	LOCATION	SPUD	COMPLETED	3 HR. TEST		FORMATION	REMARKS
#1	W/2 18-30-4	9-14-51	1-24-52	1300	-	P. C.	Producing
#2	E/2 19-30-4	6-28-52		•		Herrison MV -	Temp. Abandoned
#3	E/2 29-30-4	7-17-53	8-20-53	232 🧹	~	P. C.	Awaiting Tie-in
#4	E/2 27-30-4	8-22-53	9-23-53	3310	-	P. C.	Producing
#5	W/2 9-30-4	9-25-53	1- 6-54	108 /		P. C.	Non-commercial
#6	W/2 33-31-4	10- 9-53	8-20-54			P. C. (Tasted MV	Temp. Abandoned
Alsup						-	
1-B	E/2 14-30-4	11-15-51				P. C.	Abandoned
- time	s chard of	to the	The the part	1 do hard	<u>_</u>		

The San Juan 30-4 #6 Well was spudded and drilled by El Paso Natural Gas Company as a Mesaverde test well. Inasmuch as it was dry in the Mesaverde Formation it was turned over to Phillips Petroleum Company on November 17, 1953, who attempted to complete this well in the Pictured Cliffs Formation. At the present time the correct official status of this well is "operations suspended."

Therefore, drilling on this Unit may be summarized as follows: The Morrison $M\sqrt{V}$ Formation has been tested and found dry by the #2 Well, formerly the Sparks #1. The Mesaverde and Pictured Cliffs Formations failed to produce in the #6 Well. One Pictured Cliffs Well was dry and one Pictured Cliffs Well was non-commercial. There are three (3) commercial Pictured Cliffs Wells. Therefore, we recommend that development of this Unit he rather slow until it is determined what area of the Pictured Cliffs Formation will be productive, and what area will not be productive.

El Paso Natural Gas Company hereby proposes to drill one Pictured Cliffs Well for the balance of the calendar year 1954. The well will be drilled in the SE/4 of Section 18. Township 30 North, Range 4 West. If this well is commercial additional Pictured Cliffs Wells will be drilled under the next years program. There are no intervening drilling blocks or producing offset wells.

Your approval of this Plan of Development for the remainder of the calendar year 1954, is hereby respectfully requested.

Very truly yours,

EL PASO NATURAL GAS COMPANY

R. L. Hamblin Manager Lease Department

RLH/BG/mas Acknowledgement attached

cc: Attached List

November 11, 1954

APPROVED

DATE

Supervisor, United States Geological Survey Subject to like approval by the appropriate State Officials.

APPROVED

DATE

Commissioner of Public Lands of the State of New Mexico Subject to like approval by the United States Geological Survey and Oil Conservation Commission.

APPROVED DATE Oil/Conservation CommAssion of the State of

New Mexico Subject to like approval by the United States Geological Survey and Commissioner of Public Lands. Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. W. H. Sparks General American Oil Company of Texas 1404 Republic Bank Building Dallas, Texas

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

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Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Mr. C. F. Bedford Stanolind Oil & Gas Company P. O. Box 1410 Fort Worth, Texas

Mr. Kenneth E. McAfee Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City 2, Oklahoma

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Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn Box 896 Albuquerque, New Mexico

Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn Ellen Wallace, Co-trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

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TENTH FLOOR BASSETT TOWER

1031 CIT 100 In El Paso, Jexas October 14, 1954

Commissioner of Public Lands of the State of New Mexico State Land Office Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico State Land Office Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit #14-08-001-1056

Gentlemen:

Attached hereto is one (1) copy of Ratification and Joinder of Unit Agreement executed by H. O. Pool, et ux, and one (1) copy of Ratification and Joinder of Unit Agreement dated July 6, 1954, executed by T. H. McElvain, et ux, committing their interests in tracts 2 through 18 and Tract 23 to the above captioned Unit.

We ask that you process these Ratifications in the usual manner in order to effectively commit these interests to the Unit.

Very truly yours,

T. W. Bittick

Area Landman Lease Department

TWB/BG/mp Enclosures

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the <u>San Juan 30 4 Unit</u> Area located within the County of <u>Rio Arritic</u> State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS	SIGNATURE
APPROVED AND CONSENTED TO? EL PASO DECLIRAL GAS COMPANY By Vice President	H. O. Poal Thelma K. Paal Thelma K. Paal
WORKING INTEREST OWNER Date:	Thelma K. Pool
Data	
Date:	
Date:	APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXA By WWY & Day & Mark
APPROVED AND CONSENTED TO:	

Alsun

WORKING INTEREST OWNER

STATE OF)) SS.: COUNTY OF)

On this _____ day of _____, 195____, before me appeared by me duly sworn, did say that he is the _____ President of ______ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, ____acknowledged said instrument to be and said_ the free act and deed of said corporation. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written. My Commission expires: Notary Public in and for_ _County, State of STATE OF TEXAS SS.: COUNTY OF HALE On this 4th day of June , 195 4 , before me appeared and Thelms K. Pool н. <u>O. Pool</u> his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed. My Commission expires: June 1, 1985 Notary Public in and for_ Hale County, State of Texas (Eloise Parker) STATE OF SS.: COUNTY OF On this___ _day of_ _____, 195____, before me personally appeared , a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that_____he executed the same as_____free act and deed. My Commission expires:

Notary Public in and for_____

County,

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 30 • 4 Unit Area located within the County of Rio Arriba State of

State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the pro-duction allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS H. Catherine B. MCEIV Mabelle M. Mille Date: APPROVED AND TO: APPROVED AND CONSENTED TO: CONSENT APPROVED AND CONSENTED TO: EL PASO NATURAL GAL **COMPANY** BLACKWOOD AND NICHOLS CO. Du President Vice A General Partner WORKING INTEREST OWNER AND WORKING INTEREST OWNER WORKING INTEREST OWNER UNIT OPERATOR APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS Same 12 april 171 23 hans By ~ Vice President

WORKING INTEREST OWNER

₩.

E. Alsup

STATE OF)) SS.: COUNTY OF)

On this _____day of _____, 195____, before me appeared . to me personally known, who, being

by me duly sworn, did say that he is the ______President of ________ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said __________acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have bereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for______County,

STATE OF New Mexico)) SS.: COUNTY OF Santa Fe)

On this 6 day of July , 195 4 , before me appeared T. H. McElvain, Catherine B. McElvain, Forrest B. Miller and Mabelle M. Miller

his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

WL

Notary Public in and for <u>Santa Fe</u> <u>County</u>, State of <u>New Mexico</u>

STATE OF SS.: COUNTY OF _day of_ On this_ _____, 195____, before me personally , a single person, to me known to be appeared_ the person described in and who executed the foregoing instrument, and acknowledged to me that _____he executed the same as _____free act and deed. My Commission expires: Notary Public in and for_ County, State of

Eury

El Paso Matural Gas Company, MAN OFFICE COO

TENTH FLOOR BASSETT TOWER

El Paso, Texas

(11) M (15)

September 23, 1954

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit First Expanded Participating Area Effective October 1, 1953

Gentlemen:

Attached please find First Expanded Participating Area dated September 20, 1954, amending previous First Expanded Participating Area dated September 8, 1954.

Due to the fact that there were corrections in the acreage of each drilling block, we are resubmitting this Expanded Participating Area complete with the acreage and percentage changes.

Very truly yours,

EL PASO NATURAL GAS COMPANY

bamblin \mathcal{R} \mathcal{J} R. L. Hamblin

Manager Lease Department

RLH/BG/mp Enclosures

El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Texas

September 20, 1954

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Jil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit No. 14-08-001-1056 Rio Arriba County, New Mexico First Expanded Participating Area Pictured Cliffs Formation Effective October 1, 1953

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-4 Unit Agreement, No. 14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, determined on September 30, 1953, that one additional well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation had been completed upon committed acreage to this Unit and the participating area for the Pictured Cliffs formation is accordingly expanded.

This well is as follows:

El Paso Natural Gas Company's San Juan 30-4 #4 Well located 949' South of the North line and 944' West of the East line of Section 27, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on August 22, 1953, and reached a total depth of 4221' in the Pictured Cliffs Formation. After being shut-in for gauge for 7 days, the well was tested on September 30, 1953, and after a three hour blow-down gauged an IP of 3310 MCFGPD, with an SIPC of 1047# and an SIPT of 1074#. The committed drilling block upon which this well is located is described as the E/2 of Section 27, Township 30 North, Range 4 West, N.M.P.M., which according to our information consists of 320.00 acres. Attached is Schedule II showing the First Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 30-4 Unit Area. This describes the expanded participating area, shows the percentage of unitized substances allocated to each unitized tract and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval no provision is made therefor and, in the absence of disapproval, this expanded participating area will become effective as of October 1, 1953.

Copies of this letter and schedule are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

melin By Hamb

Manager Lease Department

RLH/BG/mas cc: Attached List Copies of the foregoing letter have been sent to the following working interest owners:

Mr. W. H. Sparks General American Oil Company of Texas 1404 Republic Bank Building Dallas, Texas

Mr. R. N. Eichey Phillips Petroleum Company Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. James A. Brown 14 Aztell Drive Scarsdale, New York

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico Mr. C. F. Bedford Stanolind Oil & Gas Company Oil & Gas Building Fort Worth, Texas

Mr. Kenneth E. McAfee Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City 2, Oklahoma

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn Box 896 Albuquerque, New Mexico

Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn Ellen Wallace, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

	PRESENT ACTUAL PARTICIPATION		25.45998%	3.18728%	21.036	%00000°	.15460%	.12986%	.06492%	.04868%	。01624 %	.12986%	.12986%						.12986%	.216/	.1081.	.10819%	25.45998%		25.45998%
	MAXIMUM POSSIBLE PARTICIPATION		25 . 49823%	3.18728%	21.03604%	.03825%	.15460%	.12986%	.06492%	。04868%	.01624%	.12986%	,12986 %						.12986%	.21640%	.10819%	.10819%	25.49823%		25.49823%
FORMATION	COMM ITTED			12.50%	82,50%	%0000 °	.6063%	.5093%	.2546%	%606T.	.0637%	.5093%	.5093%						.5093%	.8487%	.4243%	.4243%	99.8500%		99.8500%
PICTURED CLIFFS FORMATION REA	PERCENTAGE C			12,50%	any; 82.50%	.1500%	.6063%	°5093%	.2546%	%6061 .	。0637%	.5093%	.5093%		Trustees	Testament	deceased,		.5093%	.8487%	.4243%	.4243%	100.000%		
SCHEDULE II FIRST EXPANDED PARTICIPATING AREA FOR THE PIC SAN JUAN 30-4 UNIT AREA	DRILLING BLOCK	Tract 10	tv Omner.	United States of America; Working Interest Owner:	latural Gas Company; rs:	Howell;	Romero;	Abercrombie;		Qu inn;	t P. Tinnin;	Stern;	1;	00	Brown,			lyn G. Brown and James	Brown;	McElvain;	Forrest B. Willer;	Alsup;	TOTAL		
r SAN JUG	OWNERSHI P		Rovaltv (United States	El Paso Natural ORRI Owners:) .		J. R. Abe	utn	Omega E.	Robert P.	N. B. Ste	H. O. Pool;	Evelyn El		under the	of Algern	& Evelyn	Algernon Brown;	T. H. MCE	Forrest B	W. E. Als			
XPANDED PAR	NUMBER OF ACRES		219.04																						219.04
FIRST E	DRILLING BLOCK		T~30-N, R-4-W Sec 18: W/2	•••••																					Sec. 18: W/2
	SERIAL NUMBER		SF 079485-A																						#1 Well

Effective October 1, 1953

PAGE 1

PRESENT ACTUAL PARTICIPATION		37.25088%	4 . 65636%	30.96479%	$\frac{1.62973\%}{37.25088\%}$	37.25088%
MAXIMUM POSSIBLE PARTICIPATION		37.25088%	4.65636%	30 . 96479%	1.62973% 37.25088%	37.25088%
COMMITTED			12.50%	83.125%	4.375%	100.000%
DRILLING BLOCK OWNERSHIP AND PERCENTAGE	Tract 12	Royalty Owner: United States of	America; 12.50% Working Interest Owner: El Paso Natural	Gas Company; 83.125% ORRI Owners: M. A. Romero	et al; 4.375% TOTAL 100.000%	
NUMBER OF ACRES		320.00				320.00
DRILLING BLOCK		T=30-N, R-4-W Sec. 27; B/2				Sec. 27: E/2
SERIAL NUMBER		SF 079486				San Juan 30-4 #4 Well

SCHEDULE II FIRST EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

Effective October 1, 1953

PAGE 2

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SCHEDULE II FIRST EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 DNIT AREA	
EXPANDED	
FIRST	

PRESENT ACTUAL PARTICIPATION		37.25088%	4 . 65636%	30.96479%	1.62973% 37.25088%	
WAXIMUM POSSIBLE PARTICIPATION		37.25088%	4 .65636%	30.96479%	1 . 62973% 37 . 25088%	
COMMITTED			12.50%	83.125%	4.375% 100.000%	
K ENTAGE			12.50%	83.125%	<u>4.375%</u> 100.000%	
DRILLING BLOCK OWNERSHIP AND PERCENTAGE	Tract 16	Royalty Owner: United States of	America; Working Interest Owner: El Paso Natural	Gas Company; ORRI Owners: M. A. Romero	et al; TOTAL	
NUMBER OF ACRES		320.00				
DRILLING BLOCK		T-30-N, R-4-W Sec. 29: E/2				
SERIAL NUMBER		SF 079488-A				

Effective October 1, 1953

PAGE 3

37.25088%

37 . 25088%

100.000%

320.00

Sec. 29: E/2

San Juan 30-4 #3 Well

FIRST EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA SCHEDULE II

RECAPITULATION

Description of lands in Participating Area. Township 30 North, Range 4 West, N.M.P.M. Section 18: W/2 Sections 27, 29: E/2 Total number of acres in Participating Area: 859.04 Percent of Basic Royalty committed: 100.00% Percent of Working Interest committed: 98.90910%

El Paso Natural Gas Company PROSESS

TENTH FLOOR BASSETT TOWER

El Paso, Texas

August 18, 1954

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: Sam Juan 30-4 Unit Rio Arriba County, New Mexico

Gentlemen:

Enclosed herewith please find the following Ratification and Joinders of Unit Agreement and Unit Operating Agreement committing various interests to the above captioned Unit:

- 1. One (1) copy of Ratification and Joinder of Unit Agreement executed by James A. Brown et ux, Evelyn G. Brown and Evelyn Ellen Wallace, committing their working interest under Tracts 3, 5, 7, 11, 12, 14, 15, 16, 17 and 18, and their overriding royalty interest under Tracts 2 through 8 inclusive, to the above captioned Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 611.
- 2. One (1) copy of Ratification and Joinder of Unit Agreement executed by Omega E. Quinn committing her working interest and overriding royalty interest under Tracts as enumerated in No. 1 above. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 612.
- 3. One (1) copy of Ratification and Joinder of Unit Agreement executed by J. R. Abercrombie et ux, committing their working interest and overriding royalty interest under Tracts as enumerated in No. 1 above. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 613.

- 4. One (1) copy of Ratification and Joinder of Unit Agreement executed by M. A. Romero et ux, and N. B. Stern committing their working interest and overriding royalty interest under Tracts as enumerated in No. 1 above. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 614.
- 5. One (1) copy of Ratification and Joinder of Unit Agreement executed by R. P. Tinnin et ux committing their working interest and overriding royalty interest under Tracts as enumerated in No. 1 above. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 617.
- 6. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by James A. Brown et ux, Evelyn G. Brown and Evelyn Ellen Wallace, committing their working interest under Tracts 3, 5, 7, 11, 12, 14, 15, 16, 17 and 18, to the above captioned Unit. This instrument has been filed with the United States Geological Survey.
- 7. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by Omega E. Quinn committing her working interest under Tracts as enumerated in No. 6 above. This instrument has been filed with the United States Geological Survey.
- 8. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by J. R. Abercrombie et ux, committing their working interest under Tracts as enumerated in No. 6 above. This instrument has been filed with the United States Geological Survey.
- 9. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by M. A. Romero et ux and N. B. Stern, committing their working interest under Tracts as enumerated in No. 6 above. This instrument has been filed with the United States Geological Survey.
- 10. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by R. P. Tinnin et ux committing their working interest under Tracts as enumerated in No. 6 above. This instrument has been filed with the United States Geological Survey.

Very truly yours,

EL PASO NATURAL GAS COMPANY

T. W. Bittick Area Landman Lease Department

TWB/ROB/mas Enclosures cc: Attached List Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. W. H. Sparks General American Oil Company of Texas 1404 Republic Bank Building Dallas, Texas

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Samta Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Timmim P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown, Co-Trustee for Evelym Ellem Wallace 14 Axtell Drive Scarsdale, New York Mr. C. F. Bedford Stamolind Oil & Gas Company Oil & Gas Building Fort Worth, Texas

Mr. Kenneth E. McAfee Blackwood and Nichols Company 1316 Liberty Bank Building Oklahoma City 2, Oklahoma

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quimm Box 896 Albuquerque, New Mexico

Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mrs. Evelym Ellem Wallace, Co-Trustee for Evelym Ellem Wallace 14 Axtell Drive Scarsdale, New York

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE SAN JUAN 30-4 UNIT, RIO ARRIBA COUNTY, NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said_____

SAN JUAN 30-4 UNIT _____, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

Prinnin Frances Dimm
Frances Dinmin
, 195_1, before me to me known uted the foregoing instru- e same asfree act
y hand and affixed my official tten.
y Public in and for <u>Delilio</u> County, State of
Mexico

UNIT OPERATOR

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said

in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

M. 10 5	
ADDRESS	MUM SIGNATURE
	He As Manual C
	Allala T. Remore
Date:	
	M3stern
Date:	
STATE OF New Mexico) COUNTY OF Sonto Fe } SS:	
On this 29 day of $AbRillion$ personally appeared <u>M.B. Stern <u>5</u> M.A. Ro</u> his wife, to me known to be the person <u>s</u> foregoing instrument, and acknowledged that <u>free</u> act and deed.	described in and who executed the
IN WITNESS WHEREOF, I have hereunton the day and year in this certificate above wi	o set my hand and affixed my official seal ritten.

My Commission expires:

otary Public in and for_ County, State of

APPROVED AND CONSENTED TO: EL PASO UNITURAL PAS COMPANY By Vice President UNIT OPERATOR

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE Sam june 30-4 Unit Min Arribe County, Her Herice

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS	SIGNATURE
P.O. Box 335	J. R. aluna
Farth te, n.m.	Drothy Dick Adercrowe hie
Date: may 12, 1957	
Date:	
STATE OF Texas) SS .:	
On this 12 th day of <u>Mac</u> personally appeared <u>A</u> <u>Aberbromki</u> his wife, to me known to be the person <u>s</u> foregoing instrument, and acknowledged that free act and deed.	described in and who executed the
IN WITNESS WHEREOF, I have hereur the day and year in this certificate above	
My Commission expires:	Notary Public in and for Harris
6-1-55	County, State of
APPROVED AND CONSENTED TO: EL PASO NATURAL CAS COMPANY	

Vice President

UNIT OPERATOR

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE 300 June 30-4 Unit 340 Arrise County, Mar Mexico

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

	An. 15			
ADDRESS			SIGNATURE	
P.O. 1202 335		J. K. ll	ierom	li.
	-	J. R. Abereren		
farth te M.M.		Drolly Dro	16 fidercrou	ence.
Date: may 12, 1957			· · ·	
		<u></u>	<u> </u>	
Date:				
1				
STATE OF Texas COUNTY OF Trance)) SS ::			
COUNTY OF Tranca) 30.3			
On this 13 th day	of may		, 1954 , b	efore me -
On this $\underline{f_{a}}^{th}$ day of personally appeared $\underline{f_{a}}^{th}$ $\underline{f_{a}}^{th}$ day his wife, to me known to be the	ererombie	and No to	, 1954 , the the secured	romail + ho
foregoing instrument, and acknowledge		exe	cuted the same as	- Men
free act and deed.		1		
THE STONDOG LUDDIOD	• 1			

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires:

6-1-55

ENV-1 Bull: Notary Public in and for than County, State of exa2

APPROVED AND CONSENTED TO: EL PASO MATURAL CAS COMPANY Vice President UNIT OPERATOR

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE San Juan 30 - 4 Unit Rio Arriba State Of New Mexico

In consideration of the execution of the Unit Operating Agreement under

Unit Agreement for the Development and Operation of the said **San Uuan 30 · 4 Unit**, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

<u>ADDRESS</u> P. O. Box 896	15, = = 1 (j	mega C. Puinn
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STATE OF Hew Mexico) COUNTY OF Bernalillo)	SS .:	
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free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires:

3-5-56

APPROVED AND CONSENTED TO: EL PASO NATURAL ANY Vice President UNIT OPERATOR

alline Bevier Notary Public in and for Bernal11110 County, State of New Mexico

me

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE San juan 30-4 Unit Rie Arriba Jounty, Boy Beales

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This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS	SIGNATURE VIIII XIIII -
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y commission expires. By St. Ollew	Notary Public in and for County, State of
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ALL FREATION) UNIVER MERICENT In this 21st day of May, i dividually, and as contrustee for by swife, Evelyn J. Brown and Evelyn M len Mallace, to me known to be the p	954, before the appeared James A. Brown weigh Ellen Kallace, Mary Ellen Brown, Ellen Anilace of trustee for Evelyn Gersons described in and who executed Eksentworkse they executed the same as

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the <u>Sen Juan 30-4 Unit</u> Area located within the County of <u>RIO ARRIBA</u> State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the pro-duction allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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Fh. 2, 5, 4, 5, 6, 7, 8, 9, 10, 11, 12, 18 14, 10, 18, 18. ADDRESS P. O. Box 996. Albuquerous, New Hextee Marta atala Date: EETTS 10: TROOD AND NICHOLS CO. General Partner Date: APPROVED AND CONSENTED EL PASE DETUTAL GAS APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS allen and super Vice President Vice President WORKING INTEREST OWNER WORKING INTEREST OWNER UNIT CP. LACR

STATE OF) SS.: COUNTY OF)

On this_____day of_____, 195____, before me appeared

, to me personally known, who, being by me duly sworn, did say that he is the _____President of _______ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said ________ acknowledged said instrument to be

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for_____County,

State of____

STATE OF New Mexico) SS.: COUNTY OF Bernalillo)

On this life day of _____, 195___, before me appeared

his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

and the

Pauline Bevier

Notary	Public in	and	for
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STATE OF	Ĵ	
	j	SS.:
COUNTY OF)	

On th	isday	of,	195,	before	me personally	•
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appeared______, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that______he executed the same as______free act and deed.

My Commission expires:

Notary Public in and for _____County,

State of_

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the t and Operation of the <u>San Juan 30 \cdot 4 Unit</u>

Development and Operation of the San Juan 30 · 4 Unit Area located within the County of <u>Rio Arriba</u> State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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th. 2, 5, 4, 5, 6, 7, 8, 9, 10, 11, 12, 15, 14, 16, 17, 18 **ADDRESS** SIGNATURE Alicia V. Romero 4-29-54 Date:____ COD AND MICHOLS CO. VORKING INTERART OFFICE INTEREST OFFER CONCING THTEMST ON UNIT OPERATOR APPROVED AND CONSENTED TO: GENERAL ANCEICAN OIL COMPANY OF TEXAS . Ermpan

VORLING INTEREST OWNER

Vice Preside

STATE OF SS.: COUNTY OF

On this _____ day of _____, 195____, before me appeared

by me duly sworn, did say that he is the _____ President of and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, _acknowledged said instrument to be and said_ the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for_ _County, State of

STATE OF New Maxico) COUNTY OF Sonta Fe) SS.:

On this 2974 day of April , 1954, before me appeared

____and____ M. A. Nomero Alicia V. Komereo

his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

My Commission expires January 19, 1957

Danard, Commence
Notary Public in and for
State of Vioro Yter eco

STATE OFNew Mexico	
STATE OFNEW Mexicon COUNTY OF Son to Fe)	SS.:
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appeared N, /3. S / e R N, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged appeared_ to me that _____he executed the same as $\frac{h}{5}$ free act and deed.

My Commission expires:

Wy Commission expires January 19, 1957

tary Public in and for County, Reev Mes State of

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan $30 \cdot 4$ Unit

Area located within the County of <u>Rio Arriba</u> State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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En. 2, 3, 4, 5, 6, 9, 8, 7, 10, 11, 12, 13, 14, 16, 17, 18 ADDRESS SIGNATURE J. R. aleum P.O. Bry 33: Ta 7. m. m. m. Dorothy Dick Hurcro Dorothy Dick Abercrambie Date: 77/ay 12, 1954 ACEMOOD AND MICHOLS CO. IL PASO BATURAL GAS CO sing intrast onner king interest owner TORKING INTERST OWNER UNIT CPERATOR APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS

BENERAL AMERICAN OIL COMPANY OF TEXAS

By Far Leve Olmpser

VOREING INTEREST OVNER

STATE OF))) SS.: COUNTY OF

On this _____day of _____, 195____, before me appeared

by me duly sworn, did say that he is the _____ President of ______ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, ____acknowledged said instrument to be and said_ the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

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	Notary Public in and for
	County, State of
STATE OF Texas) COUNTY OF 7 Januar) SS.:	
his wife, to me known to be the pe	and <u>1954</u> , before me appeared and <u>worky fick Whier</u> ersons described in and who executed the fore- it to me they executed the same as their free act
My Commission expires:	Notary Public in and for <u></u>
STATE OF)) SS.: COUNTY OF) On thisday of	, 195, before me personally
	, a single person, to me known to be kecuted the foregoing instrument, and acknowledged the same as free act and deed.
My Commission expires:	
	Notary Public in and forCounty,
	State of

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the it and Operation of the San Juan 30 - 4 Unit Development and Operation of the San Juan 3 Area located within the County of **Rio** Arriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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ADDRESS		SIGNATU	RE
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Vice President	By Allhu A General P	' CWRER WOR	-

STATE OF)) SS.:	
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		pereunto set my hand and affixed my official ate first above written.
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STATE OF)	
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		, 1954, before me personally
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My Commission expin	:es:	Pauline Bevier
2-5-56		1 auline Bever
		Notary Public in and for
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		State of New Nextco

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RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the at and Operation of the San Juan 30 - 4 Unit Development and Operation of the San Juan 3 Area located within the County of Rio Arriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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Jn. 2, 3, 4, 5, 6, 1, 8, 9, 10, 11, 12, 13, 14, 16, 19, 18 **ADDRESS** SIGNATURE 5-21-54 Date: 21-54 APPROVED AND CONSENTED TO: APPROVED AND CONSENTED TO: APPROVED AND CONSENTED TO: EL PASO NATURAL GAS COMPANY BLACKWOOD AND NICHOLS CO. А Vice President General Partner WORKING INTEREST OWNER WORKING INTEREST OWNER WORKING INTEREST OWNER UNIT OPERATOR APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS

By <u>Vice President</u>

STATE OF)) SS.: COUNTY OF)

On this _____day of _____, 195____, before me appeared

______, to me personally known, who, being by me duly sworn, did say that he is the _____President of _______ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said ________acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for_____County,

State of

be executed the same as

STATE OF

COUNTY OF

COUNTY OF NEW YORK) SS.

SS.:

On this 21st day of May, 1954, before me appeared James A. Brown, individually, and as co trustee for Evelyn Ellen Wallace, Mary Ellen Brown, his wife, Evelyn G. Brown and Evelyn Ellen Wallace co trustee for Evelyn Ellen Wallace, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

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APPOVED AND CONSENTED TO:

. . . .

to me that Detr

CONSTANCE I. ROE NOTARY PUBLIC, STATE OF NEW YORK No. 60-8614300 Qualified in Westchester County Cert. filed with New York Co. Clk's Office Commission Expires March 30, 1956

STATE OF	
COUNTY OF) SS.:)
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a single person, to me known to be the foregoing instrument. and acknowled the foregoing instrument.

APPROVED AND CONSENTED TO:

APPROVED AND CONSENTED TO:

EL PASO NATURAL GAS COMPANY MAIN OFFICE OCC EL PASO, TEXAS

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1354 JUN 28 M 6:37

June 24, 1954

Mr. H. J. Duncan, Director United States Department of the Interior Geological Survey Washington 25, D. C.

> Re: San Juan 30-4 Unit No. 14-08-001-1056 Rio Arriba County, N.M.

Dear Mr. Duncan:

On January 13, 1954, we transmitted to your office a request for approval of the initial participating area for the above Unit. This request stated that two Pictured Cliffs wells (San Juan 30-4 #1, and San Juan 30-4 #3) had been completed upon the Unit and we considered them to be commercial wells.

On June 11, 1954, not having received any notice that the initial participating area for the Pictured Cliffs had ever been approved, we transmitted to your office a new determination that the San Juan 30-4 #3 well was not a commercial well.

You approved the request for approval of the initial participating area which contained the San Juan 30-4 #1 and the San Juan 30-4 #3 wells on June 17, 1954. We would like to have your approval of the initial participating area set aside due to the fact that before it was approved we had made a redetermination that one of the wells was not a commercial well, and also due to the fact that this redetermination had been made and sent out prior to approval of the initial participating area.

For some time we have been giving very serious consideration to what should and what should not be considered commercial wells as defined in our Unit Agreements, and we have come to the conclusion that the San Juan 30-4 #3 well which was completed with an initial potential of 238 MCF in the Pictured Cliffs formation is not a commercial well. The San Juan 30-4 #1 well which we still believe is commercial had an initial potential of 1,300 MCF. You can see that there is a rather large discrepancy between the initial potential of the two wells.

COPY

Mr. H. J. Buncan, Director -2-

Also, the Pictured Cliffs formation in this area is deeper than throughout most of the San Juan Basin, being between 4035' and 4100' in the 30-4 #3 well. The costs of Pictured Cliffs wells in this area are considerably higher than those of an average Pictured Cliffs well in the San Juan Basin.

We have already prepared, and were in the process of transmitting, a new request for approval of the initial participating area for the Pictured Cliffs formation stating that only the San Juan $30-4 \ \#l$ well should be included in the initial Pictured Cliffs participating area.

We hereby respectfully request that your approval of the initial participating area dated January 13, 1954 and approved by your office on June 17, 1954, be set aside and that you consider a later request for approval of the initial participating area for the Pictured Cliffs formation which contains only the San Juan 30-4 #1 well.

We regret the circumstances that have caused this confusion which was the delay between the filing and approval of the initial participating area, and the fact that during this period of time we were forced to change our decision as to the commercial status of the 30-4 #3 well.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Damelin By X R. L. Hamblin Lease Department

RLH:ms

cc: Commissioner of Public Lands Santa Fe, New Mexico

> Oil Conservation Commission Santa Fe, New Mexico

Working Interest Owners.

El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso. Texas

11 June 1954

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

file

Re: San Juan 30-4 Unit No. 14-08-001-1056 Rio Arriba County, New Mexico Noncommercial Well - Pictured Cliffs Formation Determined 6 January 1954

Gentlegen:

Pursuant to Section 11 (a) of the Sam Juan 30-4 Unit Agreement, No. 14-08-001-1056, approved 11 September 1953, El Paso Natural Gas Company as Unit Operator determined on 6 January 1954, that the following described well was not capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation.

This well is as follows:

El Paso Natural Gas Company's San Juan 30-4 #5 Well, located 1589' North of the South line and 941' East of the West line of Section 9, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on 25 September 1953 and reached a total depth of 4315'. The pay section between 4233' and 4285' was shot with 208 quarts of S.N.G. The well was tested on 6 January 1954 and after a three hour blow-down gauged am IP of 108 MCFGPD with am SIPC of 1262# and am SIPT of 1260#. The drilling block upon which this well is located is described as the W/2 of Section 9, Township 30 North, Range 4 West, N.M.P.M. and consists of 320 acres. Inasmuch as this determination meeds no official approval, no provision is made therefore, and in the absence of disapproval this well will continue to be considered noncommercial.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

lin, J. B Jr. Thomas E. Allin, Lease Department

TEA,Jr/mas cc: Attached List

El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Jexas

11 June 1954

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

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Re: San Juan 30-4 Unit No. 14-08-001-1056 Rio Arriba County, New Mexico Noncommercial Well - Pictured Cliffs Formation Determined 17 September 1953

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 30-4 Unit Agreement, No. 14-08-001-1056, approved 11 September 1953, El Paso Natural Gas Company as Unit Operator determined on 17 September 1953, that the following described well was not capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation.

This well is as follows:

El Paso Natural Gas Company's San Juan 30-4 #3 Well, located 1262.5' South of the North line and 848.6' West of the East line of Section 29, Township 30 North, Range 4 West, Rio Arriba County, New Mexico. This well was spudded on 17 July 1953 and reached a total depth of 4100°. The pay section between 4035' and 4100' was shot with 250 quarts of S.N.G. The well was tested on 17 September 1953 and after a three hour blow-down gauged an IP of 232 MCFGPD with an SIPC of 1178# and an SIPT of 1178#. The drilling block upon which this well is located is described as the E/2 of Section 29, Township 30 North, Range 4 West, N.M.P.M. and consists of 320 acres. Inasmuch as this determination needs no official approval, no provision is made therefore, and in the absence of disapproval this well will continue to be considered noncommercial.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

N. Thomas E. Allin, Jr.

Lease Department

TEA, Jr/mas cc: Attached List

MAN CE El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

MARKIN - MI 9:21 C. C. C.

El Paso, Texas

25 May 1954

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit Revised Exhibit "B"

Gentlemen:

Enclosed please find copies of Exhibit "B" for the above noted Unit revised to 24 May 1954. You will note many changes which have been made due to a great deal of additional information having been obtained since distribution of the Exhibit "B" you now possess.

I am at the present time obtaining Ratifications and Joinders of the Unit Operating Agreement from the Working Interest Owners that have been added to this Revised Exhibit "B". As soon as these documents have been returned to me, and all other procedures required to conform with the Unit Agreement have been accomplished regarding ratification by a Working Interest Owner, these documents will be forwarded to your office.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Ulin, Juli Thomas E. Allin, Jr.

Lease Department

TEA, Jr/mas cc: Attached List Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. W. H. Sparks General American 1404 Republic Bank Building Dallas, Texas

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico

Mr. M. A. Romero P. O. Box 2011 Santa Fe, New Mexico

Mr. Robert P. Tinnin P. O. Box 896 Albuquerque, New Mexico

Mr. H. O. Pool P. O. Box 1150 Plainview, Texas

Mr. James A. Brown 14 Axtell Drive Scarsdale, New York

Mr. James A. Brown, Co-Trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York Mr. C. F. Bedford Stanolind Oil & Gas Co. Oil & Gas Building Fort Worth, Texas

Mr. Kenneth E. McAfee Blackwood and Nichols Co. 1316 Liberty Bank Building Oklahoma City 2, Oklahoma

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

Mrs. Omega E. Quinn Box 896 Albuquerque, New Mexico

Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

Mr. J. R. Abercrombie P. O. Box 335 Santa Fe, New Mexico

Mrs. Evelyn G. Brown 14 Axtell Drive Scarsdale, New York

Mrs. Evelyn Ellen Wallace, Co-trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York

Sec. 35: N_{2}^{\pm} Sec. 36: Lots 1,2,3, $W_{2}^{\pm}NE_{4}^{\pm}$, $NW_{4}^{\pm}SE_{4}^{\pm}$, $N_{2}^{\pm}SW_{4}^{\pm}$, $NW_{4}^{\pm}SE_{4}^{\pm}$, $NW_{4}^{\pm}SW_{4}^{\pm}$, $NW_{4}^{\pm}SE_{4}^{\pm}$,	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tract No. of No. Description Acres FEDERAL LANDS	
5 yrs. (Applic. for ext. granted)	Santa Fe 078967 5/1/48	Serial No. and Lease Date	Schedul e Int
ed)	U.S.A. 12 <u>1</u> % All	Land Owner Percentage of Royalty	Schedule Showing the I Interests in All
	Mary D. Campbell	Record Owner of Lease or Application	EXHIBIT "B" Percentage and Kind o l Lands in the San Jua
of Koy S. Magruder, dec- eased & Helen Magruder, L. E. Lockhart and R. H. Ernest W. M. McIlheran William D. Lowery George Roeber & Jeanette L. Roeber Yuval King Clayton Paul V. Cox & Laurine Cox A. J. Range & Marie S. Range Mae Hunt Helen Beken Morgan & Robert B. Morgan, Jr. W. O. Kerr & Mary F. Kerr Patricia Hudson P. B. Smith Ernest H. Peterson	The Fort Worth National Bank, Independent Executor and Trustee of the Estate	Overriding Royalty Owner and Percentage	EXHIBIT "B" Percentage and Kind of Ownership of Oil and Gas Lands in the San Juan 30-4 Unit Agreement
1.9375 .3125 .2500 .2500 .2500 .1250 .1250 .1250 .1250 .3125 .0625 .1250 .1250 .1250 .1250 .1250 .1250 .1250			
	Phillips Petroleum Co. All	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest	

Revised to 24 May 1954

Revi	N	Tract No. Federal
3 T 30N - R 4W Unsurveyed Land Begin at the SE cor. of Sec. 36, T 31N, R 4W. thence S 1 mile, thence W 1 mile, thence N 1 mile, thence E 1 mile to point of beginning, (Continued on next page) (Continued on next page) Revised to 24 May 1054	<u>T 30N - R 4W</u> <u>Unsurveyed Land</u> 776.30 SF 07 Begin at a point 1 mile W of the SE cor. of Sec. 36, T 31N, R 4 W, thence S 1 mile, thence W 1 mile, thence N 1 mile, thence E 1 mile to point of beginning, which will, when surveyed, probably be Sec. 2, excepting herefrom the lands included in H.E.S. Nos. 280 and 283. Also begin at a point 3 miles W of the SE cor. of Sec. 36, T 31N, R 4W, thence S 1 mile, thence E 1 mile to point of beginning, which will, when surveyed, pro- bably be Sec. 4, excepting herefrom the lands included in H.E.S. No. 386.	ct No. of <u>Description Acres</u> eral Lands (continued)
SF 079482-A 7/1/49 5 yrs.	SF 079482 7/1/49 5.yrs∘ nce 1 1 4 in Also of 31N, 31N, nce thence thence pro- herefrom 5. No. 386.	Serial No. and Lease Date
U.S.A. 12 <u>1</u> % All	U.S.A. 12 <u>1</u> % All	Land Owner Percentage of Royalty
J. K. Rigsbee	Jno. W. Nichols	Record Owner of Lease or Application
M. A. Romero Joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern H. O. Pool	 H. A. Howell M. A. Romero J. R. Abercrombie Joe Quinn Omega Quinn Robert P. Tinnin Robert P. Tinnin N. B. Stern H. O. Pool Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will and Testament of Algernon W. Brown, deceased, and Evelyn G. Brown T. H. McElvain Forrest B. Miller W. E. Alsup Total 5. 	Overriding Royalty Owner and Percentage
.547 .230 .173 .459 .459	.1500 .6063 .2546 .1909 .0637 .5093 .5093 .8487 .4243 .4243 .4243	
<u>Gas Rights before payout</u> : El Paso Natural Gas Co. <u>Oil Rights before payout</u> : General American Oil Co. All	Gas Rights to Base of Mesaverde Formation: El Paso Natural Gas Co. All Gas Rights below Mesaverde Formation & All Oil Rights: Blackwood & Nichols Co. All	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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24 May 1954

Revised to 24 May 195	4	ω	Feder	Tract No.
Revised to 24 May 1954	T 30N - R 4W Unsurveyed Land Begin at the SW cor. of T 31N, R 4W, thence E 1 mile, thence S 1 mile, thence E 1 mile, thence S 1 mile, thence W 1 mile, thence N 1 mile, thence W 1 mile, thence N 1 (Continued on next page)	<pre>(Continued from Page 2) which will, when surveyed, probably be Sec. 1, except- ing herefrom the land includ- ed in H.E.S. No. 279. Begin at a point 2 miles W of the SE cor. of Sec. 36, T 31N, R 4W, thence S 1 mile, thence W 1 mile, thence N 1 mile, thence E 1 mile to point of beginning, which will, when surveyed, probably be Sec. 3, excepting herefrom the lands included in H.E.S. Nos. 280, 283, 386, 387, 388. Begin at a point 4 miles W of the SE cor. of Sec. 36, T 31N, R 4W, thence S 1 mile, thence W 1 mile, thence N 1 mile, thence E 1 mile to point of beginning which will, when surveyed, probably be Sec. 5.</pre>	Federal Lands (continued)	Description
	80.00 e ile, page)	<pre>i from Page 2) i, when surveyed, be Sec. 1, except- rom the land includS. No. 279. Begin t 2 miles W of the f Sec. 36, T 31N, nce S 1 mile, thence thence N 1 mile, therefrom the lands herefrom the lands in H.E.S. Nos. 280, 387, 388. point 4 miles W cor. of Sec. 36, twile, thence N 1 nce E 1 mile to point probably be Sec. 5.</pre>	<u> </u>	No. of Acres
	SF 079483 10/1/48 5 yrs. mile			Serial No. and Lease Date
	U.S.A. 121⁄2 All			Land Owner Percentage of Royalty
	Jno. W. Nichols			Record Owner of Lease or Application
	 H. A. Howell M. A. Romero J. R. Abercrombie Joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern H. O. Pool 	Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testa- ment of Algernon W. Brown, deceased, and Evelyn G. Brown & James Algernon Brown Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercrombie Total		Overriding Royalty Owner and Percentage
	.1500 .6063 .2546 .1909 .0637 .5093 .5093	•459 •383 •766 •459		
	Gas Rights to Base of Mesaverde Formation: El Paso Natural Gas Co.All Gas Rights below Mesaverde Formation & All Oil Rights: Blackwood & Nichols Co.All	Gas Rights after payout: El Paso Natural Gas Co. 56.25% General American Oil Co. 18.75% O.R.I. Owners in % shown 25.00% O.R.I. Owners in % shown 25.00% O.R.I. Owners in % shown 25.00%		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

24 May 1954

(J	Federal 4 ((wh p)	Tract No.
<u>T 30N - R 4W</u> <u>Unsurveyed Land</u> 1,280.00 S Begin at a point 1 mile S of the SW cor. of T 31N, R 4W, thence E 1 mile, thence S 1 mile thence W 1 mile, thence N 1 mile to point of beginn- ing, which will, when surveyed, probably be Sed. 7. Also begin at a point 2 miles E & 1 mile S of the SW cor. T 31N, R 4W, thence E 1 mile, thence S 1 mile, thence W 1 mile, thence N 1 mile to point of beginning, which will, when surveyed, probably be Sec. 9.	<u>1 Lands</u> (continued) (<u>Continued from Page 3</u>) to point of beginning, which will, when surveyed, probably be Secs. 6 & 8.	Description
nd 1,280.00 int 1 SW cor. SW cor. W, thence nce S 1 mile ie, thence oint of beginn- 11, when surveyed ed. 7. a point 2 miles of the SW cor. thence E 1 mile, thence E 1 mile, le, thence W 1 le, thence W 1 N 1 mile to point which will, when) <u>ge 3</u>) ing, urveyed, 6 & 8.	No. of Acres
SF 079483-A 10/1/48 5 yrs. ed, ed, s s s		Serial No. and Lease Date
U.S.A. 12 <u>1</u> % All		Land Owner Percentage of Royalty
J. K. Rigsbee		Record Owner of Lease or Application
 M. A. Romero Joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern H. O. Pool Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased, & Evelyn G. Brown and James Algernon Brown Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercrombie Total 4 	Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased, & Evelyn G. Brown and James Algernon Brown T. H. McElvain Forrest B. Miller W. E. Alsup Total 5	Overriding Royalty Owner and Percentage
	es ed, .5093 .8487 .4243 5.0000%	
Gas Rights before payout: El Paso Natural Gas Co. Oil Rights before payout: General American Oil Co. El Paso Natural Gas Co. General American Oil Co. I Co. I Co. 18.75% O.R.I. Owners in % shown 25.00% O.R.I. Owners in % shown 25.00% O.R.I. Owners in % shown 25.00% O.R.I. Owners in % shown 25.00%		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Revised to 24 May 1954 .

Revi	~	6 HHADNBSDNCCACNCROBCH	Tract No.
Revised to	<u>T 30N - R 4W</u> <u>Unsurveyed Land</u> 883.1 Begin at a point 1 mile S of the SW cor. of Sec. 6, T 30N, R 3W, thence S 1 mile, thence W 1 mile, thence N 1 mile, thence W 1 mile, thence N 1 mile, thence E 1 mile, thence S 1 mile, (Continued on next page)	<u>Jands</u> (continued) <u>30N - R 4W</u> <u>nsurveyed Land</u> egin at the SW cor f Sec. 6, T 30N, 3W, thence S 1 mile, thence W 1 mile, thence E o point of beginni ill, when surveyed e Sec. 12, excepti he lands included os. 291 & 292. Be oint 2 miles W of ec. 6 T 30N, R 3W, ile, thence W 1 mil 1 mile, thence E oint of beginning, hen surveyed, prob 0, Excepting heref	Description
	883.16 1 mile of Sec. thence W 1 mile, thence N 1 mile, thence S thence S	ed) ed) 1,053.24 cor. , mile, thence E 1 mile E 1 mile E 1 mile to pting herefrom ed in H.E.S. Begin at a of the SW cor 3W, thence S mile, thence E 1 mile to ng, which will robably be Se refrom the la S. No. 388.	No. of Acres
	SF 079484-A 7/1/49 5 yrs.	4 SF 079484 7/1/49 5 yr's. 5 bly 5 from 5 S from 5 S S S S S S S S S S S S S S S S S S	Serial No. and Lease Date
	U.S.A. 12 ^{<u>1</u>} % Al1	U.S.A. 12 ¹ 7 All	Land Owner Percentage of Royalty
	J. K. Rigsbee	W. E. Alsup	Record Owner of Lease or Application
	M. A. Romero Joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern H. O. Pool	 H. A. Howell M. A. Romero J. R. Abercrombie Joe Quinn Omega Quinn Robert P. Tinnin Robert P. Tinnin N. B. Stern H. O. Pool Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will and Testa- ment of Algernon W. Brown, deceased, and Evelyn G. Brown James Algernon Brown Forrest B. Miller W. E. Alsup 	Overriding Royalty Owner and Percentage
	•547 •230 •173 •459 •459	.1500 .6063 .2546 .1909 .0637 .5093 .5093 .4243 .4243 .4243	
	Gas Rights before payout: El Paso Natural Gas Co. All Oil Rights before payout: General American Oil Co. All	Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. Gas Rights below Mesaverde Formation & All 0il Rights: Blackwood & Nichols Co.	Working Interest Onwer Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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Page 5

24 May 1954

	00 ~	Tract No. Federal
Begin at a point 1 mile S and 1 mile W of the SW cor. of Sec. 6, T 30N, R 3W, thence S 1 mile, thence W 1 mile, thence N 1 mile, thence E 1 mile to point of beginning, which will, when surveyed, probably be Sec. 14, excepting herefrom the lands included in H.E.S. Nos. 287 & 368.	(<u>Continued from Page 5</u>) thence E 1 mile to point of beginning, which will when surveyed, probably Secs. 11 & 13, excepting from the lands included H.E.S. Nos. 288, 291, 29 368 & 388. <u>T 30N - R 4W</u> Unsurveyed Land 488.	Description al Lands (continued)
a point 1 d 1 mile W cor. of Sec. 6, 3W, thence S 1 mile, 1 mile, thence N 1 nce E 1 mile to point ing, which will, when probably be Sec. 14, herefrom the lands in H.E.S. Nos. 287 &	<u>rom Page 5</u>) iile to point , which will, d, probably be 3, excepting here- ds included in 288, 291, 292, and 488.60	No. of Acres
ر د م	е- SF 079484-в	Serial No. and Lease Date
$12\frac{1}{2}\%$ All		Land Owner Percentage of Royalty
ļ	W. E. Alsup	Record Owner of Lease or Application
 A. Romero A. Romero R. Abercrombie e Quinn ega Quinn bert P. Tinnin B. Stern O. Pool elyn Ellen Wallace & gernon Brown, Trustee der the Last Will and Testant of Algernon W. Brown, ceased, and Evelyn G. Brown, games Algernon Brown H. McElvain H. McElvain Frest B. Miller E. Alsup 	Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testa- ment of Algernon W. Brown, deceased, and Evelyn G. Brown & James Algernon Brown Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercrombie Total 4	Overriding Royalty Owner and Percentage
	n .459 .383 .766 .459 4.375%	
Mesaverde I El Paso Nat Gas Rights Formation & Blackwood &	Gas Rights after payout: El Paso Natural Gas Co. 56.25% General American Oil Co. 18.75% O.R.I. Owners in % shown 25.00% <u>Oil Rights after payout</u> : General American Oil Co. 75.00% O.R.I. Owners in % shown 25.00%	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Revised to 24 May 1954 ~

Tract No. of Description No. of Acres	
No. of Acres Acres Acres No. of Acres No. 00 W, Point I mile, W, ably be ence i mile, I mile,	
Lease Date Lease Date SF 079485 10/1/48 5 yrs. SF 079485-A 10/1/48 5 yrs. 10/1/48	
Percentage of Royalty U.S.A. 12 ¹ / ₂ % All U.S.A. 12 ¹ / ₂ % All	
Jno. W. Nichols	
Overriding Royalty Owner and Percentage A. A. Howell M. A. Romero J. R. Abercrombie Joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern H. O. Pool Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will and Testa- ment of Algernon Brown deceased, and Evelyn G. Brown T. H. McElvain Forrest B. Miller W. E. Alsup Total 5. H. A. Howell M. A. Romero J. R. Abercrombie Joe Quinn Omega Quinn N. B. Stern H. O. Pool	
•1500 •1500 •5093 •2546 •1909 •637 •1909 •6063 •1909 •6063 •1909 •1500 •1909 •5093 •5093	
Agreement or Assignment and Percentage of Interest Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. Gas Rights below Mesaverde Formation & All Oil Rights: Blackwood & Nichols Co. All Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. Gas Rights below Mesaverde Formation & All Oil Rights: Blackwood & Nichols Co. All	Working Interest Owner Under

Revised to 24 May 1954

Page 7

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Page
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			11		10	Federal	Tract No.
N 1 mile, thence W 1 mile, thence S 1 mile to point of beginning, which will, when surveyed, probably be Sec. 17.	mile, thence S I mile to point of beginning, which will, when surveyed, probably be Sec. 15. Begin at a point 1 mile E of the NE cor. Sec. 24, T 30N, R SU thence E 1 mile thence	Begin at a point 3 miles E of the NE cor. Sec. 24, T 30N, R 5W,thence E : thence N l mile, thence W l	4W Land		(Continued from Page 7)	al Lands (continued)	N Description A
mile, thence beginning, veyed, probably	e to point will, when he Sec. 15. hile E of T 30N,	10/1/48 pr。 5 yrs。 ,thence E 1 mile, nce W 1	1,280.00 SF 079485-B		7)		Serial No. No. of and Acres Lease Date
		12 <u>÷</u> % A11	U.S.A.				Land Owner Percentage of Royalty
			J. K. Rigsbee				Record Owner of Lease or Application
tal	n Wallace & non Brown, Trustee ast Will & Testame W. Brown, decease Brown and	joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern	ero	James Algernon Brown, Trustees under the Last Will and Testa- ment of Algernon W. Brown, deceased, and Evelyn G. Brown & James Algernon Brown T. H. McElvain Forrest B. Miller W. E. Alsup Total 5.	Evelyn Ellen Wallace &		Overriding Royalty Owner and Percentage
.459 .383 .766 .459 4.375%	59	•230 •173 •057 •459	.547	ees ta- 5093 .8487 .4243 .4243			
	El Paso Natural Gas Co. 56.25% General American Oil Co. 18.75% O.R.I. Owners in % shown 25.00% <u>Oil Rights after payout</u> : General American Oil Co. 75.00%	EL Paso Natural Gas Co. All <u>Oil Rights before payout</u> : General American Oil Co. All Gas Right <u>s after payout</u> :	ľů.				Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Revised to 24 May 1954

13	12	Tract No. Feder
<u>T 30N - R 4W</u> <u>Unsurveyed Land</u> 640.00 S <u>Begin at a point 3</u> miles E of the NE cor. of Sec. 24, T 30N, R 5W, thence E 1 mile, thence S 1 mile, thence W 1 mile, thence N 1 mile to point of beginning which will, when surveyed, probably be Sec. 22.	<u>T 30N - R 4W</u> <u>Unsurveyed Land</u> 2,463.45 SF Begin at the NW cor. of Sec. 2, T 29N, R 4W, thence W 2 miles, thence N 2 miles, thence E 2 miles, thence S 2 miles to point of beginning, which will, when surveyed, probably be Secs. 27, 28, 33 and 34, excepting here- from the lands included in H.E.S. No. 278.	Description al Lands (continued)
640.00 or. R 5W, ence S 1 le, then le, then f beginn: f veyed,	<pre>1 2,463.45 y cor. yN, R 4W, es, thence es to point of the secs. excepting her included in</pre>	No. of Acres
SF 079487 10/1/48 5 yrs. ce ing	SF 079486 7/1/49 5 yrs. f 27, re-	Serial No. and Lease Date
U.S.A. 12 <u>1</u> % All	U.S.A. 12 <u>1</u> % All	Land Owner Percentage of Royalty
W. E. Alsup	W. H. Sparks	Record Owner of Lease or Application
 H. A. Howell M. A. Romero J. R. Abercrombie Joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern H. O. Pool 	M. A. Romero Joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern H. O. Pool Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased, & Evelyn G. Brown and James Algernon Brown Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercrombie Total 4.3	Overriding Royalty Owner and Percentage
.1500 .6063 .2546 .1909 .0637 .5093 .5093	.547 .230 .173 .459 .459 .459 .383 .383 .383 .383	
W. E. Alsup	Gas Rights before payout: El Paso Natural Gas Co. Oil Rights before payout: General American Oil Co. Gas Rights after payout: El Paso Natural Gas Co. General American Oil Co. O.R.I. Owners in % shown 2 O.R.I. Owners in % shown 2	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
All	* All 56.25% 18.75% 25.00% 25.00%	E & E

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Revised	1 4	13	Federal	Tract No.
ed to	T 30N - R 4W Unsurveyed Land 1,920.00 Begin at the NE cor. of Sec. 24, T 30N, R 5W, thence E 3 miles, thence S 1 mile, thence W 3 miles, thence N 1 mile to point of beginning, which will, when surveyed, probably be Secs. 19, 20, 21.	(Continued from Page 9)	al Lands (continued)	No. of Description Acres
	SF 079487-A U.S.A. 10/1/48 12 <u>1</u> % All 5 yrs. .ch .bly			Serial No. Land Owner and Percentage Lease Date of Royalty
	W. H≁ Sparks 1			r e Record Owner of Lease y or Application
	<pre>M. A. Romero .547 Joe Quinn .230 Omega Quinn .173 Robert P. Tinnin .173 N. B. Stern</pre>	Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased, and Evelyn G. Brown & James Algernon Brown T. H. McElvain Forrest B. Miller W. E. AlsupTotal5093 5.0000%		Overriding Royalty Owner and Percentage
	Gas Rights before payout: El Paso Natural Gas Co. Oil Rights before payout: General American Oil Co. Gas Rights after payout: El Paso Natural Gas Co. General American Oil Co. O.R.I. Owners in % shown O.R.I. Owners in % shown 25.00%All All All Co. 25.00% 25.00%			Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Revised to 24 May 1954

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16	Fede 15	Tract No.
<u>T 30N - R 4W</u> <u>Unsurveyed Land</u> 1,920.00 SF Begin at a point 10 1 mile E of the NW cor. 5 of T 29N, R 4W, thence E 1 mile, thence N 2 miles, thence W 2 miles, thence S 1 mile, thence E 1 mile, thence S 1 mile to point of beginning, which will, when surveyed, prob- ably be Secs. 29, 30 and 32.	Federal Lands (continued) T 30N - R 4W Unsurveyed Land Begin at the NW cor. of T 29N, R 4W, thence E 1 mile, thence N 1 mile, thence W 1 mile, thence S 1 mile to point of beginning, which will, when surveyed, probably be Sec. 31.	t No. of Description Acres
SF 079488-A 10/1/48 5 yrs. ng, ng,	SF 079488 10/1/48 5 yrs.	Serial No. and Lease Date
U.S.A. 12 <u>1</u> % All	U°S°A. 12 <u>1</u> % All	Land Owner Percentage of Royalty
W. H. Sparks	Joe Quinn	Record Owner of Lease or Application
M. A. Romero.5Joe Quinn.2Omega Quinn.1Robert P. Tinnin.1Robert P. Tinnin.0N. B. Stern.4H. O. Pool.4Evelyn Ellen Wallace &.4James Algernon Brown,Trusteesunder the Last Will & Testamentof Algernon W. Brown,deceased,& Evelyn G. Brown and.4	Waymon Peavy	Overriding Royalty Owner and Percentage
.547 .230 .173 .459 .459 .ees .459 .ees .eed,	2.614×	
Gas Rights before payout:El Paso Natural Gas Co.Oil Rights before payout:General American Oil Co.Gas Rights after payout:El Paso Natural Gas Co.General American Oil Co.General American Oil Co.0.R.I. Owners in % shown0.R.I. Owners in % shown0.R.I. Owners in % shown25.00%0.R.I. Owners in % shown25.00%	 M. A. Romero Joe Quinn Omega E. Quinn Robert P. Tinnin N. B. Stern N. B. Stern N. B. Stern Stern M. B. Stern Stern St	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Revised to 24 May 1954

Revi 24 M	8 8	17	16	Federal	Tract No.
Revised to 24 May 1954	<u>T 30N - R 4W</u> <u>Unsurveyed Land</u> 640.00 SF Begin at a point 1 mile W of the NW cor. of Sec. 19, T 30N, R 3W, thence S 1 mile, thence W 1 mile, thence N 1 mile, thence E 1 mile to point of beginning, (Continued on next page)	Unsurveyed Land 2,545.00 SF 07 Begin at the SW cor. 7/1 of Sec. 18, T 30N, R 3W, 5 y thence S 3 miles, thence W 2 miles, thence N 2 miles, thence E 1 mile, thence N 1 mile, thence E 1 mile to point of beginning, which will, when surveyed, probably be Secs. 24, 25, 26, 35 and 36, excepting here- from the lands included in H.E.S. Nos. 284, 285, 286, 288, 289, and 378.	(Continued from Page 11) T 10N - R AW	eral Lands (continued)	No. of Description Acres
	SF 079490 7/1/49 5 yrs.	SF 079489 7/1/49 5 yrs. 5 yrs. here- E.S. and			Serial No. and Lease Date
	U.S.A. 12 <u>1</u> % All	U.S.A. 12 <u>1</u> % All			Land Owner Percentage of Royalty
	W. H. Sparks	J. K. Rigsbee			Record Owner of Lease or Application
	M. A. Romero Joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern H. O. Pool	M. A. Romero	Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercrombie Total 4		Overriding Royalty Owner and Percentage
	.547 .230 .173 .057 .459 .459		。383 。383 。766 <u>.459</u> 4.375%		
	Gas Rights before payout: El Paso Natural Gas Co. Oil Rights before payout: General American Oil Co.	Gas Rights before payout: El Paso Natural Gas Co. Oil Rights before payout: General American Oil Co. Gas Rights after payout: El Paso Natural Gas Co. General American Oil Co. O.R.I. Owners in % shown Oil Rights after payout: General American Oil Co. O.R.I. Owners in % shown			Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
	All All	All All 18.75% 25.00% 25.00%			L S F

Page 12

24 May 1954

19	18	Feder	Tract No.
$\frac{T 3ln - R 4W}{Sec. 33: Lots} 1,2, 848.$ Sec. 34: $S\frac{1}{2}$ Sec. 35: Lots $1,2,3,4$, Sec. 36: Lots $1,2,3,4$, Sec. 36: Lots $4,5,6,7$	(<u>Continued from Page 12</u>) which will, when surveyed, probably be Sec. 23, excepting herefrom the lands included in H.E.S. No. 287.	Federal Lands (continued)	Description
's 848。09 E4 56,7	<u>age 12</u>) surveyed, 23, except ls included	id)	No. of Acres
SF 079603 8/1/49 5 yrs.	l ing		Serial No. and Lease Date
U.S.A. 12 <u>1</u> % All			Land Owner Percentage of Royalty
R. M. Torrance			Record Owner of Lease or Application
Brookhaven Oil Company R. M. Torrance Ernest H. Peterson Total	Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased, & Evelyn G. Brown and James Algernon Brown Forrest B. Miller .3 W. E. Alsup .3 T. H. McElvain .7 J. R. Abercrombie Total .4.3		Overriding Royalty Owner and Percentage
3。500% 。500% <u>1.000%</u> 5.000%	tees sed, .383 .383 .766 .459		
Phillips Petroleum Co.	Gas Rights after payout: El Paso Natural Gas Co. 56.25% General American Oil Co. 18.75% O.R.I. Owners in % shown 25.00% Oil Rights after payout: General American Oil Co. 75.00% O.R.I. Owners in % shown 25.00%		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
All	5.5.0 000 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		

19 FEDERAL LAND TRACTS - 23,780.25 acres

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Revised to 24 May 1954

$\begin{array}{c c c c c c c c c c c c c c c c c c c $		22					21	20	PATE	Tract No.
Serial No. Land Owner Record Owner of Lease Overriding Royalty Owner Overriding Interest: Owner of Control of Contro of Control of Control of Control of Control o		<u>T 30N - R 4W</u> H.E.S. 287	<u>T 31N - R 4W</u> H.E.S. 290	<u>31N -</u> 283 279		H.E.S. 292 H.E.S. 291		T <u>30N - R</u> 4W H.E.S. 289	PATENTED LANDS	
Land Owner Record Owner of Lease Overriding Royalty Owner Operating Operating Operating Operating Operating Operating Agreement, Operating Agreement, Operating Agreement and Stanolind Oil And Enkyra K. McKay Stanolind Oil And Stanolind Oil And Invise, Estate of Emmet Wirt None Stanolind Oil And Gas Company None Stanolind Oil and Gas Company J. J. Denton Simms, Stanolind Oil And Trustee, Estate of Emmet Wirt Stanolind Oil And Gas Company None Stanolind Oil and Gas Company J. J. Denton Simms, Trustee, Estate of Estate Gas Company Gas Company J. Stanolind Oil And Gas Company J. J. Denton Simms, Trustee, Estate Gas Company J. Stanolind Oil And Trustee, Estate Stanolind Oil And Gas Company J. J. Denton Simms, Trustee, Estate Gas Company J. Stanolind Oil And Stanolind Oil and Gas On that part lying in the Stanolind Oil And Stanolind Oil and Gas On that part lying in the Stanolind Oil And Stanolind Oil And Stanolind Oil And Stanolind Oil Stanolind Oil Stanolind Oil Stanolind St		120.89	76.5 6	159.09 159.14	159,18 157.02 133.22 96.55	99.40 153.39	127.06 159.91	82.40		No. of Acres
ner ner age Record Owner of Lease Overriding Royalty Owner Option Agreement, Opteret Under Under Percentage of Application Agreement, Opterating Agreement or Assignment and Percentage of Interest Percentage of Interest All Stanolind Oil And None Stanolind Oil and Gas Company Virt All Gas Company t Wirt All Gas Company Com	10 yrs.	12/29/47					12/29/47	12/24/47 10 yrs.		Serial No. and Lease Date
1 Owner of Lease Overriding Royalty Owner Option Agreement, Operating 1 Application and Percentage Percentage 1 And None Stanolind Oil and Company None Stanolind Oil and S Company J/8 of 7/8 to base of On that part lying in the SE/4 of Unsurveyed S Company J/8 of 7/8 to base of Cas Rights to Base of S Company Sterued Cliffs Formation Cas Rights to Base of	Trustee, Estate of Emmet Wirt $12\frac{1}{2}\%$ All	J. Denton Simms,				of Ennet Wirt $12\frac{1}{2}\%$ All	J. Denton Simms, Trustee. Estate	ĸĸ		Land Owner Percentage of Royalty
Owner Agreement, Operating Agreement or Assignment and Percentage of Interest Stanolind Oil and Gas Company Stanolind Oil and Cas Company Stanolind Oil and cas Company Agreement of the Stand Agreement of the Stand Agreement of the Stand of Cas Rights to Base of Pictured Cliffs Formation:	Gas Company Blackwood & Nichols Company El Paso Natural Gas	Stanolind Oil And					Stanolind Oil And Gas Company			Record Owner of Lease or Application
	Company 1/8 of 7/8 to base of Pictured Cliffs Formation	Stanolind Oil and Gas					None	None		Overriding Royalty Owner and Percentage
	the SE/4 of Unsurveyed Sec. 14. <u>Cas Rights to Base of</u> Pictured Cliffs Formati	On that part lying in					Stanolind Oil and Gas Company	Stanolind Oil and Gas Company		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
	on:						All	All		nder ing and t

Revised to 24 May 1954

El Paso Natural Gas Company

Cliffs Formation: Stanolind Oil & Gas Co. All On that part lying in the NE/4 of Unsurveyed Sec. 14: Oil Rights to Base of Pictured Cliffs Formation: Blackwood & Nichols Co. All Gas Rights to Base of Pictured Cliffs Formation: El Paso Natural Gas Co. All Below Base of Pictured Stanolind Oil & Gas Co. All

				24		23	Pater	No。	Tract
•		H.E.S. 388	H.E.S. 378	<u>T 30N - R 4W</u> H.E.S. 288		<u>T 30N – R 4W</u> H.E.S. 284	Patented Lands (continued)	Description	
		106.79	96°22	154.93		144.84	ed)	Acres	No. of
, , ,	5 PATENTED			Unleased	10 yrs.	8/8/49		Lease Date	Serial No. and
	5 PATENTED LAND TRACTS - 2,322.02 acres				$12\frac{1}{2}\%$	Fred M. Bixler		Lease Date of Royalty	Land Owner Percentage
	22.02 acres					Forrest B. Miller		or Application	Record Owner of Lease
						None		and Percentage	Overriding Royalty Owner
						Forrest B. Miller		Percentage of Interest	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and
						All		rest	er Under erating ent and

Note: Acreage on unsurveyed land is estimated.

Patented Land	State Land	Federal Land	
5	0	19	Number of tracts
2,322.02 26,102.27	None	23,780.25	Acreage
8.9036% 100.0000%	None	91.0964%	Percentage

RECAPITULATION

Revised to 24 May 1954

El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Texas

January 13, 1954

Director United States Geological Survey Department of the Interior Washington, D. C.

Commissioner of Public Lands State of New Mexico Capitol Annex Building Santa Fe, New Mexico

JOIL Conservation Commission State of New Mexico Capitol Annex Building Santa Fe, New Mexico

- north JAN 2 2 1954

Re: San Juan 30-4 Unit, No.14-08-001-1056 Rio Arriba County, New Mexico Request for Approval of Initial Participating Area -- Pictured Cliffs Formation. Effective Sept. 11, 1953

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 30-4 Unit Agreement No.14-08-001-1056, approved September 11, 1953, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests approval of the Initial Participating Area for the Pictured Cliffs formation. On September 22, 1953, we sent out our Notice of Discovery of unitized substances as of that date, the effective date of the Unit Agreement.

The Initial Participating Area contains 538.93 acres and is composed of two drilling blocks with two discovery wells located thereon:

	Township 29 North, Range 4 West	
Well	Drilling Block	Acres
San Juan 30-4 #1	W/2 Section 18	218.97
San Juan 30-4 #3	E/2 Section 29	319.96
		538.93

Page 2 January 13, 1954 Re: San Juan 30-4 Unit

The San Juan 30-4 #1 well is located in the SW/4 of Section 18. This well was completed on December 4, 1951. The pay section between 4168' and 4350' was shot with 620 quarts of nitroglycerin. On January 24, 1952, the well was gauged at 1300 MCF of gas per day on a 3-hour open flow test. The well had a shut in pressure of 1022#. The drilling block upon which the well is located is the W/2 of Section 18.

The San Juan 30-4 #3 well is located in the NE/4 of Section 29. This well was completed on August 21, 1953. The pay section between 4035' and 4100' was shot with 250 quarts of nitroglycerin. On September 17, 1953, this well was gauged at 238 MCF of gas per day on a 3-hour open flow test. The well had a shut in pressure of 1178#. The drilling block upon which this well is located is the E/2 of Section 29.

Township 30 North, Range 4 West, N.M.P.M. in Rio Arriba County, has just recently been surveyed and the township plat may not be officially approved yet by the United States Geological Survey. Filing of this participating area has been held up for some time until the township was surveyed and the exact acreage figures made available.

Attached hereto is our Schedule I which legally describes the proposed participating area showing the percentage of unitized substances to be allocated to the unitized tracts and also showing the exact breakdown of the percentages so allocated to these tracts according to the various ownerships in said tracts. We are also attaching a map, Exhibit "A", showing the location of these wells and the outline of this Initial Participating Area.

If this Initial Participating Area meets with your approval, please indicate such approval in the space provided on said Schedule I and return an approved copy for our files.

Copies of this letter are being sent to all working interest owners, as indicated on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

By: Lease Department

RLH:ms cc: Attached list Encl. SCHEDULE I INITIAL PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 30-4 UNIT AREA

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Serial Number	Description	Number Acres	Ownership	and Percenta	ge	Percentage Committed	Percentage of Participation
			-	TRACT 10			
SF 079485-A	T-30-N, R-4-W	218.97					100%
	Section 18: W/2	2	Royalty Ov United Sta	ner: tes of Ameri	∾a 12 5%	12.5%	5.0788%
				iterest Owner		± 2 ° J /0	5.0100%
			El Paso Na	tural Gas Co		82.5%	33.5202%
			ORRI Owner				
			W. E. Alsı	ip, et al	$\frac{5.0\%}{100.0\%}$	$\frac{5.0\%}{100.0\%}$	$\frac{2.0315\%}{40.6305\%}$
			<u>1</u>	TRACT 16			
F 079488-A	Section 29: E/2	319.96	Royalty Ow	ner:			
				tes of Americ		12.5%	7.4212%
				terest Owner			
			EI Paso Na	tural Gas Co	$\frac{87.5\%}{100.0\%}$	$\frac{87.5\%}{100.0\%}$	51.9483%
ffective 9-	11-53				100.0%	100.0%	59.3695% <u>100%</u>
		R	ECAPI1	TULATIO	N		
	_				-		
	Des			Participatin Range 6 West W/2	-	Р. М.	
		- .	Section 29:				
				n Participat:	ing Area:	538.93	
	rei		Vorking Inte ty Interest			100%	
		-	•				
-	ike approval by t nent provisions c				ffective	Sept. 11, 1	.953, pursuant
pproved		, 195	54		,		
				Director, Ur	nited Sta	tes Geologica	1 Survey
of the State	ike approval by t of New Mexico, e he Unit Agreement	ffective		-	•		
pproved		. 195	54				
	<u></u>			Commissioner		ic Lands of t Mexico	the State of
Lands of the	ike approval by t State of New Mex f the Unit Agreem	ico, effe		11, 1953, p	oursuant		ent provisions

Ipproved <u>22 Jan</u>, 1954

Conservation Commission of the State of New Mexico

Copies of the foregoing letter have been sent to the following Working Interest Owners:

~

Mr. W. H. Sparks General American Oil Company 1404 Republic Bank Building Dallas, Texas

Mr. R. F. Rood Phillips Petroleum Company Bartlesville, Oklahoma

Mr. Kenneth E. McAfee Blackwood and Nichols 1316 Liberty Bank Building Oklahoma City 2, Oklahoma

Mr. G. B. Jenkinson Stanolind Oil and Gas Company Box 591 Tulsa 2, Oklahoma

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

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TURNER, WHITE, ATWOOD, MCLANE AND FRANCIS

ATTORNEYS AND COUNSELORS AT LAW

September 28, 1953

W.D.WHITE FELIX ATWOOD ALFRED E.MSLANE EDWARD L FRANCIS JAMES B FRANCIS JULIAN M.MEER TREVOR REES-JONES HARRY S WELCH THOS.R.HARTNETT.III H.L.HITCHINS.JR. WILLIAM L.MSINERNEY WILLIAM G.WEBB LEWIS CHANDLER SNOWDEN M.LEFTWICH.JR.

J GLENN TURNER

Mr. E. S. Walker State Land Commissioner State Land Office Capitol Annex Building Santa Fe, New Mexico

Mr. R. R. Spurrier New Mexico Oil Conservation Commission Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit Agreement Rio Arriba County, New Mexico No. 14-08-001-1056

Gentlemen:

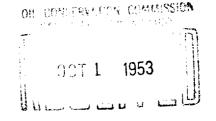
Please find enclosed herewith conformed copies of the above captioned Unit Agreement and Unit Operating Agreement. As you were previously informed, such Unit Agreement was approved by the Acting Director of the U. S. Geological Survey on September 11, 1953. The Unit Agreement was filed for record at one o'clock P.M. on August 5, 1953 and recorded on August 5, 1953 in Volume 16, Pages 523-570, of the County Records of Rio Arriba County, New Mexico. The Unit Operating Agreement was filed for record at one o'clock P.M. on August 5, 1953 and was recorded on August 5, 1953 in Volume 16, Pages 571-588, of the County Records of Rio Arriba County, New Mexico.

Yours very truly,

TURNER, WHITE, ATWOCD, McLANE and FRANCIS

1. J By William G. Webb

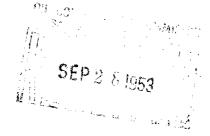
WGW:mch Encls.



El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Jexas September 22, 1953



Director United States Geological Survey Department of the Interior Washington, D. C.

Corruissioner of Public Lands of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit Area No. 14-08-001-1056 Rio Arriba County, New Mexico NOTICE OF DISCOVERY

Centlemen:

Pursuant to Section 11, paragraph 2, of the above numbered Unit Agreement you are hereby informed of the discovery of unitized substances in paying quantities from the Pictured Cliffs Formation on lands committed to said Unit Agreement.

As of September 11, 1953, the effective date of the Unit Agreement, there were two (2) committed wells already completed in the Pictured Cliffs Formation. These wells are as follows:

> The San Juan 30-4 #1 Well (formerly Alsup) located on an un-(1)surveyed tract of land 990' North of a projected South line of unsurveyed Section 18, and 1750' East of the West line of Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on September 14, 1951, reached a total depth of 4355' and was completed on December 4. 1951. The pay section between 4168' and 4350' was shot with 620 quarts of nitroglycerine. On January 24, 1952, the well was gauged at 1300 MCFGPD on a three-hour open blow test with an SIPC of 1022#. The drilling block upon which this well is located is an unsurveyed tract of land as follows: Begin at the Northeast Corner of Section 24, Township 30 North, Range 5 West; thence East 1/2 mile; thence North 1 mile; thence West 1/2 mile; thence South 1 mile to point of beginning, which will, when surveyed, probably be the W/2 of Section 18, Township 30 North, Range 4 West, and consisting of approximately 320 acres.

(2) The San Juan 30-4 #3 Well located on an unsurveyed tract of land 1650' South of a projected North line and 1650' West of a projected East line of unsurveyed Section 29, Township 30 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on July 18, 1953, reached a total depth of 4100' and was completed on August 21, 1953. The pay section between 4035' and 4100' was shot with 250 quarts of nitroglycerine, On September 17, 1953, this well was gauged at 238 MCFGPD on a three-hour open blow test with an SIPC of 1178%. The drilling block upon which this well is located is an unsurveyed tract of land as follows: Begin at a point 2 miles East and 1 mile North of the Northwest Corner of Township 29 North, Range 4 West; thence North 1 mile; thence West 1/2 mile; thence South 1 mile; thence East 1/2 mile to point of beginning, which will, when surveyed, probably be the E/2 of Section 29, Township 30 North, Range 4 West, and consisting of approximately 320 acres.

The drilling blocks upon which these wells are located are fully committed to the Unit Agreement and pursuant to the above mentioned Section 11 of the Unit Agreement it is determined by El Paso Natural Gas Company, Unit Operator, that these wells are capable of producing unitized substances in paying quantities.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Charles S. Deason Lease Department

CSD: jaf cc: Attached List Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. W. H. Sparks General American Oil Company 1404 Republic Bank Building Dallas, Texas

Mr. R. F. Rood Phillips Petroleum Company Bartlesville, Oklahoma

Mr. Kenneth E. McAfee Blackwood and Nichols 1316 Liberty Bank Building Oklahoma City 2, Oklahoma

Mr. G. B. Jenkinson Stanolind Oil and Gas Company Box 591 Tulsa 2, Oklahoma

Mr. T. H. McElvain 220 Shelby Street Santa Fe, New Mexico

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico

Mr. Joe Quinn P. O. Box 335 Santa Fe, New Mexico

Mr. W. E. Alsup 1247 Shafter Street San Mateo, California

TURNER, WHITE, ATWOOD, MCLANE AND FRANCIS

ATTORNEYS AND COUNSELORS AT LAW

171 FLOOR MERCANTILE BANK BUILDING

DALLAS I, TEXAS

September 15, 1953

J GLENN TURNER W. D. WHITE FELIX ATWOOD ALFRED E.MELANE EDWARD L. FRANCIS JAMES B. FRANCIS JULIAN M.MEER TREVOR REES-JONES HARRY S.WELCH THOS. R. HARTNETT III H.L.HITCHINS, JR. WILLIAM L.MEINERNEY WILLIAM G.WEBB LEWIS CHANDLER SNOWDEN M. LEFTWICH, JR. WILLIAM C HERNDON, JR.

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Commissioner of Public Lands of the State of New Mexico State Land Office Capitol Annex Building Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico State Land Office Capitol Annex Building Santa Fe, New Mexico

> Re: San Juan 30-4 Unit Agreement Rio Arriba County, New Mexico

Gentlemen:

This will advise that the above captioned Unit Agreement was approved by the Acting Director of the United States Geological Survey on September 11, 1953. Upon preparation of conformed copies of this Agreement, we will, of course, furnish same to all interested parties on behalf of the Unit Cperator, El Paso Natural Gas Company.

Yours very truly,

TURNER, WHITE, ATWOOD, MCLANE and FRANCIS By

Webb William G.

WGW:mch