



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 2612A
Albuquerque, New Mexico 87125

MAR 06 1978

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

Rep. 674

Gentlemen:

Three approved copies of your 1978 plan of development for the San Juan 29-7 unit area, Rio Arriba County, New Mexico, proposing the drilling of three Dakota and sixteen Mesaverde wells 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.) GENE F. DANIEL

GENE F. DANIEL
Acting Area Oil & Gas Supervisor

Enclosures

CC:
NMOCC, Santa Fe (ltr. only) *← this copy for*
Com. Pub. Lands, Santa Fe (ltr. only)

MAR 07 1978
GEOLOGICAL SURVEY
U.S. DEPARTMENT OF THE INTERIOR

Tenneco Oil Company

A Tenneco Company

The Galleria-Penthouse
720 South Colorado Blvd.
Denver, Colorado 80222
(303) 758-7130



February 21, 1978

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

Re: San Juan 29-7 Unit
Dakota Participating Area
Wells #109, #110 & #112

Gentlemen:

We have reviewed your letter of February 6, 1978 and also have received Continental's February 14 reply again rejecting your proposal.


Tenneco concurs with Continental's conclusion, and we must also emphasize the fact that your position ignores basic rules of construction of the provisions of the Unit Agreement. You have concluded that three widely separated, non-contiguous tracts must be combined as a single participating area simply because of similarity of producing intervals. This conclusion would render meaningless the clear language of Section 11(b) quoted in our November 30, 1977 letter requiring consent of all affected working interest owners for such a combination of separate tracts. This particular provision was deleted from the revision of the standard unit form proposed by the USGS December 9, 1976, but it still remains in the San Juan 29-7 Unit Agreement and must be given its logical interpretive effect.

While we still see no justifiable basis for El Paso's actions, Tenneco's personnel are certainly willing to meet with you before one or more of the regulatory agencies as you suggest in your February 6, 1978 letter.

Very truly yours,

TENNECO OIL COMPANY

By:


Millard F. Carr
Division Attorney

MFC/ps

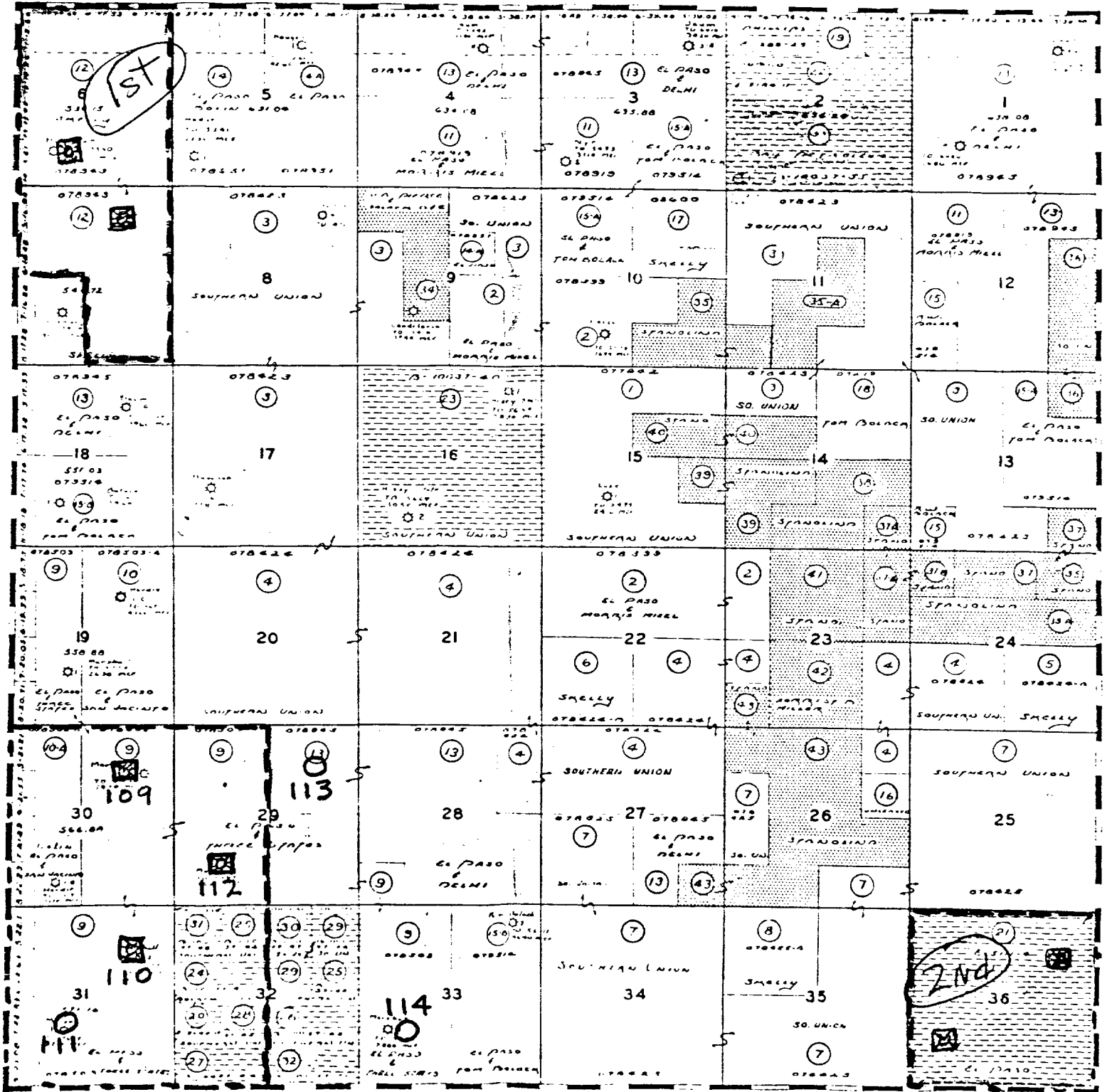
cc: Commissioner of Public Lands, Box 2048, Santa Fe, N.M. 87501
New Mexico Oil Conservation Commission, Box 2088, Santa Fe, N.M. 87501
U.S. Geological Survey, Drawer 1857, Roswell, N.M. 88201
Continental Oil Company, P.O. Box 460, Hobbs, N.M. 88240

L.L. Parish

R

7

W





L. P. Thompson
Division Manager

E. L. Oshio
Assistant Division Manager

Production Department
Hobbs Division
North American Production

Continental Oil Company
P.O. Box 460
1001 North Turner
Hobbs, New Mexico 88240
(505) 393-4141

February 14, 1978

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

77. 674

Attention Mr. D. N. Canfield

Gentlemen:

San Juan 29-7 Unit - Dakota Participating Area

Your letter dated February 6, 1978 has been received and reviewed. The position which you have taken in this matter is inconsistent with your position in similar situations in other units. You probably recall the meetings which we and Tenneco held with you in regard to the expansion of the Dakota Participating Area in the San Juan 28-7 Unit. It was then your firm position that expansions of the participating area must be restricted to a proration unit basis, even though the unit was surrounded by Dakota gas development which essentially proved the productivity of Tenneco-Conoco acreage outside the participating area. You probably also recall that it was a Tenneco-Conoco financed drilling program which supported our contention and permitted the expansion of the participating area to the unit boundary.

In the present case, there were two areas of Dakota productivity within the San Juan 29-7 Unit. One was in the Southeast extremity of the unit, and the other was in the Northwest extremity. These productive areas are separated one from another by approximately six miles of undeveloped acreage. At Tenneco-Conoco insistence, Wells 109, 110, and 112 were financed by Tenneco-Conoco in the Southwest extremity of the unit where our acreage is concentrated. The developed area in the Southwest portion of the Unit is separated from the other two producing areas by at least three miles of undeveloped acreage. Contrary to your position in similar situations, you now wish to consolidate these three areas into a single participating area.



El Paso Natural Gas Company
February 14, 1978
Page 2

Tenneco and Conoco have no interest in the participating area previously established and, therefore, had no voice in the creation of that area. We do, however, have a majority interest in the area in the Southwest portion of the unit; and we will resist any attempt to consolidate the area in the present "participating area" until the intervening area has been proven by drilling to be productive of gas in commercial quantities from the Dakota formation. We are quite willing to support this drilling to the extent required under the Unit and Operating Agreement, and have no objection to the drilling which would prove your contention that the participating areas are producing from a common source of supply.

We feel this position is consistent with past actions and request that you prepare the necessary applications to the regulatory agencies, establishing a separate participating area for the area proven by Wells 109, 110, and 112.

Yours very truly,

VTL/jj

CC:

Commissioner of Public Lands, Box 2048, Santa Fe, NM 87501

✓ New Mexico Oil Conservation Commission, Box 2088, Santa Fe, NM 87501

U.S. Geological Survey, Drawer 1857, Roswell, NM 88201

Tenneco Oil Company, 720 S. Colorado Blvd., Denver, CO 80222

C. F. Ellis, Houston

D. M. Goodfellow, Midland

February 6, 1978

Tenneco Oil Company
720 South Colorado Boulevard
Denver, Colorado 80222
Attention: Mr. L.L. Parish
Division General Manager

Continental Oil Company
Post Office Box 460
Hobbs, New Mexico 88240
Attention: Mr. D.A. Sowers
Production Superintendent

75-1077

Gentlemen:

We have reviewed your letters of November 30, 1977 and December 6, 1977, in which you propose the creation of a new Dakota Participating Area for the San Juan 29-7 Unit rather than the expansion of the existing participating area as a consequence of the completion of the San Juan 29-7 Unit #109, #110 and #112 wells. Our Reservoir Engineering Department believes that electric log correlations demonstrate that all elements of the Dakota producing interval are present in all unit wells and therefore that the aforementioned wells do not indicate the existence of a separate pool or deposit.

We will be glad to correspond further with you concerning this matter or, should you prefer, to arrange a meeting before the regulatory agencies to resolve the matter.

Very truly yours,



D. N. Canfield
Director of Land
Energy Resource Development

DNC:JRP:sas
cc: San Juan 29-7 W.I. Owners
Commissioner of Public Lands
Oil Conservation Commission
United States Geological Survey

SAN JUAN 29-7 UNIT
WORKING INTEREST OWNERS

American Petrofina Company of Texas

Amoco Production Company (3)

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

Getty Oil Company

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

Mr. Jerome P. McHugh
c/o Jerome P. McHugh & Associates

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mize

Northwest Pipeline Corporation

(Northwest Production Corporation)

Phillips Petroleum Company

Mr. J. A. Pierce

Shenandoah Oil Corporation

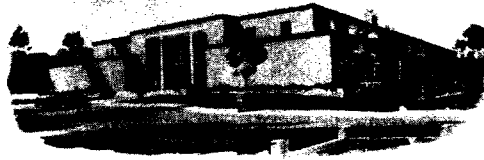
Mr. Vincent F. Shryack

Southern Union Production Company

Southland Royalty Company

Tenneco Oil Company

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

January 19, 1978

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

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1978 DRILLING PROGRAM

ATTENTION: Mr. D. N. Canfield

Mr. 674

Gentlemen:

The Commissioner of Public Lands has this date approved your 1978 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico. Your plan calls for the drilling of three Dakota wells and sixteen Mesaverde wells during 1978. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

PRL/RDG/s
encs.
cc:

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

RECEIVED
JAN 20 1978
Oil Conservation Commission

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 17, 1978

C
O
P
Y

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

Attention: D. N. Canfield

Re: Case No. 674
San Juan 29-7 Unit
1978 Drilling Program

Gentlemen:

We hereby approve the 1978 Drilling Program for the San Juan 29-7 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.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/LT/fd
enc.

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

January 11, 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

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

Re: San Juan 29-7 Unit #14-08-001-1650
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 29-7 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1977 providing for the drilling of Dakota Wells Nos. 109, 110 and 111. By letter dated June 16, 1977, El Paso Natural Gas Company filed an amendment to said Drilling Program providing for the substitution of Well No. 112 for Well No. 111. Said wells have been completed as wells capable of producing unitized substances in paying quantities; therefore, these wells will cause an expansion of the existing Dakota Participating Area or the creation of a separate Dakota Participating Area.

As of this date, the total number of wells in the San Juan 29-7 Unit is as follows:

Pictured Cliffs	2
Dakota, Commercial	7
Mesaverde, Plugged & Abandoned	2
Mesaverde, Commercial	72
	<u>80</u>

Pursuant to Section 10 of the San Juan 29-7 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following wells during the calendar year 1978.

January 11, 1978

<u>Well No.</u>	<u>Location</u>	<u>Formation</u>
111	Lots 5, 6, 7, 8, E/2 W/2 (W/2) of Section 31, T-29-N, R-7-W	Dakota
113	E/2 Section 29, T-29-N, R-7-W	Dakota
114	W/2 Section 33, T-29-N, R-7-W	Dakota
33A	E/2 Section 13, T-29-N, R-7-W	Mesaverde
35A	E/2 Section 9, T-29-N, R-7-W	Mesaverde
38A	E/2 Section 12, T-29-N, R-7-W	Mesaverde
47A	E/2 Section 2, T-29-N, R-7-W	Mesaverde
48A	E/2 Section 8, T-29-N, R-7-W	Mesaverde
55A	E/2 Section 36, T-29-N, R-7-W	Mesaverde
64A	E/2 Section 11, T-29-N, R-7-W	Mesaverde
69A	E/2 Section 25, T-29-N, R-7-W	Mesaverde
79A	W/2 Section 5, T-29-N, R-7-W	Mesaverde
71A	E/2 Section 24, T-29-N, R-7-W	Mesaverde
76A	W/2 Section 18, T-29-N, R-7-W	Mesaverde
78A	W/2 Section 30, T-29-N, R-7-W	Mesaverde
82A	E/2 Section 4, T-29-N, R-7-W	Mesaverde
88A	W/2 Section 6, T-29-N, R-7-W	Mesaverde
89A	W/2 Section 7, T-29-N, R-7-W	Mesaverde
94A	W/2 Section 19, T-29-N, R-7-W	Mesaverde

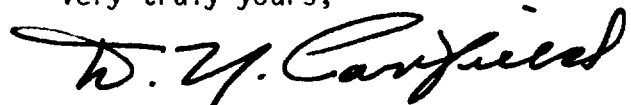
All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners, believe that all current obligations have been satisfied.

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,



D. N. Canfield
Director of Land
Energy Resource Development

DNC:RHN:sas
Attachments
SJ 29-7 Unit, 3.0

APPROVED:

Regional Oil & Gas Supervisor
United States Geological Survey
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission)

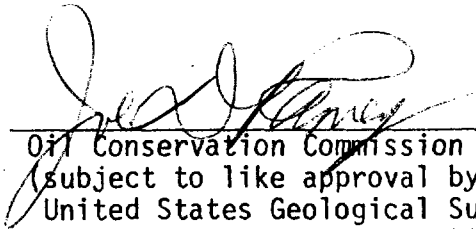
DATED: _____

APPROVED:

Commissioner of Public Lands
(subject to like approval by the
United States Geological Survey
& the Oil Conservation Commission)

DATED: _____

APPROVED:


Oil Conservation Commission
(subject to like approval by the
United States Geological Survey
& the Commissioner of Public Lands)

DATED: 1/18/78

The foregoing approvals are for the 1977 Drilling Program for the
San Juan 29-7 Unit #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
WORKING INTEREST OWNERS

American Petrofina Company of Texas

Amoco Production Company (3)

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

Getty Oil Company

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

Mr. Jerome P. McHugh
c/o Jerome P. McHugh & Associates

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mizel

Northwest Pipeline Corporation

(Northwest Production Corporation)

Phillips Petroleum Company

Mr. J. A. Pierce

Shenandoah Oil Corporation

Mr. Vincent F. Shryack

Southern Union Production Company

Southland Royalty Company

Tenneco Oil Company

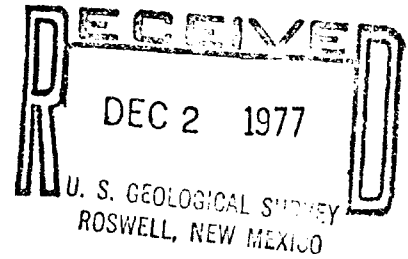
Tenneco Oil Company

A Tenneco Company

The Galleria-Penthouse
720 South Colorado Blvd.
Denver, Colorado 80222
(303) 758-7130



November 30, 1977



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

Attention: Mr. R.H. Nordhausen

Re: Application for Third Expansion
of Dakota Participating Area
San Juan 29-7 Unit, #14-08-001-1650
Rio Arriba County, New Mexico
PA-70-C

Gentlemen:

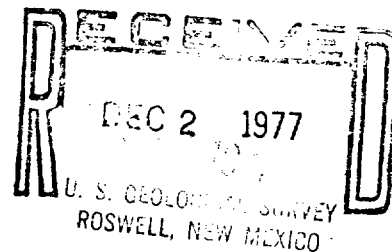
We have received your Notice of November 4, 1977 recommending that application be made to the appropriate regulatory bodies for approval of a third expansion of the existing Dakota Participating Area brought on by the completion of the Unit wells #109, #110 and #112. El Paso proposed the third expansion to include the following acreage as proven productive by completion of these Dakota wells:

Township 29 North, Range 7 West, N.M.P.M.

Section 29: W/2
Section 30: All
Section 31: All
Section 32: W/2

containing 1,778.04 acres.

Tenneco Oil Company, as a Dakota working interest owner in this acreage, approves such 1,778.04 acre tract as reasonably proven by wells #109, #110 and #112 to be productive of unitized substances in paying quantities and as constituting a separate pool or deposit of unitized substances in the Dakota formation. However, Tenneco does not approve the combination of such a 1,778.04 acre participating area with the present Dakota participating area as a third expansion thereto.



Page Two

El Paso Natural Gas Company

November 30, 1977

Approved

Section 11(b) of the Unit Agreement authorizes establishment of a participating area "for each separate pool or deposit" and the 1,778.04 acre tract must be considered "separate" from the existing Dakota participating tracts two miles to the north and 4½ miles to the west. Section 11(b) goes on to state that "two or more participating areas ... may be combined into one with the consent of the owners of all working interests in the lands within the participating areas so to be combined ...". As an affected working interest owner, Tenneco Oil Company expressly refuses to consent to your proposed combination of such separate Dakota participating areas.

Yours very truly,

TENNECO OIL COMPANY

By: *L.L. Parish*
L.L. Parish
Division General Manager *WRE*

LLP/MFC/ps

CERTIFIED MAIL

cc: Unit Dakota Working Interest Owners

U.S. Geological Survey

RMCCC, Santa Fe

El Paso NATURAL GAS
COMPANY

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

July 19, 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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
AMENDMENT TO 1977 DRILLING PROGRAM

Gentlemen:

The amendment proposed in our letter dated June 16, 1977 to the 1977 Drilling Program for the captioned unit was approved by the regulatory agencies on the dates indicated:

U.S.G.S.
6/27/77

CPL
6/24/77

OCC
7/5/77

A copy of this letter is being sent to each working interest owner of the captioned unit.

Very truly yours,



R. H. Nordhausen
Senior Landman
Land Department
Energy Resource Development

RHN:sas
SJ 29-7 Unit 3.0

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company

Southland Royalty Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

Mrs. Catherine B. McElvain

Mr. Jerome P. McHugh

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mizel

Northwest Pipeline Corporation

Northwest Production Corporation

Phillips Petroleum Company

Mr. J. A. Pierce

Shenandoah Oil Corporation

Mr. Vincent F. Shryack

Getty Oil Company

Southern Union Production Company

Tenneco Oil Company



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501



DIRECTOR
JOE D. RAMEY

LAND COMMISSIONER
PHIL R. LUCERO

STATE GEOLOGIST
EMERY C. ARNOLD

July 5, 1977

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

Attention: Mr. D. N. Canfield

Re: Amendment to 1977 Drilling Program,
San Juan 29-7 Unit, Rio Arriba
County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Amendment to the 1977 Drilling Program as described in your letter dated June 16, 1977, for the San Juan 29-7 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,

JOE D. RAMEY
Secretary-Director

JDR/JEK/og

cc: U. S. Geological Survey
Roswell, N. Mex.

Commissioner of Public Lands
Santa Fe, New Mexico



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
P. O. Box 26124

Albuquerque, New Mexico 87125

JUN 28 1977

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

Gentlemen:

Your amendment to the 1977 plan of development for the San Juan 29-7 unit agreement, Rio Arriba County, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such amendment replaces proposed Dakota unit well No. 111 in the W $\frac{1}{4}$ sec. 31, T. 29 N., R. 7 W., N.M.P.M., with another Dakota unit well, No. 112, which is to be drilled in the W $\frac{1}{4}$ sec. 29, T. 29 N., R. 7 W., N.M.P.M.

Sincerely yours,

(ORIG. SGD.) CARL C. FRAYNECK

Area Oil and Gas Supervisor

cc: NMOCC, Santa Fe (ltr. only) ← This Copy for
Comm. Pub. Lands, Santa Fe (ltr. only)

El Paso NATURAL GAS
COMPANY

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

June 16, 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
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
AMENDMENT TO 1977 DRILLING PROGRAM

Gentlemen:

By letter dated February 25, 1977, El Paso Natural Gas Company, as Unit Operator submitted a Drilling Program providing for the drilling of the following wells during the calendar year 1977.

<u>Well No.</u>	<u>Location</u>	<u>Formation</u>
109	E/2 Section 30, T-29-N, R-7-W	Dakota
110	E/2 Section 31, T-29-N, R-7-W	Dakota
111	Lots 5,6,7,8, E/2 W/2 (W/2) Section 31, T-29-N, R-7-W	Dakota

Said Drilling Program was approved by the United States Geological Survey, Commissioner of Public Lands and the Oil Conservation Commission on March 30, 1977, March 8, 1977 and March 30, 1977, respectively.

Regional Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Two

Subsequently, one of the working interest owners requested that said Drilling Program be amended by changing the well number and location of one of the wells. Accordingly, El Paso Natural Gas Company, as Unit Operator, proposed to the working interest owners that the 1977 Drilling Program be amended by substituting for Well No. 111 on the W/2 of Section 31, T-29-N, R-7-W, Dakota Well No. 112 on the W/2 of Section 29, T-29-N, R-7-W.

All working interest owners have been contacted, and the necessary concurrence to such proposal has been received.

If this Amendment to the 1977 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,

A handwritten signature in black ink, appearing to read "D. N. Canfield", written in a cursive style.

D. N. Canfield
Director of Land
Energy Resource Development

DNC/RHN/mb
Attachments
San Juan 29-7 Unit, 3.0

APPROVED:

DATE:

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


APPROVED:

DATE:

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

APPROVED:

DATE: July 5, 1977


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 Amendment dated June 16, 1977 to the 1977 Drilling Program for the San Juan 29-7 Unit #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company

Southland Royalty Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

Mrs. Catherine B. McElvain

Mr. Jerome P. McHugh

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mize

Northwest Pipeline Corporation

Northwest Production Corporation

Phillips Petroleum Company

Mr. J. A. Pierce

Shenandoah Oil Corporation

Mr. Vincent F. Shryack

Getty Oil Company

Southern Union Production Company

Tenneco Oil Company



United States Department of the Interior

GEOLOGICAL SURVEY

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

MAR 30 1977

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

Gentlemen:

The 1977 plan of development submitted for the San Juan 29-7 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 three Dakota wells on lands outside the existing participating area.

Three approved copies are enclosed.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Area Oil and Gas Supervisor

Enclosures

cc: NMOCC, Santa Fe (ltr. only) ← This Copy for
Com. Pub. Lands, Santa Fe (ltr. only)

674

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

March 30, 1977

C
O
P
Y

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

Attention: Mr. D. N. Canfield

Re: 1977 Drilling Program
San Juan 29-7 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 three Dakota wells for the San Juan 29-7 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,

JOE D. RAMEY
Secretary-Director

JDR/JEK/og

cc: Commissioner of Public Lands
Land Office Building
Santa Fe, New Mexico

U. S. Geological Survey
Roswell, New Mexico

February 25, 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
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1977 DRILLING PROGRAM

Gentlemen:

By letter dated December 19, 1975, El Paso Natural Gas Company, as Unit Operator of the San Juan 29-7 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1976 providing for the drilling of no wells and none were drilled.

As of this date, the total number of wells in the San Juan 29-7 Unit is as follows:

Pictured Cliffs	2
Dakota, Commercial	4
Mesaverde, Plugged & Abandoned	2
Mesaverde, Commercial	<u>72</u>
	80

Pursuant to Section 10 of the San Juan 29-7 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following wells during the calendar year 1977.

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

<u>Well No.</u>	<u>Location</u>	<u>Formation</u>
109	E/2 Section 30, T-29-N, R-7-W	Dakota
110	E/2 Section 31, T-29-N, R-7-W	Dakota
111	Lots 5, 6, 7, 8, E/2 W/2 (W/2) of Section 31, T-29-N, R-7-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.

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,



D. N. Canfield
Director of Land
Energy Resource Development

DNC/DW/mb

Attachments

San Juan 29-7 Unit, 3.0

APPROVED: _____

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

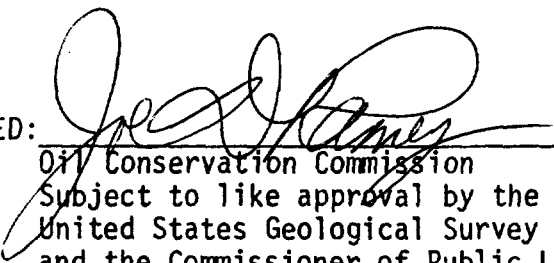
DATE: _____

APPROVED: _____

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

DATE: _____

APPROVED: _____


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

DATE: March 30, 1977

The foregoing approvals are for the 1977 Drilling Program for the
San Juan 29-7 Unit #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

Mrs. Catherine B. McElvain

Mr. Jerome P. McHugh

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mizel

Northwest Pipeline Corporation

Northwest Production Corporation

Phillips Petroleum Company

Mr. J. A. Pierce

Shenandoah Oil Corporation

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company



United States Department of the Interior

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 29-7 unit area, Rio Arriba County, New Mexico, was received in this office on December 29, 1975. 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 29-7 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 for
NMOCC, Santa Fe
Com. Pub. Lands, Santa Fe

JAGILLHAM:1m:122976

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 8, 1976

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

Attention: Mr. D. N. Canfield

Re: 1976 Drilling Program,
San Juan 29-7 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 1976 providing for the drilling of no wells for the San Juan 29-7 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.

Two approved copies of the program are returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/JEK/og

cc: United States Geological Survey
Roswell, New Mexico

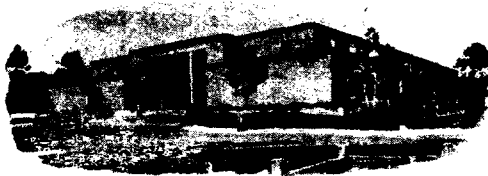
Commissioner of Public Lands
Santa Fe, New Mexico

State of New Mexico

TELEPHONE
505-827-2748



PHIL R. LUCERO
COMMISSIONER



Commissioner of Public Lands
January 6, 1976

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

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

Re: San Juan 29-7 Unit
1976 DRILLING PROGRAM
Rio Arriba County, New Mexico

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1976 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico. Such program proposes the drilling of no wells during the year 1976. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

In the future please submit Three (3) copies of your Plan of Development to this office. We shall retain two copies and return one approved copy to you.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Department

PRL/RDG/s

encl.

cc:

USGS-Roswell, New Mexico

OCC- Santa Fe, New Mexico

December 19, 1975

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1976 DRILLING PROGRAM

Gentlemen:

By letter dated November 21, 1974, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1975 providing for the drilling of no wells.

As of this date, the total number of wells drilled in the San Juan 29-7 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs	2
Dakota, Commercial	4
Mesaverde, Plugged & Abandoned	2
Mesaverde, Commercial	<u>72</u>
	80

Pursuant to Section 10 of the San Juan 29-7 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 year.

Regional Oil & Gas Supervisor
Commissioner of Public Lands
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,

A handwritten signature in cursive script, reading "D. N. Canfield".

D. N. Canfield
Director of Land
Energy Resource Development

DNC:DW:nm
Enclosures
San Juan 29-7 Unit, 3.0

APPROVED: _____

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

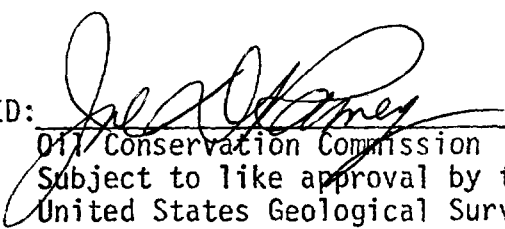
DATE: _____

APPROVED: _____

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

DATE: _____

APPROVED: _____


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

DATE: _____

January 8, 1976

The foregoing approvals are for the 1976 Drilling Program for the
San Juan 29-7 Unit #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

Mrs. Catherine B. McElvain

Mr. Jerome P. McHugh

Mesa Petroleum Company

Mabelle M. Miller

Mr. Morris Mizel

Northwest Pipeline Corporation

Northwest Production Corporation

Phillips Petroleum Company

Mr. J. A. Pierce

Shenandoah Oil Corporation

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company

El Paso Natural Gas Company

El Paso, Texas 79901

March 21, 1975

Regional Oil & Gas Supervision
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: 1975 Drilling Programs

Gentlemen:

The 1975 Drilling Programs for the listed units were approved by the regulatory bodies on the dates indicated.

APPROVAL

<u>Unit</u>	<u>USGS</u>	<u>CPL</u>	<u>OCC</u>
San Juan 27-4	12-2-74	N/A	12-5-74
San Juan 28-4	12-2-74	N/A	12-5-74
San Juan 29-4	12-18-74	N/A	12-4-74
✓ San Juan 29-7	1-6-75	12-3-74	12-5-74
San Juan 30-6	1-6-75	12-3-74	12-5-74
San Juan 32-5	1-6-75	11-1-74	12-5-74
Huerfanito	1-6-75	11-12-74	12-5-74
Huerfano	1-15-75	12-27-74	1-8-75
Lindrieth	12-18-74	11-18-74	12-5-74
Rincon	1-6-75	12-3-74	12-5-74

COPY



United States Department of the Interior

GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

January 6, 1975

674

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

Gentlemen:

Three approved copies of your 1975 plan of development for the San Juan 29-7 unit area, Rio Arriba County, New Mexico, proposing the drilling of no additional wells, 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,

(OFFICIAL COPY)

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

December 5, 1974

674

C
O
P
Y

El Paso Natural Gas Company
Box 1492
El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Re: 1975 Drilling Program,
San Juan 29-7 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 1975 for the San Juan 29-7 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
Box 1857
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands

December 3, 1974

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

674

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1975 DRILLING PROGRAM

ATTENTION: Mr. D. N. Confield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1975 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, proposing the drilling of no wells during the year 1975. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed is one approved copy of the plan.

Please remit a three (\$3.00) Dollar filing fee.

Very truly yours,

RAY D. GRANAY, Director
Oil and Gas Division

AJA/RDG/s

encl.

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

El Paso Natural Gas Company

El Paso, Texas 79978

November 21, 1974

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1975 DRILLING PROGRAM

Gentlemen:

By letter dated January 28, 1974, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1974 providing for the drilling of no wells.

As of this date, the total number of wells drilled in the San Juan 29-7 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs	2
Dakota, Commercial	4
Mesaverde, Plugged & Abandoned	2
Mesaverde, Commercial	<u>72</u>
	80

Pursuant to Section 10 of the San Juan 29-7 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1975 providing for the drilling of no wells during the year 1975.

Regional Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Two

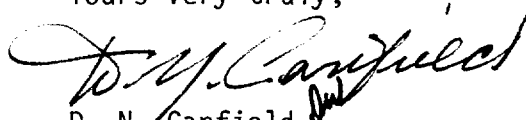
All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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 and 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:km
Enclosures
San Juan 29-7 Unit, 3.0

APPROVED: _____ DATE: _____
Regional Oil & Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

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

APPROVED:  DATE: December 5, 1974
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 1975 Drilling Program for the
San Juan 29-7 Unit #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

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

Mr. Jerome P. McHugh

Mesa Petroleum Co.

Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Northwest Pipeline Corporation

Northwest Production Corporation (2)

Phillips Petroleum Company

Mr. J. A. Pierce

Shenandoah Oil Corp.

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company

El Paso Natural Gas Company

El Paso, Texas 79918

March 11, 1974

674

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

MAILED
MAR 14 1974
U.S. GEOLOGICAL SURVEY
ROSWELL, N.M.

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
APPROVAL OF THE SECOND REVISION
OF THE PARTICIPATING AREA FOR THE
DAKOTA FORMATION

Gentlemen:

This is to advise that the captioned Expansion for the San Juan 29-7 Unit was approved by the Regulatory Bodies on the following dates:

United States Geological Survey	February 19, 1974
Commissioner of Public Lands	March 5, 1974
Oil Conservation Commission	February 25, 1974

Copies of this letter are being sent to the working interest owners of the San Juan 29-7 Unit.

Yours very truly,



Alan Alexander
Landman
Land Department
Energy Resource Development

AA:sn
S.J. 29-7 Unit 4.3

cc: Mr. Antonio Martinez
New Mexico Oil & Gas
Accounting Commission

El Paso Natural Gas Company

El Paso, Texas 79978

March 8, 1974

674

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

RECEIVED
MAR 14 1974
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1974 DRILLING PROGRAM

Gentlemen:

This is to advise that the captioned Drilling Program was approved by the Regulatory Agencies on the following dates:

United States Geological Survey	-	February 19, 1974
Commissioner of Public Lands	-	February 6, 1974
Oil Conservation Commission	-	February 25, 1974

Copies of this letter are being sent to the working interest owners of the San Juan 29-7 Unit.

Yours very truly,



Alan Alexander
Landman
Land Department
Energy Resource Development

AA:mcv
SJ 29-7, 3.0

SAN JUAN 29-7
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

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

Mr. Jerome P. McHugh

Mesa Petroleum Company (2)

Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Northwest Pipeline Corporation

Northwest Production Corp. (2)

Phillips Petroleum Company

Mr. J. A. Pierce

Prudential Minerals Exploration Corp.

Mr. Vincent F. Shryack

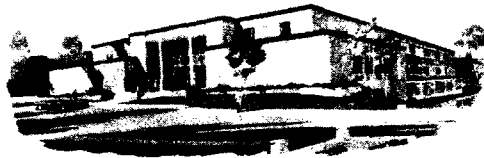
Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company

State of New Mexico

674
TELEPHONE
505-827-2748



Commissioner of Public Lands

March 5, 1974

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE
SECOND EXPANDED PARTICIPATING AREA,
DAKOTA FORMATION
Effective August 1, 1973

ATTENTION: Mr. James R. Permenter

Gentlemen:

The Commissioner of Public Lands has this date approved the Second Expanded Participating Area, Dakota Formation, for the San Juan 29-7 Unit. This approval is subject to like approval by the New Mexico Oil Conservation Commission. The United States Geological Survey approved this expansion February 19, 1974.

Enclosed is one approved copy for your files.

Since only three (3) copies were received by this office, we are not sending any to the Oil Conservation Commission.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s

encls.

cc: OCC- Santa Fe, New Mexico (ltr. only) ✓
USGS- Roswell, New Mexico (ltr. only)

P. S. The Oil Conservation Commission approved the expansion February 25, 1974.

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 25, 1974

674

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

Attention: Mr. D. N. Canfield

Re: 1974 Drilling Program,
San Juan 29-7 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 29-7 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: Commissioner of Public Lands - Santa Fe
U. S. Geological Survey - Roswell

C
O
P
Y

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 25, 1974

674

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

Attention: Mr. James R. Permenter

Re: Second Expanded Dakota Participating
Area, San Juan 29-7 Unit, Rio Arriba
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Second Expanded Participating Area of the Dakota Formation for the San Juan 29-7 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/JEK/og

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

C

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P

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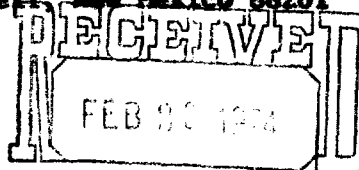


United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857

Roswell, New Mexico 88201



February 19, 1974

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

OIL CONSERVATION COMM.
Santa Fe

Gentlemen:

The second revision of the Dakota participating area for the San Juan 29-7 unit agreement, Rio Arriba County, New Mexico, No. 14-08-001-1650, was approved on February 19, 1974, by the Acting Area Oil and Gas Supervisor, U. S. Geological Survey, effective as of August 1, 1973. By such revision, the Dakota participating area is enlarged to 1602.71 acres.

The second revision of the Dakota participating area proposes all of sec. 36, T. 29 N., R. 7 W., N.M.P.M., and is based on the completion of unit wells No. 105 and No. 106 in sec. 36 in August 1973 as paying wells pursuant to the terms of the unit agreement.

Copies of the approved application are being distributed to the Federal offices involved, and three copies are returned herewith. You are requested to furnish the State of New Mexico and all interested parties with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SGD.) CARL C. TRAYWICK

CARL C. TRAYWICK

Acting Area Oil and Gas Supervisor

cc:

BIM, Santa Fe (ltr. only)

Durango (w/cy of appln.)

N.M.O.C.C., Santa Fe (ltr. only) ✓

Com. Pub. Lands, Santa Fe (ltr. only)

JMonro:lh

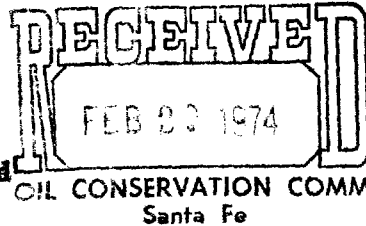


United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

February 19, 1974



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

Gentlemen:

On this date, your 1974 plan of development for the San Juan 29-7 unit area, Rio Arriba County, New Mexico, wherein you propose the drilling of no additional wells with the affirmation to drill any well that may be required to prevent drainage of unitized substances, was approved. Such approval is subject to like approval by the appropriate officials of the State of New Mexico and three approved copies of the plan are enclosed.

Sincerely yours,

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

cc:
NMOCC, Santa Fe (1tr only)
Com. Pub. Lands, Santa Fe (1tr only)
Durango (w/cy plan)

JAGillham:ds

El Paso Natural Gas Company

El Paso, Texas 79928

February 7, 1974

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE
SECOND EXPANDED PARTICIPATING AREA,
DAKOTA FORMATION
Effective August 1, 1973

Gentlemen:

Pursuant to the provisions of Section 11(b) of the San Juan 29-7 Unit Agreement #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Second Expanded Participating Area of the Dakota Formation, which includes, in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands:

SECOND EXPANDED PARTICIPATING AREA - Effective August 1, 1973

<u>Description of Lands</u>	<u>Acres</u>
Township 29 North, Range 7 West, N.M.P.M. Section 36: All	640.00

These lands are proven to be productive by the following wells:

The San Juan 29-7 Unit #105 well, located 825' from the North line and 1145' from the East line of Section 36,

Township 29 North, Range 7 West, N.M.P.M., was spudded on May 30, 1973, and completed on August 2, 1973, at a total depth of 7777'. The Dakota Formation in the intervals of 7526', 7528', 7538', 7540', 7638', 7640', 7682', 7684', 7705', 7712', 7715', 7734', 7736', 7756', 7758', was treated with a sand-water fracturing process on August 1, 1973. The well was shut-in on August 3, 1973, and after being shut-in for eight (8) days the Dakota Formation was tested on August 11, 1973, and after a three-hour blow-down period the well gauged 3510 MCF/D through a 3/4" choke and 3633 MCF/D by the calculated absolute open-flow method, with an SIPC of 2727 psia and an SIPT of 1846 psia.

The San Juan 29-7 Unit #106 well, located 1650' from the South line and 1840' from the West line of Section 36, Township 29 North, Range 7 West, N.M.P.M., was spudded on June 11, 1973, and completed on August 12, 1973, at a total depth of 8115'. The Dakota Formation in the intervals of 7862', 7880', 7960', 7962', 7988', 8010', 8030', 8072', was treated with a sand-water fracturing process on August 10, 1973. The well was shut-in on August 12, 1973, and after being shut-in for ten (10) days the Dakota Formation was tested on August 22, 1973, and after a three-hour blow-down period the well gauged 4673 MCF/D through a 3/4" choke and 4845 MCF/D by the calculated absolute open-flow method, with an SIPC of 2685 psia and an SIPT of 1701 psia.

In support of this application, the following listed Exhibits are made a part hereof:

EXHIBIT "A"

Ownership map reflecting the boundaries of the Unit and the proposed Second Expansion of the Dakota Participating Area.

EXHIBIT "B"

Geological report on the Second Expansion of the Dakota Participating Area within the San Juan 29-7 Unit.

EXHIBIT "C"

Plate No. 1: San Juan 29-7 Subsurface Structure Contour Map.
Plate No. 2: San Juan 29-7 Isopachous Map.

EXHIBIT "D"


Schedule of Dakota Area Production.

Attached is Schedule III, which shows the proposed Second Expanded Participating Area for the Dakota Formation in the San Juan 29-7 Unit Area. This schedule describes the Expanded Participating Area, shows the percentages of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

If this Second Expanded Participating Area of the Dakota Formation meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.

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

Yours very truly,



James R. Permenter
Supervising Landman
Land Department
Energy Resource Development

JRP:AEA:sn
Enclosures

S.J. 29-7, 4.3
NM-6828

cc: Mr. Antonio Martinez
Executive Director
New Mexico Oil and Gas
Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

APPROVED: _____

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


DATE: _____

APPROVED: _____

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

DATE: _____

APPROVED: _____

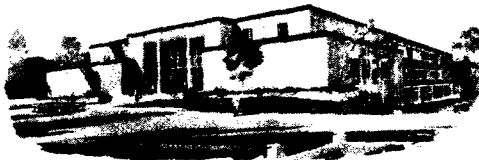

Oil Conservation Commission
Subject to like approval by the
United States Geological Survey
and the Commissioner of Public Lands

DATE: February 25, 1974

The foregoing approvals are for the Second Expanded Participating Area of the Dakota Formation for the San Juan 29-7 Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

State of New Mexico

674
TELEPHONE
505-827-2748



Commissioner of Public Lands

February 6, 1974

ALEX J. ARMIJO
COMMISSIONER

P. O. Box 9148
SANTA FE, NEW MEXICO

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1974 DRILLING PROGRAM

ATTENTION: Mr. D. M. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1974 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, proposing the drilling of no wells during the year 1974. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed is one approved copy of the plan.

Please remit a three (\$3.00) Dollar filing fee.

Very truly yours,

RAY D. GRAMAM, Director
Oil and Gas Division

AJA/EDG/s
encl.
cc:

UEGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79978

January 28, 1974

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1974 DRILLING PROGRAM

Gentlemen:

By letter dated February 9, 1973, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1973 providing for the drilling of two Dakota wells and one Pictured Cliffs well.

Well #104 was completed outside the existing Pictured Cliffs Participating Area and caused the initial expansion of said Participating Area. Dakota wells #105 and #106 were completed as wells capable of producing unitized substances in paying quantities and should occasion the second Dakota Participating Area effective August 1, 1973.

As of this date, the total number of wells drilled in the San Juan 29-7 Unit on acreage committed to the Unit is as follows:

January 28, 1974

Pictured Cliffs	2
Dakota, Commercial	4
Mesaverde, Plugged & Abandoned	2
Mesaverde, Commercial	<u>72</u>
	80

Pursuant to Section 10 of the San Juan 29-7 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 1974.


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,



D. N. Canfield
Manager
Land Department
Energy Resource Development

DNC: AA: sv
Enclosures
S.J. 29-7 Unit, 3.0

APPROVED: _____ DATE: _____

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

APPROVED: _____ DATE: _____

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

APPROVED:  _____ DATE: February 28, 1974

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 1974 Drilling Program for the San Juan
29-7 Unit #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

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

Mr. Jerome P. McHugh

Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Northwest Pipeline Corporation

Northwest Production Corporation (2)

Phillips Petroleum Company

Mr. J. A. Pierce

Prudential Minerals Exploration Corporation

Mesa Petroleum Company (2)

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

August 22, 1973

674

C
O
P
Y

El Paso Natural Gas Company
Box 1492
El Paso, Texas

Attention: Mr. James R. Permenter

Re: First Expanded Pictured Cliffs
Participating Area, San Juan
29-7 Unit, Rio Arriba County,
New Mexico

Gentlemen:

Six copies of your First Expanded Participating Area of the Pictured Cliffs Formation for the San Juan 29-7 Unit have been received. One copy has been retained and five copies forwarded to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

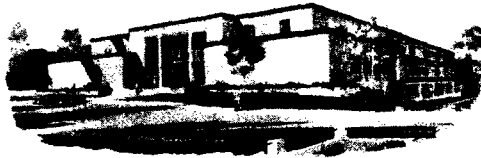
ALP/JEK/og

cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico

State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands
August 20, 1973

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 9148
SANTA FE, NEW MEXICO

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
FIRST EXPANDED PARTICIPATING AREA
Pictured Cliffs Formation
Effective August 1, 1973

ATTENTION: Mr. James R. Permenter

Gentlemen:

This will acknowledge receipt of your First Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 29-7 Unit, Rio Arriba County, New Mexico.

Since this needs no official approval, we have this date accepted the expansion and filed it for record purposes.

We are handing six (6) copies of the application to the Oil Conservation Commission requesting them to forward four (4) copies to the United States Geological Survey at Roswell, New Mexico for their consideration. One (1) copy must be retained by the Oil Conservation Commission. The United States Geological Survey must return all copies surplus to their need to El Paso Natural Gas Company.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s
cc:

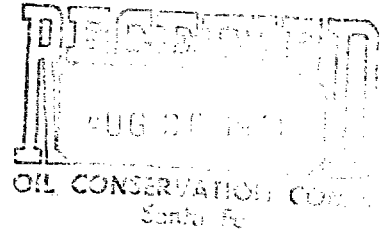
OCC-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79978

August 16, 1973

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



Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
FIRST EXPANDED PARTICIPATING AREA
Pictured Cliffs Formation
Effective August 1, 1973

Gentlemen:

We are enclosing for your approval eight (8) copies of an Application for Approval of the First Expanded Participating Area of the Pictured Cliffs Formation for the referenced Unit.

If this application meets with your approval, please execute all copies and forward them to the Oil Conservation Commission for its approval and execution. After this application has been signed by the Commissioner of Public Lands and the Oil Conservation Commission, the Commissioner of Public Lands should retain two (2) copies for his file and the Oil Conservation Commission should retain one (1) copy for its file, and five (5) copies should be forwarded to the United States Geological Survey in Roswell, New Mexico, for its approval and further handling. After this application has been approved and signed by the United States Geological Survey, two (2) copies should be returned to El Paso.

Yours very truly,

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

JRP:AEA:sn
Enclosures

cc: 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

El Paso Natural Gas Company

El Paso, Texas 79978

RECEIVED
AUG 17 8 32 AM '73

STATE LAND OFFICE
SANTA FE, N.M.

August 16, 1973

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

Oil Conservation Commission
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Commissioner of Public Lands
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
FIRST EXPANDED PARTICIPATING AREA
Pictured Cliffs Formation
Effective August 1, 1973

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that the following well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation has been completed upon acreage committed to this unit. The Participating Area for the Pictured Cliffs Formation is expanded accordingly to include this well as follows:

The San Juan 29-7 Unit #104 well, located 1170' from the South line and 1120' from the West line of Section 30, Township 29 North, Range 7 West, N.M.P.M., was spudded on May 1, 1973, and completed on June 7, 1973, at a total depth of 3066'. The Dakota Formation in the intervals between 2948'-2958', 2975'-2995', was treated with a sand-water fracturing process on June 7, 1973. The well was shut-in on June 19, 1973, and after being shut-in for thirteen (13) days the Pictured Cliffs Formation was tested on July 2, 1973, and after a three-hour blow-down period the well gauged 1069 MCF/D through a 3/4" choke and 1080 MCF/D by the calculated absolute open-flow

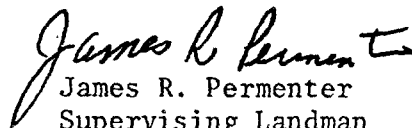
August 16, 1973

method, with an SIPC of 1072 psia. The drilling block for this well is described as the W/2 of Section 30, T-29-N, R-7-W, containing 246.88 acres.

Attached is Schedule II showing the First Expanded Participating Area for the Pictured Cliffs Formation of the San Juan 29-7 Unit Area. This describes the Participating Area and shows the percentage of unitized substances allocated to each 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, 1973.

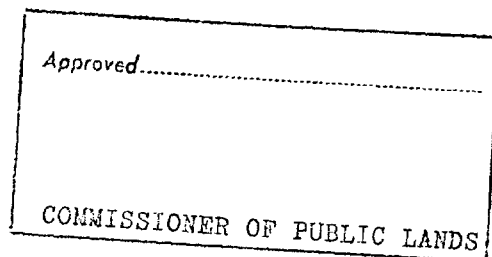
Copies of this letter and schedule are being sent to the Working Interest Owners shown on the attached sheet.

Yours very truly,



James R. Permenter
Supervising Landman
Land Department
Energy Resource Development

JRP:AEA:sn
Attachments
SJ 29-7, 4.1



SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

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

Mr. Jerome P. McHugh

Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Northwest Production Corp. (2)

Phillips Petroleum Company

Mr. J. A. Pierce

Prudential Minerals Exploration Corp.

Pubco Petroleum Corporation (2)

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company.

SCHEDULE 11
 FIRST EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
 SAN JUAN 29-7 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP			
				PERCENTAGE		
SF 078503	T-29-N, R-7-W Section 31: Lots 5,6,7,8, E/2 W/2	251.16	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI;	12.5000% 84.5000% 3.0000% TOTAL	12.5000% 84.5000% 3.0000% TOTAL	<u>50.429684%</u>
San Juan 27-7 #103 Well	Section 31: W/2	251.16		100.0000%	100.0000%	<u>50.429684%</u>
SF 078503-A	T-29-N, R-7-W Section 30: Lots 5,6,7,8, E/2 W/2	246.88	Royalty; Working Interest: El Paso Natural Gas Co.; D. H. Bolin ORRI;	12.50% 41.75% 41.75% 4.00% TOTAL	12.50% 41.75% 41.75% 4.00% TOTAL	<u>49.570316%</u>
Juan 29-7 #104 Well	Section 30: W/2	246.88		100.00%	100.00%	<u>49.570316%</u>

Effective August 1, 1973

SCHEDULE II

RECAPITULATION

Description of Lands in Participating Area:

Township 29 North, Range 7 West, N.M.P.M.

Section 30: W/2

Section 31: W/2

Total Number of Acres in Participating Area: 498.04

Total Number of Acres Committed to Participating Area: 498.04

Percent of Basic Royalty Committed: 100.00%

Percent of Working Interest Committed: 100.00%

Percent of ORRI Committed: 100.00%

674
El Paso Natural Gas Company

El Paso, Texas 79978

March 21, 1973

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1973 DRILLING PROGRAM

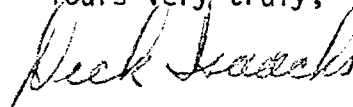
Gentlemen:

The 1973 Drilling Program for the San Juan 29-7 Unit was approved by the regulatory bodies on the following dates:

United States Geological Survey	-	February 23, 1973
Commissioner of Public Lands	-	February 13, 1973
Oil Conservation Commission	-	March 9, 1973

Copies of this letter are being sent to the working interest owners of the San Juan 29-7 Unit.

Yours very truly,



Dick Isaacks
Senior Landman
Land Department
Energy Resource Development

DI:nja
S.J. 29-7 Unit 3.0

Jim

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

March 9, 1973

674

C
O
P
Y

El Paso Natural Gas Company
Box 1492
El Paso, Texas 79978

Attention: Mr. D. N. Canfield

Re: 1973 Drilling Program
San Juan 29-7 Unit,
Rio Arriba County,
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1973 Drilling Program providing for the drilling of three wells for the San Juan 29-7 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

Drawer 1857
Roswell, New Mexico 88201

674
February 23, 1973

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

Gentlemen:

Two approved copies of your 1973 plan of development proposing the drilling of one Pictured Cliffs and two Dakota wells for additional development of the respective participating areas within the San Juan 29-7 unit area, Rio Arriba County, New Mexico, are enclosed. Such a 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

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

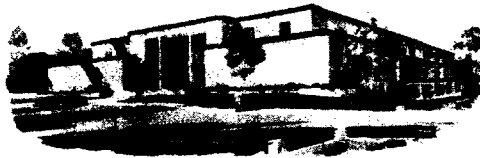
cc:

Regional Mgr., Denver (ltr only)
Washington (w/cy plan)
Durango (w/cy plan)
NMOCC, Santa Fe (ltr only)
Com. Pub. Lands, Santa Fe (ltr only)

JAGillham:ds

State of New Mexico

TELEPHONE
505-227-2748



Commissioner of Public Lands

February 13, 1973

674

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79970

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1973 DRILLING PROGRAM

ATTENTION: Mr. D. M. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1973 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, proposing the drilling of wells No. 104, 105 and 106. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed is one approved copy of the plan.

Please remit a three (\$3.00) Dollar filing fee.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDC/s

encl.

cc: DECS-Boswell, New Mexico
OCC- Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79978

February 9, 1973

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 87051

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

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1973 DRILLING PROGRAM

Gentlemen:

By letter dated March 6, 1972, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1971 providing for the drilling of two wells.

Well #102-Y was completed within the Mesaverde Participating Area and caused no expansion of the Participating Area. Well #103 was completed as a well capable of producing unitized substances in paying quantities and caused the establishment of Initial Pictured Cliffs Participating Area.

As of this date, the total number of wells drilled in the San Juan 29-7 Unit on acreage committed to the Unit is as follows:

Pictured Cliffs	1
Dakota, Commercial	2
Mesaverde, Plugged and Abandoned	2
Mesaverde, Commercial	<u>72</u>
	<u>77</u>

Regional Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Two

Pursuant to Section 10 of the San Juan 29-7 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 wells during the year 1973.

<u>Well No.</u>	<u>Drilling Block or Spacing Unit</u>	<u>Formation</u>
104	W/2 Sec. 30 T-29-N, R-7-W	Pictured Cliffs
105	E/2 Sec. 36 T-29-N, R-7-W	Dakota
106	W/2 Sec. 36 T-29-N, R-7-W	Dakota

Well #104 will be drilled outside of the existing Pictured Cliffs Participating Area in order to extend the limits of the Participating Area. Wells #105 and #106 will be drilled outside of the existing Dakota Participating Area.

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,



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

DNC:DI:dks
Enclosures
San Juan 29-7 Unit, 3.0

APPROVED: _____
Regional Oil and Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

DATE: _____

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

DATE: _____

APPROVED: A. H. Porter - Jr.
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
The Commissioner of Public Lands

DATE: March 14, 1973

The foregoing approvals are for the 1973 Drilling Program for the San Juan 29-7 Unit #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

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

Mr. Jerome P. McHugh

Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Northwest Production Corp. (2)

Phillips Petroleum Company

Mr. J. A. Pierce

Prudential Minerals Exploration Corp.

Pubco Petroleum Corporation (2)

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company

State of New Mexico



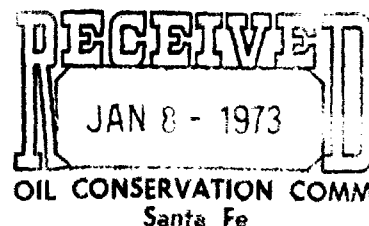
ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

January 5, 1973

TELEPHONE
505-827-2748



P. O. Box 1148
SANTA FE, NEW MEXICO

El Paso Natural Gas Company
El Paso, Texas 79999

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
INITIAL PARTICIPATING AREA, Pictured
Cliffs Formation, Effective October
25, 1972

ATTENTION: Mr. James R. Fernanter

Gentlemen:

This will acknowledge receipt of your Initial Participating Area,
Pictured Cliffs Formation, for the San Juan 29-7 Unit.

Since this needs no official approval, we have this date accepted
the expansion and filed it for record purposes.

Enclosed is one copy of the expansion surplus to our need.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s

encls.

cc:

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

El Paso Natural Gas Company

El Paso, Texas 79999

December 26, 1972

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

Oil Conservation Commission
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Commissioner of Public Lands
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
INITIAL PARTICIPATING AREA, Pictured
Cliffs Formation, effective October 25, 1972

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that the following well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation has been completed upon acreage committed to this unit, and concludes that the Initial Pictured Cliffs Participating Area should be established effective October 25, 1972, which is the date of first production:

The San Juan 29-7 Unit #103 well is located 990' from the South line and 1190' from the West line of Section 31, T-29-N, R-7-W, N.M.P.M. This well was spudded on July 28, 1972, and completed on August 19, 1972, at a total depth of 3404'. The Pictured Cliffs Formation in the intervals between 3302'-3322' was treated with

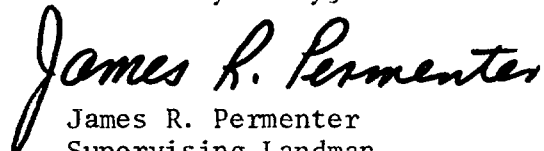
December 26, 1972

a sand-water fracturing process on August 19, 1972. The Pictured Cliffs Formation was shut-in on August 23, 1972, and after being shut-in for seven (7) days, the Pictured Cliffs Formation was tested on August 30, 1972, and following a three (3) hour blow-down period gauged 1597 MCF/D through a 3/4" choke and 1633 MCF/D by the calculated absolute open-flow method, with an SIPC of 1045 psia. The drilling block for this well is described as the W/2 of Section 19, T-27-N, R-7-W, containing 251.16 acres.

Attached is Schedule I showing the Initial Participating Area for the Pictured Cliffs Formation of the San Juan 29-7 Unit Area. This describes the Participating Area and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Initial Participating Area will become effective as of October 25, 1972.

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

Yours very truly,



James R. Permenter
Supervising Landman
Land Department
Energy Resource Development

JRP:DI:dks
Attachments

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

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

Mr. Jerome P. McHugh

Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Northwest Production Corp. (2)

Phillips Petroleum Company

Mr. J. A. Pierce

Prudential Minerals Exploration Corp.

Pubco Petroleum Corporation (2)

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company

SCHEDULE I
INITIAL PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 29-7 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP AND PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
SF 078503	T-29-N, R-7-W Sec. 31: Lots 1,2,3,4, E/2 W/2	251.16	Royalty: Working Interest: EPNG Co. ORRI: Total	12.5000% 84.5000% 3.0000% <u>100.0000%</u>	100.0000%
San Juan 29-7 #103 Well	Sec. 31: W/2	251.16		100.0000%	100.0000%

Effective October 25, 1972

SCHEDULE I

RECAPITULATION

Description of Lands in Participating Area:

Township 29 North, Range 7 West, N.M.P.M.
Section 31: W/2

Total Number of Acres in Participating Area:	251.16
Total Number of Acres Committed to Participating Area:	251.16
Percent of Basic Royalty Committed:	100.00%
Percent of Working Interest Committed:	100.00%
Percent of ORRI Committed:	100.00%

El Paso Natural Gas Company

El Paso, Texas 79999

674

December 18, 1972

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 29-7 Unit #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL
WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 4, 1954, El Paso Natural Gas Company, as Unit Operator, determined on July 7, 1960, that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit. This well is as follows:

The San Juan 29-7 Unit #102-Y Well, located 1840' from the South line and 1550' from the West line of Section 15, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on October 24, 1972, and completed on November 4, 1972, at a total depth of 5588'. The Mesaverde Formation in the intervals between 4816'-4824', 4834'-4838', 4848'-4852', 4894'-4910', 5271'-5277', 5287'-5295', 5305'-5311', 5334'-5340', 5352'-5368', 5390'-5396', 5416'-5424', 5444'-5448', 5468'-5476', 5486'-5494', 5562'-5570' was treated with a sand-water fracturing process.

Regional Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Two

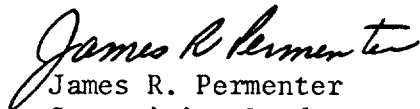
December 18, 1972

The well was shut-in for gauge on November 5, 1972 and after being shut-in for ten (10) days, the well was tested on November 15, 1972, and following a three (3) hour blow-down period gauged 4367 MCFGPD through a 3/4" choke and 11,273 MCFGPD by the calculated absolute open-flow method, with an SIPT of 968 psia and an SIPC of 966 psia. The committed drilling block upon which this well is located is described as the W/2 of Section 15, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The drilling block was included in the San Juan 29-7 Unit Initial Participating Area, effective September 3, 1954, as an intervening drilling block. Therefore, the Participating Area is not enlarged, and the percentages remain the same.

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

Yours very truly,



James R. Permenter
Supervising Landman
Land Department
Energy Resource Development

JRP:DI:1j

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

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

Mr. Jerome P. McHugh

Forest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Northwest Production Corp. (2)

Phillips Petroleum Company

Mr. J. A. Pierce

Prudential Minerals Exploration Corp.

Pubco Petroleum Corporation (2)

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company

El Paso Natural Gas Company

El Paso, Texas 79978

674

April 17, 1972

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 29-7 Unit
Rio Arriba County, New Mexico
1972 Drilling Program

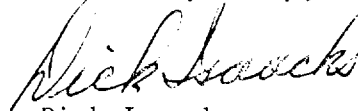
Gentlemen:

The 1972 Drilling Program for the San Juan 29-7 Unit was approved by the Regulatory Bodies on the following dates:

United States Geological Survey	- April 11, 1972
Commissioner of Public Lands	- March 22, 1972
Oil Conservation Commission	- March 28, 1972

Copies of this letter are being sent to the working interest owners of the San Juan 29-6 Unit.

Yours very truly,



Dick Isaacks
Senior Landman
Land Department
Energy Resource Development

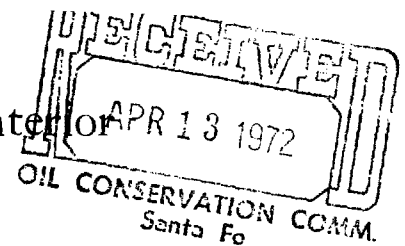
DI:lj
S.J. 29-7 Unit 3.0



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201



April 11, 1972

674

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 29-7 unit area, Rio Arriba County, New Mexico, proposing the drilling of one Pictured Cliffs well and one Mesaverde well, 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,

N. O. FREDERICK
Regional Oil and Gas Supervisor

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

JWillock:ds

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

March 28, 1972

674

El Paso Natural Gas Company
Box 1492
El Paso, Texas

Attention: Mr. T. W. Bittick

Re: 1972 Drilling Program
San Juan 29-7 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 providing for the drilling of two wells during the calendar year 1972 for the San Juan 29-7 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

C
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P
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RECEIVED
MAR 23 1972
CONSERVATION COMM.
SANTA FE

March 22, 1972

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1972 DRILLING PROGRAM

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1972 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, proposing the drilling of two additional wells. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed are two approved copies of the plan.

Please remit a four (\$4.00) Dollar filing fee.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s
encls.
cc:

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

El Paso Natural Gas Company

El Paso, Texas 79978

March 6, 1972

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1972 DRILLING PROGRAM

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 providing for the drilling of no wells.

As of this date, the total number of wells drilled in the San Juan 29-7 Unit on acreage committed to the Unit is as follows:

Dakota, Commercial	2
Mesaverde, Plugged and Abandoned	2
Mesaverde, Commercial	71
	<u>75</u>

Pursuant to Section 10 of the San Juan 29-7 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 the following wells during the year 1972.

March 6, 1972

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
103	W/2 Sec. 31, T-29-N, R-7-W	Pictured Cliffs
102-Y	W/2 Sec. 15, T-29-N, R-7-W	Mesaverde

Well #103 will be drilled outside of the existing Pictured Cliffs Participating Area in order to extend the limits of the Participating Area. Well #102-Y will be drilled within the Mesaverde Participating Area to replace the Luse No. 1 well that was plugged and abandoned in March, 1964.

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
Director of Exploration
Energy Resource Development

TWB:DI:khs
Enclosures
San Juan 29-7 Unit, 3.0

APPROVED: _____
Regional Oil and Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

DATE: _____

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

DATE: _____

APPROVED: G. L. Porter *if*
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

DATE: March 28, 1972

The foregoing approvals are for the 1972 Drilling Program for the San Juan 29-7
Unit #14-08-001-1650, Rio Arriba County, New Mexico.

El Paso Natural Gas Company

El Paso, Texas 79999

January 29, 1971

71 FEB 2 1971

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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 29-7 Unit
#14-08-001-1650
Rio Arriba County, New Mexico
1971 DRILLING PROGRAM

Gentlemen:

The 1971 Drilling Program dated January 6, 1971 for the referenced Unit was approved by the Regulatory Bodies on the dates indicated below:

United States Geological Survey	- January 26, 1971
Commissioner of Public Lands	- January 12, 1971
Oil Conservation Commission	- January 15, 1971

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

Yours very truly,



Dick Isaacks
Senior Landman
Land Department

DI:lj

S.J. 29-7 Unit, 3.0



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

JAN 26 1971

IN REPLY REFER TO:

January 26, 1971

674

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 29-7 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,

(SIGNED)

N. O. FREDERICK
Regional Oil and Gas Supervisor

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 15, 1971

674

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

Attention: Mr. T. W. Bittick

Re: 1971 Drilling Program
San Juan 29-7 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 29-7 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
Drawer 1857
Roswell, New Mexico 88201

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

January 12, 1971

RECEIVED
JAN 14 1971
674

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1971 Drilling Program

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1971 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, proposing the drilling of no wells during 1971.

This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed is one approved copy of the plan.

Please remit a Three (\$3.00) Dollar filing fee.

Sincerely yours,

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

AJA/GGM/s
encls.

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

El Paso Natural Gas Company

El Paso, Texas 79999

January 6, 1971

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1971 DRILLING PROGRAM

Gentlemen:

By letter dated February 9, 1970, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned Unit for the calendar year 1970 providing for the drilling of the San Juan 29-7 No. 76-Y Mesa-verde well to replace the San Juan 29-7 No. 76 well that was plugged and abandoned in 1969. The San Juan 29-7 No. 76-Y was timely drilled and completed.

As of this date, the total number of wells drilled in the San Juan 29-7 Unit on acreage committed to the Unit is as follows:

Dakota, Commercial	2
Mesaverde, Plugged and Abandoned	2
Mesaverde, Commercial	<u>71</u>
	75

Pursuant to Section 10 of the San Juan 29-7 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the

January 6, 1971

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.

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:DI:nja
Enclosures
SJ 29-7 Unit, 3.0

APPROVED: _____

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

DATE: _____

APPROVED: _____

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

DATE: _____

APPROVED: _____

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

DATE: *January 15, 1971*

The foregoing approvals are for the 1971 Drilling Program for the San Juan 29-7
Unit #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

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

Mr. Jerome P. McHugh

Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Northwest Production Corp. (2)

Pan American Petroleum Corp. (3)

Phillips Petroleum Company

Mr. J A. Pierce

Prudential Minerals Exploration Corp.

Pubco Petroleum Corporation (2)

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company

El Paso Natural Gas Company

El Paso, Texas 79999

August 18, 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

70 AUG 19 PM 1 25

675

Re: San Juan 29-7 Unit #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 4, 1954, El Paso Natural Gas Company, as Unit Operator, has determined that one (1) additional well capable of producing unitized substances in paying quantities from the Mesa-verde Formation had been completed upon acreage committed to the Unit. This well is as follows:

The San Juan 29-7 Unit #76-Y Well, located 1480' from the South line and 925' from the West line of Section 18, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on June 9, 1970, and completed on July 16, 1970, at a total depth of 6060'. The Mesaverde Formation from 5260'-5272', 5368'-5380', 5410'-5416', 5450'-5460', 5816'-5828', 5840'-5852', 5862'-5868', 5884'-5896', 5912'-5918', 5938'-5950', 5960'-5966' was treated with a sand-water fracturing process on July 14, 1970. The well was shut-in on July 16, 1970 and after being shut-in for eight (8) days, the well was tested on July 24, 1970, and following a three (3) hour blow-down period gauged 3923 MCF/D through a 3/4" choke and 9814 MCF/D by the calculated absolute open-flow method, with an SIPC of 956 psia and an SIPT of 523 psia. The committed drilling block upon which this well is located is described as the W/2 of Section 18, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 231.03 acres.

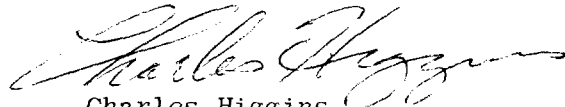
Regional Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Two

August 18, 1970

This well was drilled to replace the San Juan 29-7 Unit #76 Well that was plugged and abandoned in June, 1969. The drilling block was included in the San Juan 29-7 Unit Initial Participating Area, effective September 3, 1954, and the completion of this well does not warrant any further expansion of the Participating Area.

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

Yours very truly,



Charles Higgins
Supervising Landman
Land Department

CH:DI:ec
Enclosure

cc: Mrs. Pepita O. Jeffus
Executive Director
New Mexico Oil & Gas Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

El Paso Natural Gas Company

El Paso, Texas 79999

March 11, 1970

15 8 12 MAR 1970

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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 29-7 Unit, #14-08-
001-1650, Rio Arriba County,
New Mexico, 1970 DRILLING PROGRAM

Gentlemen:

The 1970 Drilling Program for the referenced Unit was approved by the Regulatory Bodies on the dates indicated:

United States Geological Survey	February 27, 1970
Commissioner of Public Lands	February 11, 1970
Oil Conservation Commission	March 5, 1970

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

Yours very truly,

Charles Higgins

Charles Higgins
Supervising Landman
Land Department

CH:DI:sf
S.J. 29-7, 3.0

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 5, 1970

674

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

Attention: Mr. T. W. Bittick

Re: 1970 Drilling Program
San Juan 29-7 Unit, Rio
Arriba County, New Mexico

Gentlemen:

This is that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1970 for the San Juan 29-7 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

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United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

February 27, 1970

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

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1970 plan of development for the San Juan 29-7 unit area, Rio Arriba County, New Mexico, proposing the drilling of one Mesaverde well, 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.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

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

MAIN OFFICE OF

ST 8 AM 61 FEB 15

674

February 11, 1970

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

**Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1970 Drilling Program**

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1970 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, proposing the drilling of one Macavardo well.

This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed.

Very truly yours,

**Ted Bilberry, Director
Oil and Gas Department**

**TR/ML/s
encl.**

**cc: USGS-Moswell, New Mexico
OCC- Santa Fe, New Mexico**

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El Paso Natural Gas Company

El Paso, Texas 79999

February 9, 1970

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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 29-7 Unit, #14-08-001-1650
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 29-7 Unit on acreage committed to the Unit is as follows:

Dakota, Commercial	2
Mesaverde, Plugged and Abandoned	2
Mesaverde, Commercial	70
	<u>74</u>

Pursuant to Section 10 of the San Juan 29-7 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 the following well during the year:

<u>Well No.</u>	<u>Dedication</u>	<u>Formation</u>
76-Y	W/2 Sec. 18, T-29-N, R-7-W	Mesaverde

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

February 9, 1970

This well will be drilled within the Mesaverde Participating Area to replace the San Juan 29-7 Unit #76 Well that was plugged and abandoned during 1969.

El Paso Natural Gas Company intends to drill the above listed Mesaverde well to the base of the Mesaverde Formation using rotary tools. Surface casing will be set to approximately 150' below the surface and an intermediate string will be set through the Pictured Cliffs Formation to a depth of approximately 3970'. A production liner will be set through the Mesaverde Formation, and the casing in the Mesaverde Formation will then be selectively perforated and the Mesaverde Formation will be subjected to a hydraulic fracturing process. Mud will be used to drill the intermediate hole, and the hole below the intermediate string will be drilled with gas. Due care will be taken to protect all horizons.

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:DI:ec
Enclosures
SJ 29-7 Unit, 3.0

APPROVED: _____

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


DATE: _____

APPROVED: _____

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

DATE: _____

APPROVED: _____


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

DATE: March 5, 1970

The foregoing approvals are for the 1970 Drilling Program for the San Juan 29-7 Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas

Aztec Oil & Gas Company

Mr. Tom Bolack

Mr. D. H. Bolin

Continental Oil Company

General Petroleum Corporation

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

Mr. Jerome P. McHugh

Forrest B. Miller and
Mabelle M. Miller

Mr. Morris Mizel

Northwest Production Corp. (2)

Pan American Petroleum Corp. (3)

Phillips Petroleum Company

Mr. J. A. Pierce

Pubco Petroleum Corporation (2)

Mr. Vincent F. Shryack

Skelly Oil Company

Southern Union Production Company

Tenneco Oil Company

El Paso Natural Gas Company

El Paso, Texas 79999

February 20, 1969

MAILED
69 FEB 21 11 48 AM

674

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 29-7 Unit #14-008-001-1650
Rio Arriba County, New Mexico
1969 DRILLING PROGRAM

Gentlemen:

The 1969 Drilling Program dated January 6, 1969 for the referenced Unit was approved by the regulatory bodies on the dates indicated below:

United States Geological Survey	-	February 17, 1969
Commissioner of Public Lands	-	January 8, 1969
Oil Conservation Commission	-	January 23, 1969

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

Yours very truly,



Charles Higgins
Supervising Landman
Land Department

CH:DI:nja

San Juan 29-7 Unit 3.0



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

February 17, 1969

IN REPLY REFER TO:

69 FEB 19 AM 6 26

674

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 29-7 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. SENT BY AIR MAIL)

JOHN A. ANDERSON
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 23, 1969

674

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

Attention: Mr. T. W. Bittick

Re: 1969 Drilling Program
San Juan 29-7 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 1969 for the San Juan 29-7 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: Commissioner of Public Lands - Santa Fe
United States Geological Survey - Roswell

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MAILED
JAN 13 AM 8 24

January 8, 1969

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

**Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1969 Drilling Program**

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1969 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, proposing the drilling of no additional wells.

This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed.

Very truly yours,

**Alex J. Armijo
COMMISSIONER OF PUBLIC LANDS**

**BY:
Ted Bilberry, Director
Oil and Gas Department**

AJA/TA/ML/s

encl.

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

C
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El Paso Natural Gas Company

El Paso, Texas 79999

January 6, 1969

8 JAN 8 1969

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 29-7 Unit, #14-08-001-1650
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 29-7 Unit on acreage committed to the Unit is as follows:

Dakota, Commercial	2
Mesaverde, Plugged and Abandoned	1
Mesaverde, Commercial	71
	<hr/>
	74

Pursuant to Section 10 of the San Juan 29-7 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.

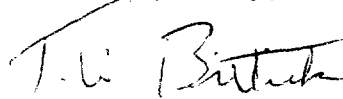
All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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:DI:sf
Attachments

San Juan 29-7 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
Oil Conservation Commission.

APPROVED: *A. L. Carter, Jr.* DATE: *January 23, 1969*
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 1969 Drilling Program for the San Juan
29-7 Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

San Juan 29-7 Unit
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas, Texas 75221

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75202

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico 87401

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas 76301

Continental Oil Company
Attention: Mr. W. C. Blackburn
200 North Wolcott
Casper, Wyoming 82601

General Petroleum Corporation
1636 Denver Club Building
Denver, Colorado 80202

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

Mr. Jerome P. McHugh
c/o Jerome P. McHugh & Associates
930 Petroleum Club Building
Denver, Colorado 80202

Forrest B. Miller and
Mabelle M. Miller
1224 Lois Street
P. O. Box 1445
Kerrville, Texas 78028

Mr. Morris Mizel
4112 East 11th Street
Tulsa, Oklahoma 74112

Northwest Production Corp. (2)
P. O. Box 1796
El Paso, Texas 79949

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. J. A. Pierce
Box AA
Aztec, New Mexico 87410

Pubco Petroleum Corporation (2)
Attention: Mr. Ivan E. Kercher
Attention: Mr. Robert C. Youngmun
P. O. Box 869
Albuquerque, New Mexico 87103

Mr. Vincent F. Shryack
934 South High Street
Denver, Colorado 80209

Skelly Oil Company
Attention: Mr. William R. Kendall
District Exploration Mgr.
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Skelly Oil Company
Attention: Mr. Barton W. Ratliff
P. O. Box 1650
Tulsa, Oklahoma 74102

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas 75201

Tenneco Oil Company
Attention: Mr. C. W. Nance
Lincoln Tower Building, Suite 1200
1860 Lincoln Street
Denver, Colorado 80203

Tenneco Oil Company
Attention: Mr. J. P. Wasinger
P. O. Box 2410
Denver, Colorado 80201

El Paso Natural Gas Company

El Paso, Texas 79999

September 4, 1968

674

Mr. John A. Anderson
Regional Oil and 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: First Expanded Participating Area
Dakota Formation
San Juan 29-7 Unit
Rio Arriba County, New Mexico

Gentlemen:

The First Expanded Participating Area of the Dakota Formation for the referenced Unit was approved by the regulatory bodies on the dates indicated:

United States Geological Survey - August 27, 1968

Commissioner of Public Lands - July 10, 1968
for the State of New Mexico

Oil Conservation Commission - July 16, 1968
for the State of New Mexico

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

Yours very truly,



Charles Higgins
Supervising Landman
Land Department

CH:DI:vjh

San Juan 29-7 Unit 4.3



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell New Mexico 88201

674

August 27, 1968

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

Attention: Mr. Charles Higgins

Gentlemen:

The first revision of the Dakota participating area for the San Juan 29-7 unit agreement, Rio Arriba County, New Mexico, No. 14-08-001-1650 was approved on August 27, 1968, by the Regional Oil and Gas Supervisor, Geological Survey, effective as of January 1, 1968.

By such revision, the Dakota participating area is enlarged from 327.78 acres to 962.71 acres, based upon the completion of unit well 101 in the NE 1/4 sec. 7, T. 29 N., R. 7 W., N.M.P.M., as a paying well pursuant to the applicable terms of the unit agreement. This well was completed on January 13, 1968, for a calculated absolute open flow of 4,089 MCFGPD from the Dakota formation 7,283 - 7,515 feet.

Copies of the approved application are being distributed to the Federal offices involved, and one copy is returned herewith. You are requested to furnish the State of New Mexico and all interested parties with appropriate evidence of this approval.

Sincerely yours,

(SIGNED) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:
Washington (w/cy appln.)
Farmington (w/cy appln.)
NMOCC, Santa Fe (ltr. only) ✓
Com. Pub. Lands, Santa Fe (ltr. only)

60 AUG 29 PM 12 52

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

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July 16, 1968

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

Attention: Mr. Charles Higgins

Re: Expanded Dakota Participating
Area, San Juan 29-7 Unit, Rio
Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the First Expanded Participating Area, Dakota Formation, for the San Juan 29-7 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.

Five approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

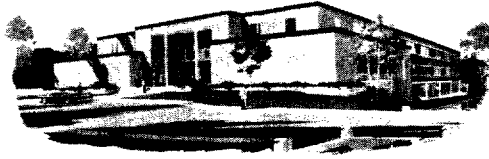
Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

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

State of New Mexico



Commissioner of Public Lands



July 10, 1968

GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
THE FIRST EXPANDED PARTICIPATING
AREA
Dakota Formation

ATTENTION: Mr. Charles Higgins

Gentlemen:

The Commissioner of Public Lands has this date approved Your First Expanded Participating Area, Dakota Formation, for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, this approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We are retaining two copies and handing six (6) copies to the Oil Conservation Commission for their approval and requesting that they forward five (5) copies to the United States Geological Survey at Roswell for their consideration.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS
BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/TR/s
cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79999

March 29, 1968

674

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

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
THE FIRST EXPANDED PARTICIPATING AREA
Dakota Formation

Dear Sir:

Enclosed for your approval are eight copies of the Proposed First Expanded Participating Area of the Dakota Formation covering the above described Unit.

If this Expansion meets with your approval, please execute all copies and forward them to the Oil Conservation Commission for their approval and execution. After the Expansion has been signed by the Commissioner of Public Lands and the Oil Conservation Commission, the Commissioner of Public Lands should retain two file copies and the Oil Conservation Commission should retain one file copy, and five copies should be forwarded to the United States Geological Survey in Roswell, New Mexico, for approval. After this Expansion has been approved and signed by the United States Geological Survey, one copy thereof should be returned to El Paso.

Very truly yours,

Charles Higgins

Charles Higgins
Supervising Landman
Land Department

MAILED 11 1968

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CH:CTR:vjh
Enclosures

San Juan 29-7 Unit, 4.3, 5.0
NM 6828

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

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

COPY

El Paso Natural Gas Company

El Paso, Texas 79999

March 28, 1968

RECEIVED
APR 1 10 05 AM '68
STATE DEPT. OF LICE
SANTA FE, N.M.

Director
United States Geological Survey
Department of the Interior
3227 General Services Building
Washington, D. C. 10025

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE FIRST
EXPANDED PARTICIPATING AREA, DAKOTA
FORMATION
Effective January 1, 1968

Gentlemen:

Pursuant to the provisions of Section 11 (b) of the San Juan 29-7 Unit Agreement #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, submits for your approval the First Expanded Participating Area of the Dakota Formation, which includes, in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands:

FIRST EXPANDED PARTICIPATING AREA - Effective January 1, 1968

<u>Description of Lands</u>	<u>Acres</u>
Township 29 North, Range 7 West, N.M.P.M.	634.93
Section 6: Lots 8, 9, S/2 NE/4, SE/4 (E/2)	
Section 7: E/2	

These lands are proven to be productive by the following well:

The San Juan 29-7 Unit #101 Well, located 990 feet from the North line and 1600 feet from the East line of Section 7, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on November 29, 1967 and was completed on December 24, 1968 at a total depth of 7,550 feet. The Dakota Formation from

March 28, 1968

Page 2

7,288'-7,293', 7,303'-7,313', 7,372'-7,377', 7,398'-7,408', 7,451'-7,456', 7,484'-7,494', 7,510'-7,515' was treated with a sand-water fracturing process. The well was shut-in on December 24, 1967, and after being shut-in for twenty-five (25) days the Dakota Formation was tested on January 18, 1968, and after a three (3) hour blow-down period the well gauged 3,597 MCFGPD through a 3/4" choke and 4,089 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,672 psia and a SIPC of 2,676 psia.

In support of this application, the following listed Exhibits are made a part hereof:

EXHIBIT "A"

Ownership map reflecting the boundaries of the Unit and the proposed First Expansion of the Dakota Participating Area.

EXHIBIT "B"

Geological report on the First Expansion of the Dakota Participating Area within the San Juan 29-7 Unit.

EXHIBIT "C"

Plate No. 1: San Juan 29-7 Subsurface Structure Contour Map.
Plate No. 2: San Juan 29-7 Isopachous Map.

EXHIBIT "D"

Schedule of Dakota Area Production.

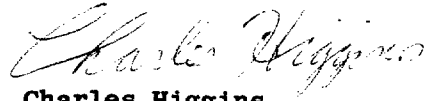
Attached is Schedule II, which shows the proposed First Expanded Participating Area for the Dakota Formation in the San Juan 29-7 Unit Area. This Schedule describes the Expanded Participating Area, shows the percentages of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

If this First Expanded Participating Area of the Dakota Formation meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.

March 28, 1968
Page 2

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

Yours very truly,

A handwritten signature in cursive script, appearing to read "Charles Higgins".

Charles Higgins
Supervising Landman
Land Department

CH:CTR:jlw
enclosures

San Juan 29-7 Unit, 4.3
NM 6828

cc Mrs. Pepita O. Jeffus
Executive Director
New Mexico Oil & Gas Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

APPROVED: _____ DATE: _____
Director, United States Geological
Survey. Subject to like approval
by the appropriate State Officials.

APPROVED: *Lytle B. Hays* DATE: 7/10/68
Commissioner of Public Lands,
Subject to like approval by the
United States Geological Survey
and the Oil Conservation Commission.

APPROVED: *A. L. Carter* DATE: July 16, 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 First Expanded Participating Area
of the Dakota Formation for the San Juan 29-7 Unit, #14-08-001-1650,
Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas, Texas 75221

Aztec Oil & Gas Company
2000 First National Bank Building
Dallas, Texas 75202
Attention: Mr. H. L. Snider, Jr.

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico 87401

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas 76301

Continental Oil Company
Attention: Mr. W. C. Blackburn
200 N. Wolcott
Casper, Wyoming 82601

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

Mr. Morris Mizel
4112 East 11th Street
Tulsa, Oklahoma 74112

Northwest Production Corp. (2)
P. O. Box 1796
El Paso, Texas 79949

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. J. A. Pierce
Box AA
Aztec, New Mexico 87410

Pubco Petroleum Corporation (2)
Attention: Mr. Gilbert J. Sevier, Jr.
Attention: Mr. Robert C. Youngmun
P. O. Box 869
Albuquerque, New Mexico 87103

Sinclair Oil & Gas Company (3)
Attention: Mr. S. K. VanSteenbergh
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Skelly Oil Company
Attention: Mr. Wm. R. Kendall
District Exploration Manager
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Skelly Oil Company
Attention: Mr. Barton W. Ratliff
P. O. Box 1650
Tulsa, Oklahoma 74102

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas 75201

Tenneco Oil Company
Attention: Mr. R. E. Siverson
Post Office Box 1714
Durango, Colorado 81302

Tenneco Oil Company
Attention: Mr. J. P. Wasinger
P. O. Box 2410
Denver, Colorado 80210

General Petroleum Corporation
1700 Broadway
Denver, Colorado 80202

Mr. Jerome P. McHugh
d/b/a/ Jerome P. McHugh & Associates
930 Petroleum Club Building
Denver, Colorado 80202

Mr. Vincent F. Shryack
934 South High Street
Denver, Colorado 80209

SCHEDULE II
FIRST EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-7 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION	
			OWNERSHIP	PERCENTAGE			
<u>TRACT 12</u>							
SF 078943	T-29-N, R-7-W	530.15					
	Sec. 6: Lots 8,9,10, 11,12,13, 14, SE/4 NW/4, E/2 SW/4, S/2 NE/4, SE/4 (All)		Royalty; Working Interest; General Petroleum Corp.; Jerome P. McHugh; Vincent E. Shryack; ORRI;	12.50% 61.25% 7.00% 1.75% <u>17.50%*</u> <u>100.00%</u>	12.50% 61.25% 7.00% 1.75% <u>17.50%*</u> <u>100.00%</u>	<u>55.068505%</u>	
			TOTAL				
	*Overriding Royalty Interest will increase to 25% after payout and working interest will be proportionately reduced.						
<u>TRACT 12A</u>							
SF 078943-A	T-29-N, R-7-W	432.56					
	Sec. 7: Lots 5,6, E/2 NW/4, E/2		Royalty; Working Interest; General Petroleum Corp.; Jerome P. McHugh; Vincent E. Shryack; ORRI;	12.50% 61.25% 7.00% 1.75% <u>17.50%*</u> <u>100.00%</u>	12.50% 61.25% 7.00% 1.75% <u>17.50%*</u> <u>100.00%</u>	<u>44.931495%</u>	
			TOTAL				
	*Overriding Royalty Interest will increase to 25% after payout and working interest will be proportionately reduced.						

RECAPITULATION

Description of Lands in Participating Area:

TOWNSHIP 29 NORTH, RANGE 7 WEST, N. M. P. M.
Section 6: Lots 8,9,10,11,12,13,14, SE/4 NW/4,
E/2 SW/4, S/2 NE/4, SE/4 (All)
Section 7: Lots 5,6, E/2 NW/4, E/2

Total Number of Proven Acres:	962.71
Total Number of Committed Acres in Participating Area:	962.71
Percent of Basic Royalty Interest Committed:	100.00%
Percent of Working Interest Committed:	100.00%
Percent of O.R.R.I. Committed:	100.00%

El Paso Natural Gas Company

El Paso, Texas 79999

February 26, 1968

174

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

60 FEB 27 AM 8 39

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

Re: 1968 DRILLING PROGRAMS
Rio Arriba County,
New Mexico

Gentlemen:

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

1. San Juan 29-7 Unit, #14-08-001-1650:

United States Geological Survey	January 22, 1968
Commissioner of Public Lands	January 25, 1968
Oil Conservation Commission	January 26, 1968
2. San Juan 30-5 Unit, #14-08-001-346:

United States Geological Survey	January 18, 1968
Commissioner of Public Lands	January 22, 1968
Oil Conservation Commission	January 28, 1968
3. San Juan 30-6 Unit #14-08-001-538:

United States Geological Survey	January 22, 1968
Commissioner of Public Lands	January 25, 1968
Oil Conservation Commission	January 25, 1968
4. San Juan 31-6 Unit, #14-08-001-464:

United States Geological Survey	January 19, 1968
Commissioner of Public Lands	January 22, 1968
Oil Conservation Commission	January 25, 1968

Mr. John A. Anderson
Commissioner of Public Lands
Oil Conservation Commission
February 26, 1968
Page 2

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

Yours very truly,

A handwritten signature in cursive script that reads "Charles Higgins".

Charles Higgins
Supervising Landman
Land Department

CH:CTR:vb

San Juan 29-7, 30-5,
30-6, 31-6 Unit: 3.0

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

674

January 26, 1968

C
O
P
Y

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

Attention: Mr. T. W. Bittick

Re: 1968 Drilling Program
San Juan 29-7 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 29-7 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/JEX/esr

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

Commissioner of Public Lands
Santa Fe, New Mexico

State of New Mexico



Commissioner of Public Lands



January 25, 1968

GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

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

Re: San Juan 29-7 Unit
Rio Arriba County
1968 Drilling Program

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1968 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, proposing the drilling of no additional wells.

This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

EY:
Eddie Lopez, Supervisor
Unit Division

GBH/TE/EL/s
encl. 1.

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

RECEIVED
68 JAN 26 AM 8 24



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

January 22, 1968

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

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1968 plan of development for the San Juan 29-7 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 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)

MAILED 10-20-68

'68 JAN 23 AM 8 42

El Paso Natural Gas Company

El Paso, Texas 79999

January 5, 1968

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
P. O. Box 2088
Santa Fe, New Mexico 87501

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

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1968 DRILLING PROGRAM

Gentlemen:

By letter dated November 27, 1967, El Paso Natural Gas Company, as Unit Operator, filed a Revised Drilling Program on the captioned unit for the calendar year 1967. This revised program provided for the drilling of the San Juan 29-7 Unit #101 Dakota Formation Well in the E/2 Section 7, T-29-N, R-7-W, N.M.P.M., by El Paso Natural Gas Company, as Unit Operator, on lands committed to the Unit. This well is being drilled at the request of General Petroleum Corporation, owner of the Drilling Block upon which the well is located, to extend the productive limits of the Dakota Participating Area. This well is presently drilling, and could occasion the First Expansion of the Dakota Participating Area, if it is subsequently determined to be commercial.

As of this date, the total number of wells in the San Juan 29-7 Unit is as follows:

Mesaverde, Commercial	71
Dakota, Commercial	1
Dakota, Drilling	1
	<hr/>
	73

Pursuant to Section 10 of the San Juan 29-7 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.

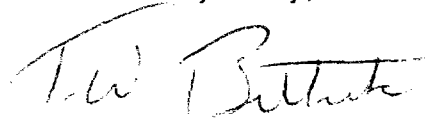
All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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,

A handwritten signature in dark ink, appearing to read "T. W. Bittick", written in a cursive style.

T. W. Bittick
Manager
Land Department

TWB:CTR:md

San Juan 29-7 Unit, 3.0, 4.3

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: *A. H. Carter, Jr.* DATE: 1-2-6-68
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 29-7 Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas, Texas 75221

Aztec Oil & Gas Company
2000 First National Bank Building
Dallas, Texas 75202
Attention: Mr. H. L. Snider, Jr.

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico 87401

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas 76301

Continental Oil Company
Attention: Mr. W. C. Blackburn
P. O. Box 680
Casper, Wyoming 82601

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

Mr. Morris Mizel
4112 East 11th Street
Tulsa, Oklahoma 74112

Northwest Production Corporation (2)
P. O. Box 1796
El Paso, Texas 79949

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. J. A. Pierce
Box AA
Aztec, New Mexico 87410

Pubco Petroleum Corporation (2)
Attention: Mr. Gilbert J. Sevier, Jr.
Attention: Mr. Robert C. Youngmun
P. O. Box 869
Albuquerque, New Mexico 87103

Sinclair Oil & Gas Company (3)
Attention: Mr. S. K. Van Steenbergh
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Skelly Oil Company
Attention: Mr. Barton W. Ratliff
P. O. Box 1650
Tulsa, Oklahoma 74102

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas 75201

Skelly Oil Company
Attn: Mr. Wm. R. Kendall
District Exploration Manager
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Tenneco Oil Company
Attention: Mr. R. E. Siverson
Post Office Box 1714
Durango, Colorado 81302

Tenneco Oil Company
Attn: Mr. Weaver W. Ralls, Supervisor
Division Records and Rentals
900 Wilco Building
Midland, Texas 79701

SAN JUAN 29-7 UNIT
Working Interest Owners (continued)

General Petroleum Corporation
1700 Broadway
Denver, Colorado 80202

Mr. Jerome P. McHugh
d.b.a. Jerome P. McHugh & Associates
930 Petroleum Club Building
Denver, Colorado 80202

Mr. Vincent F. Shryack
934 South High Street
Denver, Colorado 80209

El Paso Natural Gas Company

El Paso, Texas 79999

December 27, 1967

674

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
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

MAIN OFFICE

'68 JAN 2 AM 8 11

Re: 1967 REVISED DRILLING PROGRAM
San Juan 29-7 Unit #14-08-001-1650,
Rio Arriba County, New Mexico

Gentlemen:

The 1967 Revised Drilling Program for the San Juan 29-7 Unit was approved by the regulatory bodies on the dates indicated:

United States Geological Survey	December 20, 1967
Commissioner of Public Lands for the State of New Mexico	December 4, 1967
Oil Conservation Commission of the State of New Mexico	December 7, 1967

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

Yours very truly,

Charles Higgins

Charles Higgins
Assistant Supervising Landman
Land Department

CH:CTR:psr

San Juan 29-7 Unit - 3.0



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

674

Drawer 1857
Roswell, New Mexico 88201

December 20, 1967

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

Attention: Mr. T. W. Bittick

Gentlemen:

Your revised 1967 plan of development dated November 27, 1967, for the San Juan 29-7 unit area, Rio Arriba County, New Mexico, proposing the drilling of one Dakota well, 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 & 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)

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

674

December 7, 1967

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

Attention: Mr. T. W. Bittick

Re: Revised 1967 Drilling
Program, San Juan 29-7
Unit, Rio Arriba County,
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Revised 1967 Drilling Program dated November 27, 1967, for the San Juan 29-7 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: Commissioner of Public Lands - Santa Fe

U. S. Geological Survey - Roswell

C
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El Paso Natural Gas Company

El Paso, Texas 79999

November 27, 1967

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
P. O. Box 2088
Santa Fe, New Mexico 87501

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

MAIN OFFICE

'67 DEC 1 AM 8 46

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
REVISED 1967 DRILLING PROGRAM

Gentlemen:

By letter dated January 3, 1967, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned unit for the calendar year 1967. This program provided for the drilling of no wells during the calendar year 1967.

Pursuant to Section 10 of the San Juan 29-7 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Revised Drilling Program which provides for the drilling of one (1) well during the 1967 calendar year. This well is as follows:

<u>Location</u>	<u>Formation</u>
San Juan 29-7 Unit #101 Well NE/4 Section 7, T-29-N, R-7-W	Dakota

This proposed well will be drilled at the request of the General Petroleum Corporation, as the owner of the Drilling Block upon which the well is to be located.

El Paso Natural Gas Company intends to drill this well to the base of the Dakota Formation using rotary tools. Surface casing will be set to the depth of approximately 200' and a full string of production casing will be run to the base of the Dakota Formation and will be cemented in place in

November 27, 1967

three stages. The casing in the Dakota Formation will then be perforated and the Dakota Formation subjected to a hydraulic fracturing process. The entire hole will be mud drilled and mud will be used in setting the production string of casing when said casing is run. Due care will be taken to protect all horizons.

In addition to the above well, El Paso Natural Gas Company, as Unit Operator, will drill any offset wells required to prevent drainage of unitized substances and any other wells requested by the working interest owners.

All of the working interest owners have been contacted and this Revised Drilling Program reflects, insofar as possible, their requests for additional drilling.

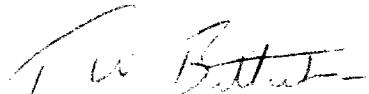
If this Revised Drilling Program is acceptable, please signify your approval, as required under Section 10 of the Unit Agreement, in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this Revised Drilling Program 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
Manager
Land Department

APPROVED: _____ DATE: _____
Supervisor, United States Geological Survey
Subject to like approval by the appropriate State Officials

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

APPROVED: *A. J. Peter, Jr.* DATE: *Dec. 7, 1967*
Commissioner of Public Lands
Subject to like approval by the United States Geological Survey
and Oil Conservation Commission

The foregoing approvals are for the Revised 1967 Drilling Program for the
San Juan 29-7 Unit, #14-08-001-1650.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas, Texas 75221

Aztec Oil & Gas Company
2000 First National Bank Building
Dallas, Texas 75202
Attention: Mr. H. L. Snider, Jr.

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico 87401

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas 76301

Continental Oil Company
Attention: Mr. H. D. Haley
P. O. Box 1621
Durango, Colorado 81302

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

Mr. Morris Mizel
4112 East 11th St.
Tulsa, Oklahoma 74112

Northwest Production Corporation (2)
P. O. Box 1796
El Paso, Texas 79949

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. J. A. Pierce
Box AA
Aztec, New Mexico 87410

Pubco Petroleum Corporation (2)
Attention: Mr. Gilbert J. Sevier, Jr.
Attention: Mr. Robert C. Youngman
P. O. Box 869
Albuquerque, New Mexico 87103

Sinclair Oil & Gas Company (3)
Attention: Mr. S. K. Van Steenberg
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Skelly Oil Company
Attention: Mr. Wm. R. Kendall
District Exploration Manager
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Skelly Oil Company
Attention: Mr. Barton W. Ratliff
P. O. Box 1650
Tulsa, Oklahoma 74102

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas 75201

Tenneco Oil Company
Attention: Mr. R. E. Siverson
Post Office Box 1714
Durango, Colorado 81302

Tenneco Oil Company
Attention: Mr. Weaver W. Ralls, Supervisor
Division Records and Rentals
900 Wilco Building
Midland, Texas 79701

General Petroleum Corporation
1700 Broadway
Denver, Colorado 80202

Mr. Jerome P. McHugh
d/b/a Jerome P. McHugh & Associates
930 Petroleum Club Building
Denver, Colorado 80202

Mr. Vincent F. Shryack
934 South High Street
Denver, Colorado 80209

El Paso Natural Gas Company

El Paso, Texas 79999

July 31, 1967

674

RECEIVED

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Mr. John Anderson
Regional Oil and 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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
INITIAL PARTICIPATING AREA
DAKOTA FORMATION, Effective:
January 17, 1967.
(First Production Test Date)

Gentlemen:

The Initial Participating Area of the Dakota Formation for the San Juan 29-7 Unit #14-08-001-1650, Rio Arriba County, New Mexico was approved by the regulatory bodies on the following dates:

United States Geological Survey - July 21, 1967

Commissioner of Public Lands - June 7, 1967
State of New Mexico

Oil Conservation Commission - June 8, 1967
State of New Mexico

Copies of this letter are being sent to the working interest owners of the San Juan 29-7 Unit.

Very truly yours,

Charles Higgins

Charles Higgins
Assistant Supervising Landman
Land Department

CH:CTR:psr
San Juan 29-7 Unit, 4.3



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

IN REPLY REFER TO:

July 27, 1967

674

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

Attention: Mr. Charles Higgins

Gentlemen:

The initial Dakota participating area for the San Juan 29-7 unit agreement, Rio Arriba County, New Mexico, was approved July 21, 1967, by the Acting Director, Geological Survey, effective as of January 17, 1967.

Two approved copies of the application are enclosed. You are requested to furnish the State of New Mexico and all interested parties with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SGD.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

674

June 8, 1967

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

Attention: Mr. Charles Higgins

Re: Initial Participating Area,
Dakota Formation, San Juan
29-7 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, Dakota Formation for the San Juan 29-7 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.

Five approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

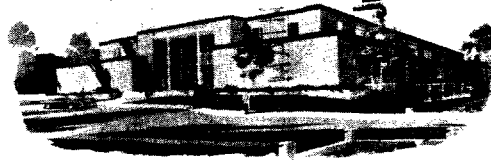
Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEX/og

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

State of New Mexico



Commissioner of Public Lands



June 7, 1967

GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
INITIAL PARTICIPATING AREA
DAKOTA FORMATION

ATTENTION: Mr. Charles Higgins

Gentlemen:

The Commissioner of Public Lands has this date approved your Initial Participating Area, Dakota Formation, for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, this approval is subject to like approval by the United States Geological Survey and Oil Conservation Commission.

We are retaining two copies and handing six (6) copies to the Oil Conservation Commission for their approval and requesting that they forward five (5) copies to the United States Geological Survey at Roswell for their consideration.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS
BY:
Eddie Lopez, Supervisor
Unit Division

BBH/TB/EL/s

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

PH 1

El Paso Natural Gas Company

El Paso, Texas 79999

June 5, 1967

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

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
NOTICE OF DISCOVERY AND REQUEST FOR
APPROVAL OF THE INITIAL PARTICIPATING
AREA OF THE DAKOTA FORMATION,
Effective January 17, 1967
(First Production Test Date)

Dear Sir:

We are enclosing for your approval eight (8) copies of Application for Approval of the Initial Participating Area of the Dakota Formation for the captioned Unit.

If this Application meets with your approval, please execute all copies and forward them to the Oil Conservation Commission for their approval and execution. After this Application has been signed by the Commissioner of Public Lands and the Oil Conservation Commission, the Commissioner of Public Lands should retain two (2) copies for his file and the Oil Conservation Commission should retain one (1) copy for its file, and five (5) copies should be forwarded to the United States Geological Survey in Roswell, New Mexico, for their approval and further handling. After this Application has been approved and signed by the United States Geological Survey, two (2) copies should be returned to El Paso.

Very truly yours,

Original Signed By:
CHARLES HIGGINS
Charles Higgins
Assistant Supervising Landman
Land Department

CH:JS:sb
Enclosures

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

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

COPY

El Paso Natural Gas Company

El Paso, Texas 79999

June 1, 1967

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
NOTICE OF DISCOVERY AND REQUEST FOR
APPROVAL OF THE INITIAL PARTICIPATING
AREA OF THE DAKOTA FORMATION,
Effective January 17, 1967
(First Production Test Date)

Gentlemen:

Pursuant to the provisions of Section 11 (b) of the San Juan 29-7 Unit Agreement #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on January 17, 1967, that the San Juan 29-7 Unit #100 Well, completed in the Dakota Formation by Mr. Jerome P. McHugh under a Designation of Sub-Operator, is capable of producing unitized substances in paying quantities from said formation, and that Operator hereby respectfully requests approval of the Initial Participating Area for the Dakota Formation to include the following selection of lands:

INITIAL PARTICIPATING AREA - Effective January 17, 1967

<u>Description of Lands</u>	<u>Acres</u>
<u>Township 29 North, Range 7 West, N.M.P.M.</u>	
Section 6: Lots 10, 11, 12, 13, 14, SE/4 NW/4, E/2 SW/4 (W/2)	
Section 7: Lots 5, 6, E/2 NW/4	327.78

These lands are proven to be productive by the following:

RECEIVED
JUN 7 9 15 AM '67
STATE GEOLOGICAL SURVEY
SANTA FE, N.M.

5 PM JUN 7 1967

June 1, 1967

The San Juan 29-7 Unit #100 Well, located 790 feet from the South line and 950 feet from the West line of Section 6, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on December 11, 1966, and was completed on December 29, 1966, at a total depth of 7,630 feet. The Dakota Formation from 7,392'-7,394', 7,406'-7,408', 7,476'-7,478', 7,502'-7,504', 7,530'-7,532', 7,570'-7,572', 7,589'-7,591', 7,596'-7,598', was treated with a sand-water fracturing process. The well was shut-in on January 10, 1967, and after being shut-in for seven (7) days the Dakota Formation was tested on January 17, 1967, and after a three (3) hour blow-down period the well gauged 6,511 MCFGPD through a 3/4" choke and 8,456 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,219 psia and a SIPC of 2,614 psia.

In support of this application, the following listed Exhibits are made a part hereof:

EXHIBIT "A"

Ownership map reflecting the boundaries of the Unit and the proposed Initial Dakota Participating Area.

EXHIBIT "B"

Geological report on the Initial Dakota Participating Area within the San Juan 29-7 Unit.

EXHIBIT "C"

Structural Contour Maps.

EXHIBIT "D"

Schedule of Dakota Area Production.

Attached is Schedule I, which shows the proposed Initial Participating Area for the Dakota Formation in the San Juan 29-7 Unit Area. This Schedule describes the Initial Participating Area, shows the percentages of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

If this Initial Participating Area of the Dakota Formation meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.

RECEIVED
JUN 7 3 15 AM '67
LAND OFFICE
SANTA FE, N.M.

June 1, 1967

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

Very truly yours,

Charles Higgins

Charles Higgins
Assistant Supervising Landman
Land Department

CH:JS:sb

Enclosures

San Juan 29-7 Unit, 4.3, Tract #12
NM-6828

RECEIVED
JUN 7 9 15 AM '67
STATE LAND OFFICE
SANTA FE, N.M.

APPROVED: _____

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

DATE: _____

APPROVED: _____

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

DATE: _____

June 7, 1967

APPROVED: _____

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

DATE: _____

June 8, 1967

The foregoing approvals are for the Initial Participating Area of the Dakota Formation for the San Juan 29-7 Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
WORKING INTEREST OWNERS

American Petrofina Company of Texas
P. O. Box 2159
Dallas, Texas 75221

Aztec Oil & Gas Company
2000 First National Bank Building
Dallas, Texas 75202
Attention: Mr. H. L. Snider, Jr.

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico 87401

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas 76301

Continental Oil Company
Attention: Mr. H. D. Haley
P. O. Box 1621
Durango, Colorado 81302

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

Mr. Morris Mizel
Suite 212
2525 East 21st Street
Tulsa, Oklahoma 74104

Northwest Production Corporation (2)
P. O. Box 1796
El Paso, Texas 79949

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. J. A. Pierce
Box AA
Aztec, New Mexico 87410

Pubco Petroleum Corporation (2)
Attention: Mr. Gilbert J. Sevier, Jr.
Attention: Mr. Robert C. Youngmun
P. O. Box 869
Albuquerque, New Mexico 87103

Sinclair Oil & Gas Company (3)
Attention: Mr. S. K. Van Steenbergh
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
Denver, Colorado 80203

Skelly Oil Company
Attention: Mr. James Maedgen
P. O. Box 4115, Station "A"
Albuquerque, New Mexico 87106

Skelly Oil Company
Attention: Crude Oil & Gas Acctg. Section
P. O. Box 1650
Tulsa, Oklahoma 74102

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas 75201

Tenneco Oil Company
Attention: Mr. R. E. Siverson
P. O. Box 1714
Durango, Colorado 81302

Tenneco Oil Company
Attention: Mr. Weaver W. Ralls, Supervisor
Division Records and Rentals
900 Wilco Building
Midland, Texas 79701

General Petroleum Corporation
1700 Broadway
Denver, Colorado 80202

Mr. Jerome P. McHugh
d/b/a Jerome P. McHugh & Associates
930 Petroleum Club Building
Denver, Colorado 80202

Mr. Vincent F. Shryack
934 South High Street
Denver, Colorado 80209

El Paso Natural Gas Company

El Paso, Texas 79999

May 24, 1967

RECEIVED
MAY 25 1967

67/4

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

Re: 1967 DRILLING PROGRAMS
Rio Arriba County, New Mexico

Gentlemen:

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

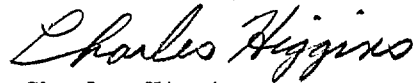
- | | |
|--|----------------|
| 1. San Juan 27-5 Unit, #14-08-001-950: | |
| United States Geological Survey | May 17, 1967 |
| Commissioner of Public Lands | April 28, 1967 |
| Oil Conservation Commission | April 27, 1967 |
| 2. San Juan 28-5 Unit, #14-08-001-949: | |
| United States Geological Survey | May 18, 1967 |
| Commissioner of Public Lands | April 26, 1967 |
| Oil Conservation Commission | April 17, 1967 |
| 3. San Juan 28-7 Unit, #14-08-001-459: | |
| United States Geological Survey | April 19, 1967 |
| Commissioner of Public Lands | April 20, 1967 |
| Oil Conservation Commission | April 26, 1967 |
| 4. San Juan 29-6 Unit, #14-08-001-439: | |
| United States Geological Survey | March 30, 1967 |
| Commissioner of Public Lands | March 31, 1967 |
| Oil Conservation Commission | April 11, 1967 |

May 24, 1967

- ✓ 5. San Juan 29-7 Unit, #14-08-001-1650:
United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
January 30, 1967
February 3, 1967
April 26, 1967
6. San Juan 31-6 Unit, #14-08-001-464:
United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
January 26, 1967
February 3, 1967
April 27, 1967

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

Yours very truly,



Charles Higgins
Assistant Supervising Landman
Land Department

CH:CTR:sb

San Juan 27-5, 28-5, 28-7,
29-6, 29-7, and 31-6 Units - 3.0

Jim

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

674

April 26, 1967

C
O
P
Y

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

Attention: Mr. T. W. Bittick

Re: 1967 Drilling Program
San Juan 29-7 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 29-7 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: Commissioner of Public Lands - Santa Fe
U. S. Geological Survey - Roswell



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

January 30, 1967

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

Attention: Mr. T. W. Bittick

Gentlemen:

Your 1967 plan of development dated January 3, 1967, for the San Juan 29-7 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.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting 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)

El Paso Natural Gas Company

El Paso, Texas 79999

January 3, 1967

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
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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1967 DRILLING PROGRAM

Gentlemen:

By letter dated February 25, 1966, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program for the captioned unit for the calendar year 1966. Said program provided for the drilling of no wells during 1966. However, since this program was filed, one Dakota well was recently commenced by Jerome P. McHugh in the SW/4 of Section 6, T-29-N, R-7-W, N.M.P.M., under a Designation of Sub-Operator. This well which is presently being drilled, is designated the San Juan 29-7 Unit No. 100 Well and has the W/2 of Section 6 and the NW/4 Section 7, T-29-N, R-7-W, N.M.P.M., dedicated thereto. If the San Juan 29-7 No. 100 Well is subsequently determined to be commercial, it will occasion the initial Expansion of the Dakota Participating Area.

As of this date, the total number of wells drilled in the San Juan 29-7 Unit is as follows:

Mesaverde, Commercial	71
Dakota, Drilling	<u>1</u>
	72

The Mesaverde Formation of the Unit is fully developed on a 320-acre drilling block basis and all unit lands are within the Mesaverde Participating Area. The Pictured Cliffs Formation is nonproductive throughout the unit, and the Dakota Formation in the unit has not been determined to be commercial. Therefore, pursuant to Section 10 of the San Juan 29-7 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.

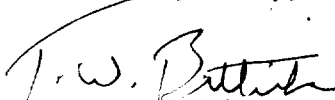
All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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,


T. W. Bittick
Manager
Land Department


TWB:CTR:jm

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

DATE: _____

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

DATE: _____

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

DATE: April 26, 1967

The foregoing approvals are for the 1967 Drilling Program for the San Juan 29-7
Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
WORKING INTEREST OWNERS

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
2000 First National Bank Building
Dallas, Texas 75202
Attention: Mr. H. L. Snider, Jr.

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Continental Oil Company
Attention: Mr. H. D. Haley
Post Office Box 1621
Durango, Colorado

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

Mr. Morris Mizel
4112 East 11th Street
Tulsa, Oklahoma

Northwest Production Corporation (2)
Post Office Box 1796
El Paso, Texas

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. J. A. Pierce
Aztec, New Mexico

Pubco Petroleum Corporation (2)
Attention: Mr. Gilbert J. Sevier, Jr.
Attention: Mr. Robert C. Youngmun
Post Office Box 869
Albuquerque, New Mexico 87103

Sinclair Oil & Gas Company (3)
Attention: Mr. S. K. Van Steenbergh
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
Denver, Colorado 80203

Skelly Oil Company
Attention: Mr. James Maedgen
Post Office Box 4115, Station "A"
Albuquerque, New Mexico

Skelly Oil Company
Attention: Crude Oil & Gas Acctg. Section
Post Office Box 1650
Tulsa, Oklahoma

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

Tenneco Oil Company
Attention: Mr. R. E. Siverson
Post Office Box 1714
Durango, Colorado 81302

Tenneco Oil Company
Attention: Mr. Weaver W. Ralls, Supervisor
Division Records and Rentals
4th Floor, 201 Wall Building
Midland, Texas 79701

674

December 5, 1966

66 DEC 6 AM 11

Jerome P. McHugh & Associates
930 Petroleum Club Building
Denver, Colorado 80202

Re: San Juan 29-7 Unit
Rio Arriba County,
New Mexico

ATTENTION: Mr. V. E. Shryack

Gentlemen:

We acknowledge receipt of your letter dated November 30, 1966, together with two copies of Designation of Sub-Operator between El Paso Natural Gas Company and Jerome P. McHugh, whereas, Jerome P. McHugh is designated Sub-Operator in the drilling of the No. 100 Dakota Well in Section 6, Township 29 North, Range 7 West, the W/2 and Section 7, Township 29 North, Range 7 West the NW/4, San Juan 29-7 Unit, Rio Arriba County, New Mexico.

The Designation of Sub-Operator is accepted, however, such does not in any way relieve El Paso Natural Gas Company of it's responsibilities as Unit Operator of the San Juan 29-7 Unit Agreement.

We are retaining both original copies for our files.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/MMR/s
encl. 1.

Jerome P. McHugh & Associates
December 5, 1966
Page 2.

cc: United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission ✓
Santa Fe, New Mexico

JEROME P. McHUGH & ASSOCIATES

Oil Producers

930 PETROLEUM CLUB BLDG. • DENVER, COLORADO 80202

PHONE 266-0891

JEROME P. McHUGH

November 30, 1966

674

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

Re: San Juan 29-7 Unit No. 100 Dakota Well
W/2 Sec. 6, NW/4 Sec. 7,
T-29-N, R-7-W, N.M.P.M.,
Rio Arriba County, New Mexico

Gentlemen:

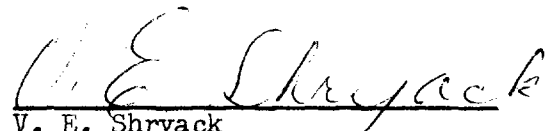
For your file and information we enclose one copy of Designation of
Sub-Operator between El Paso Natural Gas Company and Jerome P. McHugh
concerning the above captioned lands.

Very truly yours,

JEROME P. McHUGH & ASSOCIATES

VES:jak

Enc.


V. E. Shryack
Registered Professional Engineer

66 DEC 2 AM 06

DESIGNATION OF SUB-OPERATOR

THIS DESIGNATION is made and entered into this 14th day of November, 1966, by and between EL PASO NATURAL GAS COMPANY, a Delaware corporation, whose address is Post Office Box 1492, El Paso, Texas 79999, hereinafter sometimes referred to as "Operator", and JEROME P. McHUGH whose address is 930 Petroleum Club Building, Denver, Colorado 80202, hereinafter sometimes referred to as "Sub-Operator";

WHEREAS, Operator is Unit Operator for the San Juan 29-7 Unit, No. 14-08-001-1650, Rio Arriba County, New Mexico; and

WHEREAS, Sub-Operator desires to drill a Dakota well on the following described land pursuant to the provisions of Section Thirteen (13) of the San Juan 29-7 Unit Agreement:

Township 29 North, Range 7 West, N.M.P.M.
Section 6: Lots 10, 11, 12, 13, 14, SE/4 NW/4, E/2 SW/4 (W/2)
Section 7: Lots 5, 6, E/2 NW/4 (NW/4)
Containing 327.78 acres, more or less
Rio Arriba County, New Mexico

WHEREAS, the above described land is committed to the terms and conditions of the San Juan 29-7 Unit Agreement and San Juan 29-7 Unit Operating Agreement; and

WHEREAS, Sub-Operator has been furnished Notice of Operator's election not to drill and said Dakota well as Unit Operator under the terms of the San Juan 29-7 Unit Agreement; and

WHEREAS, Sub-Operator has requested that Operator execute this Designation in order that said Dakota well may be drilled by Sub-Operator.

NOW, THEREFORE, in order to permit Jerome P. McHugh to drill the above described Dakota well, El Paso Natural Gas Company, as Unit Operator of the San Juan 29-7 Unit, hereby designates Jerome P. McHugh as Sub-Operator for the sole and only purpose of drilling the said Dakota well on the above described land pursuant to Section Thirteen (13) of the San Juan 29-7 Unit Agreement.

Sub-Operator indicates his acceptance of this Designation by placing his signature in the space provided below and agrees to drill, complete and/or plug and abandon said Dakota well as a reasonable and prudent operator in accordance with the terms and conditions of the San Juan 29-7 Unit Agreement and the San Juan 29-7 Unit Operating Agreement and also agrees to the following conditions:

1. Unit Operator's representative shall approve all casing programs and equipment specifications prior to the drilling of any well.
2. Notify Operator when drilling operations are commenced.
3. Furnish Operator with complete daily driller's tour report, at Sub-Operator's expense.
4. Furnish Operator with daily reports by telephone call or telegram at Sub-Operator's expense, as to the formation or formations penetrated during the previous day's drilling, the depth at which each formation is encountered, and the depth at which the report is made.
5. Allow representatives of Operator access to the derrick floor at all times.
6. Notify Operator of intentions to core, drill stem test or run well surveys in sufficient time to enable Operator's representatives to be present; and also notify Operator in sufficient time in order that Operator may attend and witness any and all potential tests.
7. Adequately test and/or core all possible productive formations to the satisfaction of Operator upon request.
8. Have any core having shows of oil or gas analyzed by a competent core analysis laboratory, and have such laboratory send three preliminary copies and three final copies of the analysis report to Operator.
9. Furnish Operator three field prints and five final prints of all well surveys made during drilling or upon completion of the well.
10. Furnish Operator a representative and adequate cut of all cores and ditch samples taken during the drilling of a well.
11. Provide Operator with copies of drilling time records, hole deviation tests and all records required by the governmental agencies having jurisdiction of the well.
12. Notify Operator of any intention to plug and abandon the well and allow Operator forty-eight (48) hours in which to concur.
13. Sub-Operator shall carry and pay for and file with Operator for its approval proper and acceptable evidence of the following insurance:
 - a. Workmen's Compensation and/or Employer's Liability Insurance which shall comply with the laws of the State in which this agreement is to be performed and shall cover all of its employees engaged in the activities to be performed under this agreement.
 - b. Automobile Public Liability Insurance with not less than \$100/300,000.00 limits covering bodily injury and death, and property damage with a limit of not less than \$50,000.00 to cover all automotive equipment used in connection with performance of this agreement.
 - c. Public Liability Insurance covering activities performed under this agreement with bodily injury and death limits of \$100,000.00 as to any one person and \$300,000.00 as to any one accident. Property Damage Insurance with limits of \$50,000.00.

14. Furnish the United States Geological Survey and the Oil Conservation Commission of the State of New Mexico all proper and necessary reports and well data in the required numbers and time periods as specified by the United States Geological Survey and the Oil Conservation Commission of the State of New Mexico, with a copy to Operator at the addresses hereinafter provided.
15. Provide the Commissioner of Public Lands of the State of New Mexico with copies of all reports and other well data submitted in accordance with the preceding paragraph.

All notices, samples or other information required to be furnished shall be sent to:

El Paso Natural Gas Company
Post Office Box 1492
El Paso, Texas 79999
Attention: Land Department

With copies to:
El Paso Natural Gas Company
Post Office Box 990
Farmington, New Mexico
Attention: Regional Land Manager

Sub-Operator shall comply with all applicable laws, rules and regulations of any governmental authority having jurisdiction over operations performed under this Designation, and shall indemnify, protect and hold Operator harmless from and against any and all claims, demands or causes of action for injuries or death to persons or damage to property occurring in connection with or in any manner incident to operations conducted by the Sub-Operator hereunder.

Sub-Operator and Operator agree that Sub-Operator shall drill and complete or plug and abandon the subject Dakota well pursuant to the provisions of the San Juan 29-7 Unit Operating Agreement.

The drilling of the said Dakota well is subject to approval by the Oil Conservation Commission of the State of New Mexico as to privately owned lands, the Commissioner of Public Lands of the State of New Mexico as to State lands, and the Supervisor of the United States Geological Survey, Roswell, New Mexico, as to Federal and/or Indian lands.

THIS DESIGNATION shall be effective for a period of time not to exceed three (3) months from the date hereof, or until said Dakota test is completed and/or plugged and abandoned, whichever is the sooner.

THIS DESIGNATION is personal and cannot be assigned in whole or in part by Sub-Operator without the written consent of Operator having first been obtained.

El Paso Natural Gas Company

El Paso, Texas 79999

August 12, 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
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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1966 DRILLING PROGRAM

Gentlemen:

The 1966 Drilling Program for the San Juan 29-7 Unit #14-08-001-1650 was approved by the regulatory bodies on the following dates:

1. United States Geological Survey - April 7, 1966
2. Commissioner of Public Lands
State of New Mexico - March 15, 1966
3. Oil Conservation Commission
State of New Mexico - August 5, 1966

Copies of this letter are being sent to the working interest owners of the San Juan 29-7 Unit.

Yours very truly,

EL PASO NATURAL GAS COMPANY


Harry Gevertz
Supervising Landman
Land Department

HG:CTR:sb

San Juan 29-7 Unit 3.0

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

674

August 5, 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 29-7 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 1966 Drilling Program for the San Juan 29-7 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.

The approved copy of the program is returned herewith.

Very truly yours,

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

ALP/JEK/oc
cc: Commission of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico

C
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APR 6 AM 9 11
Drawer 1857
Roswell, New Mexico 88201

April 7, 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 February 25, 1966, for the San Juan 29-7 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,
(SHE. 132.) JOHN A. ANDERSON

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:4-7-66

El Paso Natural Gas Company

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 29-7 Unit, #14-08-001-1650
Rio Arriba County, New Mexico
1966 DRILLING PROGRAM

Gentlemen:

By letter dated December 23, 1964, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1965, providing for the drilling of no wells and none were drilled in subject Unit during 1965. All lands in the Unit are now admitted to the Mesaverde Participating Area, and the Mesaverde Formation within the entire unit area is fully developed on a 320-acre drilling block basis.

Seventy-two wells were completed in the Mesaverde Participating Area and all wells were determined to be commercial for unit purposes. Subsequently the Luce No. 1 Well, located in the W/2 of Section 15, T-29-N, R-7-W, N.M.P.M., was plugged and abandoned.

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 since the Mesaverde Formation is fully developed and the Pictured Cliffs Formation in the area is non-productive.

All of the 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 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.


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

Attachment

APPROVED:

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


DATE: _____

APPROVED:

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

DATE: _____

APPROVED:



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

DATE: Aug 5, 1966

The foregoing approvals are for the 1966 Drilling Program for the San Juan
29-7 Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
2000 First National Bank Building
Dallas, Texas 75202

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Continental Oil Company
Attention: Mr. H. D. Haley
P. O. Box 1621
Durango, Colorado

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

Mr. Morris Mizel
4112 East 11th Street
Tulsa, Oklahoma

Northwest Production Corporation (2)
P. O. Box 1796
El Paso, Texas

Pan American Petroleum Corporation (7)
Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Mr. J. A. Pierce
Box AA
Aztec, New Mexico

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

Pubco Petroleum Corporation (2)
Attention: Mr. Gilbert J. Sevier, Jr.
Attention: Mr. Robert C. Youngmun
P. O. Box 1419
Albuquerque, New Mexico 87103

Sinclair Oil & Gas Company (3)
Attention: Mr. S. K. Van Steenbergh
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
Denver, Colorado 80203

Skelly Oil Company
Attention: Mr. V. E. Bartlett
P. O. Box 4115, Station "A"
Albuquerque, New Mexico

Skelly Oil Company
Attention: Mr. T. F. Thompson
Skelly Building
Tulsa 2, Oklahoma

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

Tenneco Oil Company
Attention: Mr. R. E. Siverson
P. O. Box 1714
Durango, Colorado

Tenneco Oil Company
Attention: Mr. W. Cass Peters
P. O. Box 18, Tennessee Bldg.
Houston 1, Texas

Tenneco Oil Company
Attention: Mr. W. T. Well, Jr.
P. O. Box 1031
Midland, Texas

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 29-7 Unit, #14-08-001-1650
Rio Arriba County, New Mexico
1965 DRILLING PROGRAM


Gentlemen:

The 1965 Drilling Program for the San Juan 29-7 Unit was approved by the Regulatory Bodies on the following dates:

1. United States Geological Survey - March 5, 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 working interest owners of the San Juan 29-7 Unit.

Very truly yours,


Harry Gevertz
Regional Landman
Land Department

HG:GWO:sl
SJ 29-7, 3.0

674

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

March 23, 1965

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

Attention: Mr. Sam Smith

**Re: 1965 Drilling Program
San Juan 29-7 Unit,
Rio Arriba County, New
Mexico**

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1965 Drilling Program for the San Juan 29-7 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/eg

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

C
O
P
Y

Drawer 1857
Roswell, New Mexico 88201

March 5, 1965

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

Attention: Mr. Sam Smith

Gentlemen:

Your 1965 plan of development dated December 23, 1964, for the San Juan 29-7 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 your plan are enclosed.

Sincerely yours,

(S. S.) BILLY J. SHOGER

BILLY J. SHOGER
Acting 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)

11 MAR 11 1965

March 4, 1965

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

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1965 Plan of Development

Gentlemen:

The Commissioner of Public Lands approves as of March 4, 1965, your 1965 Plan of Development for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

The Plan provides for the drilling of no additional wells during 1965. We are returning one approved copy of the Plan.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
(Mr.) 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

December 23, 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 29-7 Unit, #14-08-001-1650
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, providing for the drilling of no wells and none were drilled in subject Unit during 1964. All lands in the Unit are now admitted to the Mesaverde Participating Area, and the Mesaverde Formation within the entire unit area is fully developed on a 320-acre drilling block basis.

Seventy-two (72) wells have been completed in the Mesaverde Formation on lands committed to this Unit. All wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde Participating Area.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1965, providing for the drilling of no wells since the Mesaverde Formation is fully developed and the Pictured Cliffs Formation in the area is non-productive.

All of the 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 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.

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
Sam Smith, Manager
Land Department

SS:CTR:js

APPROVED: _____

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


DATE: _____

APPROVED: _____

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

DATE: _____

APPROVED: _____


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

DATE: 3-24-64

The foregoing approvals are for the 1965 Drilling Program for the San Juan 29-7
Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas 1, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Continental Oil Company
P. O. Box 3312
Durango, Colorado

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

Mr. Morris Mizel
4112 East 11th St.
Tulsa, Oklahoma

Northwest Production Corporation
P. O. Box 1796
El Paso, Texas

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. J. A. Pierce
Box AA
Aztec, New Mexico

Pubco Petroleum Corporation
Attention: Mr. Gilbert J. Sevier, Jr.
Attention: Mr. Robert C. Youngmun
P. O. Box 1419
Albuquerque, New Mexico

Sinclair Oil & Gas Company
P. O. Box 4005
Albuquerque, New Mexico

Skelly Oil Company
Attention: Mr. Harvey B. Hunt, Jr.
P. O. Box 4115, Station "A"
Albuquerque, New Mexico

Skelly Oil Company
Attention: Mr. T. F. Thompson
P. O. Box 1650
Tulsa 2, Oklahoma

Southern Union Gas Company
Attention: Mr. Howard W. McDade
1507 Pacific Avenue
Dallas, Texas

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

Tenneco Oil Company
Attention: Mr. R. E. Siverson
P. O. Box 1714
Durango, Colorado

El Paso Natural Gas Company

El Paso, Texas

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 29-7 Unit, #14-08-001-1650
Rio Arriba County, New Mexico
1964 DRILLING PROGRAM

Gentlemen:

The 1964 Drilling Program for the San Juan 29-7 Unit was approved by the regulatory bodies on the following dates:

1. United States Geological Survey - April 27, 1964
2. 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 29-7 Unit.

Very truly yours,


Charles T. Richardson
Area Coordinator
Land Department

CTR:GWO:js

SJ 29-7, 3.0

674
Drawer 1857
Roswell, New Mexico 88201

April 27, 1964

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

Attention: Mr. Sam Smith

Gentlemen:

Your 1964 plan of development dated February 25, 1964, for the San Juan 29-7 unit agreement, 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. SGD.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil & Gas Supervisor

cc:

Washington (w/cy of plan)
Farmington (w/cy of plan)
RMOCC - Santa Fe (ltr. only)✓
Com. Of Pub. Lands - Santa Fe (ltr. only)

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 29-7 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 29-7 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/eq

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

C
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El Paso Natural Gas Company

El Paso, Texas

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 29-7 Unit, #14-08-001-1650
Rio Arriba County, New Mexico
1964 DRILLING PROGRAM

Gentlemen:

By letter dated February 8, 1963, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1963, providing for the drilling of no wells and none were drilled in subject Unit during 1963. All lands in the Unit are now admitted to the Mesaverde Participating Area, and the Mesaverde Formation within the entire unit area is fully developed on a 320 acre drilling block basis.

Seventy-two (72) wells have been completed in the Mesaverde Formation on lands committed to this Unit. All wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde Participating Area.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1964, providing for the drilling of no wells since the Mesaverde Formation is fully developed and the Pictured Cliffs Formation in the area is non-productive.

All of the 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, will 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.

If this Drilling Program is acceptable, please signify your approval thereof pursuant to 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:GWO:js

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

DATE: _____

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

DATE: _____

APPROVED: A. H. Porter, Jr.
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: 4-8-68

The foregoing approvals are for the 1964 Drilling Program for the San Juan
29-7 Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas 1, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Delhi-Taylor Oil Corporation
Attention: Mr. R. L. Caldwell
2630 Fidelity Union Tower
Dallas, Texas

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

Mr. Morris Mizel
4112 East 11th St.
Tulsa, Oklahoma

Northwest Production Corporation
P. O. Box 1796
El Paso, Texas

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. J. A. Pierce
Aztec, New Mexico

Pubco Petroleum Corporation
Attention: Mr. Gilbert J. Sevier, Jr.
Attention: Mr. Robert C. Youngmun
P. O. Box 1419
Albuquerque, New Mexico

San Jacinto Oil & Gas Company
San Jacinto Building
Houston 2, Texas

Sinclair Oil & Gas Company
P. O. Box 4005
Albuquerque, New Mexico

Skelly Oil Company
Attention: Mr. Harvey B. Hunt, Jr.
P. O. Box 4115, Station "A"
Albuquerque, New Mexico

Skelly Oil Company
Attention: Mr. T. F. Thompson
P. O. Box 1650
Tulsa 2, Oklahoma

Southern Union Gas Company
Attention: Mr. Howard W. McDade
1507 Pacific Avenue
Dallas, Texas

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

Tenneco Oil Company
Attention: Mr. W. Cas Peters
P. O. Box 18, Tennessee Building
Houston 1, Texas

Tenneco Oil Company
Attention: Mr. W. T. Wells, Jr.
P. O. Box 1031
Midland, Texas

Tenneco Oil Company
Attention: Mr. L. B. Plumb
P. O. Box 1714
Durango, Colorado

El Paso Natural Gas Company
El Paso, Texas
1963 APR 6 AM 8 08

April 4, 1963

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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 29-7 Unit
Rio Arriba County, New Mexico
1963 DRILLING PROGRAM

Gentlemen:

The 1963 Drilling Program for the San Juan 29-7 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 27, 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 29-7 Unit.

Very truly yours,

Charles T. Richardson
Charles T. Richardson
Area Coordinator
Land Department

CTR:GWO:js

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

674

March 27, 1963

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

Attention: Mr. Sam Smith

**Re: 1963 Drilling Program
San Juan 29-7 Unit, San
Juan 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 29-7 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/ig

**cc: Commissioner of Public Lands
Santa Fe, New Mexico
United States Geological Survey
Roswell, New Mexico**

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MAILED OFFICE DCC

1963 MAR 25 AM

Drawer 1857
Roswell, New Mexico

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 8, 1963, for the San Juan 29-7 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,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Washington (w/cy of plan)
Farmington (w/cy of plan)
RSDCC - Santa Fe (ltr. only) ✓
Com. of Pub. Lands - Santa Fe (ltr. only)

MAIN OFFICE 000

1963 MAR 4 PM 1:35

February 27, 1963

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

Re: San Juan 29-7 Unit
Rio Arriba County,
New Mexico. 1963
Drilling Program

Attention: Mr. Sam Smith

Gentlemen:

The Commissioner of Public Lands has approved your 1963 Drilling Program, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

This Plan does not call for additional drilling since the Mesaverde Formation is fully developed and the Pictured Cliffs Formation in the area is nonproductive.

We are returning one approved copy of this Program.

Very truly yours,

E. S. Johnny Walker
COMMISSIONER OF PUBLIC LANDS

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

ESW/mmr/e
encl;

United States Geological Survey
Roswell, New Mexico
Oil Conservation Commission
Santa Fe, New Mexico

El Paso Natural Gas Company

MAIN OFFICE OCC

El Paso, Texas

February 8, 1963

1963 FEB 13 AM 8:27

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 29-7 Unit, #14-08-001-1650
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, consisting of no wells. All lands in the unit are now admitted to the Mesaverde Participating Area, and the Mesaverde Formation within the entire unit area is fully developed on a 320 acre drilling block basis.

Seventy-two (72) wells have been completed in the Mesaverde Formation on lands committed to this unit. All wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde Participating Area.

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 Mesaverde Formation is fully developed and the Pictured Cliffs Formation in the area is non-productive.

All of the 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, will 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 thereof pursuant to 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
Sam Smith, Manager
Land Department

SS:GWO:ag

APPROVED: _____

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


DATE: _____

APPROVED: _____

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

DATE: _____

APPROVED: _____


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

DATE: 3-27-63

The foregoing approvals are for the 1963 Drilling Program for the San Juan
29-7 Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas 1, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Delhi-Taylor Oil Corporation
Attention: Mr. R. L. Caldwell
2630 Fidelity Union Tower
Dallas, Texas

Mrs. Catherine B. McElvain, Individually &
as Executrix of Estate of T. H. McElvain,
P. O. Box 2148
Santa Fe, New Mexico

Dec'd.

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Northwest Production Corporation (2)
P. O. Box 1796
El Paso 49, Texas

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

Phillips Petroleum Company
Attn: C. W. Corbett, Manager
Exploration & Production Dept.
1200 Denver Club Building
Denver 2, Colorado

Mr. J. A. Pierce
Aztec, New Mexico

Pubco Petroleum Corporation
Attention: Mr. Gilbert J. Sevier, Jr.
P. O. Box 1419
Albuquerque, New Mexico

Pubco Petroleum Corporation
Attention: Mr. Robert C. Youngmun
P. O. Box 1419
Albuquerque, New Mexico

San Jacinto Oil & Gas Company
Attention: L. W. Goodrich
San Jacinto Building
Houston 2, Texas

Skelly Oil Company
Attention: Mr. Harvey B. Hunt, Jr.
P. O. Box 4115, Station "A"
Albuquerque, New Mexico

Skelly Oil Company
Attention: Mr. T. F. Thompson
P. O. Box 1650
Tulsa 2, Oklahoma

Southern Union Gas Company
Attention: Mr. Howard W. McDade
1507 Pacific Avenue
Dallas, Texas

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

Tenneco Oil Company
Attention: Mr. W. Cass Peters
P. O. Box 18, Tennessee Building
Houston 1, Texas

Tenneco Oil Company
Attention: Mr. W. T. Wells, Jr.
P. O. Box 1031
Midland, Texas

Tenneco Oil Company
Attention: Mr. L. B. Plumb
P. O. Box 1714
Durango, Colorado

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston 2, Texas

El Paso Natural Gas Company

El Paso, Texas

May 18, 1962

United States Geological Survey
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 29-7 Unit
1962 Drilling Program


Gentlemen:

The 1962 Drilling Program for the San Juan 29-7 Unit was approved by the regulatory bodies on the following dates:

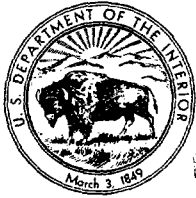
1. United States Geological Survey - May 10, 1962
2. Commissioner of Public Lands - March 21, 1962
3. Oil Conservation Commission - March 29, 1962

Copies of this letter are being sent to the working interest owners of the San Juan 29-7 Unit.

Very truly yours,


Charles T. Richardson
Area Coordinator
Land Department

CTR:AJM:js



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAIL OFFICE OCC

Drawer 1857

Roswell, New Mexico

1962 MAY 15 PM 1:29

May 10, 1962

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

Attention: Mr. Sam Smith

Gentlemen:

Your 1962 plan of development dated March 9, 1962, for the San Juan 29-7 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,

CARD C. TRAYWICK

CARL C. TRAYWICK
Acting Regional Oil & Gas Supervisor

Copy to: Washington (w/cy of plan)
Farmington (w/cy of plan)
NMOC-Santa Fe (ltr only) ✓
Com. of Pub. Lands-Santa Fe (ltr only)

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

674

March 28, 1962

El Paso Natural Gas Company
Box 1492
El Paso, Texas

Attention: Mr. Sam Smith

Re: 1962 Drilling Program
San Juan 29-7 Unit,
Rio Arriba 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 29-7 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/eg

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

C
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March 21, 1962

El Paso Natural Gas Company
El Paso, Texas

Re: San Juan 29-7 Unit
Rio Arriba County,
New Mexico 1962 Drilling
Program

Attention: Mr. Sam Smith

Gentlemen:

The Commissioner has approved as of this date the 1962 Drilling Program for the San Juan 29-7 Unit, Rio Arriba County, New Mexico.

The Mesaverde Formation within this Unit area is fully developed on a 320 acre drilling block. The Pictured Cliffs Formation in the unit area has been determined to be non productive, therefore, the Commissioner is approving a Plan of Development for 1962 which does not call for any drilling during 1962 subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We are returning one approved copy of this Plan.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

ESW/nmr/v

cc: U. S. Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

C
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El Paso Natural Gas Company

El Paso, Texas

~~February 12, 1962~~

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 29-7 Unit, #14-08-001-1650
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, consisting of no wells. All lands in the unit are now admitted to the Mesaverde Participating Area, and the Mesaverde Formation within the entire unit area is fully developed on a 320 acre drilling block basis.

Seventy-two (72) wells have been completed to the Mesaverde Formation on lands committed to this unit. All wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde Participating Area.

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 Mesaverde Formation is fully developed and the Pictured Cliffs Formation in the area is non-productive. 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 of the working interest owners have been contacted and none of them have requested any additional development.


If this Drilling Program is acceptable, please signify your approval thereof pursuant to 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: _____
Commissioner of Public Lands
Subject to like approval by the United States
Geological Survey and the Oil Conservation
Commission.

APPROVED: A. H. Carter, Jr. DATE: 3/29/62
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 1962 Drilling Program for the San Juan 29-7
Unit, #14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas 1, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Delhi-Taylor Oil Corporation
Attention: Mr. R. L. Caldwell
2630 Fidelity Union Tower
Dallas, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Northwest Production Corporation (2)
520 Simms Building
Albuquerque, 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 or Mr. V. H. Stone
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Mr. J. A. Pierce
Aztec, New Mexico

Pubco Petroleum Corporation
Attention: Mr. Gilbert J. Sevier, Jr.
P. O. Box 1419
Albuquerque, New Mexico

Pubco Petroleum Corporation
Attention: Mr. Robert C. Youngmun
P. O. Box 1419
Albuquerque, New Mexico

San Jacinto Oil & Gas Company
San Jacinto Building
Houston 2, Texas

Skelly Oil Company
Attention: Mr. Harvey B. Hunt, Jr.
P. O. Box 4115, Station "A"
Albuquerque, New Mexico

Skelly Oil Company
Attention: Mr. T. F. Thompson
P. O. Box 1650
Tulsa 2, Oklahoma

Southern Union Gas Company
Attention: Mr. Howard W. McDade
1507 Pacific Avenue
Dallas, Texas

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

Tenneco Company
Attention: Mr. W. Cass Peters
P. O. Box 18, Tennessee Building
Houston 1, Texas

Tenneco Company
Attention: Mr. W. T. Wells, Jr.
P. O. Box 1031
Midland, Texas

Tenneco Company
Attention: Mr. L. B. Plumb
P. O. Box 1714
Durango, Colorado

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston 2, Texas

El Paso Natural Gas Company

El Paso, Texas

May 31, 1961

Rec'd 6/7/61

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
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 29-7 Unit

Gentlemen:

The 1961 Drilling Program for the San Juan 29-7 Unit was approved by the regulatory bodies as follows:

- | | |
|------------------------------------|----------------|
| 1. United States Geological Survey | March 16, 1961 |
| 2. Commissioner of Public Lands | April 3, 1961 |
| 3. Oil Conservation Commission | April 28, 1961 |

Copies of this letter are being sent to the working interest owners of the San Juan 29-7 Unit.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Charles Higgins
Charles Higgins
Area Coordinator
Land Department

CH:GA:cah

C O N S E R V A T I O N C O M M I S S I O N

P. O. BOX 871

SANTA FE, NEW MEXICO

674

April 28, 1961

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

Attention: Mr. Sam Smith

**Re: 1961 Drilling Program
San Juan 29-7 Unit Rio
Arriba County, New Mexico**

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1961 Drilling Program for the San Juan 29-7 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/ig

**cc: US Geological Survey
Roswell, New Mexico**

**Commissioner of Public Lands
Santa Fe, New Mexico**

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April 4, 1961

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

**Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1961 Drilling Program**

Attention: Mr. Sam Smith

Gentlemen:

Your Plan of Development for 1961, for the San Juan 29-7 Unit Area, Rio Arriba County, New Mexico, which proposes the drilling of no additional wells, has been approved as of April 3, 1961 by the Commissioner of Public Lands.

One approved copy of the plan is enclosed.

**Very truly yours,
E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS**

**BY:
Ted Bilberry, Supervisor
Oil and Gas Division**

KSW/mmk/s

**cc: Oil Conservation Commission
Santa Fe, New Mexico**

**United States Geological Survey
Roswell, New Mexico**

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P.O. Box 6721
Roswell, New Mexico

March 16, 1961

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

Attention: Mr. Sam Smith

Gentlemen:

Your plan of development for 1961, dated January 20, 1961, for the San Juan 29-7 unit area, Rio Arriba County, New Mexico, which proposes 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,

EDWIN M. THOMASSON
Acting Regional Oil and Gas Supervisor

Copy to: Washington (w/cy of plan)
Farmington (w/cy of plan)
NMOCC, Santa Fe (ltr. only)

El Paso Natural Gas Company

El Paso, Texas

February 9, 1961

Mr. John A. Anderson
Regional Oil & 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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1961 DRILLING PROGRAM

Gentlemen:

This is to advise you that the first two sentences of the captioned 1961 Drilling Program, dated January 20, 1961, should read as follows:

"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, consisting of one Mesa-verde Well. This well was completed during 1960 upon lands committed to this unit."

Will you please note this change on the 1961 Drilling Program for the captioned Unit mailed to you on January 20, 1961.

Copies of this letter are being sent to all working interest owners of the San Juan 29-7 Unit.

Very truly yours,



Charles Higgins
Area Coordinator
Land Department

CH:GA:js

El Paso Natural Gas Company

El Paso, Texas

January 20, 1961

Mr. John A. Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1961 DRILLING PROGRAM

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, consisting of three Mesaverde Wells. All of these wells were completed during 1960 upon lands committed to this unit. All lands in the unit are now admitted to the Mesaverde Participating Area, and the Mesaverde Formation within the entire unit area is fully developed on a 320 acre drilling block basis.

Seventy-two (72) wells have been completed to the Mesaverde Formation on lands committed to this unit. All wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde Participating Area.

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 Mesaverde Formation is fully developed and the Pictured Cliffs Formation in the area is non-productive. 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 of the Working Interest Owners have been contacted and none of them have requested any additional development.

If this Drilling Program is acceptable, please signify your approval thereof pursuant to 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:fsc

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: A. L. Partin _____ DATE: 4-28-61
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 29-7 Unit,
#14-08-001-1650, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
Working Interest Owners

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Pan American Petroleum Corporation
Post Office Box 480
Farmington, New Mexico
Attention: Mr. L. O. Speer, Jr.

District Production Superintendent
District Landman
Tennessee Gas Transmission Co.
P. O. Box 1714
Durango, Colorado

Mr. Howard W. McDade
Southern Union Gas Company
Fidelity Union Tower Building
1507 Pacific Avenue
Dallas 1, Texas

San Jacinto Oil & Gas Co.
San Jacinto Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Miss A. Alverson
Tennessee Gas Transmission Co.
P. O. Box 2511
Houston 1, Texas

Mr. J. P. Wassinger
Tennessee Gas Transmission Co.
P. O. Box 1031
Midland, Texas

Mr. R. L. Caldwell
Delhi-Taylor Oil Corporation
Fidelity Union Tower
Akard & Pacific Sts.
Dallas, Texas

Phillips Petroleum Co.
1211 Main Avenue
Durango, Colorado

Mr. Gilbert J. Sevier, Jr.
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
P. O. Box 1419
Albuquerque, New Mexico

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Co.
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Co.
17th Floor, Corrigan Tower
Dallas 1, Texas

Skelly Oil Co.
P. O. Box 4115, Station "A"
Albuquerque, New Mexico

Western Natural Gas Company
P. O. Box 1508
Houston 2, Texas
Attention: Mr. K. P. Moore

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. J. A. Pierce
Aztec, New Mexico

Petro-Atlas Corporation
P. O. Box 517
Albuquerque, New Mexico

44-0101-000 El Paso Natural Gas Company

RECEIVED SEP 17 1960

El Paso, Texas
September 2, 1960

Carroll

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 29-7 Unit #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 4, 1954, El Paso Natural Gas Company, as Unit Operator, determined on July 7, 1960, that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit. This well is as follows:

The San Juan 29-7 Unit #75-23 Well, located 1800' from the North line and 1750' from the East line of Section 23, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on May 23, 1960, and completed on June 11, 1960, at a total depth of 5450' and a clean out depth of 5408'. The Mesaverde Formation from 4808' - 4814', 4820' - 4832', 4866' - 4882' was treated with a sand-water fracturing process. After being shut-in for twenty-six (26) days, the well was tested in the Mesaverde Formation on July 7, 1960, and following a three (3) hour blow-down period gauged 5278 MCFGPD through a 3/4" choke and 14,544 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1084# and an SIPC of 1089#. The committed drilling block upon which this well is located is described as the E/2 of Section 23, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The drilling block was included in the San Juan 29-7 Unit Twelfth Expanded Participating Area, effective June 1, 1959, as an intervening drilling block. Therefore, the Participating Area is not enlarged, and the percentages 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

By Charles Higgins

Charles Higgins
Area Coordinator
Land Department

CH:GA:js

San Juan 29-7 Unit
Working Interest Owners

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
1211 Main Avenue
Durango, Colorado

Mr. Don E. Weber
Mr. R. N. Walker
Tennessee Gas Transmission Company
Post Office Box 1714
Durango, Colorado

Mr. Howard W. McDade
Southern Union Gas Company
1507 Pacific Avenue
Dallas 1, Texas

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
Post Office Box 1650
Tulsa 2, Oklahoma

Western Natural Gas Company
P. O. Box 1508
Houston 1, Texas
Attention: Mr. K. P. Moore

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. R. L. Caldwell
Delhi-Taylor Oil Corporation
Fidelity Union Tower
1507 Pacific Avenue
Dallas 1, Texas

Mr. J. A. Pierce
Aztec, New Mexico

Pan American Petroleum Corporation (12)
Post Office Box 480
Farmington, New Mexico

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, New Mexico

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

San Jacinto Oil & Gas Company
San Jacinto Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Miss A. Alverson
Mr. Herman Otto
Tennessee Gas Transmission Company
Post Office Box 2511
Houston 1, Texas

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

C. CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

674

May 25, 1960

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

ATTENTION: Mr. Sam Smith

RE: 1960 Plan of Development
San Juan 29-7 Unit Rio
Arriba County, New Mexico

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 29-7 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/ig
cc: US Geological Survey - Roswell
State Land Office - Santa Fe

MAIN OFFICE OCC

1960 MAY 23 AM 8:52 O. Box 6721
Socorro, New Mexico

May 19, 1960

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

Attention: Mr. Sam Smith

Gentlemen:

Your plan of development for 1960, dated January 18, 1960, for the San Juan 29-7 unit area, No. 14-08-001-1430, Rio Arriba County, New Mexico, which proposes the drilling of one Masaverde formation well, 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,

EDWIN M. THOMASON
Acting Oil and Gas Supervisor

Enclosure

Copy to: Washington (w/cy of plan)
Farmington (w/copy of plan)
— NMOC, Santa Fe (ltr only)
Com. of Pub. Lands, Santa Fe (ltr only)

In reply refer to:
Unit Division

February 18, 1960

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

ATTENTION: Mr. Sam Smith

Re: San Juan 29-7 Unit
Rio Arriba County, New Mexico
1960 Drilling Program

Gentlemen:

We are enclosing a copy of the 1960 Plan of Development for the San Juan 29-7 Unit, which was approved by the Commissioner of Public Lands February 18, 1960.

Please notify us when this document has been fully executed.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/m

cc:

DCC-Santa Fe
ISGS-Roswell

El Paso Natural Gas Company

El Paso, Texas

January 29, 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 29-7 Unit #14-08-001-1650
THIRTEENTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective October 1, 1959

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, 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 Mesaverde Formation has been completed upon acreage committed to this Unit, and the Participating Area for the Mesaverde Formation is expanded accordingly to include this well as follows:

The San Juan 29-7 Unit #73 Well, located 815' from the South line and 1825' from the West line of Section 24, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on August 26, 1959, and completed on September 12, 1959, at a total depth of 6041' in the Mesaverde Formation. The Mesaverde Formation from 5300' - 5341', 5348' - 5364', 5371' - 5391', 5408' - 5420', 5472' - 5496', 5523' - 5552', 5620' - 5636', 5740' - 5876', 5901' - 5919', 5953' - 5964', 5976' - 5992' was treated with a sand-water fracturing process. After being shut-in for eighteen (18) days, the well was tested in the Mesaverde Formation on September 30, 1959, and following a three (3) hour blow-down period gauged 5084 MCFGPD through a 3/4" choke and 14,490 MCFGPD by the calculated absolute open-flow method with an SIPT of 1088# and an SIPC of 1088#. The committed drilling block upon which this well is located is described as the W/2 of Section 24, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The foregoing well is being included in the Thirteenth Expanded Participating Area of the Mesaverde Formation effective October 1, 1959.

Attached is Schedule XIV showing the Thirteenth Expanded Participating Area for the Mesaverde Formation of the San Juan 29-7 Unit Area. This schedule describes the Expanded Participating Area, and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval no provision is made therefor, and in the absence of disapproval, this Thirteenth Expanded Participating Area will become effective as of October 1, 1959.

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
T. W. Bittick
Assistant Manager
Land Department

TWB:GA:ch

El Paso Natural Gas Company

El Paso, Texas

January 18, 1960

Mr. John A. Anderson
Regional Oil & 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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1960 DRILLING PROGRAM

Gentlemen:

By letter dated January 2, 1959, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned unit for the calendar year 1959, consisting of three Mesaverde Wells. All of these wells were completed during 1959 upon lands committed to this unit. One (1) additional well, the San Juan 29-7 Unit #73 Well was completed in 1959 on lands committed to this unit. All lands in the unit are either admitted or in the process of being admitted to the Mesaverde Participating Area. Upon the completion of the following proposed well, the Mesaverde Formation within the entire unit area will be fully developed on a 320 acre drilling block basis.

Seventy-one (71) wells have been completed to the Mesaverde Formation on lands committed to this unit. All wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde Participating Area.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1960, consisting of one (1) well to be drilled to the Mesaverde Formation. The proposed drilling site is as follows:

DRILLING BLOCK

FORMATION

*E/2 Section 23, T-29-N, R-7-W

Mesaverde

*Intervening Drilling Block - Must be drilled in 1960.

In addition to the above well, 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.

As Unit Operator, El Paso Natural Gas Company intends to drill all the 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.

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 thereof pursuant to 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

By 
Sam Smith, Manager
Land Department

SS:GA:ch

APPROVED:

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


DATE: _____

APPROVED:

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

DATE: _____

APPROVED:


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

DATE: 5-25-60

The foregoing approvals are for the 1960 Drilling Program for the San Juan 29-7
Unit, Rio Arriba County, New Mexico.

SAN JUAN 29-7 UNIT
WORKING INTEREST OWNERS

Mr. R. N. Richey (2)
Mr. M. J. Jordan (1)
El Paso Natural Gas Company
Northwest Division
Post Office Box 1526
Salt Lake City 10, Utah

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Phillips Petroleum Company
1211 Main Avenue
Durango, Colorado

Mr. Howard McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Co.
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor, Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
P.O. Box 1650
Tulsa 2, Oklahoma

Mr. D. H. Bolin
1120 Oil & Gas Building
Wichita Falls, Texas

Mr. T. H. McElvain
220 Shelby St.
Santa Fe, New Mexico

Tennessee Gas & Oil Co.
P.O. Box 2511
Houston 1, Texas
Attention: Miss A. Alverson

Mr. Herman Otto
Tennessee Gas & Oil Company
Box 2511
Houston 1, Texas

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, New Mexico

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corp.
720 Simms Building
Albuquerque, New Mexico

Pan American Petroleum Corporation
Post Office Box 487
Farmington, New Mexico

Mr. R. L. Caldwell
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. J. D. Moon
Tennessee Gas Transmission Co.
Post Office Box 1714
Durango, Colorado

San Jacinto Petroleum Corp.
San Jacinto Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

American Petrofina Company of Texas
P.O. Box 2159
Dallas 21, Texas

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. R. N. Walker
Tennessee Gas Transmission Co.
P.O. Box 1714
Durango, Colorado

Mr. J. A. Pierce
Aztec, New Mexico

Pan American Petroleum Corporation
P.O. Box 1410
Fort Worth, Texas
Attention: Mr. J. L. Hoyt, Jr.

El Paso Natural Gas Company

El Paso, Texas

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 29-7 Unit #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 4, 1954, El Paso Natural Gas Company, as Unit Operator, determined on October 13, 1959, that one (1) additional well capable of producing unitized substances in paying quantities from the Mesa-verde Formation had been completed upon acreage committed to the Unit. This well is as follows:

The San Juan 29-7 Unit #74 Well, located 1190' from the South line and 1190' from the West line of Section 25, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on September 14, 1959, and completed on September 30, 1959, at a total depth of 5575' in the Mesaverde Formation. The Mesaverde Formation from 4940' - 4992', 5003' - 5027', 5176' - 5197', 5273' - 5293', 5360' - 5433', 5441' - 5452', 5471' - 5486', 5493' - 5503', 5514' - 5528' was treated with a sand-water fracturing process. After being shut-in for thirteen (13) days, the well was tested in the Mesaverde Formation on October 13, 1959, and following a three (3) hour blow-down period gauged 5009 MCFGPD through a 3/4" choke and 13,173 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1098# and an SIPC of 1098#. The committed drilling block upon which this well is located is described as the W/2 of Section 25, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

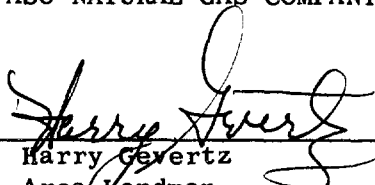
The drilling block was included in the San Juan 29-7 Unit Twelfth Expanded Participating Area, effective June 1, 1959, as an intervening drilling block. Therefore, the Participating Area is not enlarged, and the percentages remain the same.

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

By


Harry Gevertz
Area Landman
Land Department

HG:GA:ch

SAN JUAN 29-7 UNIT
WORKING INTEREST OWNERS

Mr. R. N. Richey (2)
Mr. M. J. Jordan (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. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor, Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
P.O. Box 1650
Tulsa 2, Oklahoma

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Western Natural Gas Company
1006 Main Street
Houston 2, Texas
Attention: Mr. K. P. Moore

Tennessee Gas & Oil Company
P.O. Box 2511
Houston 1, Texas
Attention: Miss A. Alverson

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Herman Otto
Tennessee Gas & Oil Company
Box 2511
Houston 1, Texas

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
P.O. Box 1419
Albuquerque, New Mexico

Mr. J. L. Hoyt, Jr.
Pan American Petroleum Corporation (12)
P.O. Box 1410
Fort Worth, Texas

Pan American Petroleum Corporation
P.O. Box 487
Farmington, New Mexico

Mr. R. L. Caldwell
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. J. D. Moon
Tennessee Gas Transmission Company
P.O. Box 1714
Durango, Colorado

San Jacinto Petroleum Corp.
San Jacinto Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

American Petrofina Company of Texas
P.O. Box 2159
Dallas 21, Texas

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corporation
720 Simms Building
Albuquerque, New Mexico

Mr. R. N. Walker
Tennessee Gas Transmission Company
P.O. Box 1714
Durango, Colorado

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. J. A. Pierce
Aztec, New Mexico

El Paso Natural Gas Company

El Paso, Texas

June 22, 1959

Case 6 1214

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 29-7 Unit, #14-08-001-1650
TWELFTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective June 1, 1959

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, 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 Mesaverde Formation has been completed upon acreage committed to this Unit, and the Participating Area for the Mesaverde Formation is expanded accordingly to include this well as follows:

The San Juan 29-7 Unit #72-26 Well, located 800' from the North line and 1800' from the East line of Section 26, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 13, 1959 and completed on April 28, 1959, at a total depth of 5500' in the Mesaverde Formation. The Mesaverde Formation from 4844' - 4848', 4860' - 4884', 4896' - 4910', 4926' - 4938', 5014' - 5020', 5040' - 5048', 5074' - 5080', 5140' - 5150', 5212' - 5226', 5287' - 5290', 5294' - 5330', 5334' - 5366', 5370' - 5388', 5392' - 5396', 5406' - 5410', 5414' - 5418', 5449' - 5456' was treated with a sand-water fracturing process. After being shut-in for seven (7) days, the well was tested in the Mesaverde Formation on May 4, 1959, and following a three (3) hour blow-down period gauged 8672 MCFGPD through a 3/4" choke and 12,682 MCFGPD by the calculated absolute open-flow method with an SIPT of 1044# and an

SIPC of 1112#. The committed drilling block upon which this well is located is described as the E/2 of Section 26, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The completion of the San Juan #72-26 Well creates two (2) Mesaverde intervening drilling blocks. These intervening drilling blocks are described as the E/2 of Section 23 and the W/2 of Section 25, Township 29 North, Range 7 West, N.M.P.M., each containing 320.00 acres.

Under the terms of the San Juan 29-7 Unit Agreement, the above described intervening drilling blocks are admitted to the Mesaverde Participating Area as of June 1, 1959. A well must be commenced on each of the two said blocks by June 1, 1960.

Attached is Schedule XIII showing the Twelfth Expanded Participating Area for the Mesaverde Formation of the San Juan 29-7 Unit Area. This describes the Expanded Participating Area, and shows the percentage of unitized substances allocated to each unitized 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 June 1, 1959.

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
T. W. Bittick
Assistant Manager
Land Department

TWB:BGI:pc

cc: Attached List

El Paso Natural Gas Company
MAIN OFFICE CCC

1959 JUN 10 PM 1:06 El Paso, Texas

June 10, 1959

*Ed
C 74*

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 29-7 Unit #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 4, 1954, El Paso Natural Gas Company, as Unit Operator, determined on May 18, 1959 that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit. This well is as follows:

The San Juan 29-7 Unit #71-24 Well, located 1080' from the North line and 800' from the East line of Section 24, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 23, 1959 and completed on May 11, 1959 at a total depth of 5419' in the Mesaverde Formation. The Mesaverde Formation from 4860' - 4870', 4880' - 4882', 4889' - 4892', 4918' - 4920', 4926' - 4932', 4938' - 4954', 5275' - 5284', 5288' - 5298', 5302' - 5362', 5367' - 5372', 5378' - 5380', 5392' - 5397', 5406' - 5408', 5418' - 5420' was treated with a sand-water fracturing process. After being shut-in for seven (7) days, the well was tested in the Mesaverde Formation on May 18, 1959, and following a three (3) hour blow-down period gauged 4422 MCFGPD through a 3/4" choke and 4974 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1108# and an SIPC of 1110#. The committed drilling block upon which this well is located is described as the E/2 of Section 24, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.


The drilling block was included in the San Juan 29-7 Unit Eleventh Expanded Participating Area, effective July 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 shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By


Harry Gevertz
Area Landman
Land Department

HG:BGI:ch

WORKING INTEREST OWNERS
SAN JUAN 29-7 UNIT

Mr. R. N. Richey (2)
Mr. M. J. Jordan (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. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
Post Office Box 1650
Tulsa 2, Oklahoma

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corporation
720 Simms Building
Albuquerque, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. D. H. Bolin
1120 Oil & Gas Building
Wichita Falls, Texas

Mr. J. D. Moon
Mr. R. N. Walker
Tennessee Gas Transmission Company
Post Office Box 1714
Durango, Colorado

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, 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. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

San Jacinto Oil & Gas Company
San Jacinto Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Miss A. Alverson
Tennessee Gas & Oil Company
Post Office Box 2511
Houston 1, Texas

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Mr. J. A. Pierce
Aztec, New Mexico

In reply refer to:
Unit Division

March 17, 1959

File
674

El Paso Natural Gas Company
El Paso, Texas

ATTENTION: Mr. Sam Smith

Re: San Juan 29-7 Unit-Rio
Arriba County, New Mexico
1959 Drilling Program

Gentlemen:

We are enclosing one copy of the 1959 Drilling Program for the San Juan 29-7 Unit Area, which was approved by the Commissioner of Public Lands March 17, 1959.

Our approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MR/m
cc:

USGS- Roswell ✓
OCC- Santa Fe

C
O
P
Y

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

File
674

January 29, 1959

C
O
P
Y

El Paso Natural Gas Company
Box 1492
El Paso, Texas

Attention: Mr. Sam Smith

Re: 1959 Drilling Program
San Juan 29-7 Unit
Rio Arriba County, N.M.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1959 Drilling Program for the San Juan 29-7 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/ir

Enclosure

cc: State Land Office - Santa Fe, N.M.
U. S. Geological Survey - Roswell, N.M.

El Paso Natural Gas Company

El Paso, Texas

January 2, 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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1959 DRILLING PROGRAM

Gentlemen:

By letter dated January 21, 1958, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned unit for the calendar year 1958, consisting of eight (8) Mesaverde Wells. All of these wells were completed during 1958 upon lands committed to this unit. One (1) well, the San Juan 29-7 Unit #60 Well, scheduled for drilling in 1957 was completed in 1958 on lands committed to this unit.

Sixty-seven (67) wells have been completed to the Mesaverde Formation on lands committed to this unit. All wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde Participating Area.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1959, consisting of three (3) wells to be drilled to the Mesaverde Formation. These proposed drilling sites are as follows:

<u>DRILLING BLOCK</u>	<u>FORMATION</u>
*E/2 Section 24, T-29-N, R-7-W	Mesaverde
*E/2 Section 26, T-29-N, R-7-W	Mesaverde
W/2 Section 25, T-29-N, R-7-W	Mesaverde

*Intervening Drilling Block or subject to automatic elimination - Must be drilled in 1959.

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.

As Unit Operator, El Paso Natural Gas Company intends to drill all the 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 in with gas. 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 thereof pursuant to 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

By



Sam Smith
Manager
Land Department

SS:DN:jb

cc: Attached sheet

APPROVED: _____
Supervisor, United States Geological Survey
Subject to like approval by the appropriate
State officials.

DATE: _____

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

DATE: _____

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

DATE: *Jan. 29, 1959*

The foregoing approvals are for the 1959 Drilling Program for the San Juan
29-7 Unit, Rio Arriba County, New Mexico.

San Juan 29-7 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
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. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Mr. D. H. Bolin
1120 Oil & Gas Building
Wichita Falls, Texas

Mr. J. A. Pierce
Aztec, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
P. O. Box 1419
Albuquerque, 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. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. J. D. Moon
Mr. R. N. Walker
Tennessee Gas Transmission Co.
P. O. Box 1714
Durango, Colorado

Miss A. Alverson
Tennessee Gas Transmission Co.
P. O. Box 2511
Houston 1, Texas

San Jacinto Petroleum Corp.
800 San Jacinto Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corp.
720 Simms Building
Albuquerque, New Mexico

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Petro-Atlas Corporation
P. O. Box 517
Albuquerque, New Mexico

El Paso Natural Gas Company

RECEIVED
OCT 14 11 27

El Paso, Texas
November 10, 1958

File
674

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 29-7 Unit
#14-08-001-1650
Mesaverde Formation
Effective July 1, 1958

Gentlemen:

By this letter we wish to correct an error in description of the committed drilling block upon which the San Juan 29-7 Unit #60 Well is located, as stated in our letter accompanying the subject expansion.

The block was described as the W/2 of Section 34, Township 29 North, Range 7 West and should be corrected to read the E/2 of Section 34, Township 29 North, Range 7 West. Please make this correction of description on your copies.

Yours very truly,


Harry Gevertz
Area Landman
Land Department

HG:BGI:pc

cc: Attached List

San Juan 29-7 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 10, Utah

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
1211 Main Avenue
Durango, Colorado

Mr. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor, Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
P. O. Box 1650
Tulsa 2, Oklahoma

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Mr. D. H. Bolin
1120 Oil & Gas Building
Wichita Falls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Bldg.
Tulsa, Oklahoma

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
P. O. Box 1419
Albuquerque, New Mexico

Mr. E. V. Hewitt (12)
Pan American Petroleum Corp.
Post Office Box 1410
Fort Worth 1, Texas

Pan American Petroleum Corp.
Post Office Box 1714
Albuquerque, New Mexico

Mr. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. J. D. Moon
Tennessee Gas Transmission Company
Post Office Box 3231
Durango, Colorado

San Jacinto Oil & Gas Co.
San Jacinto Bldg.
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corp.
720 Simms Building
Albuquerque, New Mexico

Mr. J. A. Pierce
Aztec, New Mexico

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Tennessee Gas Transmission Co.
P. O. Box 2511
Houston 1, Texas

El Paso Natural Gas Company

1958 SEP 20 PM 1:20 El Paso, Texas

September 18, 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 29-7 Unit #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on August 1, 1958, that one (1) additional well capable of producing untaxed substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit.

This well is as follows:

The San Juan 29-7 Unit #70 Well, located 1140' from the South line and 1550' from the West line of Section 35, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on July 10, 1958 and completed on July 22, 1958 at a total depth of 5764' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation from 5098' - 5108', 5114' - 5120', 5122' - 5132', 5138' - 5174', 5176' - 5184', 5202' - 5206' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation from 5316' - 5334', 5404' - 5414', 5496' - 5512', 5560' - 5570', 5572' - 5576', 5582' - 5585', 5588' - 5600', 5614' - 5626', 5630' - 5642', 5645' - 5650', 5653' - 5655', 5658' - 5676', 5682' - 5688', 5696' - 5702' was also treated with a sand-water fracturing process. After being shut-in for seven (7) days, the well was tested in the Mesaverde Formation on August 1, 1958, and following a three (3) hour blow-down period gauged 8320 MCFGPD through a 3/4" choke and 12,277 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1093#. The committed drilling block upon which this well is located is described as the W/2 of Section

35, Township 29 North, Range 7 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 Mesaverde Formation was made on August 1, 1958.

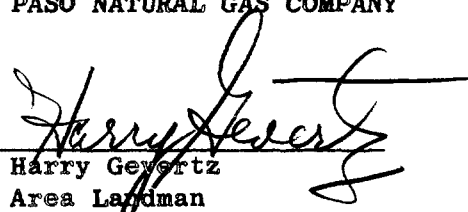
The drilling block was included in the San Juan 29-7 Unit Eleventh Expanded Participating Area, effective July 1, 1958, as an intervening drilling block. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule XII for the Eleventh Expanded Participating Area remain the same.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By


Harry Geyertz
Area Landman
Land Department

HG:BI:pc

cc: Attached sheet

San Juan 29-7 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 10, Utah

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
1211 Main Avenue
Durango, Colorado

Mr. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
Post Office Box 1650
Tulsa 2, Oklahoma

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Mr. D. H. Bolin
1120 Oil & Gas Building
Wichita Falls, Texas

Mr. J. A. Pierce
Aztec, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, 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. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. N. B. Venus, Jr.
Tennessee Gas Transmission Company
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Salt Lake City 10, Utah

San Jacinto Petroleum Corporation
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Houston 2, Texas

The National Bank of Commerce of
Houston
A/C of Northwood Oil Company
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Mr. Tom Bolack
1010 North Dustin
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Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corp.
720 Simms Building
Albuquerque, New Mexico

Petro-Atlas Corporation
First National Building
Tulsa 3, Oklahoma

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

El Paso Natural Gas Company

El Paso, Texas
September 11, 1958

File
674
RECEIVED
OCT 14 1958
OFFICE 000

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 29-7 Unit #14-08-001-1650
ELEVENTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective July 1, 1958

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that two (2) additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon acreage committed to this Unit, and the Participating Area for the Mesaverde Formation is expanded accordingly to include these wells as follows:

1. The San Juan 29-7 Unit #60 Well, located 1030' from the North line and 970' from the East line of Section 34, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on May 11, 1958 and completed on May 29, 1958 at a total depth of 5600' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation from 4846' - 4876', 4890' - 4900', 4936' - 5052' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation from 5399' - 5497' was also treated with a sand-water fracturing process. After being shut-in for seven (7) days, the well was tested in the Mesaverde Formation on June 5, 1958, and following a three (3) hour blow-down period gauged 4997 MCFGPD through a 3/4" choke and 12,242 MCFGPD by the calculated absolute open-flow method with an SIPT of 1046# and an SIPC of 1072#. The committed drilling block upon which this well is located is described as the W/2 of Section 34, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

2. The San Juan 29-7 Unit #69 Well, located 1535' from the North line and 930' from the East line of Section 25, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on May 29, 1958 and completed on June 15, 1958 at a total depth of 5985' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation from 5339' - 5432' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation from 5466' - 5480', 5532' - 5540', 5550' - 5562', 5570' - 5578', 5764' - 5860' was also treated with a sand-water fracturing process. After being shut-in for fifteen (15) days, the well was tested in the Mesaverde Formation on June 30, 1958, and following a three (3) hour blow-down period gauged 4735 MCFGPD through a 3/4" choke and 11,648 MCFGPD by the calculated absolute open flow method, with an SIPT of 1038# and an SIPC of 1038#. The committed drilling block upon which this well is located is described as the E/2 of Section 25, Township 29 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The completion of the San Juan 29-7 Unit #60 Well creates one (1) Mesaverde intervening drilling block. This intervening drilling block is described as the W/2 of Section 35, Township 29 North, Range 7 West, N.M.P.M., and consists of 320.00 acres.

The completion of the San Juan 29-7 Unit #69 Well creates one (1) Mesaverde intervening drilling block. This intervening drilling block is described as the E/2 of Section 24, Township 29 North, Range 7 West, N.M.P.M., and consists of 320.00 acres.


Under the terms of the San Juan 29-7 Unit Agreement, the above described drilling blocks are admitted to the Mesaverde Participating Area as of July 1, 1958. A well must be commenced on each of the two said blocks by July 1, 1959.

Attached is Schedule XII showing the Eleventh Expanded Participating Area for the Mesaverde Formation of the San Juan 29-7 Unit Area. This describes the Expanded Participating Area, and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as it 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 July 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:BGI:pc

cc: Attached List

El Paso Natural Gas Company

El Paso, Texas

August 20, 1958

File
case
674

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 29-7 Unit #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on July 8, 1958, that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit.

This well is as follows:

The San Juan 29-7 #66 Well, located 1090' from the South line and 1840' from the West line of Section 22, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 17, 1958 and completed on May 20, 1958 at a total depth of 5949' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation between 5316' and 5336', 5360' and 5372', 5386' and 5408' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation between 5718' and 5730', 5740' and 5760', 5774' and 5824', 5834' and 5856', 5876' and 5898' was also treated with a sand-water fracturing process. After being shut-in for forty-nine (49) days, the well was tested on July 8, 1958, and following a three (3) hour blow-down period gauged 5315 MCFGPD through a 3/4" choke, and 20,383 MCFGPD by the calculated absolute open-flow method with a SIPC of 1067# and a SIPT of 1059#.

The committed drilling block upon which the San Juan 29-7 #66 Well is located was admitted to the Participating Area as an intervening drilling block; therefore, the Participating Area is not enlarged in the Mesaverde Formation.

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

Yours very truly,

EL PASO NATURAL GAS COMPANY

By


Harry Gevertz
Area Landman
Land Department

HG:BGI:jb

cc: Attached list

San Juan 29-7 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 10, Utah

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
1211 Main Avenue
Durango, Colorado

Mr. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
Post Office Box 1650
Tulsa 2, Oklahoma

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Mr. D. H. Bolin
1120 Oil & Gas Building
Wichita Falls, Texas

Mr. J. A. Pierce
Aztec, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, 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. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. N. B. Venus, Jr.
Tennessee Gas Transmission Company
Post Office Box 2125
Salt Lake City 10, Utah

San Jacinto Petroleum Corporation
San Jacinto Building
Houston 2, Texas

The National Bank of Commerce of
Houston
A/C of Northwood Oil Company
Box 2558
Houston 1, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corp.
720 Simms Building
Albuquerque, New Mexico

Petro-Atlas Corporation
First National Building
Tulsa 3, Oklahoma

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

El Paso Natural Gas Company

El Paso, Texas

June 9, 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

File
Case 674

Re: San Juan 29-7 Unit #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on May 8, 1958, that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit.

This well is as follows:

The San Juan 29-7 #68 Well, located 890' from the South line and 1800' from the West line of Section 36, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on March 22, 1958 and completed on April 15, 1958 at a total depth of 5993' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation between 5380' and 5400' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation between 5816' and 5836', 5848' and 5868', 5886' and 5906', 5914' and 5932', 5948' and 5970' was also treated with a sand-water fracturing process. After being shut-in for twenty-two (22) days, the well was tested on May 8, 1958, and following a three (3) hour blow-down period gauged 5154 MCFGPD through a 3/4" choke, and 16,647 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1063# and an SIPT of 1063#.

The committed drilling block upon which the San Juan 29-7 #68 Well is located was admitted to the Participating Area as an intervening drilling block; there-

-2-

fore, the Participating Area is not enlarged in the Mesaverde Formation.

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

Yours very truly,

EL PASO NATURAL GAS COMPANY

By

A handwritten signature in dark ink, appearing to read "Harry Gevertz", is written over a horizontal line.

Harry Gevertz
Area Landman
Land Department

HG:MC:pc

cc: Attached list

San Juan 29-7 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 10, Utah

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
1211 Main Avenue
Durango, Colorado

Mr. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
Post Office Box 1650
Tulsa 2, Oklahoma

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

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Wichita Falls, Texas

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Aztec, New Mexico

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Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

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Mr. Robert C. Youngmun
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Pan American Petroleum Corporation
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720 Simms Building
Albuquerque, New Mexico

Petro-Atlas Corporation
First National Building
Tulsa 3, Oklahoma

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 28, 1958

Core 674

El Paso Natural Gas Company
Box 1492
El Paso, Texas

Attention: Mr. T. W. Bittick

Re: San Juan 29-7 Unit
Rio Arriba County,
New Mexico, Application
for Extension of time to
drill an intervening drilling
block.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the application for Extension of Time in which to drill an Intervening Drilling Block comprising the E/2 Section 11, Township 29 North, Range 7 West, in the San Juan 29-7 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.

Six approved copies of the application were handed to Mr. M. W. Coll II.

Very truly yours,

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

ALP/RSL/og

cc: Commissioner of Public Lands, Santa Fe, N. Mex.
U. S. Geological Survey, Roswell, New Mexico

C

O

P

Y

El Paso Natural Gas Company

El Paso, Texas

April 23, 1958

File

Case 674

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 29-7 Unit #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL WELLS

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on March 19, 1958, February 23, 1958, and March 14, 1958, that three (3) additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit:

These wells are as follows:


1. The San Juan 29-7 #63 Well, located 1480' from the North line and 600' from the East line of Section 10, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on February 20, 1958 and completed on March 19, 1958 at a total depth of 5612' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation between 5022' and 5040', and 5050' and 5066' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation between 5434' and 5444', 5452' and 5472', 5480' and 5494', 5504' and 5520', 5540' and 5550' was also treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested on March 28, 1958, and following a three (3) hour blow-down period gauged 4053 MCFGPD through a 3/4" choke, and 8791 MCFGPD by the calculated absolute open-flow method, with an SIPC of 988# and an SIPT of 951#.

2. The San Juan 29-7 #65 Well, located 990' from the North line and 1800' from the East line of Section 22, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on February 3, 1958 and completed on February 23, 1958 at a total depth of 5354' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation between 5344' and 5354', 5379' and 5386', 5404' and 5414' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation between 5760' and 5772', 5782' and 5796', 5848' and 5857', 5874' and 5884' was also treated with a sand-water fracturing process. After being shut-in for gauge for ten (10) days the well was tested on March 5, 1958, and following a three (3) hour blow-down period gauged 4797 MCFGPD through a 3/4" choke, and 15,729 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1057# and an SIPT of 1048#.
3. The San Juan 29-7 #67 Well, located 1150' from the South line and 1840' from the West line of Section 23, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on February 24, 1958 and completed on March 14, 1958, at a total depth of 5423' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation between 4854' and 4864', 4872' and 4880', 4922' and 4932' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation between 5260' and 5275', 5286' and 5294', 5298' and 5310', 5356' and 5368', 5374' and 5386', 5393' and 5402' was also treated with a sand-water fracturing process. After being shut-in for thirteen (13) days, the well was tested on March 27, 1958, and following a three (3) hour blow-down period gauged 5171 MCFGPD through a 3/4" choke, and 14,841 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1078# and an SIPT of 1071#.

The committed drilling blocks upon which the above wells are located were admitted to the Participating Area as intervening drilling blocks; therefore, the Participating Area is not enlarged in the Mesaverde Formation.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 
Harry Severtz
Area Landman
Land Department

HG:MC:c1

cc: Attached list

San Juan 29-7 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)
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Post Office Box 1526
Salt Lake City 10, Utah

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Aztec, New Mexico

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Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, 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. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. N. B. Venus, Jr.
Tennessee Gas Transmission Company
Post Office Box 2125
Salt Lake City 10, Utah

San Jacinto Petroleum Corporation
San Jacinto Building
Houston 2, Texas

The National Bank of Commerce of
Houston
A/C of Northwood Oil Company
Box 2558
Houston 1, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corp.
720 Simms Building
Albuquerque, New Mexico

Petro-Atlas Corporation
First National Building
Tulsa 3, Oklahoma

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

El Paso Natural Gas Company

El Paso, Texas

April 18, 1958

Mr. John A. Anderson
Regional Oil & 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 29-7 Unit #14-08-001-1650
APPLICATION FOR EXTENSION in which
to drill an Intervening Drilling
Block

Gentlemen:

Pursuant to Section 11 of the San Juan 29-7 Unit Agreement #14-08-001-1650 approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, requests an extension of time in which to drill an intervening drilling block. This intervening drilling block is described as follows:

Township 29 North, Range 7 West
Section 11; E/2
Containing 320.00 acres

The above described intervening drilling block was admitted to the participating area on April 1, 1957 due to the completion of the San Juan 29-7 Unit #59-11 Well, located in the W/2 of Section 11, Township 29 North, Range 7 West.

Under the provisions of Section 11, Paragraph 3, of the San Juan 29-7 Unit Agreement, drilling operations should have been commenced upon this intervening drilling block by April 1, 1958.

El Paso Natural Gas Company requests an extension of time in which to drill said intervening drilling block, and in support thereof, states the following:

1. By letter of October 15, 1957, El Paso Natural Gas Company, as Unit Operator, granted Southern Union Gas Company permission to drill this intervening drilling block. Carbon

copies of said letter were sent to Mr. John A. Anderson and Mr. P. T. McGrath of the United States Geological Survey.

2. The excessive amount of precipitation in the San Juan Basin so far this year has rendered the roads almost impassable for heavy equipment.
3. In order to move a rig on location and to sustain operations, constant use of bulldozers would be required at a great expense to the Operator.

Attached hereto as Exhibit "A" is a copy of a letter from Southern Union Gas Company.

It is respectfully requested that an extension of time in which to drill this intervening drilling block be granted until such time as the weather and road conditions permit economical operations to be conducted, but in no event later than May 15, 1958.

If this Application meets with your approval, please signify your approval thereof 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 COMPANY

By:



T. W. Bittick
Assistant Manager
Land Department


TWB:MC:jb
Attachments

APPROVED: _____
Supervisor, United States Geological Survey
Subject to like approval by the appropriate
State officials.

DATE: _____

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

DATE: _____

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

DATE: 4.28.58

The foregoing approvals are for an Application for extension of time in which
to drill an intervening drilling block dated April 18, 1958, for the San Juan 29-7 Unit.

SOUTHERN UNION GAS COMPANY
BURT BUILDING
DALLAS 1, TEXAS
March 25, 1958



Mr. T.W. Bittick
El Paso Natural Gas Company
P.O. Box 1492
El Paso, Texas

Re: 1958 Drilling Program
San Juan 29-7 Unit

Dear Mr. Bittick:

In line with our telephone conversation of last week, please be advised that Southern Union would like to request an extension from April 1 to May 15 for the commencement of drilling operations on the $E\frac{1}{2}$ of Section 11, 29N-7W. As you know, we also must drill the $E\frac{1}{2}$ of Section 34 and the $E\frac{1}{2}$ of Section 25 and it is our intention to use the same rig on all three locations.

This extension is being asked for due to the inclement weather that has existed in the San Juan Basin so far this year and road conditions which make it almost impossible to conduct efficient operations. We feel that by May 15 these conditions will have cleared up sufficiently for us to meet our drilling requirements.

As Unit Operator we will appreciate your assistance in this matter.

Yours very truly,

A handwritten signature in dark ink, appearing to read "D.W. Whitlow", with a long horizontal flourish extending to the right.

D.W. Whitlow
District Landman

DWW/eap
CC: Mr. A.M. Wiederkehr
Mr. R.M. Richey

San Juan 29-7 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 10, Utah

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
1211 Main Avenue
Durango, Colorado

Mr. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
Post Office Box 1650
Tulsa 2, Oklahoma

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Mr. D. H. Bolin
1120 Oil & Gas Building
Wichita Falls, Texas

Mr. J. A. Pierce
Aztec, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, 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. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. N. B. Venus, Jr.
Tennessee Gas Transmission Company
Post Office Box 2125
Salt Lake City 10, Utah

San Jacinto Petroleum Corporation
San Jacinto Building
Houston 2, Texas

The National Bank of Commerce of
Houston
A/C of Northwood Oil Company
Box 2558
Houston 1, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corp.
720 Simms Building
Albuquerque, New Mexico

Petro-Atlas Corporation
First National Building
Tulsa 3, Oklahoma

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

C 674

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

March 31, 1958

C
O
P
Y

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

Attention: Mr. Sam Smith

Re: San Juan 29-7 Unit Area,
Rio Arriba County, New Mexico
1958 Drilling Program

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1958 Drilling Program for the San Juan 29-7 Unit Area, dated January 21, 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/ga

Enclosure

In reply refer to:
Unit Division

February 17, 1958

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

Re: San Juan 29-7
1958 Drilling Program

ATTENTION: Mr. Sam Smith

Gentlemen:

We are enclosing one copy of the 1958 Drilling Program
for the San Juan 29-7 Unit.

This program was approved by the Commissioner of Public
Lands February 17, 1958, subject to like approval by the United
States Geological Survey and the Oil Conservation Commission.

Very truly yours,

MURRAY E. MORGAN,
Commissioner of Public Lands

BY:

Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/s

cc: United States Geological Survey
Roswell, New Mexico

✓ Oil Conservation Commission
Santa Fe, New Mexico



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

February 14, 1958

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

Attention: Mr. Sam Smith

Gentlemen:

Your plan of development dated January 21, 1958, for the San Juan 29-7 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.

One approved copy of the plan is enclosed.

Very truly yours,

(Orig. 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)
✓ Oil Cons. Comm., Santa Fe (letter only)

File 12 107

In reply refer to:
Unit Division

February 10, 1958

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

Re: San Juan 29-7 Unit
1958 Drilling Program

Attention: Mr. Sam Smith
Gentlemen:

In reviewing your 1958 Drilling Program on San Juan Unit 29-7 dated January 21, 1958, you state that all of your 1957 Drilling Program was completed with the exception of a well to be located in the W/2 of Section 34, Township 29 North, Range 7 West; should'nt this be the East half of Section 34.

Your Ninth Expanded Participating Area for the mesaverde formation lists well number 61 as located 950 ft. from the South line and 1740 ft. from the West line in Section 34, Township 29 North, Range 7 West and admitted to the participating area as of October 1, 1957.

We would like a report on the 1957 drilling program listing the name of well, location, date of completion, MCF per well, and the date tied into gathering system.

May we call to your attention the fact we received only three copies on many of these Drilling Programs, as we retain two copies we wonder if the one copy is sufficient for you.

Very truly yours,

MURRAY E. MORGAN,
Commissioner of Public Lands

BY:

Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MER/s

cc: Oil Conservation Commission
Santa Fe, New Mexico

United States Geological
Survey
Roswell, New Mexico

El Paso Natural Gas Company

El Paso, Texas

February 7, 1957

File
2012
294
674

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

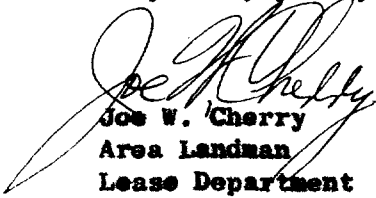
Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-7 Unit
Exhibit "B"

Gentlemen:

Under date of February 4, 1957, we sent you copies of the captioned Exhibit. Inadvertently we captioned the letter Rincon Unit, instead of San Juan 29-7 Unit. Please make any necessary corrections in your files.

Very truly yours,


Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:nn

COPY

El Paso Natural Gas Company

El Paso, Texas

February 7, 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 29-7 Unit #14-08-001-1650
Rio Arriba County, New Mexico
1958 DRILLING PROGRAM

Gentlemen:

By letter of January 21, 1958, El Paso Natural Gas Company, as Unit Operator of the San Juan 29-7 Unit, filed a drilling program for the calendar year of 1958 for the captioned unit.

On the first page, the first paragraph, we refer you to the third sentence. This sentence mentions a well located in the W/2 of Section 34, Township 29 North, Range 7 West. Please change the description to read the E/2 of Section 34, Township 29 North, Range 7 West on your copies of this drilling program.

Yours very truly,


Harry Gevertz
Area Landman
Land Department

HG:MC:pc

San Juan 29-7 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 10, Utah

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
1211 Main Avenue
Durango, Colorado

Mr. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
Post Office Box 1650
Tulsa 2, Oklahoma

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Mr. D. H. Bolin
1120 Oil & Gas Building
Wichita Falls, Texas

Mr. J. A. Pierce
Aztec, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, 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. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. N. B. Venus, Jr.
Tennessee Gas Transmission Company
Post Office Box 2125
Salt Lake City 10, Utah

San Jacinto Petroleum Corporation
San Jacinto Building
Houston 2, Texas

The National Bank of Commerce of
Houston
A/C of Northwood Oil Company
Box 2558
Houston 1, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corp.
720 Simms Building
Albuquerque, New Mexico

Petro-Atlas Corporation
First National Building
Tulsa 3, Oklahoma

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

RECEIVED 608

FEB 11 1959

P. O. Box 6721
Roswell, New Mexico

February 3, 1959

F1/1
74

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

Attention: Mr. Sam Smith

Gentlemen:

Your 1959 Plan of Development dated January 2, 1959, for the San Juan 29-7 unit area No. 14-08-001-1650 Rio Arriba County, New Mexico, proposing the drilling of three Mesaverde formation 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,

EDWIN M. THOMASSEN
Acting Oil and Gas Supervisor

Enclosure 2

Copy to: Washington (W/copy of plan)
Farmington (w/copy of plan)
NMCCG, Santa Fe (letter only)
Comm. Pub. Lands, Santa Fe (letter only)

El Paso Natural Gas Company

El Paso, Texas

January 27, 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

Re: San Juan 29-7 Unit #14-08-001-1650
TENTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective February 1, 1958

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-7 Unit Agreement #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on January 6, 1958, that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit, and the Participating Area for the Mesaverde Formation is accordingly expanded.

This well is as follows:

The San Juan 29-7 Unit #55 Well located 1600' from the North line and 860' from the East line of Section 36, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on September 20, 1957, and completed on November 29, 1957 at a total depth of 5732' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation from 5108' to 5128' and 5150' to 5156' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation from 5538' to 5556', 5624' to 5634' and 5640' to 5646' was also treated with a sand-water fracturing process. After being shut-in for thirty-seven (37) days, the well was tested on January 6, 1958, and following a three hour blow-down period gauged 5545 MCFGPD through a 3/4" choke and 19,629 MCFGPD by the calculated absolute open flow method with an SIPC of 1097# and an SIPT of 1090#. The committed drilling block upon which this well is located is described as the E/2 of Section 36, Township 29 North, Range 7 West, N.M.P.M. containing 320 acres, and the completion of this well creates one (1) intervening drilling block which is described as the W/2 of

Section 36, Township 29 North, Range 7 West, N.M.P.M. Under the provisions of Section 11 of the Unit Agreement, said intervening drilling block is admitted to the Participating Area effective February 1, 1958 and a well must be commenced on this acreage by February 1, 1959.

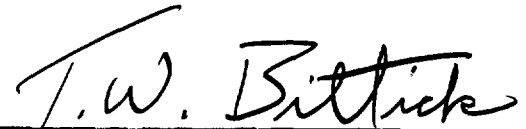
Attached is Schedule XI showing the Tenth Expanded Participating Area for the Mesaverde Formation of the San Juan 29-7 Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. 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 is established that a well capable of production of unitized substances in paying quantities has been drilled on any such drilling block," this Tenth Expanded Participating Area for the Mesaverde Formation will be effective February 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:pc

cc: Attached List

El Paso Natural Gas Company

El Paso, Texas

January 21, 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 29-7 Unit #14-08-001-1650
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 regarding the captioned Unit for the calendar year 1957, consisting of eight (8) Mesaverde wells. All but one (1) of these wells were completed during 1957 upon lands committed to this Unit. This well was to have been located in the W/2 of Section 34, Township 29 North, Range 7 West, and was to be drilled by Southern Union Gas Company to the Mesaverde Formation. Southern Union was unable to complete this well in 1957; however, we have rescheduled the well for drilling in early 1958. One (1) well scheduled for drilling in 1956 was completed in 1957 on lands committed to this Unit.

Fifty-eight (58) wells have been completed to the Mesaverde Formation on lands committed to this Unit. All wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde 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 eight (8) wells to be drilled to the Mesaverde Formation. These proposed drilling sites are as follows:

<u>Drilling Block</u>	<u>Formation</u>
*E/2 Section 10: T-29-N, R-7-W	Mesaverde
*E/2 Section 11: T-29-N, R-7-W	Mesaverde
*E/2 Section 22: T-29-N, R-7-W	Mesaverde
*W/2 Section 22: T-29-N, R-7-W	Mesaverde
*W/2 Section 23: T-29-N, R-7-W	Mesaverde
E/2 Section 25: T-29-N, R-7-W	Mesaverde
W/2 Section 35: T-29-N, R-7-W	Mesaverde
*W/2 Section 36: T-29-N, R-7-W	Mesaverde

*Intervening Drilling Block - Must be drilled in 1958.

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.


As Unit Operator, El Paso Natural Gas Company intends to drill all the 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 in with gas. 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 thereof pursuant to 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

By 
Sam Smith
Manager
Land Department

SS:MC:jr

cc: Attached sheet

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: *A. L. Porter* DATE: *3-31-58*
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 1958 Drilling Program for the San Juan
29-7 Unit, Rio Arriba County, New Mexico.

San Juan 29-7 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 10, Utah

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, New Mexico

Mr. R. A. Brown
Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma

Mr. E. V. Hewitt (12)
Pan American Petroleum Corporation
Post Office Box 1410
Fort Worth 1, Texas

Phillips Petroleum Company
1211 Main Avenue
Durango, Colorado

Pan American Petroleum Corporation
Post Office Box 1714
Albuquerque, New Mexico

Mr. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Mr. N. B. Venus, Jr.
Tennessee Gas Transmission Company
Post Office Box 2125
Salt Lake City 10, Utah

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

San Jacinto Petroleum Corporation
San Jacinto Building
Houston 2, Texas

Skelly Oil Company
Post Office Box 1650
Tulsa 2, Oklahoma

The National Bank of Commerce of
Houston
A/C of Northwood Oil Company
Box 2558
Houston 1, Texas

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. D. H. Bolin
1120 Oil & Gas Building
Wichita Falls, Texas

Mr. J. M. Clark
c/o Pacific Northwest Pipeline Corp.
720 Simms Building
Albuquerque, New Mexico

Mr. J. A. Pierce
Aztec, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Petro-Atlas Corporation
First National Building
Tulsa 3, Oklahoma

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

El Paso Natural Gas Company

El Paso, Texas

December 17, 1957

Director
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 29-7 Unit #14-08-001-1650
NINTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective October 1, 1957

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 29-7 Unit Agreement #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on September 26, 1957, that two (2) additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit.

These wells are as follows:

1. The San Juan 29-7 #59 Well located 1650' from the South line and 990' from the West line of Section 27, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on June 22, 1957, and completed on July 9, 1957, at a total depth of 6030' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation from 5353' - 5462', 5734' - 5748' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation from 5816' - 5914' was also treated with a sand-water fracturing process. After being shut-in for seventy-five (75) days, the well was tested on September 26, 1957, and following a three hour blow-down period gauged 3,684 MCFGPD through a 3/4" choke and 5,474 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1061# and an SIPT of 1059#. The committed drilling block upon which this well is located is described as the W/2 of Section 27, Township 29 North, Range 7 West, N.M.P.M., containing 320 acres, and the completion of this well creates one (1) inter-

vening drilling block which is described as the W/2 of Section 22, Township 29 North, Range 7 West, N.M.P.M. Under the provisions of Section 11 of the Unit Agreement, said intervening drilling block is admitted to the Participating Area effective October 1, 1957, and a well must be commenced on this acreage by October 1, 1958.

2. The San Juan 29-7 #61 Well located 950' from the South line and 1740' from the West line of Section 34, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on July 16, 1957, and completed on August 1, 1957, at a total depth of 5780' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation from 5068' - 5197', 5301' - 5326', 5507' - 5538', 5555' - 5572' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation from 5612' - 5742' was also treated with a sand-water fracturing process. After being shut-in for fifty (50) days, the well was tested on September 26, 1957, and following a three (3) hour blow-down period gauged 4420 MCFGPD through a 3/4" choke and 9768 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1084# and an SIPT of 1074#. The committed drilling block upon which this well is located is described as the W/2 of Section 34, Township 29 North, Range 7 West, N.M.P.M., containing 320.00 acres. This committed drilling block has not previously been admitted to the Participating Area. Therefore, under the provisions of Section 11 of the Unit Agreement, this land is admitted to the Participating Area, effective October 1, 1957.

The completion of this well creates no intervening drilling blocks.

Attached is Schedule X showing the Ninth Expanded Participating Area for the Mesaverde Formation of the San Juan 29-7 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 ownership in said tract. 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 is established that a well capable of production of unitized substances in paying quantities has been drilled on any such drilling block," this Expanded Participating Area for the Mesaverde Formation will be effective October 1, 1957.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 
T. W. Bittick
Assistant Manager
Land Department

TWE:MC:cl

cc: Attached list

El Paso Natural Gas Company

El Paso, Texas

May 29, 1957

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

file 14

Re: San Juan 29-7 Unit, #14-08-001-1650
NOTICE OF COMPLETION OF ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on April 9, 1957, that one additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit:

This well is as follows:

1. The San Juan 29-7 #62 Well located 936' from the North line and 846' from the East line of Section 14, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on February 12, 1957, and completed on March 20, 1957, at a total depth of 5560', in the Mesaverde Formation. The Cliff House section of the Mesaverde Formation between 4890' and 4898', 4902' and 4914', 4922' and 4926', 4938' and 4942', 4944' and 4948', and 4952' and 4962', was treated with a water fracturing process. The Point Lookout section of the Mesaverde Formation between 5264' and 5270', 5272' and 5276', 5324' and 5328', 5331' and 5333', 5338' and 5368', 5370' and 5376', 5380' and 5400', 5426' and 5430', and 5452' and 5456', was also treated with a water fracturing process. After being shut-in for seven (7) days, the well was tested on April 9, 1957, and following a three hour blow-down period gauged

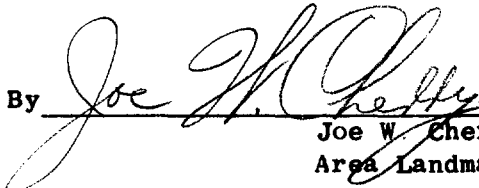
2,212 MCFGPD through a 3/4" choke and 2,568 MCFGPD by the calculated absolute open flow method, with an SIPC of 1066# and an SIPT of 1100#. The committed drilling block upon which this well is located is described as the E/2 of Section 14, Township 29 North, Range 7 West, N.M.P.M., containing 320.00 acres.

The committed drilling block upon which this well is located was included in the Seventh Expanded Participating Area for the Mesaverde Formation, effective March 1, 1957, as an intervening drilling block. Therefore, the Participating Area is not enlarged and the percentages allocated to the tracts shown on Schedule VIII for the Seventh Expanded Participating Area remain the same.

A copy of this letter is being sent to each of the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By  _____
Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:cr

cc: Attached List

El Paso Natural Gas Company

El Paso, Texas

May 9, 1957

File 11-17

Mr. John A. Anderson
Regional Oil & 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 29-7 Unit

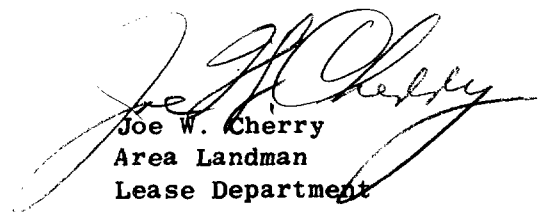
Gentlemen:

Under date of April 26, 1957, we submitted the Eighth Expanded Participating Area of the Mesaverde Formation covering captioned unit. This report may have been confusing in that the W/2 of Section 11, Township 29 North, Range 7 West, upon which the San Juan 29-7 #57 Well was completed was included in the participating area as an intervening drilling block under the Seventh Expansion. The E/2 of Section 11, Township 29 North, Range 7 West, containing 320.00 acres, was the only acreage added to the participating area under the Eighth Expansion.

Schedule IX of the Eighth Expansion is correct and reflects the proper acreage and percentages of unitized substances allocated to each unitized tract.

A copy of this letter is being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,


Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:cr
cc: Attached Sheet

El Paso Natural Gas Company

IN 1:15

El Paso, Texas

April 26, 1957

Mr. John Anderson
Regional Oil & 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

file 674

Re: San Juan 29-7 Unit, #14-08-001-1650
EIGHTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective April 1, 1957

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on March 8, 1957 that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon committed acreage to this Unit and the Participating Area for the Mesaverde Formation is accordingly expanded.

This well is as follows:

1. The San Juan 29-7 Unit #57 Well is located 1650' from the South line and 990' from the West line of Section 11, Township 29 North, Range 7 West, Rio Arriba County, New Mexico. This well was spudded on January 23, 1957, and completed on February 27, 1957, at a total depth of 5515'. The Cliff House section of the Mesaverde Formation between 4874' and 4876', 4878' and 4888', 4892' and 4896', 4924' and 4928', 4932' and 4976', 4986' and 4990', 5020' and 5026', 5048' and 5068', 5076' and 5082', 5090' and 5094', and 5100' and 5104', was treated with a water fracturing process on February 23, 1957. The Point Lookout section of the Mesaverde Formation between 5216' and 5220', 5262' and 5266', 5268' and 5272', 5280' and 5288', 5294' and 5300', 5302' and 5308', 5312' and 5320', 5324' and 5328', 5332', and 5398', 5424' and 5428' and 5450' and 5454' was also treated with a water fracturing process on February 23, 1957. After being shut-in

for seven days, the well was tested on March 8, 1957, and after a three hour blow-down, gauged 4993 MCFGPD through a 3/4" choke, and 10,341 MCFGPD by the calculated absolute open flow method, with an SIPC of 1109# and an SIPT of 1100#. The drilling block upon which this well is located is described as the W/2 of Section 11, Township 29 North, Range 7 West, N.M.P.M., consisting of 320.00 acres.

With the completion of this well, there is one (1) intervening drilling block created. It is as follows:

E/2 of Section 11, Township 29 North, Range 7 West .

This intervening drilling block consists of 320.00 acres. Under the terms of the Unit Agreement, this intervening drilling block is admitted to the Participating Area on April 1, 1957, and a well must be commenced on said intervening drilling block by April 1, 1958.

Attached is Schedule IX showing the Eighth Expanded Participating Area for the Mesaverde formation for the San Juan 29-7 Unit Area. This describes the Expanded Participating Area, shows the percentages 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 tracts. 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 April 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 

Samuel Smith
Ass't. Manager
Lease Department

SS:RDJ:nn
Enclosures
cc: Attached list

El Paso Natural Gas Company

El Paso, Texas

March 29, 1957

Mr. John Anderson
Regional Oil & 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 29-7 Unit, #14-08-001-1650
SEVENTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective March 1, 1957

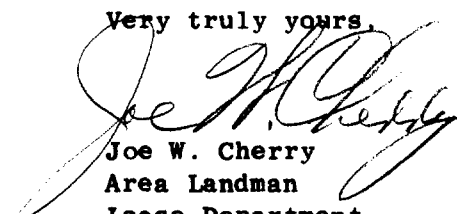
Gentlemen:

Please refer to captioned expansion. On page five (5) the percentage of actual participation for the 160 acres described as the SW/4 Section 10, T-29-N, R-7-W, covered by Unit Tract 2, should read .87240% instead of 1.74480%. Also, on page 38, all of section 22, T-29-N, R-7-W, is included in the description of the participating area, whereas only the E/2 thereof should be included.

Please make the necessary corrections as indicated above.

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

Very truly yours,


Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:mm
Enclosure

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. N. Richey
Mr. M. A. Ehrlich
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
301 Korber Building
Albuquerque, New Mexico

Mr. Howard W. McDade
Southern Union Gas Company
1104 Burt Building
Dallas 1, Texas

Mr. H. L. Snider, Jr.
Aztec Oil and Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Three States Natural Gas Company
17th Floor Corrigan Tower
Dallas 1, Texas

Skelly Oil Company
Post Office Box 1650
Tulsa 2, Oklahoma

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Mr. D. H. Bolin
1120 Oil and Gas Building
Wichita Falls, Texas

Mr. J. A. Pierce
Aztec, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Morris Mizel
905 Kennedy Building
Tulsa, Oklahoma

Mr. F. G. Daniell
Mr. Robert C. Youngmun
Pubco Petroleum Corporation
Post Office Box 1419
Albuquerque, New Mexico

Mr. C. F. Bedford
Pan American Petroleum Company
Post Office Box 1410
Fort Worth 1, Texas

Pan American Petroleum Company
Post Office Box 1714
Albuquerque, New Mexico

Mr. Jack Martin
Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas 1, Texas

Mr. N. B. Venus, Jr.
Tennessee Gas Transmission Company
Post Office Box 2125
Salt Lake City 10, Utah

San Jacinto Petroleum Corporation
San Jacinto Building
Houston 2, Texas

Northwood Oil Company
6020 Northwood Drive
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. J. M. Clark
4163 Marble, NE
Albuquerque, New Mexico

Petro-Atlas Corporation
First National Building
Tulsa 3, Oklahoma

Petro-Atlas Corporation
Post Office Box 517
Albuquerque, New Mexico

RS
El Paso Natural Gas Company

El Paso, Texas

March 21, 1957

Mr. John Anderson
Regional Oil & 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 29-7 Unit, #14-08-001-1650
SEVENTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective March 1, 1957

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on February 12, 1957 and February 26, 1957 that three (3) additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon committed acreage to this Unit and the Participating Area for the Mesaverde Formation is accordingly expanded.

These wells are as follows: ✓

1. The San Juan 29-7 Unit #54 Well is located 990' from the South line and 990' from the West line of Section 14, Township 29 North, Range 7 West, Rio Arriba County, New Mexico. This well was spudded on December 6, 1956, and completed on February 3, 1957, at a total depth of 5430'. The Cliff House section of the Mesaverde Formation between 4768' and 4776', 4780' and 4786', 4788' and 4792', 4794' and 4800', 4810' and 4815', 4820' and 4824', 4844' and 4866', 4966' and 4870', 4976' and 4982', 5012' and 5018', and 5074' and 5086', was treated with a water fracturing process on February 3, 1957. The Point Lookout section of the Mesaverde Formation between 5166' and 5170', 5176' and 5192', 5228' and 5256', 5258' and 5268', 5284' and 5288', 5298' and 5306', and 5326' and 5334' was also treated with a water fracturing process on February 2, 1957. After being shut-in for seven days, the well was tested on February 12, 1957, and after a three hour blow-down, gauged

5323 MCFGPD through a 3/4" choke, and 11,381 MCFGPD by the calculated absolute open flow method, with an SIPC of 1113# and an SIPT of 1107#. The drilling block upon which this well is located is described as the W/2 of Section 14, Township 29 North, Range 7 West, N.M.P.M., consisting of 320.00 acres.

2. The San Juan 29-7 #56 Well located 990' from the North line, and 990' from the East line of Section 15, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 7, 1957, and completed on February 6, 1957, at a total depth of 5413' in the Mesaverde Formation. The Cliff House section of the Mesaverde Formation between 4784' and 4794', 4800' and 4808', 4812' and 4818', 4822' and 4826', 4850' and 4892', 4974' and 4980', and 4998' and 5009', was treated with a water fracturing process. The Point Lookout section of the Mesaverde Formation between 5052' and 5058', 5078' and 5088', 5232' and 5244', 5256' and 5306', 5338' and 5342', and 5364' and 5372', was also treated with a water fracturing process. After being shut-in for seven days, the well was tested on February 26, 1957, and following a three hour blow-down period gauged 4,896 MCFGPD through a 3/4" choke and 9,831 MCFGPD by the calculated absolute open flow method, with an SIPC of 1103# and an SIPT of 1100#. The committed drilling block upon which this well is located is described as the E/2 of Section 15, Township 29 North, Range 7 West, N.M.P.M., containing 320.00 acres.
3. The San Juan 29-7 #58 Well located 840' from the South line and 890' from the West line of Section 26, Township 29 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on December 22, 1956, and completed on February 17, 1957, at a total depth of 5822' in the Mesaverde Formation. The Mesaverde Formation between 4894' and 4898', 4906' and 4936', 4950' and 4962', 4966' and 4970', 4982' and 4996', 5060' and 5066', 5074' and 5080', 5090' and 5098', 5102' and 5106', 5254' and 5264', 5292' and 5306', 5356' and 5378', 5382' and 5398', 5402' and 5408', 5412' and 5428', 5432' and 5448', 5456' and 5460', 5464' and 5468', and 5488' and 5491', was treated with a water fracturing process. After being shut-in for seven days, the well was tested on February 26, 1957, and following a three hour blow-down period gauged 5,822 MCFGPD through a 3/4" choke and 12,017 MCFGPD by the calculated absolute open flow method, with an SIPC of 1106#, and an SIPT of 1097#. The committed drilling block upon which this well is located is described as the W/2 of Section 26, Township 29 North, Range 7 West, N.M.P.M., containing 320.00 acres.

With the admission of these wells to the Participating Area, there are five (5) intervening drilling blocks created. They are as follows:

E/2 of Section 10, Township 29 North, Range 7 West
W/2 of Section 11, Township 29 North, Range 7 West
E/2 of Section 14, Township 29 North, Range 7 West
E/2 of Section 22, Township 29 North, Range 7 West
W/2 of Section 23, Township 29 North, Range 7 West

These intervening drilling blocks consist of 1600.00 acres. Under the terms of the Unit Agreement, these intervening drilling blocks are admitted to the Participating Area on March 1, 1957, a well must be commenced on each of said intervening drilling blocks by March 1, 1958.

Attached is Schedule VIII showing the Seventh Expanded Participating Area for the Mesaverde formation for the San Juan 29-7 Unit Area. This describes the Expanded Participating Area, shows the percentages 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 tracts. 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 March 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



Samuel Smith
Ass't. Manager
Lease Department

SS:RDJ:mm

(1) copy of Exhibit "A"
cc: Attached list

672
El Paso Natural Gas Company

El Paso, Texas

March 1, 1957

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 29-7 Unit Area
#14-08-001-1650
Rio Arriba County, New Mexico
NOTICE OF APPROVAL OF
1956 SUPPLEMENTAL DRILLING PROGRAM

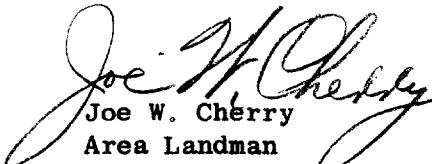
Gentlemen:

This is to advise that the 1956 Supplemental Drilling Program for the above captioned Unit has been approved as follows:

- (1) Regional Supervisor, United States Geological Survey
Approved: December 6, 1956
- (2) Commissioner of Public Lands of the State of New Mexico
Approved: December 10, 1956
- (3) Oil Conservation Commission of the State of New Mexico
Approved: December 31, 1956

Copies of this letter have been sent to the working interest owners shown on the attached sheet.

Very truly yours,


Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:nn
cc: Attached list

474
El Paso Natural Gas Company

El Paso, Texas

March 1, 1957

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 29-7 Unit
Exhibit "B"

Gentlemen:

Horace F. McKay, Jr., et ux, have conveyed a one-quarter (1/4) interest in and to all of the oil, gas and other minerals that may be produced from the lands described in Tract #39 of captioned exhibit.

Please make the following change on subject exhibit under the column headed "Land Owner Percentage of Royalty":

Horace F. McKay, Jr.	9.375%
F. A. Catron	3.125%

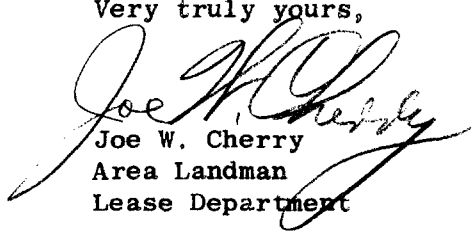
In tract #38-A of captioned exhibit, Pacific Northwest Pipeline Corporation has acquired all rights under this tract. Thus, under the column headed "Working Interest Owner, etc.", it should read as follows:

Pacific Northwest Pipeline Corporation	All
--	-----

The remainder of captioned exhibit as revised January 21, 1957, remains unchanged.

A copy of this letter is being sent to each of the Working Interest Owners shown on the attached sheet.

Very truly yours,


Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:nn
cc: Attached list

1674
El Paso Natural Gas Company

El Paso, Texas

March 1, 1957

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 29-7 Unit Area
#14-08-001-1650
Rio Arriba County, New Mexico
NOTICE OF APPROVAL OF
1957 DRILLING PROGRAM

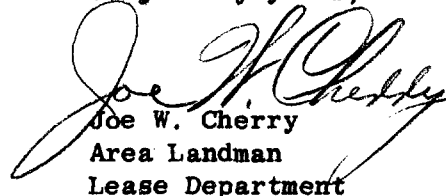
Gentlemen:

This is to advise that the 1957 Drilling Program for the above captioned unit was approved as follows:

- (1) Acting Regional Supervisor, United States Geological Survey
Approved: January 28, 1957
- (2) Commissioner of Public Lands of the State of New Mexico
Approved: January 14, 1957
- (3) Oil Conservation Commission of the State of New Mexico
Approved: February 28, 1957

Copies of this letter have been sent to the working interest owners shown on the attached sheet.

Very truly yours,


Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:nn
cc: Attached list

OIL 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. R. L. Hamblin

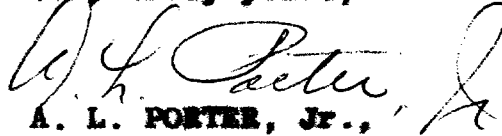
Re: San Juan 29-7 Unit
Rio Arriba County, N. M.
Supplemental Drilling
Program, 1956

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission on December 31, 1956, approved the Supplemental Drilling Program for the above-captioned unit area, dated November 27, 1956, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

Inasmuch as only one copy of the drilling program was received, no approved copy is being returned.

Very truly yours,


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

ALP/DSH/1r

bcc: USGS - Roswell
Commissioner of Public Lands - Santa Fe

C
O
P
Y

U. L. 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. E. L. Hamblin

**Re: San Juan 29-7 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, 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/DSM/ir

Enclosure

**bcc: USGS- Roswell
Commissioner of Public Lands - Santa Fe**

C
O
P
Y

674
El Paso Natural Gas Company

El Paso, Texas

February 8, 1957

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

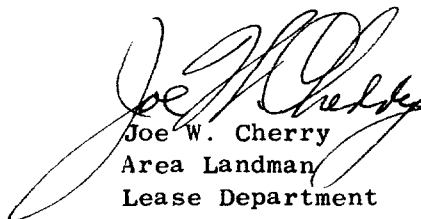
Re: San Juan 29-7 Unit
Township 29 North, Range 7 West
Section 14: SE/4 SW/4

Gentlemen:

Enclosed please find one (1) copy of Ratification and Joinder of the captioned Unit Agreement and one (1) copy of Ratification and Joinder of captioned Unit Operating Agreement executed by Pacific Northwest Pipeline Corporation, committing their interest under captioned acreage. In the past the acreage had been considered a portion of Tract #38, however there was a title failure on this land and Pacific Northwest Pipeline Corporation acquired a five year lease from Guillermo H. Lobato, et ux, dated October 31, 1956. Due to the new lease, the captioned acreage was segregated from Tract #38, and formed Tract #38-A.

It is requested that these instruments be processed in the usual manner.

Very truly yours,


Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:cr
Enclosures

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 29-7 Unit 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.

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

Date: _____

Pacific Northwest Pipeline Corp.

By: _____

Vice President

Attest: _____

Assistant Secretary

APPROVED
AS TO FORM
LEGAL DEPT

Date: 2-6-57

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By: [Signature]
Vice President
UNIT OPERATOR

STATE OF UTAH)
COUNTY OF SALT LAKE) SS.:

On this 29th day of January, 1957, before me appeared

Allen E. Hiatt, to me personally known, who, being by me duly sworn, did say that he is the Vice President of Pacific Northwest Pipeline Corporation 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 Allen E. Hiatt 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:

September 19, 1960

[Signature]
Notary Public in and for Salt Lake County,
State of Utah

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared

_____ and _____
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:

Notary Public in and for _____
County,
State of _____

STATE OF)
COUNTY OF) SS.:

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,
State of _____

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE

San Juan 29-7 Unit, Rio Arriba County, New Mexico

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and and Operation of the said San Juan 29-7 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.

ADDRESS

SIGNATURE

ATTEST: _____

Pacific Northwest Pipeline Corp.

By: _____

Vice President

Date: _____

Attest: _____

Assistant Secretary

APPROVED AND CONSENTED TO:

EL PASO NATURAL GAS COMPANY

By: _____

Vice President

UNIT OPERATOR

Date: 2-6-57

STATE OF ~~NEW MEXICO~~ UTAH

COUNTY OF SALT LAKE . . . ss.

On this 29th day of January, 19 57, before me personally appeared Allen B. Hiatt, to me personally known, who being by me duly sworn did say: that he is the Vice president of Pacific Northwest Pipeline Corporation, a corporation, and that the seal affixed to the above and foregoing 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 that said

Allen B. Hiatt acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and seal this 29th day of January, 19 57.

My Commission expires: September 10, 1960

NOTARY PUBLIC

RESIDING AT Salt Lake City, Utah

El Paso Natural Gas Company

El Paso, Texas

299

February 4, 1957

Oil Conservation Commission
of State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

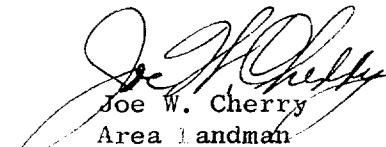
Re: ~~Rincon Unit~~
Exhibit "B"

San Juan 29-7

Gentlemen:

Please find enclosed for your files one (1) copy of
Exhibit "B" for captioned unit revised to January 21, 1957.

Very truly yours,


Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:nn
Enclosures

EXHIBIT "B" - SAN JUAN UNIT 29-7 - RIO ARRIBA COUNTY, NEW MEXICO

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>FEDERAL LANDS</u>							
<u>T-29-N, R-7-W</u>							
1	Sec. 15: W $\frac{1}{2}$; N $\frac{1}{2}$ NE $\frac{1}{4}$; NW $\frac{1}{4}$ SE $\frac{1}{4}$; S $\frac{1}{2}$ SE $\frac{1}{4}$	520.00	SF 077842 2-1-48 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % All	W. P. Luse	William Mansfield 1.5% Daniel P. Nolting 1.5% Total 3.0%	Aztec Oil and Gas Co. All
2	Sec. 9: SE $\frac{1}{4}$ Sec. 10: SW $\frac{1}{4}$; NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22: N $\frac{1}{2}$ Sec. 23: W $\frac{1}{2}$ NW $\frac{1}{4}$	760.00	SF 078399 4-1-48 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Morris Mizel	J. A. Pierce 3.0% Harry McKim 1.5% Charles W. McGarty .5% Total 5.0%	Gas Rights El Paso Natural Gas Company Oil Rights Morris Mizel All
3	Sec. 8: All Sec. 9: S $\frac{1}{2}$ SW $\frac{1}{4}$; NW $\frac{1}{4}$ SW $\frac{1}{4}$; SW $\frac{1}{4}$ NW $\frac{1}{4}$; E $\frac{1}{2}$ NE $\frac{1}{4}$; NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11: NW $\frac{1}{4}$; N $\frac{1}{2}$ NE $\frac{1}{4}$; NW $\frac{1}{4}$ SW $\frac{1}{4}$; SE $\frac{1}{4}$ NE $\frac{1}{4}$; S $\frac{1}{2}$ SE $\frac{1}{4}$; NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13: NW $\frac{1}{4}$; N $\frac{1}{2}$ SW $\frac{1}{4}$; SE $\frac{1}{4}$ SW $\frac{1}{4}$; SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14: N $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 17: All	2400.00	SF 078423 2-1-48 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % All	John C. Dawson	Petro-Atlas Corp. 1.75% R. H. Ernest .25% New Mexico-San Juan Natural Gas Co. .75% A. W. Rutter .25% John C. Dawson 1.00% Total 4.00% Western Natural Gas Co.--Per assignment of oil and gas operating rights on April 22, 1953 between Western Natural Gas Co. and Southern Union Gas Co.	Southern Union Gas Company All

January 21, 1957

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
FEDERAL LANDS (Continued)							
T-29-N, R-7-W							
4	Sec. 20: A11	2160.00	SF 078424 3-1-51 5 yrs	U.S.A. 12½% A11	W. O. Huggins, Jr.	W. O. Huggins, Jr. 1.00% Robert J. Nordhaus, et al 2.50% R.H.Ernest, et al .50% Total 4.00%	Southern Union Gas Company A11
	Sec. 21: A11						
	Sec. 22: SE¼						
	Sec. 23: NW¼SW¼; E½SE¼						
	Sec. 24: SW¼						
	Sec. 26: NE¼NE¼						
	Sec. 27: N½						
Sec. 28: E½ NE¼							
5	Sec. 24: SE¼	160.00	SF 078424-A 3-1-51 5 yrs.	U.S.A. 12½% A11	Pacific Northwest Pipeline Corp.	Western Natural Gas Co.--Per assignment of oil and gas operating rights on April 22, 1953 between Western Natural Gas Co. and Southern Union Gas Co.	Below MV Formation Skelly Oil Company A11
6	Sec. 22: SW¼	160.00	SF 078424-B 3-1-51 5 yrs.	U.S.A. 12½% A11	Pacific Northwest Pipeline Corp.	Ben Dansby, Jr. 5.00%	Below MV Formation Skelly Oil Company A11
							To Base of MV Formation Pacific Northwest Pipeline Corp. A11

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
FEDERAL LANDS (Continued)							
T-29-N, R-7-W							
7	Sec. 25: A11	2080.00	SF 078425 3-1-51 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	W. O. Huggins, Jr.	Petro-Atlas Corp. 1.75%	Southern Union Gas Company A11
	Sec. 26: S $\frac{1}{2}$ SE $\frac{1}{4}$; SW $\frac{1}{4}$ NW $\frac{1}{4}$; NW $\frac{1}{4}$ SW $\frac{1}{4}$					R. H. Ernest .25%	
	Sec. 27: SW $\frac{1}{4}$					New Mexico-San Juan Natural Gas Co. .75%	
	Sec. 34: A11					A. W. Rutter .25%	
	Sec. 35: S $\frac{1}{2}$; NE $\frac{1}{4}$					W. O. Huggins, Jr. 1.00%	
8	NW $\frac{1}{4}$	160.00	SF 078425-A 3-1-51 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	Pacific Northwest Pipeline Corp.	Total 4.00%	Below Base of MV Formation Skelly Oil Company A11 To Base of MV Formation Pacific Northwest Pipeline Corp. A11
						Western Natural Gas Co.--Per assignment of oil and gas operating rights on April 22, 1953 between Western Natural Gas Co. and Southern Union Gas Co.	
						Ben Dansby, Jr. 5.00%	
9	Sec. 19: Lots 5, 6, 7 & 8: E $\frac{1}{2}$ W $\frac{1}{2}$	1970.04	SF 078503 2-1-48 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	Three States Natural Gas Company	I. J. Marshall 1.333334%	To base of MV Formation El Paso Natural Gas Co. A11 Below MV Formation Three States Natural Gas Company A11
	Sec. 28: SW $\frac{1}{4}$ SW $\frac{1}{4}$					Leo R. Manning .500000%	
	Sec. 29: SE $\frac{1}{4}$; W $\frac{1}{2}$					Ernest A. Hanson .833333%	
	Sec. 30: E $\frac{1}{2}$					Olen F. Featherstone .333333%	
	Sec. 31: Lots 5, 6, 7, 8; E $\frac{1}{2}$ W $\frac{1}{2}$; E $\frac{1}{2}$ (A11)					3.000000%	
	Sec. 33: W $\frac{1}{2}$						

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>FEDERAL LANDS (Continued)</u>							
<u>T-29-N, R-7-W</u>							

10	Sec. 19: E $\frac{1}{2}$	320.00	SF 078503-A 2-1-48 5 yrs	U.S.A. 12 $\frac{1}{2}$ % All	Wm. B. Hardie	I. J. Marshall 1.333334% Ernest A. Hanson .833333% Olen F. Featherstone Leo R. Manning .333333% Thornton Hardie .500000% A. R. Grambling .250000% Ben R. Howell .250000% Wm. B. Hardie .100000% John A. Grambling .100000% R. H. Feuille .050000% Total 4.000000%	To Base of MV Formation El Paso Natural Gas Company Below Base of MV Formation Gas Rights El Paso Natural Gas Company San Jacinto Petroleum Corporation Oil Rights El Paso Natural Gas Company San Jacinto Petroleum Corporation	All 7/8 1/8 3/4 1/4
10a	Sec. 30: Lots 5, 6, 7, & 8; E $\frac{1}{2}$ W $\frac{1}{2}$	246.88	SF 078503-A 2-1-48 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Wm. B. Hardie	I. J. Marshall 1.333334% Ernest A. Hanson .833333% Olen F. Featherstone Leo R. Manning .333333% Thornton Hardie .500000% A. R. Grambling .250000% Ben R. Howell .250000% Wm. B. Hardie .100000% John A. Grambling .100000% R. H. Feuille .050000% Total 4.000000%	To Base of MV Formation Gas Rights El Paso Natural Gas Company D. H. Bolin Oil Rights El Paso Natural Gas Company Below Base of MV Formation Gas Rights El Paso Natural Gas Company San Jacinto Pet. Corp. Oil Rights El Paso Natural Gas Company San Jacinto Pet. Corp.	1/2 1/2 All All 7/8 1/8 3/4 1/4

Tract	No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease Overriding Royalty or Application	Working Interest Owner under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
FEDERAL LANDS (Continued)							
T-29-N, R-7-W							
11	Sec. 3:	SW $\frac{1}{4}$	720.00	SF 078919	U.S.A.	Morris Mizel	Gas Rights El Paso Natural Gas
	Sec. 4:	S $\frac{1}{2}$		8-1-48	12 $\frac{1}{2}$ %	J. A. Pierce	Company
	Sec. 12:	NW $\frac{1}{4}$; E $\frac{1}{2}$ SW $\frac{1}{4}$		5 yrs.		Harry McKim	Oil Rights
						Charles W. McCarty	Morris Mizel
						Total	All
						5.0%	
						5.0%	
12	Sec. 6:	Lots 8, 9, 10, 11, 12, 13, 14; SE $\frac{1}{4}$ NW $\frac{1}{4}$; E $\frac{1}{2}$ SW $\frac{1}{4}$; S $\frac{1}{2}$ NE $\frac{1}{4}$; SE $\frac{1}{4}$ (All)	530.15	SF 078943	U.S.A.	Skelly Oil Co.	Skelly Oil Company
				3-1-48	12 $\frac{1}{2}$ %	J. F. Hickman	All
				5 yrs.	All	Alton H. Clark	
						Total	
						3.75%	
						1.25%	
						5.00%	
12a	Sec. 7:	Lots 5, 6, 7, 8, E $\frac{1}{2}$ W $\frac{1}{2}$; E $\frac{1}{2}$ (All)	546.72	SF 078943-A	U.S.A.	Pacific North-west Pipeline Corporation	To Base of MV Formation Pacific Northwest Pipeline Corp.
				3-1-48	12 $\frac{1}{2}$ %	J. F. Hickman	All
				5 yrs.	All	Alton H. Clark	
						Total	
						3.75%	
						1.25%	
						5.00%	
13	Sec. 1:	All	2543.15	SF 078945	U.S.A.	Robt. Storey, Jr.	Below Base of MV Formation Skelly Oil Company
	Sec. 3:	Lots, 5, 6, 7, & 8, S $\frac{1}{2}$ N $\frac{1}{2}$		2-1-48	12 $\frac{1}{2}$ %	John G. Daum	All
				5 yrs	All	Earl H. Schmidt	
	Sec. 4:	Lots 5, 6, 7, & 8, S $\frac{1}{2}$ N $\frac{1}{2}$				E. W. Ingram	To Base of MV Formation Gas Rights
						Jack Neveleff	El Paso Natural Gas
	Sec. 12:	W $\frac{1}{2}$ E $\frac{1}{2}$; NE $\frac{1}{4}$ NE $\frac{1}{4}$				Texas Nat'l Petro.Co.	Company
	Sec. 18:	Lots 5 & 6					Oil Rights
	Sec. 27:	NE $\frac{1}{4}$; E $\frac{1}{2}$ NW $\frac{1}{4}$				Dan W. Johnston	Delhi Oil Corp.
							All
	Sec. 28:	N $\frac{1}{2}$ SE $\frac{1}{4}$; SW $\frac{1}{4}$ SE $\frac{1}{4}$				R. E. Beamon	Below Base of MV Formation
						Alma Beamon Anderson	Delhi Oil Corp.
	Sec. 29:	NW $\frac{1}{4}$; W $\frac{1}{2}$ NE $\frac{1}{4}$; SE $\frac{1}{4}$				Robt. Storey, Jr.	
						1.00000%	
						to be reduced to 0.50%	
						upon Payment of \$25.00	
						per acre	
						Mrs. Lillie Leona Rogers	.007455%
						Mrs. Veva Jean Glibbard	.007455%
						Orville Curtis Rogers	.007455%
						Mrs. Willie Johnston	.022365%
						V. A. Johnston	.022365%
						Ralph A. Johnston	.022365%
						1st Nat'l Bank of Fort	
						Worth Trustee for	
						Eula May Johnston	
						Total	.089460
							4.50000 %

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS (Continued)
T-29-N, R-7-W

14	Sec. 5 Lots 7 & 8; S $\frac{1}{2}$ NW $\frac{1}{4}$; SW $\frac{1}{4}$	315.10	SF 078951 2-1-48 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Willie G. Hodges	Olen F. Featherstone Ernest A. Hanson L. B. Hodges Thornton Hardie A. R. Grambling Ben R. Howell Wm. B. Hardie John A. Grambling R. H. Feuille Total	2.25% 2.25% .50% .25% .25% .25% .10% .05% 6.00%	To Base of MV Formation Gas Rights El Paso Natural Gas Company D. H. Bolin Oil Rights El Paso Natural Gas Company Below Base of MV Formation El Paso Natural Gas Company	1/2 1/2 All All
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14a	Sec. 5: Lots 5 & 6 S $\frac{1}{2}$ NE $\frac{1}{4}$; SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$	355.94	SF 078951 2-1-48 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Willie G. Hodges	Olen F. Featherstone R. H. Feuille Allen R. Grambling John A. Grambling Ernest A. Hanson Thornton Hardie William B. Hardie L. B. Hodges Ben R. Howell Total	2.25% .05% .25% .10% 2.25% .25% .10% .50% .25% 6.00%	El Paso Natural Gas Company	All
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15	Sec. 12: W $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 13: SW $\frac{1}{4}$ SW $\frac{1}{4}$	120.00	SF 079514 10-1-49 5 yrs.	U.S.A. 12 $\frac{1}{2}$ % All	R. W. Bolack	None Total		Tom Bolack	All
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January 21, 1957

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS (Continued)
T-29-N, R-7-W

15a	Sec. 3: SE/4 Sec. 10: NW/4 Sec. 13: S/2 NE/4; NW/4 NE/4; N/2 SE/4	520.00	SF 079514 10-1-49 5 yrs.	U.S.A. 12½% All	R. W. Bolack	Tom Bolack	5.00%	To base of Mesaverde formation: El Paso Natural Gas Co. 1/2 Tom Bolack 1/2 Below base of Mesaverde formation: Tom Bolack All
15b	Sec. 18: Lots 7 & 8; SE/4; E/2 SW/4 Sec. 33: E/2	595.92	SF 079514 10-1-49 5 yrs.	U.S.A. 12½% All	R. W. Bolack	Tom Bolack	5.00%	El Paso Natural Gas Co. 1/2 Tom Bolack 1/2
16	Sec. 26: SE/4 NE/4	40.00	NM 019404 12-1-55 5 yrs.	U.S.A. 12½% All	J. M. Clark	None		J. M. Clark All
17	Sec. 10: NE/4	160.00	NM 03600 2-1-48 5 yrs.	U.S.A. 12½% All	Pacific Northwest Pipeline Corp.	Petro-Atlas Corp.	5.00%	Below Base of Mesaverde formation: Skelly Oil Company To Base of Mesaverde formation: Pacific Northwest Pipe- line Corporation All
18	Sec. 14: NE/4	160.00	NM 05219 5-1-51 5 yrs.	U.S.A. 12½% All	Tom Bolack	None		Tom Bolack All

22 Federal Tracts - 17,543.90 acres or 77.9724% of Unit Area.

January 21, 1957

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of interest
<u>STATE LANDS</u>							
<u>T-29-N, R-7-W</u>							
19	Sec. 2: Lots 5, 6, 7 & 8	156.24	E-289-23 5-2-45 10 yrs.	State of New Mexico 12½% All	Pacific Northwest Pipeline Corp.	\$500.00 per acre out of 5% of production to Levi A. Hughes	<u>Below Base of Mesaverde Formation:</u> <u>Phillips Petroleum Co.</u> All <u>To Base of Mesaverde Formation:</u> <u>Pacific Northwest</u> All
20	Sec. 32: NW/4 SW/4	40.00	E-3642-11 6-14-50 10 yrs.	State of New Mexico 12½% All	Bolack Oil & Gas Company	Joseph C. Bergers 3.00%	Petro-Atlas Corp. All
21	Sec. 36: All	640.00	E-5111-4 4-4-51 10 yrs.	State of New Mexico 12½% All	El Paso Natural Gas Company	Glenn S. Gilmore 7.50%	El Paso Natural Gas Co. All
22	Sec. 2: S/2 N/2	160.00	E-5184-11 4-9-51 10 yrs.	State of New Mexico 12½% All	El Paso Natural Gas Company	Pubco Pet. Corp. 12.50% Rose F. Wilson 3.75% J. J. Bomke 3.75% <u>Total</u> 20.00%	<u>Gas Rights to Base of Mesaverde formation:</u> <u>El Paso Natural Gas Co.</u> All <u>Gas Rights Below Mesaverde Formation & all Oil:</u> <u>Pubco Petroleum Corp.</u> All
23	Sec. 16: All	640.00	B-10037-40 1-12-43 10 yrs.	State of New Mexico 12½% All	Southern Union Gas Company	Edward Henry Anderson, Executor of the estate of Charlie G. Anderson, & Grace Hoxsey 7.50%	Aztec Oil & Gas Co. All
24	Sec. 32: S/2 NW/4	80.00	B-10037-41 1-12-43 10 yrs.	State of New Mexico 12½% All	Southern Union Gas Company	Grace Hoxsey 7.50%	Southern Union Gas Co. All
25	Sec. 32: SE/4 NE/4; NE/4 NW/4	80.00	B-10037-42 1-12-43 10 yrs.	State of New Mexico 12½% All	Southern Union Gas Company	Hoyt E. Buttolph 7.50%	Southern Union Gas Co. All
26	Sec. 32: N/2 SE/4	80.00	B-10037-43 1-12-43 10 yrs.	State of New Mexico 12½% All	Southern Union Gas Company	W. C. Wright 7.50%	Southern Union Gas Co. All

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
STATE LANDS (Continued)							
T-29-N, R-7-W							
27	Sec. 32: S/2 SW/4	80.00	B-10037-44 1-12-43 10 yrs.	State of New Mexico 12½% All	Southern Union Gas Company	Omer B. Wright 7.50%	Southern Union Gas Co. All
28	Sec. 32: NE/4 SW/4	40.00	B-10037-45 1-12-43 10 yrs.	State of New Mexico 12½% All	Southern Union Gas Company	Harry Duffe 7.50%	Southern Union Gas Co. All
29	Sec. 32: NE/4 NE/4; SW/4 NE/4	80.00	B-10037-46 1-12-43 10 yrs.	State of New Mexico 12½% All	Southern Union Gas Company	R. W. Warner 7.50%	Southern Union Gas Co. All
30	Sec. 32: NW/4 NE/4	40.00	B-10037-47 1-12-43 10 yrs.	State of New Mexico 12½% All	Southern Union Gas Company	Henry R. Schaefer 7.50%	Southern Union Gas Co. All
31	Sec. 32: NW/4 NW/4	40.00	B-10037-48 1-12-43 10 yrs.	State of New Mexico 12½% All	El Paso Natural Gas Company	E. H. Elsmann 5.00%	El Paso Natural Gas Co. All
32	Sec. 32: S/2 SE/4	80.00	B-10037-51 1-12-43 10 yrs.	State of New Mexico 12½% All	Southern Union Gas Company	Leo R. Manning, et ux 5.00%	Southern Union Gas Co. All
33	Sec. 2: S/2	320.00	B-10037-55 1-12-43 10 yrs.	State of New Mexico 12½% All	The Bay Petroleum Corporation	Catherine Kautz 2.50% Clara M. Allen 2.50% Total 5.00%	Tennessee Gas Trans- mission Company 30% Northwood Oil Co. 70%

15 State Tracts - 2,556.24 acres or 11.3610% of Unit Area

January 21, 1957

January 21, 1957

Total 12.5000%

Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>PATENTED LANDS</u> <u>T-29-N, R-7-W</u>							

34	Sec. 9:	N/2 NW/4, SE/4 NW/4, NE/4 SW/4	160.00	5-2-52 5 yrs.	Adolph Soens 6.25% Pablo Candelaria 6.25%	J. A. Pierce & Petro-Atlas Corp.	None	J. A. Pierce 1/2 Petro-Atlas Corp. 1/2
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35	Sec. 10:	S/2 SE/4, NE/4 SE/4	200.00	2-1-48 10 yrs.	Pearl Prehn 6.25%	Pacific Northwest Pipeline Corp.	None	Below Base of Mesaverde formation: Stanolind Oil & Gas Co. All To Base of Mesaverde formation: Pacific Northwest Pipeline Corp. All
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Sec. 11: SW/4 SW/4
Sec. 24: 40 acres out of the N/2 NE/4 described as follows:
Beginning at SE/C of NE/4 NE/4 Sec. 24-29-N -7W; Thence W. along S/div. line of N/2 NE/4 562 yds.; Thence N/198 yds.; Thence in a straight line northeasterly to the NE/C of said NE/4 NE/4; Thence following the division line of said subdivision South to point of beginning & containing 40 acres, more or less.

35A	Sec. 11:	E/2 SW/4, NW/4 SE/4, SW/4 NE/4	320.00	2-1-48 10 yrs.	Pearl Prehn 6.25%	Pacific Northwest Pipeline Corp.	None	Below Base of Mesaverde formation: Stanolind Oil & Gas Co. All To Base of Mesaverde formation: Pacific Northwest Pipeline Corp. All
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	Sec. 24:	S/2 N/2		3-15-54 10 yrs.	Adolph Soens 6.25%			
36	Sec. 12:	E/2 SE/4, SE/4 NE/4	160.00	10-19-49 10 yrs.	C.A. McAdams 1.5625% Chas.W.McCarthy 1.5625% Adolph Soens 6.2500% Thos.N.Mandry 1.5625% Forrest B. Miller 1.5625%	Southern Union Gas Company	Chas. L. Jenkins W. C. Neal	2.5% 2.5% 5.0%

January 21, 1957

Total 12.5000%

Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>PATENTED LANDS (Continued)</u>							
<u>T-29-N, R-7-W</u>							

37	Sec. 13: SE/4 SE/4 Sec. 24: NE/4 NW/4; N/2 NE/4 except 40 acres described as follows: Beginning at SE/C of NE/4 NE/4 Sec. 24 -29N -7W; Thence West along S/div. line of N/2 NE/4 562 yds.; Thence N/198 yds.; Thence in a straight line Northeasterly to the NE/C of said NE/4 NE/4; Thence follow- ing the division line of said subdivision South to point of be- ginning and containing 40 acres, more or less.	120.00	12-18-47 10 yrs	Pearl Prehn 12.50%	Pacific Northwest Pipeline Corp.	None	Below Base of Mesaverde formation: Stanolind Oil & Gas Co. All To Base of Mesaverde formation: Pacific Northwest All
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37a	Sec. 14: SE/4 SE/4	40.00	12-18-47 10 yrs	Pearl Prehn 6.25% Adolph Soens 6.25%	Pacific Northwest Pipeline Corp.	None	Below Base of Mesaverde formation: Stanolind Oil & Gas Co. All To Base of Mesaverde formation: Pacific Northwest All
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37b	Sec. 23: E/2 NE/4 Sec. 24: NW/4 NW/4	120.00	12-18-47 10 yrs. Unleased	As to the S $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23 Pipeline Corp. Pearl Prehn 6.25% Paul Ritter) Roland Ritter) 6.25% Ethel R. Emigh) James M. Noland) As to the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23 Pearl Prehn 6.25% James L. Russell 6.25% As to the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24 Pearl Prehn 6.25% Geo.A. Frank, et ux 6.25%	Pacific Northwest	None	Below Base of Mesaverde formation: Stanolind Oil & Gas Co. All To Base of Mesaverde formation: Pacific Northwest All
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Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>PATENTED LANDS (Continued)</u>							
<u>T-29-N, R-7-W</u>							

(Continued)

(Continued)				<u>As to the N¹/₂ NE¹/₄NE¹/₄ Sec. 23</u> Pearl Prehn 6.25% Adolph Soens 6.25%			
38	Sec. 14: N/2 SE/4, SW/4 SE/4	120.00	12-24-47 10 yrs.	Horace F. McKay, Pacific Northwest Jr., et ux 12.5% Pipeline Corp.	None	<u>Below Base of Mesaverde formation:</u> Stanolind Oil & Gas Co. All <u>To Base of Mesaverde formation:</u> Pacific Northwest Pipeline Corporation All	
38a	Sec. 14: SE/4 SW/4	40.00	10-31-56 5 yrs.	Guillermo H. Pacific Northwest Lobato, et ux Pipeline Corp. 12.5%	None	<u>Below Base of Mesaverde formation:</u> Stanolind Oil & Gas Co. All <u>To Base of Mesaverde formation:</u> Pacific Northwest Pipeline Corporation All	
39	Sec. 14: N/2 SW/4; SW/4 SW/4 Sec. 15: NE/4 SE/4	160.00	12-24-47 10 yrs.	Horace F. Pacific Northwest McKay, Jr. 12.5% Pipeline Corp.	None	<u>Below Base of Mesaverde formation:</u> Stanolind Oil & Gas Co. All <u>To Base of Mesaverde formation:</u> Pacific Northwest Pipeline Corporation All	
40	Sec. 14: S/2 NW/4 Sec. 15: S/2 NE/4	160.00	12-24-47 10 yrs.	As to S/2 NE/4 Pacific Northwest Sec. 15, SW/4 Pipeline Corp. NW/4 Sec. 14 Horace F. McKay, Jr. 12.5% As to SE/4 NW/4 Sec. 14 Horace F. McKay, Jr. 6.25% Adolph Soens 6.25%	None	<u>Below Base of Mesaverde formation:</u> Stanolind Oil & Gas Co. All <u>To Base of Mesaverde formation:</u> Pacific Northwest Pipeline Corporation All	

January 21, 1957

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>PATENTED LANDS (Continued)</u>							
<u>T-29-N, R-7-W</u>							

41	Sec. 23: E/2 NW/4; W/2 NE/4	160.00	7-10-51 5 yrs.	Erna Rex 12.5% Pacific Northwest Pipeline Corporation	None	Below Base of Mesaverde Formation: Stanolind Oil & Gas Co. All To Base of Mesaverde Formation: Pacific Northwest Pipeline Corp. To Base of Mesaverde Formation: Pacific Northwest Pipeline Corp. Below Base of Mesaverde Formation: T. H. McElvain	All
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42	Sec. 23: E/2 SW/4; W/2 SE/4	160.00	3-12-52 5 yrs	As to the E/2 Forrest B. Miller SW/4, NW/4 SE/4, N/2 SW/4 SE/4, SE/4 SW/4 SE/4, Sec. 23. Adolph Soens 6.25% Juan I. Lopez 6.25% As to the SW/4 SW/4 SE/4 Sec. 23. Della T. Griffith 5.0% Adolph Soens 1.25% Juan I. Lopez 6.25%	None	Below Base of Mesaverde Formation: Stanolind Oil & Gas Co. All To Base of Mesaverde Formation: Pacific Northwest Pipeline Corp. Below Base of Mesaverde Formation: T. H. McElvain	All
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43	Sec. 23: SW/4 SW/4 Sec. 26: W/2 NE/4; SE/4 NW/4; N/2 NW/4; NE/4 SW/4; S/2 SW/4; N/2 SE/4 Sec. 27: SE/4 SE/4	480.00	3-8-48 10 yrs	Juan I. Lopez Pacific Northwest 6.25000% Pipeline Corp. A. L. Duff, Jr. 1.04167% C. A. McAdams 2.34373% Petro-Minerals, Inc. 78125% Charles W. McCarty 1.04168% Forrest B. Miller 1.04167% Total 12.50000%	None	Below Base of Mesaverde Formation: Stanolind Oil & Gas Co. All To Base of Mesaverde Formation: Pacific Northwest Pipeline Corp. All	All
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13 Patented Tracts - 2,400 Acres or 10.6666% of Unit Area

R E C A P I T U L A T I O N

<u>LAND</u>	<u>ACRES IN UNIT</u>	<u>PERCENTAGE OF UNIT AREA</u>
Federal	17,543.90	77.9724%
State	2,556.24	11.3610%
Patented	<u>2,400.00</u>	<u>10.6666%</u>
TOTAL OF UNIT AREA	22,500.14	100.0000%

* K. H. Ackerman is to receive one-half (1/2) of all proceeds derived from Pearl Prehn from production of oil and gas that may be discovered or produced within fifteen (15) years from January 2, 1947, and so long thereafter as production is obtained from said premises. Ackerman is not entitled to any monies received by Prehn as bonus or rental payment.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

January 28, 1957

fill

El Paso Natural Gas Company
P. O. Box 1192
El Paso, Texas

Attention: Mr. R. L. Hamilton

Gentlemen:

Your plan of development dated December 31, 1956, for the San Juan 23-7 Unit Area, 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.

Very truly yours,

(Orig. Sgd.) R. E. CANFIELD

R. E. CANFIELD
Acting 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)
✓ Oil Cons. Comm., Santa Fe (letter only)

674 -
El Paso Natural Gas Company

El Paso, Texas

January 18, 1957

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

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 29-7 Unit)*
#14-08-001-1650
NOTICE OF COMPLETION OF
ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 29-7 Unit Agreement #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on September 7, 1956, that one additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the Unit.

This well is as follows:

The San Juan 29-7 #52-7 Well located 1710' from the North line and 855' from the East line of Section 7, Township 29 North, Range 7 West, Rio Arriba County, New Mexico. This well was spudded on July 25, 1956 and completed on August 28, 1956 at a total depth of 5320 feet. The Cliff House section in the Mesaverde Formation between 4678'-4682', 4690'-4700', 4706'-4716', 4720'-4730', 4736'-4742', 4762'-4768' and 4782'-4786' was treated with a water fracturing process on August 28, 1956. The Point Lookout section in the Mesaverde Formation between 5146'-5190', 5206'-5210', 5214'-5216', 5220'-5230', 5238'-5242', 5252'-5260' and 5268'-5276' was treated with a water fracturing process on August 28, 1956. After being shut-in for nine days, the well was tested on September 7, 1956, and following a three hour blow-down

gauged 5,258 MCFGPD through a 3/4" choke and 10,265 MCFGPD by the calculated absolute open flow method, with an SIPC of 1082# and and SIPT of 1070#. The committed drilling block upon which this well is located is described as the E/2 of Section 7, Township 29 North, Range 7 West, N.M.P.M., containing 320 acres.

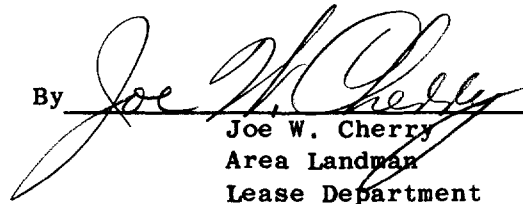
This drilling block was included in the San Juan 29-7 Fourth Expanded Participating Area, effective August 1, 1955, as an intervening drilling block. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule V for the Fourth Expanded Participating Area remain the same.

A copy of this letter is being sent to each of the Working Interest Owners shown on the Attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By


Joe W. Cherry
Area Landman
Lease Department

JWC:RDJ:nb

cc: Attached List

January 14, 1957

In reply refer to:
Unit Division

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

Attention: Mr. Samuel Smith, Assistant Manager
Lease Department

Re: San Juan 29-7 Unit -
1957 Drilling Program

Dear Mr. Smith:

Enclosed please find our approval of this date for your 1957 Drilling Program on the San Juan 29-7 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.

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 29-7 Unit
#14-08-001-1650
Rio Arriba County, New Mexico
1957 Drilling Program

Gentlemen:

By letter dated December 21, 1955, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1956, consisting of six (6) Mesaverde wells. All of these wells were completed during 1956 upon lands committed to this Unit as follows:

<u>Well Name</u>	<u>Formation</u>	<u>Drilling Block</u>	<u>Initial Potential</u>	<u>Tied-In</u>
San Juan 29-7 #52	Mesaverde	E/2 Section 7: T-29-N, R-7-W	5,258 10,265	Not Tied In
San Juan 29-7 #48	Mesaverde	E/2 Section 8: T-29-N, R-7-W	5,802 13,385	Not Tied In
San Juan 29-7 #49	Mesaverde	E/2 Section 20: T-29-N, R-7-W	5,135 16,843	Not Tied In
San Juan 29-7 #50	Mesaverde	E/2 Section 21: T-29-N, R-7-W	5,924 15,521	Not Tied In
San Juan 29-7 #51	Mesaverde	W/2 Section 21: T-29-N, R-7-W	5,346 12,750	Not Tied In
San Juan 29-7 #53	Mesaverde	E/2 Section 27: T-29-N, R-7-W	5,810 15,193	Not Tied In

Fifty (50) wells have been completed to the Mesaverde formation on lands committed to this Unit. All wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde

Participating Area. All wells except the above listed wells are producing into El Paso Natural Gas Company's gathering system.

For the period from 7:00 o'clock A.M., on January 1, 1956, to 7:00 o'clock A.M., on November 30, 1956, the production from the Mesaverde formation of the San Juan 29-7 Unit was 2,834,879 M.C.F. of gas, condensates and liquid products, with a total value of \$357,418.62.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1957, consisting of eight (8) wells to be drilled to the Mesaverde formation, such Drilling Program to constitute all of our drilling obligations for such year. These proposed drilling sites are as follows:

<u>Drilling Blocks</u>	<u>Formation</u>
* W/2 Section 11: T-29-N, R-7-W	Mesaverde
* E/2 Section 14: T-29-N, R-7-W	Mesaverde
* E/2 Section 15: T-29-N, R-7-W	Mesaverde
W/2 Section 26: T-29-N, R-7-W	Mesaverde
* W/2 Section 27: T-29-N, R-7-W	Mesaverde
E/2 Section 34: T-29-N, R-7-W	Mesaverde
W/2 Section 34: T-29-N, R-7-W	Mesaverde
E/2 Section 36: T-29-N, R-7-W	Mesaverde

* Intervening Drilling Block - Must be drilled in 1957.

As Unit Operator, El Paso Natural Gas Company intends to drill all the 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 surface and an intermediate string of 7-5/8" casing will be set through 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 in with gas. 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 thereof pursuant to 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

By



R. L. Hamblin

Manager

Lease Department

RLH:RDJ:cr

cc: Attached Sheet

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.

APPROVED: *A. L. Patton* DATE: 2-28-57
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

The foregoing approvals are for the 1957 Drilling Program for the
_____ Unit, New Mexico.

674
El Paso Natural Gas Company

El Paso, Texas

December 24, 1956

file

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-7 Unit
Township 29 North
Range 7 West
Section 14: SE/4 SW/4

Gentlemen:

Enclosed please find one (1) copy of a Ratification and Joinder of the captioned Unit Agreement executed by Guillermo H. Lobato, et ux, committing their basic royalty interest under captioned acreage. In the past this acreage has been considered a portion of Tract #38, however there has been a title failure on this land and Pacific Northwest Pipeline Corporation has acquired a five year lease from Guillermo H. Lobato, et ux, dated October 31, 1956. Due to the new lease, we are segregating the captioned acreage from Tract #38, and forming Tract #38-A, which will only include the captioned acreage. The Lobatos will hold a 12½% royalty.

It is requested that this instrument be processed in the usual manner.

Very truly yours,

Joe W. Cherry
Joe W. Cherry
Area Landman

Lease Department

JWC:RDJ:nb

Enclosure

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 29-7 Unit Area, Rio Arriba County, New Mexico, by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit are as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

Route 1, Durango, Colorado

Route 1, Durango, Colorado

Date: October 31, 1956

SIGNATURE

Guillermo H. Lobato
Guillermo H. Lobato

Piedad J. Lobato

Piedad J. Lobato

Date: _____

Date: _____

APPROVED AND CONSENTED TO
PACIFIC NORTHWEST PIPELINE CORPORATION

By; Albert H. Hiett

Vice President
Working Interest Owner

November 8, 1956

Date: _____

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By H. E. Davis
Vice President

UNIT OPERATOR

STATE OFColorado)
) SS
COUNTY OF La Plata)

On this 21st. day of October, 1956, before me personally appeared

Guillermo H. Lobato and Piedad J. Lobato, Husband and Wife

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their 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:

Feb 25, 1959

William C. Hesther
Notary Public

STATE OF)
) SS
COUNTY OF)

On this _____ day of _____, 195__, before me personally appeared

to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ 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:

Notary Public

STATE OF)
) SS
COUNTY OF)

On this _____ day of _____, 195__, before me personally appeared

to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ 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:

Notary Public

fill
#674

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the 29-7 Area located within the County of San Juan, 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.

Tract 16
need OCC
11/9/55

ADDRESS

SIGNATURE

4163 Marble, N.E.

Edith Clark
Edith Clark

Albuquerque, New Mexico

J. M. Clark
J. M. Clark

Date: _____

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By [Signature] R2H
Vice President
UNIT OPERATOR

On this 22nd day of June, 1955, before me personally appeared
J. M. CLARK and EDITH CLARK, his wife,

to me known to be the person s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their 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: _____

Notary Public

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE

SAN JUAN 29-7 UNIT AREA

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and and Operation of the said 29-7 UNIT AREA, 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.

ADDRESS

SIGNATURE

4163 Marble, N.E.
ATTEST:

Edith Clark
Edith Clark

Albuquerque, New Mexico.

J. M. Clark
J. M. Clark

Date: _____

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By [Signature] RLH
Vice President
UNIT OPERATOR

Date: _____

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO } SS

On this 6th day of September, 1955, before me personally appeared
J. M. CLARK and EDITH CLARK, his wife,

to me known to be the person s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their 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: _____

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

U. S. GEOLOGICAL SURVEY
TOMBALL, NEW MEXICO

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 29-7 Unit 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.

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

Box 1278, Melbourne, Florida

SIGNATURE

Rollin Ritter

Date: December 17th, 1954

Date: _____

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By [Signature]
Vice President

UNIT OPERATOR

APPROVED AND CONSENTED TO:
STANOLIND OIL AND GAS COMPANY
By [Signature]
Vice President
WORKING INTEREST OWNER

STATE OF)
COUNTY OF) SS.:

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 _____
State of _____ County,

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared _____ and _____ 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:

Notary Public in and for _____
State of _____ County,

STATE OF FLORIDA)
COUNTY OF BREVARD) SS.:

On this 17th day of December, 1954, before me personally appeared Rollin Ritter, dealing with his sole/ ~~and separate property~~ and separate property, 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 his free act and deed.

My Commission expires:
Notary Public, State of Florida at large
My commission expires Feb. 11, 1956
Bonded by American Surety Co. of N. Y.

Wladyslaw Peck
Notary Public in and for _____
State of _____ County,

RATIFICATION AND JOINDER OF UNIT AGREEMENT

APR 22 1955
U. S. GEOLOGICAL SURVEY
ROSWEIL, NEW MEXICO

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 297 Unit 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.

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

Paul Ritter

Paul Ritter

Date: _____

Date: _____

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By *[Signature]*
Vice President

UNIT OPERATOR

APPROVED AND CONSENTED TO:
STANDARD OIL AND GAS COMPANY
By *[Signature]*
Vice President
WORKING INTEREST OWNER

APPROVED
[Signature]

STATE OF)
)
COUNTY OF) SS.:

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 _____

STATE OF)
)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared _____ and _____ 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:

Notary Public in and for _____
County,
State of _____

STATE OF Colorado)
)
COUNTY OF La Plata) SS.:

On this ^{8th}~~9th~~ day of December, 195⁴, before me personally appeared Paul Ritter, ~~single person~~ to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that he he executed the same as his free act and deed.

My Commission expires: October 15, 1955.



Notary Public in and for La Plata
County,
State of Colorado

RATIFICATION AND JOINDER OF UNIT AGREEMENT

AUG 22 1954
U. S. GEOLOGICAL SURVEY
BOSWELL, NEW MEXICO

In consideration of the execution of the Unit Agreement for the Development and Operation of the 29-7 Unit 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.

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

2902 No. 28th St. Tacoma, Wn.

2902 No. 28th St. Tacoma, Wn.

Date: Dec. 16, 1954

SIGNATURE

George A. Frank

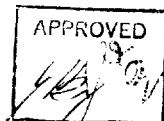
Anna O. Frank

Date: _____

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By [Signature]
Vice President

UNIT OPERATOR

APPROVED AND CONSENTED TO:
STANOLINE OIL AND GAS COMPANY
By [Signature]
Vice President
WORKING INTEREST OWNER



STATE OF)
COUNTY OF) SS.:

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 _____

STATE OF WASHINGTON)
COUNTY OF Pierce) SS.:

On this 16th day of December, 1954, before me appeared

George A. Frank and Anna O. Frank
his wife, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires: 12-25-54

V. G. Carlstone
Notary Public in and for _____
Pierce County,
State of Washington

STATE OF)
COUNTY OF) SS.:

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,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

RECEIVED
AUG 22 1955
U. S. GEOLOGICAL SURVEY
MOSWELL, NEW MEXICO

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 297 Unit 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.

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
Durango, Colo.

SIGNATURE
James M. Noland
James M. Noland

Date: _____

Date: _____

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By [Signature]
Vice President

UNIT OPERATOR

APPROVED AND CONSENTED TO:
STANDARD OIL AND GAS COMPANY
By [Signature]
Vice President
WORKING INTEREST OWNER

STATE OF)
COUNTY OF) SS.:

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 _____

STATE OF Colorado)
COUNTY OF LaPlata) SS.:

On this 8th day of December, 1954, before me appeared

James M. Noland
~~his wife~~ to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me ~~they~~ ^{he} executed the same as ~~their~~ ^{his} free act
and deed.

~~My Commission expires:~~

Herbert McNegeor
Clerk District Court, La Plata County, Colorado
Notary Public in and for _____
County,
State of _____

STATE OF)
COUNTY OF) SS.:

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,
State of _____



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 6721
Roswell, New Mexico

December 18, 1956

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

Attention: Mr. Samuel Smith

Gentlemen:

Receipt is acknowledged of your letter of December 10 transmitting four copies of Schedule VII showing the Sixth Expanded Participating Area for the Mesaverde formation for the San Juan 29-7 Unit, No. 14-08-001-1055, effective October 1, 1956.

Please submit letter size plats to be attached to each copy of Schedule VII showing by distinctive color or other clear identification the tracts being added by the sixth expansion as well as those in the existing participating area. These plats should accompany all notices of expansion of participating areas.

The serial number of Tract 12-A shown on pages 19 and 21 of Schedule VII should read: SW 078943-A. Corrections have been made on the copies retained by this office.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Commissioner of Public Lands
Oil Conservation Commission

274

December 10, 1956

In reply refer to:
Unit Division

file

El Paso Natural Gas Company
El Paso, Texas

Re: San Juan 29-7 Unit,
Rio Arriba County, N. Mex.
Supplemental Drilling
Program 1956

Attention: Mr. R. L. Hamblin
Manager, Lease Department

Gentlemen:

Your supplemental plan of development for the San Juan 29-7 Unit, Rio Arriba County, New Mexico, covering the remainder of the calendar year for 1956, has been approved by the Commissioner of Public Lands as of December 10, 1956, subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

We cannot return an approved copy to you as we only received one.

In the future may we please receive two copies for our files and as many extra copies as you may require.

Very truly yours,

E. S. WALKER
Commissioner of Public Lands

ESW:MMR/m

cc: USGS-Roswell
OCC-Santa Fe

El Paso Natural Gas Company

El Paso, Texas

December 10, 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 29-7 Unit) #14-08-001-1650
SIXTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective October 1, 1956

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 29-7 Unit Agreement, #14-08-001-1650, approved September 3, 1954, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that one additional well capable of producing unitized substances in paying quantities from the Mesaverde formation has been completed upon committed acreage to this Unit and the Participating Area for the Mesaverde formation is accordingly expanded.

This well is as follows:

1. The San Juan 29-7 Unit #53 Well is located 1550' from the North line and 800' from the East line of Section 27, Township 29 North, Range 7 West, Rio Arriba County, New Mexico. This well was spudded on August 12, 1956, and completed on September 2, 1956, at a total depth of 5566'. The Cliff House section of the Mesaverde formation between 4912' and 4922', 4932' and 4941', 4958' and 4972', and 4994' and 5005' was treated with a sand-water fracturing process on August 31, 1956. The Point Lookout section of the Mesaverde formation between 5346' and 5366', 5394' and 5408', 5450' and 5462', and 5487' and 5503' was also treated with a sand-water fracturing process on August 31, 1956. After being shut-in for eight days, the well was tested on September 10, 1956, and after a three hour blow-down, gauged 5810

MCFGPD through a 3/4" choke, and 15,193 MCFGPD by the calculated absolute open flow method, with an SIPC of 1064# and an SIPT of 1055#. The drilling block upon which this well is located is described as the E/2 of Section 27, Township 29 North, Range 7 West, N.M.P.M., consisting of 320.00 acres.

With the admission of this well to the Participating Area, there is one (1) intervening drilling block created. It is as follows:

W/2 of Section 27, Township 29 North, Range 7 West

This intervening drilling block consists of 320.00 acres. Under the terms of the Unit Agreement, this intervening drilling block is admitted to the Participating Area on October 1, 1956, and a well must be commenced on said intervening drilling block by October 1, 1957.

Attached is Schedule VII showing the Sixth Expanded Participating Area for the Mesaverde formation for the San Juan 29-7 Unit Area. This describes the Expanded Participating Area, shows the percentages 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 tracts. 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, 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 

Samuel Smith
Ass't. Manager
Lease Department

SS:RDJ:cr

cc: Attached List