

Northwest Pipeline Corporation

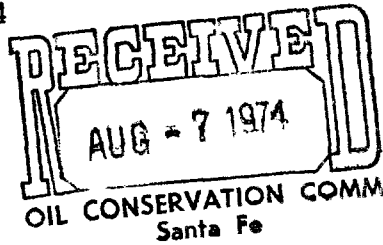


411

JOHN M. PARKER
DIRECTOR OF EXPLORATION

August 5, 1974

ONE PARK CENTRAL
SUITE 1487
DENVER, COLORADO 80202
303- 623-9303



Area Oil and Gas Supervisor
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico 88201

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 87501

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1974 Drilling Program (Revised)

Gentlemen:

The 1974 Revised Drilling Program dated June 10, 1974, for the San Juan 29-6 Unit was approved by the regulatory bodies on the following dates:

Commissioner of Public Lands	June 18, 1974
Oil Conservation Commission	June 18, 1974
United States Geological Survey	August 2, 1974

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

Very truly yours,

Betty Burnett
Supervisor of Units and Contracts

cak
Attachment
cc: Working Interest Owners

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Mr. James J. Johnston

Mr. V. A. Johnston

Koch Industries, Inc.

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

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery Association

Phillips Petroleum Company

Southern Union Production Company

Texas Pacific Oil Company, Inc. (2)

Mr. J. Glenn Turner

Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased

Union Oil Company of California

Union Texas Petroleum
Denver, Colorado

Union Texas Petroleum
Houston, Texas

Mrs. Ruth M. Vaughan

The Wiser Oil Company

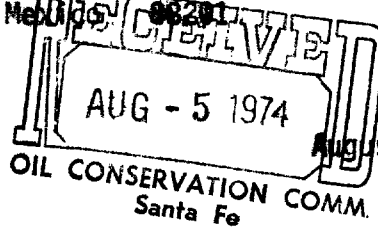


United States Department of the Interior

419

GEOLOGICAL SURVEY

P. O. Drawer 1857
Roswell, New Mexico



Northwest Pipeline Corporation
Attention: Ms. Betty Burnett
Suite 1487, One Park Central
Denver, Colorado 80202

Gentlemen:

One approved copy of your Revised 1974 plan of development for the San Juan 29-6 unit area, Rio Arriba County, New Mexico, is enclosed. Such plan, proposing the drilling of unit well No. 106 to the Dakota in sec. 31, T. 29 N., R. 6 W., to prevent drainage of unitized substances, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

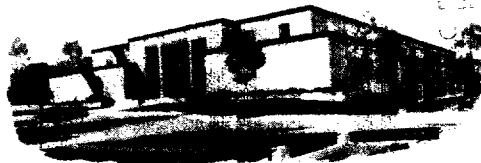
(ORIG. SGD.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

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

JAG:td

State of New Mexico



TELEPHONE
305-827-2748



Commissioner of Public Lands

ALEX J. ARMIJO
COMMISSIONER

June 18, 1974

P. O. BOX 1148
SANTA FE, NEW MEXICO

419

Northwest Pipeline Corporation
One Park Central Suite 1487
Denver, Colorado 80202

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
1974 Drilling Program (Revised)

Attention Betty Burnett

Gentlemen:

The Commissioner of Public Lands has this date approved your revised 1974 Drilling Program for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of Well No. 106 in the S/2 of Section 31, Township 29 North, Range 6 West, Dakota Formation. 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.

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

Very truly yours,

RAY D. GRAHAM, DIRECTOR
OIL AND GAS DIVISION

AJA:RDG:rz
Enclosure

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

John

419

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

June 18, 1974

C
O
P
Y

Northwest Pipeline Corporation
One Park Central, Suite 1487
Denver, Colorado 80202

ATTENTION: Betty Burnett

Re: 1974 Drilling Program (Revised)
San Juan 29-6 Unit, Rio Arriba
County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Revised Drilling Program for the calendar year 1974 providing for the drilling of a Dakota well for the San Juan 29-6 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,

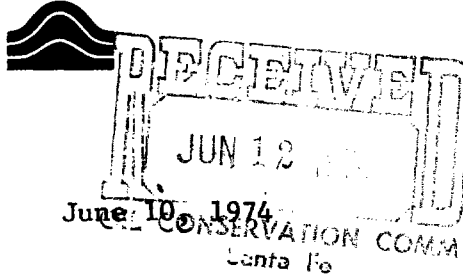
A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

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

Northwest Pipeline Corporation

JOHN M. PARKER
DIRECTOR OF EXPLORATION



ONE PARK CENTRAL
SUITE 1487
DENVER, COLORADO 80202
303- 623-9303

Mr. N.O. Frederick
Area Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Attention Mr. Ray D. Graham
P.O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commissioner
State of New Mexico
Attention: Mr. A. L. Porter Jr.
P.O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1974 Drilling Program (Revised)

By letter dated January 25, 1974, El Paso Natural Gas Company, the then Unit operator, filed a drilling program providing for no wells.

We have received a demand for development from the U.S.G.S. for a Dakota well in Section 31-29N-6W. As Unit operator, Northwest Pipeline proposes to satisfy this offset obligation by drilling the following well 1974:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
106	S/2 Section 31-29N-6W	Dakota

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 Northwest Pipeline Corporation.

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

Very truly yours,

Betty Burnett
Betty Burnett

Supervisor of Contracts & Units

SAN JUAN 29-6 UN1.

Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Mr. James J. Johnston

Mr. V. A. Johnston

Koch Industries, Inc.

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

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery Association

Phillips Petroleum Company

Southern Union Production Company

Texas Pacific Oil Company, Inc. (2)

Mr. J. Glenn Turner

Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased

Union Oil Company of California

Union Texas Petroleum
Denver, Colorado

Union Texas Petroleum
Houston, Texas

Mrs. Ruth M. Vaughan


The Wiser Oil Company

APPROVED: _____
Acting 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: _____

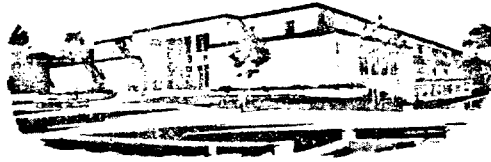
APPROVED: 
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey
and the Commissioner of Public Lands

DATE: June 18, 1974

This approval is for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County,
New Mexico, 1974 Drilling Program. (Revised June 10, 1974)

State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands

ALEX J. ARMIJO
COMMISSIONER

March 27, 1974

P. O. BOX 1148
SANTA FE, NEW MEXICO

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

Re: RESIGNATION AND DESIGNATION
OF UNIT OPERATOR
Cox Canyon Unit
San Juan 29-5 Unit
San Juan 29-6 Unit ✓
San Juan 30-5 Unit
San Juan 31-6 Unit
San Juan 32-7 Unit
San Juan 32-8 Unit

ATTENTION: Mr. James R. Permenter

Gentlemen:

The Commissioner of Public Lands has this date approved the resignation of El Paso Natural Gas Company as Unit Operator and the designation of Northwest Pipeline Corporation to succeed El Paso as Unit Operator of the captioned Units.

Your letter states that you are submitting the Resignation and Designation for the San Juan 32-5 Unit. However, it was not enclosed with the rest of the instruments. Please submit the proper instruments for this particular unit.

Two approved copies of the instrument are returned herewith.

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 ✓

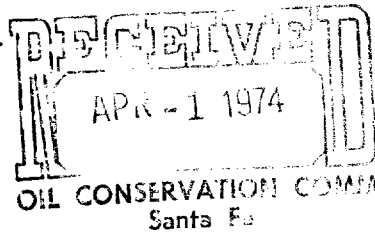
Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City, Utah 87111

El Paso Natural Gas Company

El Paso, Texas 79978

411

March 27, 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 29-6 Unit #14-08-001-439
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	-	March 13, 1974
Commissioner of Public Lands	-	January 31, 1974
Oil Conservation Commission	-	January 29, 1974

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

Yours very truly,

A handwritten signature in cursive script that reads "Alan Alexander".

Alan Alexander
Landman
Land Department
Energy Resource Development

AA:1j
SJ 29-6 Unit 3.0

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 26, 1974

419

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

Attention: Mr. T. W. Bittick

Re: Change of Unit Operator
San Juan 29-6 Unit,
Rio Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the resignation of El Paso Natural Gas Company as Unit Operator and the designation of Northwest Pipeline Corporation to succeed El Paso as Unit Operator of the San Juan 29-6 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 instrument are 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

Northwest Pipeline Corporation (with attachments)
P. O. Box 1526
Salt Lake City, Utah 84111

C
O
P
Y



United States Department of the Interior

GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

417

March 12, 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 29-6 unit area, Rio Arriba County, New Mexico, wherein you propose the drilling of no additional wells and affirm 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.

Three approved copies of the plan are enclosed.

Sincerely yours,

(LONG SIG) CARL C. TRAYWICK

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

State of New Mexico

TELEPHONE
505-827-2743



Commissioner of Public Lands

January 31, 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 79999

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
1974 DRILLING PROGRAM

ATTENTION: Mr. D. W. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1974 Drilling Program for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of no wells during 1974. 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.

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

Very truly yours,

RAY D. GRAMAM, Director
Oil and Gas Department

AJA/RDG/s
encls.
cc:

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 29, 1974

417

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79973

Attention: Mr. D. N. Canfield

Re: 1974 Drilling Program
San Juan 29-6 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 providing for the drilling of no wells for the San Juan 29-6 Unit, Rio Arriba County, 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, New Mexico

United States Geological Survey
Roswell, New Mexico

C
O
P
Y

El Paso Natural Gas Company

El Paso, Texas 79978
January 25, 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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1974 DRILLING PROGRAM

Gentlemen:

By letter dated March 7, 1973, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned unit calling for the drilling of no wells during the 1973 calendar year.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	70
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-Commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota, Commercial	29
Dakota, Non-Commercial (includes well #105)	4
	<u>107</u>

Pursuant to Section 10 of the San Juan 29-6 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.

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

January 25, 1974

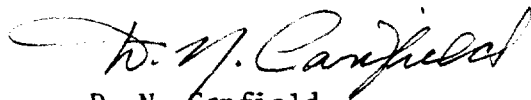
All of the working interest owners have been contacted, and this Drilling Program reflects the desires of a majority of the working interest owners. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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 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
Manager, Land Department
Energy Resource Development

DNC:AA:mcv
Enclosures
S.J. 29-6 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: *A. L. Carter J.*
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey
and the Commissioner of Public Lands

DATE: *January 29, 1974*

This approval is for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County,
New Mexico, 1974 Drilling Program.

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Mr. James J. Johnston

Mr. V. A. Johnston

Koch Industries, Inc.

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

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery Association

Phillips Petroleum Company

Southern Union Production Company

Texas Pacific Oil Company, Inc. (2)

Mr. J. Glenn Turner

Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased

Northwest Pipeline Corporation

Union Oil Company of California

Union Texas Petroleum
Denver, Colorado

Union Texas Petroleum
Houston, Texas

Mrs. Ruth M. Vaughan

The Wiser Oil Company

El Paso Natural Gas Company

El Paso, Texas 79978

December 7, 1973

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

Northwest Pipeline Corporation
Post Office Box 1526
Salt Lake City, Utah 84111

TO ALL WORKING INTEREST OWNERS

Re: San Juan 29-6 Unit

Gentlemen:

On June 16, 1972, the United States District Court for the District of Colorado, in Civil Action C-2626, ordered that certain assets and properties of El Paso Natural Gas Company ("El Paso") be divested to Northwest Pipeline Corporation ("Northwest"). This order was affirmed by the United States Supreme Court on March 5, 1973. On September 21, 1973, the Federal Power Commission issued an order authorizing Northwest to acquire and operate the assets and properties to be divested and recognizing Northwest as successor to El Paso's interests in these assets. On October 19, 1973, the District Court entered its final order directing that the divestiture be completed forthwith. The properties and assets consist primarily of El Paso's Northwest Division gas system, much of which was formerly owned by Pacific Northwest Pipeline Corporation.

Among the properties to be divested are those lands in the captioned Unit which El Paso acquired from Pacific Northwest Pipeline Corporation. In conjunction with this divestment El Paso wishes to resign as Unit Operator and Northwest wishes to succeed El Paso as Unit Operator. Upon obtaining working interest owner consent Northwest will request to be approved by the Director and the Commissioner as Successor Unit Operator.

While neither El Paso nor Northwest is certain as to specifically when Northwest will be able to replace El Paso as Unit Operator, we are both hopeful that this can be accomplished within from 60 to 90 days. For

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

this reason El Paso respectfully requests that you waive the six (6) months waiting period called for in Paragraph 4 of the Unit Agreement and further consent to the Successor Unit Operator replacing El Paso as Unit Operator immediately upon qualification and approval.

Northwest respectfully requests your consent to succeed El Paso as Unit Operator. Please evidence your agreement to these requests by signing and returning a copy of this letter to each of the undersigned.

EL PASO NATURAL GAS COMPANY

BY:

T. W. Pettit
Attorney-in-Fact

NORTHWEST PIPELINE CORPORATION

BY:

John A. McMillan

AGREED TO this 13 day of
DECEMBER, 1973.

AMERICAN PETROFINA COMPANY OF TEXAS

BY:

W. Tucker

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

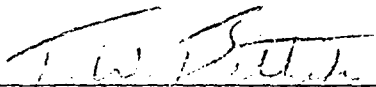
December 7, 1973

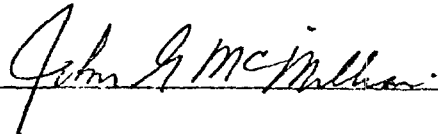
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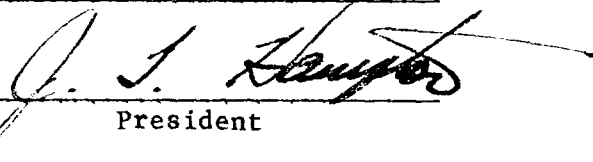
EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: 
Attorney-in-Fact

BY: 

AGREED TO this 7th day of
January, 1974.

BETA DEVELOPMENT CO.
BY: 
President

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

this reason El Paso respectfully requests that you waive the six (6) months waiting period called for in Paragraph 4 of the Unit Agreement and further consent to the Successor Unit Operator replacing El Paso as Unit Operator immediately upon qualification and approval.

Northwest respectfully requests your consent to succeed El Paso as Unit Operator. Please evidence your agreement to these requests by signing and returning a copy of this letter to each of the undersigned.

EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY:

T. W. Bick
Attorney-in-Fact

BY:

John G. McMillan

AGREED TO this 31 day of
December, 1973.

John G. McMillan

BY:

R. T. Bick
R. T. BICK, PRESIDENT

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

this reason El Paso respectfully requests that you waive the six (6) months waiting period called for in Paragraph 4 of the Unit Agreement and further consent to the Successor Unit Operator replacing El Paso as Unit Operator immediately upon qualification and approval.

Northwest respectfully requests your consent to succeed El Paso as Unit Operator. Please evidence your agreement to these requests by signing and returning a copy of this letter to each of the undersigned.

EL PASO NATURAL GAS COMPANY

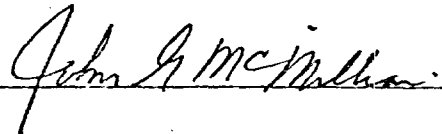
BY:



Attorney-in-Fact

NORTHWEST PIPELINE CORPORATION

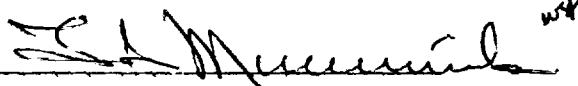
BY:



AGREED TO this 11th day of
December, 1973.

SOUTHERN UNION PRODUCTION COMPANY

BY:



L. S. Muennink, Senior Vice President

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

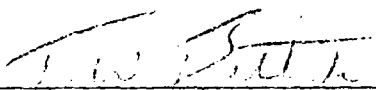
December 7, 1973

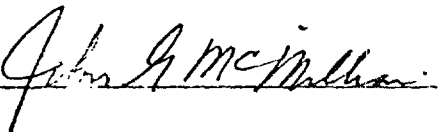
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Northwest respectfully requests your consent to succeed El Paso as Unit Operator. Please evidence your agreement to these requests by signing and returning a copy of this letter to each of the undersigned.

EL PASO NATURAL GAS COMPANY

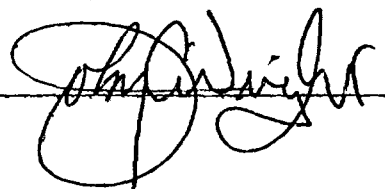
NORTHWEST PIPELINE CORPORATION

BY: 
Attorney-in-Fact

BY: 

AGREED TO this 27 day of
December, 1973.

THE WISER OIL COMPANY

BY:  President

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

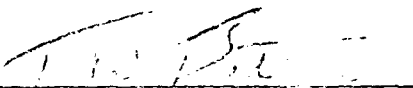
December '7, 1973

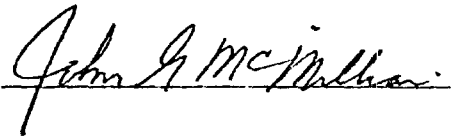
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Northwest respectfully requests your consent to succeed El Paso as Unit Operator. Please evidence your agreement to these requests by signing and returning a copy of this letter to each of the undersigned.

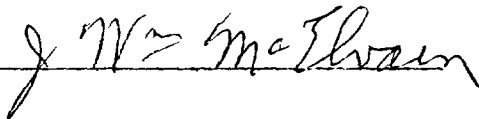
EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: 
Attorney-in-Fact

BY: 

AGREED TO this 27 day of
December, 1973.



BY: _____

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

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EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: *T. W. Rutt*
Attorney-in-Fact

BY: *John G. McMillan*

AGREED TO this 27 day of
December, 1973.

Rutt W. Vaughan

BY: _____

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

this reason El Paso respectfully requests that you waive the six (6) months waiting period called for in Paragraph 4 of the Unit Agreement and further consent to the Successor Unit Operator replacing El Paso as Unit Operator immediately upon qualification and approval.

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EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY:

T. W. Pittman
Attorney-in-Fact

BY:

John G. McMillan

AGREED TO this 18th day of
Dec., 1973.

T. H. McElvain Oil & Gas Properties

BY:

T. H. McElvain, Jr.

Catherine M. Harvey.

Catherine B. McElvain

To All Working Interest Owners
San Juan 29-6 Unit
Page Two


December 7, 1973

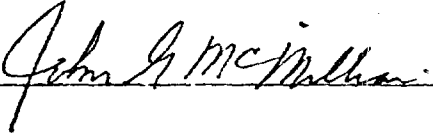
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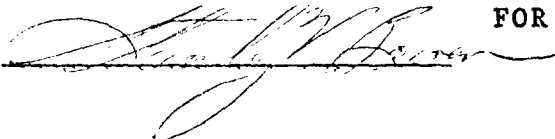
EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: 
Attorney-in-Fact

BY: 

AGREED TO this _____ day of _____, 1973.

THE FIRST NATIONAL BANK OF FORT WORTH TRUSTEE
FOR EULA MAY JOHNSTON
BY: 

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

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EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: *T. W. Patten*
Attorney-in-Fact

BY: *John G. McMillan*

AGREED TO this _____ day of _____, 1973.

V. A. Johnston Family Trust

BY: *Katherine Prewitt* Co-Trustee

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

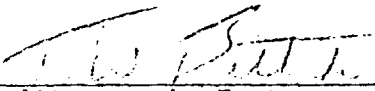
December 7, 1973

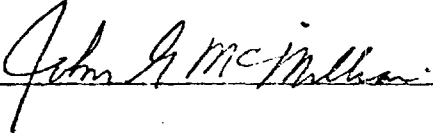
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EL PASO NATURAL GAS COMPANY

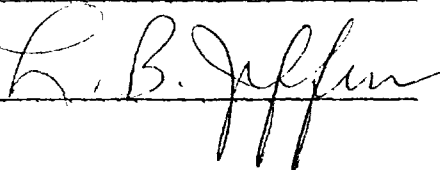
NORTHWEST PIPELINE CORPORATION

BY: 
Attorney-in-Fact

BY: 

AGREED TO this 13 day of
December, 1973.

TEXAS PACIFIC OIL CO., INC.

BY: 

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

this reason El Paso respectfully requests that you waive the six (6) months waiting period called for in Paragraph 4 of the Unit Agreement and further consent to the Successor Unit Operator replacing El Paso as Unit Operator immediately upon qualification and approval.

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EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: T. W. Fitts
Attorney-in-Fact

BY: John G. McMillan

AGREED TO this 14th day of
December, 1973.

Debra Jean Stewart

BY: _____

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

this reason El Paso respectfully requests that you waive the six (6) months waiting period called for in Paragraph 4 of the Unit Agreement and further consent to the Successor Unit Operator replacing El Paso as Unit Operator immediately upon qualification and approval.

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EL PASO NATURAL GAS COMPANY

BY:

T. W. PITH
Attorney-in-Fact

NORTHWEST PIPELINE CORPORATION

BY:

John G. McMillan

AGREED TO this 13TH day of
DECEMBER, 1973.

AZTEC OIL & GAS COMPANY

BY:

Kenneth A. Swanson
Vice President

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

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EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: T. W. Pritch
Attorney-in-Fact

BY: John A. McMillan

AGREED TO this 12th day of
Dec., 1973.

Carl R. McEwan Estate

BY: James H. H., executor

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

this reason El Paso respectfully requests that you waive the six (6) months waiting period called for in Paragraph 4 of the Unit Agreement and further consent to the Successor Unit Operator replacing El Paso as Unit Operator immediately upon qualification and approval.

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EL PASO NATURAL GAS COMPANY

BY:

T. W. Pettit
Attorney-in-Fact

NORTHWEST PIPELINE CORPORATION

BY:

John G. McMillan

AGREED TO this 12th day of
December, 1973.

PHILLIPS PETROLEUM COMPANY

BY:

M. M. Beck

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

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EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: *T. W. Pritchard*
Attorney-in-Fact

BY: *John G. McMillan*

AGREED TO this 12 day of
Dec, 1973.

Arrow Prod Co
BY: *R. Hunter*
Its Attorney in Fact

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

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EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: T. W. Pittman
Attorney-in-Fact

BY: John A. McMillan

AGREED TO this 7th day of
January, 1973.

ATLANTIC RICHFIELD COMPANY

BY: C. S. Candwell Jr.
ATTORNEY-IN-FACT

[Handwritten initials]
C.S.C.



December 7, 1973

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EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: *[Signature]*
Attorney-in-Fact

BY: *[Signature]*

AGREED TO this 17th day of
December, 1973.

UNION OIL COMPANY OF CALIFORNIA

BY: *[Signature]*
Attorney-in-Fact

[Handwritten mark]

EVIDENCE OF AUTHORITY OF ATTORNEY-IN-FACT IS FILED IN NM - 0558400 AND SUCH AUTHORITY IS VALID IN THE STATE OF N.M.

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

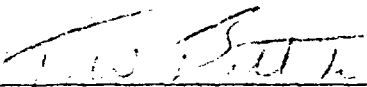
December 7, 1973

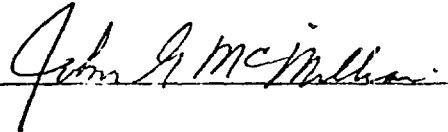
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EL PASO NATURAL GAS COMPANY


NORTHWEST PIPELINE CORPORATION

BY: 
Attorney-in-Fact

BY: 

AGREED TO this 12 day of
December, 1973.

UNION TEXAS PETROLEUM, a Division of
Allied Chemical Corporation

BY: 

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973

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EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: T. W. Patten
Attorney-in-Fact

BY: John G. McMillan

AGREED TO this 10 day of
Dec, 1973.

JAMES J. JOHNSTON

BY: James J. Johnston

To All Working Interest Owners
San Juan 29-6 Unit
Page Two

December 7, 1973


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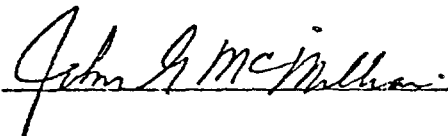
EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY:


Attorney-in-Fact

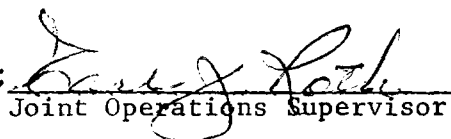
BY:



AGREED TO this 11th day of
December, 1973.

National Cooperative
Refinery Association

BY:


Joint Operations Supervisor

To All Working Interest Owners
San Juan 29-6 Unit
Page Two


December 7, 1973

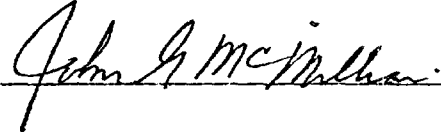
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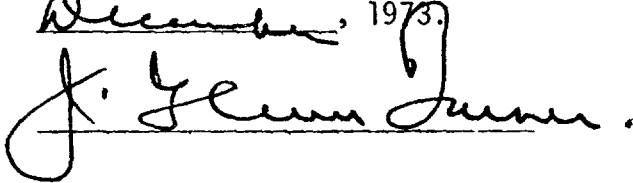
EL PASO NATURAL GAS COMPANY

NORTHWEST PIPELINE CORPORATION

BY: 
Attorney-in-Fact

BY: 

AGREED TO this 10th day of
December, 1973.



BY: _____

RESIGNATION OF UNIT OPERATOR AND
DESIGNATION OF SUCCESSOR UNIT OPERATOR

WHEREAS, on September 8, 1952, that certain Unit Agreement for the Development and Operation of the San Juan 29-6 Unit Area located in Rio Arriba County, New Mexico, was entered into by parties owning interests in the acreage embraced in said Unit Area, and, thereafter, said Unit Agreement was duly approved by the Commissioner of Public Lands of the State of New Mexico on October 15, 1952, by the Oil Conservation Commission of the State of New Mexico on October 20, 1952 and by the United States Geological Survey on December 5, 1952; and

WHEREAS, on December 31, 1959, Pacific Northwest Pipeline Corporation was merged with and into El Paso Natural Gas Company, and El Paso Natural Gas Company, as the surviving corporation accepted and assumed the duties of Successor Unit Operator in accordance with the provisions of the Unit Agreement; and

WHEREAS, on June 16, 1972, the United States District Court for the District of Colorado, in Civil Action C-2626, ordered that certain assets and properties of El Paso Natural Gas Company which had been acquired by El Paso Natural Gas Company from Pacific Northwest Pipeline Corporation be divested to Northwest Pipeline Corporation, and included in said properties were certain lands and interests in the San Juan 29-6 Unit. The District Court Order was affirmed by the United States Supreme Court on March 5, 1973. On September 21, 1973, the Federal Power Commission issued an order authorizing Northwest Pipeline Corporation to acquire and operate the assets and properties to be divested and recognizing Northwest Pipeline Corporation as successor in interest to El Paso Natural Gas Company as to such assets and properties. On October 19, 1973, the District Court entered its final order directing that the divestiture be completed forthwith; and

WHEREAS, by instruments dated January 31, 1974, El Paso Natural Gas Company did transfer and convey unto Northwest Pipeline Corporation certain assets and properties including lands and interests within the San Juan 29-6 Unit; and

WHEREAS, in accordance with the terms and provisions of the San Juan 29-6 Unit Agreement, El Paso Natural Gas Company has procured the

necessary consent from interest owners in the San Juan 29-6 Unit to resign as Unit Operator and Northwest Pipeline Corporation has procured the necessary consent from said owners to replace El Paso Natural Gas Company as Operator of the San Juan 29-6 Unit, and evidence of such consent is attached hereto.

NOW THEREFORE, this instrument evidences the following:

1. Effective January 31, 1974, at 11:59 P.M. Mountain Daylight Saving Time, El Paso Natural Gas Company does hereby resign as Operator under the Unit Agreement for the Development and Operation of the San Juan 29-6 Unit Area, Rio Arriba County, New Mexico, and agrees to settle and discharge all liabilities, obligations and responsibilities, if any, incurred by it as Unit Operator prior to the date and time of resignation.

2. Effective January 31, 1974, at 11:59 P.M. Mountain Daylight Saving Time, Northwest Pipeline Corporation does hereby accept and assume the duties and responsibilities of Unit Operator of the San Juan 29-6 Unit and agrees to serve in such capacity until its designation as Unit Operator shall be terminated in accordance with said Unit Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this instrument effective as of 11:59 P.M. Mountain Daylight Saving Time, January 31, 1974.

UNIT OPERATOR AND WORKING INTEREST OWNER
EL PASO NATURAL GAS COMPANY

BY: *T. W. Butcher*
Attorney-in-Fact

SUCCESSOR UNIT OPERATOR AND WORKING
INTEREST OWNER

NORTHWEST PIPELINE CORPORATION

BY: *R. F. Bailey*
Vice President

ATTEST:

BY: *Francis A. Walters*
Secretary

Approved *March 26* 19 *74*

A. G. Carter
Secretary-Treasurer

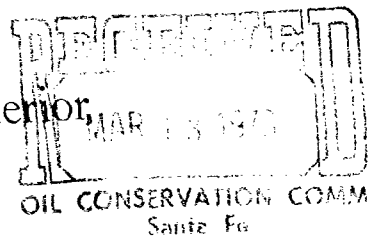
NEW MEXICO OIL CONSERVATION COMMISSION



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201



March 12, 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 for the San Juan 29-6 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,

(ORIG. SGD.) CARL C. TRAYWICK

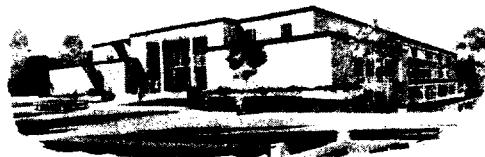
CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

cc:
Reg. 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:lh

State of New Mexico

779
TELEPHONE
505-827-2746



Commissioner of Public Lands

March 9, 1973

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 29-6 Unit
Rio Arriba County, New Mexico
1973 Drilling Program

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1973 Drilling Program for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of no wells during 1973. 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.

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

Very truly yours,

RAY D. GRAMM, Director
Oil and Gas Department

AJA/REG/s
encls.

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

OIL CONSERVATION COMMISSION

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

March 9, 1973

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

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

419

Attention: Mr. D. N. Canfield

Re: 1973 Drilling Program
San Juan 29-6 Unit,
Rio Arriba County,
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Drilling Program for the calendar year 1973 for the San Juan 29-6 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

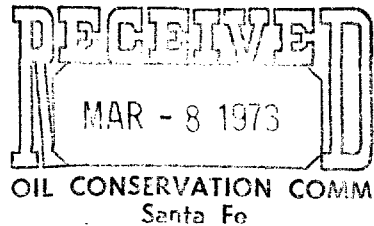
cc: United States Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79978

March 7, 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 87501

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

Re: San Juan 29-6 Unit #14-08-001-439
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 calling for the drilling of four Dakota wells and one Mesaverde well during 1972. Mesaverde well #4-Y was drilled and completed within the existing Mesaverde Participating Area. Dakota Wells #104 and 107 were drilled and completed within the existing Dakota Participating Area. Well #105 was drilled and fraced but is unable to produce. We are contemplating an exploratory type remedial operation and if all remedial measures are unsuccessful we will plug and abandon the well. Well #106 was deleted from the drilling program and will not be drilled.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	70
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-Commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota, Commercial	29
Dakota, Non-Commercial (includes well #105)	4
	<u>107</u>

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

March 7, 1973

Pursuant to Section 10 of the San Juan 29-6 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 no wells during the year.

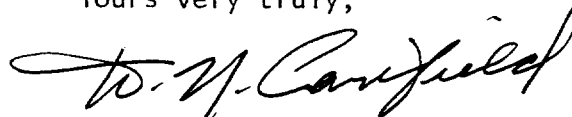
All of the working interest owners have been contacted, and this Drilling Program reflects the desires of a majority of the working interest owners. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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 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
Manager, Land Department
Energy Resource Development

DNC:DI:dks
Enclosures
S.J. 29-6 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: March 7, 1973

This approval is for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County,
New Mexico, 1973 Drilling Program.

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Mr. James J. Johnston

Mr. V. A. Johnston

Kock Industries

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

Mr. J. William McEvlain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery Association

Phillips Petroleum Company

Texas Pacific Oil Company, Inc. (2)

Mr. J. Glenn Turner

Mr. James E. McElvain, Executor for
the Estate of Carl R. McEvlain, Deceased

Union Oil Company of California

Union Texas Petroleum
Denver, Colorado

Union Texas Petroleum
Houston, Texas

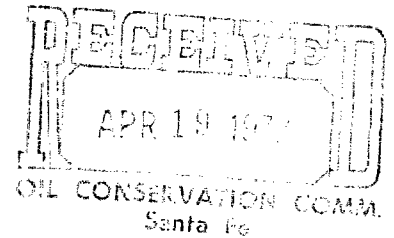
Mrs. Ruth M. Vaughan

The Wiser Oil Company

El Paso Natural Gas Company

El Paso, Texas 79978

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 29-6 Unit
Rio Arriba County, New Mexico
1972 Drilling Program

Gentlemen:

The 1972 Drilling Program for the San Juan 29-6 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,

A handwritten signature in cursive script that reads "Dick Isaacks".

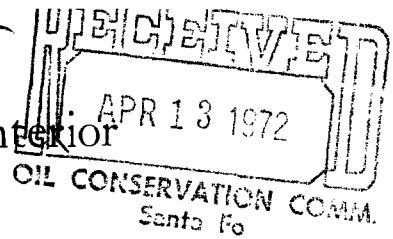
Dick Isaacks
Senior Landman
Land Department
Energy Resource Development

DI:lj
S.J. 29-6 Unit - 3.0



United States Department of the Interior

GEOLOGICAL SURVEY



Drawer 1857
Roswell, New Mexico 88201

April 11, 1972

419

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 29-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of one Mesaverde well and four Dakota 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,

(Signature)

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

419

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

Attention: Mr. T. W. Bittick

Re: 1972 Drilling Program
San Juan 29-6 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 five wells during the calendar year 1972 for the San Juan 29-6 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

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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 29-6 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 29-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of five 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.

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

Very truly yours,

**RAY D. GRAHAM, Director
Oil and Gas Department**

**AJA/RDG/s
encl.**

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

El Paso Natural Gas Company

El Paso, Texas 79999

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 29-6 Unit #14-08-001-439
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 calling for the drilling of four (4) Dakota wells during 1971. By letter dated May 13, 1971, El Paso Natural Gas Company, as Unit Operator, filed a Supplemental Drilling Program providing for the drilling of one Mesaverde well during 1971. Each of these wells was timely drilled and caused no expansion of the Dakota and Mesaverde Participating Areas.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	69
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-Commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota, Commercial	27
Dakota, Non-Commercial	3
	<u>103</u>

Pursuant to Section 10 of the San Juan 29-6 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:

March 6, 1972

<u>Well No.</u>	<u>Location</u>	<u>Formation</u>
4-Y	E/2 Sec. 17, T-29-N, R-6-W	Mesaverde
104	S/2 Sec. 14, T-29-N, R-6-W	Dakota
105	W/2 Sec. 28, T-29-N, R-6-W	Dakota
106	S/2 Sec. 31, T-29-N, R-6-W	Dakota
107	W/2 Sec. 36, T-29-N, R-6-W	Dakota

Dakota Wells #104 and #107 will be drilled inside the existing Dakota Participating Area. Dakota Wells #105 and #106 will be located on spacing units outside of the existing Dakota Participating Area in order to extend the limits of the Participating Area. Mesaverde Well #4-Y will be drilled to replace the San Juan 29-6 Unit Well #4 which is temporarily abandoned and which will be permanently abandoned during 1972.

All of the working interest owners have been contacted, and this Drilling Program reflects the desires of a majority of the working interest owners. 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 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,



T. W. Bittick
 Director of Exploration
 Energy Resource Development

TWB:DI:ks
 Enclosures
 S.J. 29-6 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. H. Porter, Jr.*
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

DATE: *March 28, 1972*

This approval is for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County,
New Mexico, 1972 Drilling Program.

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Mr. James J. Johnston

Mr. V. A. Johnston

Koch Industries, Inc.

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

Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery Association

Phillips Petroleum Company

Southern Union Production Company

Texas Pacific Oil Company, Inc. (2)

Mr. J. Glenn Turner

Union Oil Company of California

Union Texas Petroleum
Denver, Colorado

Union Texas Petroleum
Houston, Texas

Mrs. Ruth M. Vaughan

The Wiser Oil Company

El Paso Natural Gas Company

El Paso, Texas 79999

July 28, 1971

71 JUL 29 AM 8 13

419

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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
SUPPLEMENTAL 1971 DRILLING PROGRAM

Gentlemen:

This is to advise that the captioned Revision for the referenced Unit, was approved by the Regulatory Bodies on the following dates:

United States Geological Survey	-	July 20, 1971
Oil Conservation Commission	-	May 28, 1971
Commissioner of Public Lands	-	May 14, 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
Energy Resource Development

DI:ra
S.J. 29-6 Unit



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

IN REPLY REFER TO:

July 22 11 11 AM '71
July 20, 1971

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

Attention: Mr. T. W. Bittick

Gentlemen:

Your supplemental 1971 plan of development for the San Juan 29-6 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)

N. O. FREDERICK
Regional Oil and Gas Supervisor

cc:

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

May 28, 1971

419

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

Attention: Mr. T. W. Bittick

Re: Supplemental 1971 Drilling
Program, San Juan 29-6
Unit, Rio Arriba County,
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Supplemental Drilling Program dated May 13, 1971, for the San Juan 29-6 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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13 JUN 17 11 11 AM '71

419

May 14, 1971

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

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
SUPPLEMENTAL DRILLING PROGRAM
for 1971

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1971 Supplemental Drilling Program for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of a Mesaverde Well, #8-Y in place of the Unit #8 well which was plugged and abandoned on February 7, 1963. 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.

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

Sincerely yours,

GORDON G. MARCUM, II, Director
Oil and Gas

AJA/GGM/s
encl.

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

El Paso Natural Gas Company

El Paso, Texas 79999

May 13, 1971

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

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

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

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
SUPPLEMENTAL 1971 DRILLING PROGRAM

Gentlemen:

By letter dated January 6, 1971, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program for the captioned Unit providing for the drilling of four (4) Dakota wells during the calendar year 1971. Pursuant to Section 10 of the San Juan 29-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Supplemental Drilling Program which provides for the drilling of the San Juan 29-6 Unit #8-Y Mesaverde well in the W/2 of Section 1, Township 29 North, Range 6 West, N.M.P.M. This well will be drilled to replace the San Juan 29-6 Unit #8 well that was plugged and abandoned on February 7, 1963.

All of the working interest owners have been contacted, and the Supplemental Drilling Program reflects the desires of a majority of these working interest owners.

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

May 13, 1971

El Paso Natural Gas Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells 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,



T. W. Bittick
Director
Lands and Administration
Energy Resource Development

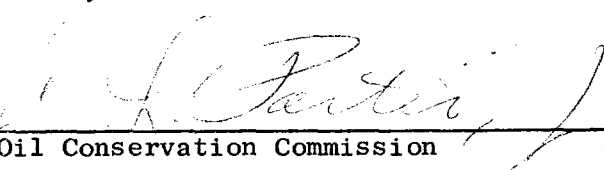
TWB:DI:nja
Enclosures
San Juan 29-6, 3.0

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

DATE: May 28, 1971

The foregoing approvals are for the Supplemental 1971 Drilling Program for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County, New Mexico.

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company

Atlantic Richfield Company

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of
Texas

Mrs. Veva Jean Gibbard

Mr. James J. Johnston

Mr. V. A. Johnston

Koch Industries, Inc.

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

Mr. James E. McElvain,
Executor for the Estate of
Carl R. McElvain, Deceased

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery
Association

Phillips Petroleum Company

Southern Union Production Company

Texas Pacific Oil Company, Inc.

Mr. J. Glenn Turner

Union Oil Company of California

Union Texas Petroleum
Denver, Colorado

Union Texas Petroleum
Houston, Texas

Mrs. Ruth M. Vaughan

The Wiser Oil Company

El Paso Natural Gas Company

El Paso, Texas 79999

February 10, 1971

419

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 29-6 Unit #14-08-001-439
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 20, 1971
Oil Conservation Commission	-	January 22, 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:nja
SJ 29-6, 3.0



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

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1971

January 26, 1971

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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 29-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of four Dakota 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.) N. O. FREDERICK
N. O. FREDERICK
Regional Oil and Gas Supervisor

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 22, 1971

419

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

Attention: Mr. T. W. Bittick

Re: 1971 Drilling Program
San Juan 29-6 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 four Dakota wells in the San Juan 29-6 Unit Area, 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

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MAIN OFFICE 3000

71 JAN 21 PM 1 13

January 20, 1971

419

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

Re: San Juan 29-6 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 29-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of four Dakota wells during 1971. 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.

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

Sincerely yours,

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

AJA/GGM/s
encl.

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
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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1971 DRILLING PROGRAM

Gentlemen:

By letter dated January 9, 1970, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned unit calling for the drilling of three (3) Dakota wells during 1970. These wells were timely drilled and did not cause an expansion of the Dakota Participating Area.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	68
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-Commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota, Commercial	23
Dakota, Non-Commercial	3
	<u>98</u>

January 6, 1971

Pursuant to Section 10 of the San Juan 29-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1971 providing for the drilling of the following wells during the year:

<u>Well No.</u>	<u>Location</u>	<u>Formation</u>
82	E/2 Sec. 25, T-29-N, R-6-W	Dakota
101	E/2 Sec. 36, T-29-N, R-6-W	Dakota
102	E/2 Sec. 10, T-29-N, R-6-W	Dakota
103	N/2 Sec. 11, T-29-N, R-6-W	Dakota

Each of these wells is located within the limits of the existing Dakota Participating Area.

El Paso Natural Gas Company intends to drill these wells to the base of the Dakota Formation using rotary tools. Surface casing will be set to the depth of approximately 200', and an intermediate string will be run through the Pictured Cliffs Formation to a depth of approximately 3550', and then a production casing string will be run to the base of the Dakota Formation, which is estimated to be approximately 8150'. The casing in the Dakota Formation will then be perforated and the Dakota Formation subjected to a hydraulic fracturing process. Mud will be used in setting the intermediate string of casing when said casing is run, and the hole below the intermediate string of casing 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 the desires of a majority of the working interest owners. 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 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.

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

January 6, 1971

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

Yours very truly,



T. W. Bittick
Manager
Land Department

TWB:DI:nja
Enclosures
S.J. 29-6 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: *(Signature)*
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

DATE: *January 22, 1971*

This approval is for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County,
New Mexico, 1971 Drilling Program.

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas	Mr. J. Glenn Turner
Atlantic Richfield Company (3)	Union Oil Company of California
Aztec Oil & Gas Company	Union Texas Petroleum Denver, Colorado
Beta Development Company	Union Texas Petroleum Houston, Texas
Mr. Tom Bolack	
First National Bank of Ft. Worth, Trustee U/A/W Eula May Johnston	Mrs. Ruth M. Vaughan
General American Oil Company of Texas	
Mrs. Veva Jean Gibbard	
Mr. James J. Johnston	
Mr. V. A. Johnston	
Koch Industries, Inc.	
Mrs. Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain, Deceased	
Mr. James E. McElvain, Executor for the Estate of Carl R. McElvain, Deceased	
Mr. J. William McElvain	
Mr. Forrest B. Miller and Mabelle M. Miller	
National Cooperative Refinery Association	
Pan American Petroleum Corporation (3)	
Phillips Petroleum Company	
Southern Petroleum Exploration, Inc.	
Southern Union Production Company	
Texas Pacific Oil Company, Inc. (2)	

El Paso Natural Gas Company

El Paso, Texas 79999

February 4, 1970

419

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: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1970 DRILLING PROGRAM

Gentlemen:

The 1970 Drilling Program dated January 9, 1970 for the referenced Unit was approved by the Regulatory Bodies on the dates indicated below:

United States Geological Survey	-	January 29, 1970
Commissioner of Public Lands	-	January 15, 1970
Oil Conservation Commission	-	January 22, 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:nja
SJ 29-6, 3.0

MAIN OFFICE OIL
FEB 2 AM 8 22

Drawer 1857
Roswell, New Mexico 88201

January 29, 1970

419

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 29-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of three Dakota 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)
- 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 22, 1970

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

419

Attention: Mr. T. W. Bittick

Re: 1970 Drilling Program
San Juan 29-6 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 1970 providing for the drilling of three Dakota wells in San Juan 29-6 Unit Area, 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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JAN 19 1970

January 15, 1970

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

Re: San Juan 29-6 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 29-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of three Dakota wells during 1970.

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

TB/ML/s
encls.

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

C
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JAN 12 1970

El Paso Natural Gas Company

El Paso, Texas 79999

January 9, 1970

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
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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1970 DRILLING PROGRAM

Gentlemen:

By letter dated March 5, 1969, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned unit calling for the drilling of two (2) Dakota wells during 1969. These wells were timely drilled and did not cause an expansion of the Dakota Participating Area.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	68
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota, Commercial	20
Dakota, Non-commercial	<u>3</u>
	95

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

January 9, 1970

Pursuant to Section 10 of the San Juan 29-6 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 wells during the year:

<u>Well No.</u>	<u>Location</u>	<u>Formation</u>
98	SW/4 Sec. 26, T-29-N, R-6-W	Dakota
99	NE/4 Sec. 34, T-29-N, R-6-W	Dakota
100	NE/4 Sec. 35, T-29-N, R-6-W	Dakota

Each of these wells is located within the limits of the existing Dakota Participating Area.

El Paso Natural Gas Company intends to drill these wells to the base of the Dakota Formation using rotary tools. Surface casing will be set to the depth of approximately 200', and an intermediate string will be run through the Pictured Cliffs Formation to a depth of approximately 3900', and then a production casing string will be run to the base of the Dakota Formation, which is estimated to be approximately 7800'. The casing in the Dakota Formation will then be perforated and the Dakota Formation subjected to a hydraulic fracturing process. Mud will be used in setting the intermediate string of casing when said casing is run, and the hole below the intermediate string of casing 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 the desires of a majority of the working interest owners. 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 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.

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

January 9, 1970

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

Yours very truly,



T. W. Bittick
Manager
Land Department

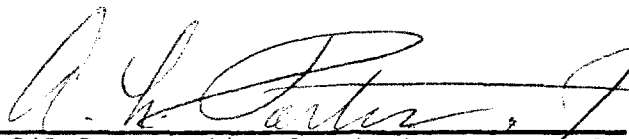
TWB:DI:nja
Enclosures
SJ 29-6, 3.0

APPROVED: _____
Oil and Gas 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: January 22, 1970

The foregoing approvals are for the 1970 Drilling Program for the
San Juan 29-6 Unit #14-08-001-439, Rio Arriba County, New Mexico.

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Estate of Ralph A. Johnston

Mr. V. A. Johnston

Koch Industries, Inc.

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

Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery Association

Pan American Petroleum Corporation (3)

Phillips Petroleum Company

Southern Petroleum Exploration, Inc.

Southern Union Production Company

Texas Pacific Oil Company, Inc. (2)

Mr. J. Glenn Turner

Union Oil Company of
California

Union Texas Petroleum (2)

Mrs. Ruth M. Vaughn

El Paso Natural Gas Company

El Paso, Texas 79999

April 2, 1969

69 APR 4 8 27

419

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

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1969 DRILLING PROGRAM

Gentlemen:

The 1969 Drilling Program dated March 5, 1969 for the referenced Unit was approved by the Regulatory Bodies on the dates indicated below:

United States Geological Survey	-	March 24, 1969
Commissioner of Public Lands	-	March 7, 1969
Oil Conservation Commission	-	March 26, 1969

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:nja
S.J. 29-6, 3.0

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 26, 1969

419

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

Attention: Mr. T. W. Bittick

Re: 1969 Drilling Program,
San Juan 29-6 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 29-6 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
O
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Y



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

969 MAR 26 AM 8 27

IN REPLY REFER TO:

March 24, 1969

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 29-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of two Dakota 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. SCD, JOHN A. ANDERSON)

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)

MAIN OFFICE 010
'69 Mar 10 AM 8 17

March 7, 1969

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

Re: San Juan 29-6 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 29-6 Unit, Rio Arriba County, New Mexico, proposing the drilling of two Dakota 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/TB/ML/s
encl. 1

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

COPY

El Paso Natural Gas Company

El Paso, Texas 79999

March 5, 1969

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
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 29-6 Unit #14-08-001-439
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 of 1968. This Program provided for the drilling of no wells and none were drilled in the subject unit during 1968.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	68
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota, Commercial	18
Dakota, Non-commercial	3
	<u>93</u>

Pursuant to Section 10 of the San Juan 29-6 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 the following wells during the year:

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

March 5, 1969

<u>Well No.</u>	<u>Location</u>	<u>Formation</u>
79	SW/4 Sec. 24, T-29-N, R-6-W	Dakota
97	SW/4 Sec. 35, T-29-N, R-6-W	Dakota

Each of these wells is located within the limits of the existing Dakota Participating Area.

El Paso Natural Gas Company intends to drill these wells to the base of the Dakota Formation using rotary tools. Surface casing will be set to the depth of approximately 200' and an intermediate string will be run through the Pictured Cliffs Formation to a depth of approximately 3500', and then a production casing string will be run to the base of the Dakota Formation, which is estimated to be approximately 7800'. The casing in the Dakota Formation will then be perforated and the Dakota Formation subjected to a hydraulic fracturing process. Mud will be used in setting the intermediate string of casing when said casing is run, and the hole below the intermediate string of casing 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 the desires of a majority of the working interest owners. 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 desirable by the Unit Operator and the working interest owners.

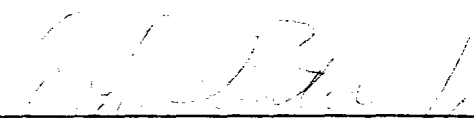
If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

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 26, 1969

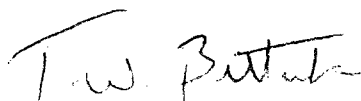
The foregoing approvals are for the 1969 Drilling Program for the San Juan 29-6
Unit, #14-08-001-439, Rio Arriba County, New Mexico.

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

March 5, 1969

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

Yours very truly,



T. W. Bittick
Manager
Land Department

TWB:DI:ec
Enclosures
SJ 29-6, 3.0

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Estate of Ralph A. Johnston

Mr. V. A. Johnston

Koch Industries, Inc.

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

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

Pan American Petroleum Corporation (3)

Phillips Petroleum Company

Sinclair Oil Corporation (3)

Southern Petroleum Exploration, Inc.

Southern Union Production Company

Texas Pacific Oil Company (2)

Mr. J. Glenn Turner

Union Oil Company of California

Union Texas Petroleum (2)

United States Smelting, Refining &
Mining Company

Mrs. Ruth M. Vaughn

State of New Mexico



Commissioner of Public Lands



August 5, 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 29-6 Unit
Exhibit "B"

ATTENTION: Mr. Charles Higgins

Gentlemen:

This will acknowledge your letter of July 31, 1968, whereby, you submitted Revised Exhibit "B" effective June 1, 1968, for the San Juan 29-6 Unit, Rio Arriba County, New Mexico.

This exhibit has been accepted for filing by the Commissioner of Public Lands as of this date.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/TB/s

encl.

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

El Paso Natural Gas Company

El Paso, Texas 79999

March 4, 1968

419

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

1968 MAR 6 AM 11 00

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

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

Re: 1968 DRILLING PROGRAM
San Juan 29-6 Unit, #14-08-001-439
Rio Arriba County, New Mexico

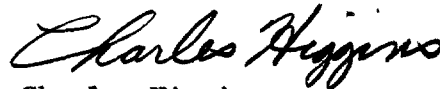
Gentlemen:

The 1968 Drilling Program for the referenced Unit was approved by the Regulatory Bodies on the dates indicated:

United States Geological Survey	-	January 29, 1968
Commissioner of Public Lands	-	January 31, 1968
Oil Conservation Commission	-	February 19, 1968

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 29-6 Unit - 3.0

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

419

February 19, 1968

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

Attention: Mr. T. W. Bittick

Re: 1968 Drilling Program
San Juan 29-6 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 29-6 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
O
P
Y

State of New Mexico



Commissioner of Public Lands



January 31, 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

1968 FEB 1 AM 10 00

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
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 29-6 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
BY:
Eddie Lopez, Supervisor
Unit Division

GBH/TB/EL/s
encl. 1.

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



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

January 29, 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 29-6 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.) 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)

HAND OFFICER
'68 JAN 31 AM 10 46

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

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

MAIL ROOM

'68 JAN 10 AM 8 41

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1968 DRILLING PROGRAM

Gentlemen:

By letter dated February 13, 1967, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on the captioned unit for the calendar year of 1967. This Program provided for the drilling of the San Juan 29-6 Unit #95 Dakota Formation Well in the S/2 of Section 34, T-29-N, R-6-W, N.M.P.M., by El Paso Natural Gas Company, as Unit Operator, on lands committed to the Unit to prevent Unit drainage. This well was completed within the limits of the Dakota Participating Area, did not occasion any further expansion of such Participating Area, and a Notice of Completion of Additional Well was filed with the Regulatory Bodies on this well.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	68
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota, Commercial	18
Dakota, Non-commercial	3
	<hr/>
	93

Pursuant to Section 10 of the San Juan 29-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year of 1968, providing for the drilling of no wells during the year.

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 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 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,



T. W. Bittick
Manager
Land Department

TWB:CTR:md
Enclosures
San Juan 29-6 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. G. Carter* DATE: *Feb 19, 1968*
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

The foregoing approvals are for the 1968 Drilling Program for the San Juan 29-6
Unit, #14-08-001-439, Rio Arriba County, New Mexico.

SAN JUAN 29-6 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

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico 87401

Beta Development Company
P. O. Box 1659
Midland, Texas 79701

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

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

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma 73086

First Natl. Bank of Ft. Worth, Trustee
U/A/W Eula May Johnston
P. O. Box 2260
Fort Worth, Texas 76101

Estate of Ralph A. Johnston
2635 Humble Building
Houston, Texas 77002

Mr. V. A. Johnston
P. O. Box 336
Ralls, Texas 79357

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

Mr. James E. McElvain, Executor for
Estate of Carl R. McElvain, Deceased
309 West Jefferson Street
Morris, Illinois 60450

Mr. J. William McElvain
310 East Jefferson Street
Morris, Illinois 60450

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

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

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas 67202

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

Southern Petroleum Exploration, Inc.
c/o Mr. John C. Wright
Box 192
Sistersville, West Virginia 26175

Texas Pacific Oil Company (2)
Attn: Mr. L. B. Jeffers
Box 747
Dallas, Texas 75221

Southern Union Production Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas 75201

Mr. J. Glenn Turner
1700 Mercantile Bank Building
Dallas, Texas 75201

Union Oil Company of California
Attn: Gas Department
1860 Lincoln Street
Denver, Colorado 80203

Union Texas Petroleum (2)
A Div. of Allied Chemical Corporation
Attention: Mr. Troy C. Simpson
Suite B-400, 1740 Broadway
Denver, Colorado 80202

United States Smelting, Refining & Mining Co.
Oil Operations
P. O. Box 1980
Salt Lake City, Utah 84110

Mrs. Ruth M. Vaughn
300 Caversham Road
Bryn Mawr, Pennsylvania 19010

El Paso Natural Gas Company

El Paso, Texas 79999

May 24, 1967

MAIL ROOM
MAY 25 1967

417

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 |

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

411

April 11, 1967

C

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

O

Attention: Mr. T. W. Bittick

Re: 1967 Drilling Program
San Juan 29-6 Unit, Rio
Arriba County, New Mexico

P

Gentlemen:

Y

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1967 Drilling Program dated February 13, 1967, for the San Juan 29-6 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

MAIN OFFICE OCC

APR 3 1967

March 31, 1967

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

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
1967 Drilling Program

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has this date approved your 1967 Drilling Program for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

This Plan calls for the drilling of one Dakota well in the S/2 of Section 34, Township 29 North, Range 6 West.

One approved copy of the plan is enclosed.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/s
encl. 1.
cc: United States Geological Survey
Roswell, New Mexico

@cc: ✓

COPY



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

March 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 February 13, 1967, for the San Juan 20-6 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.) 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

February 13, 1967

1967 FEB 17 11:11 AM

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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1967 DRILLING PROGRAM

Gentlemen:

By letter dated June 16, 1966, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program for the calendar year of 1966 covering the San Juan 29-6 Unit. This Program provided for the drilling of two Dakota wells on lands committed to the Unit by Beta Development Company, as Sub-Operator. These two wells were drilled and completed by Beta Development Company with the San Juan 29-6 Unit #80 Well (E/2 of Section 24, T-29-N, R-6-W) being determined commercial and causing the Tenth Expansion of the Dakota Participating Area effective July 1, 1966. The San Juan 29-6 Unit #96 Well (W/2 of Section 2, T-29-N, R-6-W) was declared non-commercial for unit purposes and all parties were so advised by our letter dated November 9, 1966.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	68
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota, Commercial	17
Dakota, Non-commercial	<u>3</u>
	92

El Paso Natural Gas Company plans to drill one Dakota well during 1967. This well will be drilled in the S/2 of Section 34, T-29-N, R-6-W, and will prevent unit drainage by the San Juan 28-6 Unit #117 Well.

All of the working interest owners have been contacted, and this Drilling Program reflects the desires of the majority of these working interest owners.

El Paso Natural Gas Company, as Unit Operator, will drill any additional offset wells that may be 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,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick, Manager
Land Department

TWB:AJM:jm
Enclosures

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

DATE: April 11, 1967

The foregoing approvals are for the 1967 Drilling Program for the San Juan 29-6
Unit, #14-08-001-439, Rio Arriba County, New Mexico.

SAN JUAN 29-6 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

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico 87401

Beta Development Company
P. O. Box 1659
Midland, Texas 79701

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

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

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma 73086

Estate of Eula May Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas 76101

Mr. Ralph A. Johnston
2635 Humble Building
Houston, Texas 77002

Mr. V. A. Johnston
P. O. Box 336
Ralls, Texas 79357

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

Mr. James E. McElvain
Executor for the Estate of Carl R. McElvain,
Deceased
309 West Jefferson Street
Morris, Illinois 60450

Mr. J. William McElvain
310 East Jefferson Street
Morris, Illinois 60450

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

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

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas 67202

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

Southern Petroleum Exploration, Inc.
c/o Mr. John C. Wright
Box 192
Sistersville, West Virginia 26175

Texas Pacific Oil Company (2)
Attention: Mr. L. B. Jeffers
Box 747
Dallas, Texas 75221

Southern Union Production Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas 75201

Mr. J. Glenn Turner
1700 Mercantile Bank Building
Dallas, Texas 75201

Union Oil Company of California
Attention: Gas Department
1700 Broadway
Denver, Colorado 80202

Union Texas Petroleum
A Division of Allied Chemical Corporation
Attention: Mr. Troy C. Simpson
Suite B-400, 1740 Broadway
Denver, Colorado 80202

United States Smelting, Refining & Mining Co.
Oil Operations
P. O. Box 1980
Salt Lake City, Utah 84110

Mrs. Ruth M. Vaughn
300 Caversham Road
Bryn Mawr, Pennsylvania 19010

El Paso Natural Gas Company

El Paso, Texas 79999
August 8, 1966

RECEIVED
AUG 12 1966

419

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

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

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1966 DRILLING PROGRAM

Gentlemen:

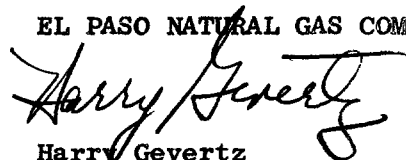
The 1966 Drilling Program for the San Juan 29-6 Unit #14-08-001-439 was approved by the regulatory bodies on the following dates:

1. United States Geological Survey - August 2, 1966.
2. Commissioner of Public Lands - June 24, 1966.
3. Oil Conservation Commission - July 21, 1966.

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

Yours very truly,

EL PASO NATURAL GAS COMPANY



Harry Gevertz
Supervising Landman
Land Department

HG:CTR:kw

San Juan 29-6 Unit 3.0



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

District 1857
Roswell, New Mexico 88201

August 2, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79099

Attention: Mr. T. W. Birrick

Gentlemen:

Your 1966 plan of development dated June 16, 1966, for the San Juan 29-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of two Dakota wells, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

[ORIG. SGD.] JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

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

August 4, 1966

RECEIVED
AUG 5 1966

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

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

Re: San Juan 29-6 Unit #14-08-001-493
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF NONCOMMERCIAL
WELL IN THE DAKOTA FORMATION

Gentlemen:


El Paso Natural Gas Company, as Unit Operator of the San Juan 29-6 #14-08-001-493, Rio Arriba County, New Mexico, determined that the San Juan No. 94 Dakota Well in the SW/4 Sec. 16, T-29-N, R-6-W, N.M.P.M., was noncommercial, and, pursuant to the provisions of Section 11 (b) of the Unit Agreement, requested by letter dated May 18, 1966, the approval of the Commissioner of Public Lands for the State of New Mexico, Santa Fe, New Mexico, on such determination.

On July 25, 1966, this noncommercial determination became final when the Commissioner of Public Lands concurred with the Unit Operator's findings.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY


Harry Gevertz
Supervising Landman
Land Department

HG:CTR:sb

San Juan 29-6 Unit 4.3, 5.0

NM 6682

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

MAIN OFFICE

'66 JUL 25 PM 4 05

July 25, 1966

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

Re: San Juan 29-6 Unit
Rio Arriba County,
New Mexico

Attention: Mr. T. W. Bittick

Gentlemen:

Pursuant to your letter of May 18, 1966, regarding Well No. 94 in San Juan 29-6 Unit, Rio Arriba County, New Mexico.

The Commissioner of Public Lands concurs with your determination that Well No. 94 located in the SW/4SW/4 of Section 16, Township 29 North, Range 6 West, is noncommercial.

We are returning Eight (8) approved copies of this determination.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

GBH/mmr/e

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

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



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

IN REPLY REFER TO:

MAIN OFFICE 0-10
'66 JUN 20 AM 7:51

June 17, 1966

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

Attention: Mr. T. W. Bittick

Gentlemen:

Your notice of June 6 advises that El Paso Natural Gas Company, as unit operator of the San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, has determined unit well No. 88 in the SW $\frac{1}{4}$ of sec. 33, T. 29 N., R. 6 W., N.M.P.M., as incapable of producing unitized substances in paying quantities from the Dakota formation. The well was completed on May 24, 1965, for an initial open flow potential of 3,971 MCF of gas per day from the Dakota 7,550-7,738 feet.

You advise that the well began producing water immediately after completion and that reworking operations have been unsuccessful in correcting this problem. The well gauged 1,051 MCF of gas per day calculated absolute open flow and produced a heavy spray of water along with the gas and condensate, on the latest test in January 1966.

This office concurs with your determination that San Juan 29-6 unit well No. 88 is incapable of producing unitized substances in paying quantities from the Dakota formation under the existing conditions.

Sincerely yours,

(ORIG. SGD.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor.

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

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

419

July 21, 1966

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

Re: 1966 Drilling Program,
San Juan 29-6 Unit, Rio
Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1966 Drilling Program for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

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

ALP/JEK/og

cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico - 88201

C
O
P
Y

1966 JUN 27 PM 2 33

June 24, 1966

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

Re: San Juan 29-6 Unit
Rio Arriba County,
New Mexico
1966 Drilling Program

Attention: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands approves as of this date the 1966 Drilling Program for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

This Program covers two wells which are to be drilled by Beta Development Company as the designated Agent of El Paso Natural Gas Company, to be located in the W/2 of Section 2, Township 29 North, Range 6 West and E/2 of Section 24, Township 29 North, Range 6 West to be completed in the Dakota Formation.

We are returning one (1) approved copy of this Drilling Program.

El Paso Natural Gas Company
Attention: Mr. T. W. Bittick
June 24, 1966
- page 2 -

Very truly yours,

COMMISSIONER OF PUBLIC LANDS
GUYTON B. HAYS

BY:
Ted Bilberry, Director
Oil & Gas Department

GBH/nmr/e
encl:
cc:

United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico
Attention: Mr. John A. Anderson

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

El Paso Natural Gas Company

El Paso, Texas

June 16, 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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1966 DRILLING PROGRAM

Gentlemen:

By letter dated January 13, 1965, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program for the calendar year of 1965 covering the San Juan 29-6 Unit. This Program provided for the drilling of nine Dakota wells on lands committed to the Unit by Beta Development Company, as Sub-Operator, and also advised that the San Juan 29-6 Unit No. 85 Dakota Well had been commenced by Beta Development Company, as Sub-Operator, and would be completed in 1965. Eight of these wells, the San Juan 29-6 Unit Nos. 86, 87, 88, 89 (the dedication of this well was changed from the W/2 to the S/2 of Section 11, T-29-N, R-6-W), 90, 91, 93 and 94 Wells were completed during the year, and the No. 85 Well was also completed. The ninth well, which was proposed for the E/2 of Section 11, T-29-N, R-6-W, was not drilled, but another Dakota well outside the Participating Area, the San Juan 29-6 Unit No. 92 Well, W/2 Section 12, T-29-N, R-6-W, which was not provided for under our 1965 Drilling Program, was drilled by Beta Development Company under a Designation of Sub-Operator.

The following determinations were made with regard to the commerciality of these wells, and they occasioned the actions indicated within the Unit:

RECEIVED
JUN 22 AM 7 31
1966

<u>Well</u>	<u>Determination</u>	<u>Unit Action Occasioned</u>
No. 85 and No. 86	Commercial	Fourth Revision of Dakota Participating Area, which has been approved.
No. 87	Commercial	Fifth Revision of Dakota Participating Area, which has been approved.
No. 88	Noncommercial	Application for Noncommercial Determination, which has been forwarded to the United States Geological Survey for approval.
No. 89 and No. 90	Commercial	Sixth Revision of Dakota Participating Area, which has been approved.
No. 91	Commercial	Seventh Revision of Dakota Participating Area, which has been approved.
No. 92	Commercial	Eighth Revision of Dakota Participating Area, which has been approved.
No. 93	Commercial	Ninth Revision of Dakota Participating Area, which has been furnished to the Regulatory Bodies for approval.
No. 94	Noncommercial	Application for Noncommercial Determination, which has been forwarded to the Regulatory Bodies for approval.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	68
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Noncommercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota, Commercial	16
Dakota, Noncommercial	<u>2</u>
	90

El Paso Natural Gas Company plans to drill no wells as Unit Operator during 1966. However, El Paso Natural Gas Company, as Unit Operator, plans to designate Beta Development Company Sub-Operator in order that Dakota development wells may be drilled during 1966 at the following locations pursuant to the terms of Section 13 of the Unit Agreement:

<u>Location</u>	<u>Formation</u>
1. W/2 Section 2, T-29-N, R-6-W	Dakota
2. E/2 Section 24, T-29-N, R-6-W	Dakota

All the working interest owners have been advised of El Paso's desire not to drill the above described wells, and no objections were offered in regard to said wells being drilled pursuant to Designations of Sub-Operator.

All of the working interest owners have been contacted, and this Drilling Program reflects the desires of the majority of these working interest owners.

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 deemed necessary or desirable by the Unit Operator and the working interest owners.

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

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick, Manager
Land Department

TWB: CTR: cg
Enclosures

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. Patten J.* DATE: *July 21, 1966*
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 1966 Drilling Program for the San Juan 29-6
Unit, #14-08-001-439, Rio Arriba County, New Mexico.

SAN JUAN 29-6 UNIT
Working Interest Owners

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

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

Beta Development Company
Post Office Box 1659
Midland, Texas

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

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

Mrs. Veva Jean Gibbard
Post Office Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston, First National
Bank of Fort Worth, Trustee
P. O. Box 2260
Fort Worth, Texas

Mr. Ralph A. Johnston
2635 Humble Building
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

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

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

Pan American Petroleum Corporation
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

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Texas Pacific Oil Company
P. O. Box 747
Dallas, Texas
Attention: Mr. L. B. Jeffers

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

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
Box 192
Sistersville, West Virginia 26175

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
1700 Broadway
Denver, Colorado

Union Texas Petroleum
A Division of Allied Chemical Corp.
1200 Skirvin Tower
Oklahoma City, Oklahoma 73109

Union Texas Petroleum
A Division of Allied Chemical Corp.
Post Office Box 2120
Houston, Texas

United States Smelting, Refining
& Mining Company
Post Office Box 1877 - Wilco Bldg.
Midland, Texas

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

REPLY REFER TO:

MAIN OFFICE 00

'66 MAY 19 PM 1 1

May 18, 1966

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

Gentlemen:

We have received a "Designation of Sub-Operator" by which El Paso Natural Gas, unit operator of the San Juan 29-6 unit agreement designates Beta Development Company as sub-operator for the purpose of drilling a Dakota well in the W $\frac{1}{2}$ sec. 2, T. 29 N., R. 6 W., S.H.P.M., Rio Arriba County, New Mexico.

The designation is hereby accepted as a designation of agent from El Paso Natural Gas Company. Such acceptance does not relieve El Paso of its responsibilities as unit operator to assume operations of any well on the above described land that is determined to qualify for inclusion in the Dakota participating area.

Sincerely yours,

(Orig.Sgd.) CARL C. TRAYWICK
CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:
Beta Development Company
P. O. Box 189
Fort Worth, Texas 76101
Washington (w/cy designation)
BLM - Santa Fe (w/cy designation)
Farmington (w/cy designation)
Com. of Pub. Lands - Santa Fe (ltr. only)
NMOCC - Santa Fe (ltr. only) ✓



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

MAIN OFFICE
SEP 28 '65

IN REPLY REFER TO:

411

September 27, 1965

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

Gentlemen:

Receipt is acknowledged of a "Designation of Sub-Operator" by which El Paso Natural Gas Company, unit operator of the San Juan 29-6 unit agreement, designates Beta Development Company as sub-operator for the drilling of the Dakota well in the W $\frac{1}{4}$ sec. 16, T. 29 N., E. 6 W., N.M.P.M., Rio Arriba County, New Mexico.

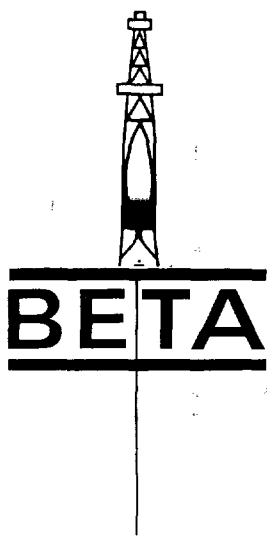
The designation is hereby accepted as a Designation of Agent from El Paso Natural Gas Company. Such acceptance does not relieve El Paso of its responsibility as unit operator to assume operations of any well on the above described land that is determined to qualify for inclusion in the Dakota participating area.

(ORIG. SGD.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:

Beta Development Co.
P. O. Box 135
Fort Worth, Texas
Washington (w/cy designation)
BLM-Santa Fe (w/cy designation)
Farmington (ltr. only)
Com. of Pub. Lands-Santa Fe (ltr. only)
IMOCC-Santa Fe (ltr. only), _____



RECEIVED
SEP 23 1965
OIL CON. COM.
DIST. 3

BETA DEVELOPMENT CO.

Incorporated

P. O. BOX 189 • FORT WORTH, TEXAS

Reply to:
234 Petroleum Club Plaza,
Farmington, New Mexico

417

September 22, 1965

Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Gentlemen:

Enclosed are two (2) fully-executed copies of the Designation of Sub-Operator for the drilling of the Dakota well in the San Juan 29-6 Unit, Rio Arriba County, New Mexico, located in the W/2 of Section 16, T. 29 N., R. 6 W., NMPM.

Yours very truly,

BETA DEVELOPMENT CO.

John T. Hampton
John T. Hampton
Manager

JTH'ms
Encl.



DESIGNATION OF SUB-OPERATOR

THIS DESIGNATION is made and entered into this 17th 1965 of Sept., 1965, 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 Beta Development Company, a Texas corporation, whose address is Post Office Box 189, Ft. Worth, Texas, hereinafter sometimes referred to as "Sub-Operator";

WHEREAS, Operator is Unit Operator for the San Juan 29-6 Unit, No. 14-08-001-439, 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 29-6 Unit Agreement:

Township 29 North, Range 6 West, N.M.P.M.
Section 16: W/2
Containing 320.00 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 29-6 Unit Agreement and San Juan 29-6 Unit Operating Agreement; and

WHEREAS, Sub-Operator has been furnished Notice of Operator's election not to drill the said Dakota well as Unit Operator under the terms of the San Juan 29-6 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 Beta Development Company to drill the above described Dakota well, El Paso Natural Gas Company, as Unit Operator of the San Juan 29-6 Unit, hereby designates Beta Development Company 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 29-6 Unit Agreement.

Sub-Operator indicates its acceptance of this Designation by placing its 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 29-6 Unit Agreement and the San Juan 29-6 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, 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.
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
Attention: Land Department

With copies to:
El Paso Natural Gas Company
Post Office Box 990
Farmington, New Mexico
Attention: Area Exploration 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 29-6 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.

IN WITNESS WHEREOF, this Designation is executed as of the day and year first hereinabove written.

OPERATOR

EL PASO NATURAL GAS COMPANY

By Sam Smith
Attorney in Fact

SUB-OPERATOR

BETA DEVELOPMENT COMPANY

By John J. Hampton
Attorney in Fact

STATE OF TEXAS)
)
COUNTY OF EL PASO)

The foregoing instrument was acknowledged before me this 17th day of Sept., 1965, by Sam Smith, Attorney in Fact for EL PASO NATURAL GAS COMPANY, a Delaware corporation, on behalf of said corporation

Eloise Busse
Notary Public

My commission expires June 1, 1965.

ELOISE BUSSE
Notary Public in and for El Paso County, Texas
My Commission Expires June 1, 1967

STATE OF New Mexico)
)
COUNTY OF San Juan)

The foregoing instrument was acknowledged before me this 22 day of Sept., 1965, by John J. Hampton, Attorney in Fact for BETA DEVELOPMENT CO., a Texas corporation, on behalf of said corporation.

Lee M. Lee
Notary Public

My commission expires:

My Commission expires September 11, 1967

RECEIVED

AUG 30 1965

O. C. C.
ARTESIA, OFFICE

Drawer 1857
Roswell, New Mexico 88201

August 27, 1965

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

Gentlemen:

Receipt is acknowledged of a Designation of Sub-Operator by which El Paso Natural Gas Company, unit operator of the San Juan 29-6 unit agreement, designates Beta Development Company as sub-operator for the drilling of a Dakota well in the $2\frac{1}{2}$ sec. 16, T. 29 N., R. 6 W., N4.P.M., Rio Arriba County, New Mexico.

The designation is hereby accepted as a Designation of Agent from El Paso Natural Gas Company. Such acceptance does not relieve El Paso of its responsibility as unit operator to assume operations of any well on the above described land that is determined to qualify for inclusion in the Dakota participating area.

Sincerely yours,

(ORIG. SGD.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil & Gas Supervisor

orig. to: Beta Development Company
P. O. Box 189
Fort Worth, Texas

cc:
Washington (w/cy of desig.)
BLM - Santa Fe (w/cy of desig.)
Farmington (ltr. only)
Com. of Pub. Lands - Santa Fe (ltr. only)
N.H.O.C.C. - Santa Fe (ltr. only) ✓

August 19, 1965

MAIN OFFICE 009

'65 AUG 23 AM 7

471

- AIR MAIL -

Beta Development Company
234 Petroleum Club Plaza
Farmington, New Mexico

Attention: Mr. John T. Hampton

Gentlemen:

Attached are eight copies of a Designation of Sub-Operator for the drilling of the following Dakota well in the San Juan 29-6 Unit, Rio Arriba County, New Mexico:

R/2 Section 16, T-29-N, R-6-W, N.M.P.M.

After these instruments have been executed, it will be necessary that you file three copies thereof with the United States Geological Survey, one copy with the Oil Conservation Commission and two copies with the Commissioner of Public Lands. Please return one fully executed copy to El Paso Natural Gas Company and retain one copy for your files.

We wish to point out that the well to be drilled under this Designation must be completed in a manner satisfactory to the Oil Conservation Commission and the United States Geological Survey before El Paso Natural Gas Company can take over operation of the well as Unit Operator.

In accordance with our previous requests, please submit your well cost estimate for this well to this office.

Very truly yours,

Harry Coverts
Regional Landman
Land Department

HG:CTB:rr
Attachments

cc: United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission ✓
Beta Development Company,
Midland, Texas
Attention: Tom Cowan
Charles Higgins



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

January 1957
Roswell, New Mexico 88201

1957 MAY 21 1965

419

May 20, 1965

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

Gentlemen:

Receipt is acknowledged of four copies of a Designation of Sub-Operator by which El Paso Natural Gas Company, unit operator of the San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, designates Beta Development Company, as a sub-operator for the drilling of a Dakota well in the S $\frac{1}{2}$ sec. 11, T. 29 N., R. 6 W., N.M.P.M.

The Designation of Sub-Operator is accepted as a Designation of Agent from El Paso Natural Gas Company. Such acceptance does not relieve El Paso Natural Gas Company of its responsibility as unit operator to assume operations for any well on the above-described land that is determined to qualify for inclusion in the Dakota participating area.

Sincerely yours,

(ORIG. SGD.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:

Beta Development Company
P. O. Box 189
Fort Worth, Texas

Washington (w/cy Desig. of Sub-Opr.)
BLM, Santa Fe (w/cy Desig. of Sub-Opr.)
Farmington (ltr. only)
Com. of Pub. Lands, Santa Fe (ltr. only)
BROCC, Santa Fe (ltr. only) ✓

El Paso Natural Gas Company

El Paso, Texas

May 11, 1965

PH 1 10
12
MAY 1965

419

Beta Development Company
234 Petroleum Club Plaza
Farmington, New Mexico

Attention: Mr. John T. Hampton

Gentlemen:

Attached are eight copies each of Designations of Sub-Operator for the drilling of the following Dakota wells in the San Juan 29-0 Unit, Rio Arriba County, New Mexico:

1. S/2 Section 11, T-29-N, R-6-W;
2. E/2 Section 21, T-29-N, R-6-W;
3. N/2 Section 15, T-29-N, R-6-W.

After these instruments have been executed, it will be necessary that you file three copies each with the United States Geological Survey, one copy with the Oil Conservation Commission, and two copies with the Commissioner of Public Lands. Please return one fully executed copy of each for our files, and retain one for your files.

We wish to point out that the wells to be drilled under these Designations must be completed in a manner satisfactory to the Oil Conservation Commission and the United States Geological Survey before El Paso can take over operation of said wells as Unit Operator.

Yours very truly,

Original Signed by

HARRY GEVERTZ

Harry Gevertz
Regional Landman
Land Department

HG:MB:jm
Attachments

cc: United States Geological Survey
Oil Conservation Commission, State of New Mexico
Commissioner of Public Lands, State of New Mexico

NM 6549
NM 6637
NM 6539
NM 6554

COPY

El Paso Natural Gas Company

El Paso, Texas

April 27, 1965

417

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

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

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

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1965 DRILLING PROGRAM

Gentlemen:

The 1965 Drilling Program for the San Juan 29-6 Unit was approved by the regulatory bodies on the following dates:

- | | |
|------------------------------------|----------------|
| 1. United States Geological Survey | April 8, 1965 |
| 2. Commissioner of Public Lands | March 3, 1965 |
| 3. Oil Conservation Commission | March 24, 1965 |

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

Very truly yours,



Harry Gevertz
Regional Landman
Land Department

HG:MB:jm

APR 9 1965

419

Drawer 1857
Roswell, New Mexico 88201

April 8, 1965

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

Attention: Mr. Sam Smith

Gentlemen:

Your 1965 plan of development dated January 13, 1965, for the San Juan 29-6 unit area, Rio Arriba County, New Mexico, proposing the drilling of nine Dakota 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.

Sincerely yours,

(ORIG. SGD.) BILLY J. SHOGER

BILLY J. SHOGER
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)

March 29, 1965

Beta Development Company
234 Petroleum Club Plaza
Farmington, New Mexico

Attention: Mr. John T. Hampton

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

This will acknowledge receipt of designation of Beta Development Company as Sub-operator for the San Juan 29-6 Unit, as applies to the Dakota Well located in the West Half of Section 33, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This instrument has been appropriately filed.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:

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

GBH/mmr/d

cc: United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico
Attention: Mr. John A. Anderson

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088
SANTA FE, NEW MEXICO

419

March 24, 1965

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

Attention: Mr. Sam Smith

Re: 1965 Drilling Program,
San Juan 29-6 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 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

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

ALP/JEK/og

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

C
O
P
Y

March 16, 1965

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

Attention: Mr. Sam Smith
Land Department

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

This will acknowledge receipt of designation of Beta Development Company as Sub-operator for the San Juan 29-6 Unit, as applies to the Dakota Well located in the East Half of Section 33, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This instrument has been appropriately filed. As I am sure you are aware, such designation does not relieve El Paso Natural Gas Company of any obligations relative to this unit.

We have not as yet received a copy of the designation for the West Half of Section 33, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, as mentioned in the letter of Mr. Harry Gevertz dated March 11, 1965.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

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

GBH/mmz/d

cc: United States Geological Survey
Oil Conservation Commission
Beta Development Company
234 Petroleum Club Plaza
Farmington, New Mexico
Attention: Mr. John T. Hampton

March 9, 1965

411
MAR 12 1965

Wash Development Company
204 Petroleum Club Plaza
Birmingham, New Mexico

Attention: Mr. John T. Hampton

Gentlemen:

Attached are eight (8) copies each of Designations of Sub-Operator for the drilling of the following Dakota wells in the San Juan 20-0 Unit, Rio Arriba County, New Mexico:

1. E/2 Section 33, T-29-N, R-6-W, N.M.P.M.
2. W/2 Section 33, T-29-N, R-6-W, N.M.P.M.

After these instruments have been executed, it will be necessary that you file three copies each with the United States Geological Survey, one copy with the Oil Conservation Commission and two copies with the Commissioner of Public Lands. Please return one fully executed copy of each to El Paso Natural Gas Company and retain one copy for your files.

We wish to point out that the wells to be drilled under these Designations must be completed in a manner satisfactory to the Oil Conservation Commission and the United States Geological Survey before El Paso Natural Gas Company can take over operation of said wells as Unit Operator.

In accordance with our previous requests, please submit your well cost estimate for each well to this office.

Very truly yours,

Original Signed by
HARRY GEVERTZ
Harry Gevertz
Regional Lands and
Land Department

WJ:SS:KF
Attachments

cc: United States Geological Survey,
Commissioner of Public Lands,
Oil Conservation Commission.

WJ 6880
WJ 6891

100 MAR 14 1965

March 4, 1965

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

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
1965 Plan of Development

Gentlemen:

The Commissioner of Public Lands approves as of March 3, 1965, your 1965 Plan of Development for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey.

This program includes the drilling of a Dakota well to be located in the North Half of Section 15, Township 29 North, Range 6 West, which was proposed on the 1964 program but was not drilled. It also proposes the drilling of eight additional Dakota wells during 1965, by Beta Development Company as sub-operator.

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

January 13, 1965

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

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

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

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1965 DRILLING PROGRAM

Gentlemen:

By letter dated July 10, 1964, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program for the calendar year of 1964 covering the San Juan 29-6 Unit. This Program provided for the drilling of five Dakota wells on lands committed to the Unit by Beta Development Co., as Sub-Operator. Three of these wells, the San Juan 29-6 Unit Nos. 78, 83 and 84 Wells, were completed during the year and the San Juan 29-6 Unit No. 85 Well is presently being drilled. However, Sub-Operator was not able to commence the fifth well during 1964 and now plans to drill this well under our 1965 Drilling Program. The Nos. 78, 83 and 84 Wells were determined to be commercial and will occasion the Third Revision of the Dakota Participating Area and this Expansion is being prepared for submission to the necessary regulatory bodies for approval.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (includes one well subsequently plugged and abandoned)	68
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota plugged and abandoned)	1
Dakota	<u>9</u>
	81

El Paso Natural Gas Company plans to drill no wells as Unit Operator during 1965. However, El Paso Natural Gas Company, as Unit Operator, plans to designate Beta Development Co. Sub-Operator in order that Dakota development wells may be drilled during 1965 at the following locations pursuant to the terms of Section 13 of the Unit Agreement:

<u>Location</u>	<u>Formation</u>
1. N/2 Sec. 15, T-29-N, R-6-W	Dakota
2. E/2 Sec. 16, T-29-N, R-6-W	Dakota
3. W/2 Sec. 16, T-29-N, R-6-W	Dakota
4. E/2 Sec. 33, T-29-N, R-6-W	Dakota
5. W/2 Sec. 33, T-29-N, R-6-W	Dakota
6. E/2 Sec. 21, T-29-N, R-6-W	Dakota
7. E/2 Sec. 11, T-29-N, R-6-W	Dakota
8. W/2 Sec. 11, T-29-N, R-6-W	Dakota
9. W/2 Sec. 27, T-29-N, R-6-W	Dakota

All working interest owners have been advised of El Paso's desire not to drill the above described wells and no objections were offered in regard to said wells being drilled pursuant to Designations of Sub-Operator.

All of the working interest owners have been contacted and this Drilling Program reflects their desires for additional drilling.

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 as required under Section 10 of the Unit Agreement, in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Sam Smith
Sam Smith, Manager
Land Department

SS:MB: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: _____

The foregoing approvals are for the 1965 Drilling Program for the San Juan 29-6
Unit, #14-08-001-439, Rio Arriba County, New Mexico.

SAN JUAN 29-6 UNIT
Working Interest Owners

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

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas, Texas

Beta Development Co.
P. O. Box 1659
Midland, Texas

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

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

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas

Mr. Ralph A. Johnston
2635 Humble Building
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

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

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

Pan American Petroleum Corporation (7)
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

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Texas Pacific Oil Company, a Division of
Joseph E. Seagram & Sons, Inc.
2700 Fidelity Union Tower, Box 747
Dallas, Texas 75221

Sinclair Oil & Gas Company (3)
P. O. Box 4005
Albuquerque, New Mexico

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

Southern Union Production Company
Fidelity Union Tower
Dallas, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
Attention: Mr. Harry E. Keegan
619 West Texas Street
Midland, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
P. O. Box 2120
Houston 1, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
Suite B-400, 1740 Broadway
Denver 2, Colorado

United States Smelting, Refining
& Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

El Paso Natural Gas Company

El Paso, Texas

November 18, 1964

RECEIVED
NOV 20 1964

417

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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1964 DRILLING PROGRAM

Gentlemen:

The 1964 Drilling Program for the San Juan 29-6 Unit was approved by the regulatory bodies on the following dates:

1. United States Geological Survey - July 24, 1964
2. Commissioner of Public Lands - November 6, 1964
3. Oil Conservation Commission - November 9, 1964

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

Very truly yours,



Harry Gevertz
Regional Landman
Land Department

HG:MB:js

SJ 29-6, 3.0

El Paso Natural Gas Company
El Paso, Texas

November 17, 1964

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
P. O. Box 1837
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: FIRST AND SECOND REVISIONS
DAKOTA PARTICIPATING AREA
SAN JUAN 29-6 UNIT
RIO ARriba COUNTY, NEW MEXICO

Gentlemen:

The First and Second Revisions of the Dakota Participating Area for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, were approved by the regulatory bodies on the following dates:

United States Geological Survey - November 3, 1964

Oil Conservation Commission - May 25, 1964

Commissioner of Public Lands - May 22, 1964

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

Very truly yours,



Harry Gevertz
Regional Landman
Land Department

HG:MB:kp

SJ 29-6, 4.3

RECEIVED
NOV 20 1964

4-7

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

411

November 9, 1964

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

Attention: Mr. Sam Smith

Re: 1964 Drilling Program, San
Juan 29-6 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 29-6 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
O
P
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MAIN OFFICE 000

'64 Nov 9 AM 10 50

November 6, 1964

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

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
1964 Drilling Program

Attention: Mr. Sam Smith

Gentlemen:

The Commissioner of Public Lands approved as of November 6, 1964, the 1964 Drilling Program for the San Juan 29-5 Unit Area, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We are returning one approved copy of Program

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:

Teó Bilberry, Director
Oil & Gas Department

ESW/mmr/v

cc: United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

MAIN OFFICE DUN

NOV 5 7 51 AM '64

El Paso Natural Gas Company

El Paso, Texas 79999

November 3, 1964

418

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

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

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1964 DRILLING PROGRAM

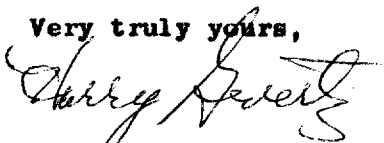
Gentlemen:

Our records indicate that we may not have received your approval for El Paso's proposed Drilling Program for the calendar year 1964 for the captioned Unit. This program was submitted to you in our letter of July 10, 1964.

If you have furnished us with a copy of your approval, we would appreciate your so advising us; and, if you have not furnished us with such copy, it is requested that you let us know when we may expect to receive it.

Your help in this matter will be appreciated.

Very truly yours,



Harry Gevertz
Regional Landman
Land Department

11/9/64

HG:MB:js

SJ 29-6, 3.0

El Paso Natural Gas Company

El Paso, Texas

September 21, 1964

MAIN OFFICE 0000

'64 SEP 23 AM 8 00

411

Air Mail

Beta Development Co.
234 Petroleum Club Plaza
Farmington, New Mexico

Attention: Mr. John T. Hampton

Gentlemen:

In accordance with previous conversations and agreements our Farmington Office has furnished you eight executed copies each of Designations of Sub-Operator for the drilling of the following Dakota wells in the San Juan 29-6 Unit, Rio Arriba County, New Mexico:

1. S/2 of Section 27, T-29-N, R-6-W, N.M.P.M.
2. W/2 of Section 27, T-29-N, R-6-W, N.M.P.M.

After these instruments have been executed, it will be necessary that you file three copies each with the United States Geological Survey, one copy with the Oil Conservation Commission and two copies with the Commissioner of Public Lands. Please return one fully executed copy of each to El Paso Natural Gas Company and retain one copy for your files.

We wish to point out that the wells to be drilled under these Designations must be completed in a manner satisfactory to the Oil Conservation Commission and the United States Geological Survey before El Paso Natural Gas Company can take over operation of said wells as Unit Operator.

Additionally, as Mr. Charles Higgins previously advised, we have no complaint whatsoever with regard to the manner which you have been conducting drilling operations under our Designations of Sub-Operator. However, we have instituted a new policy based on difficulties we have had in the past with some of our other Sub-Operators of requiring that we be furnished with an Authority for Expenditure prior to us designating a Sub-Operator and, accordingly, we would appreciate your furnishing us with such Authorities in the future. We trust that this will cause you no inconvenience.

If we can be of any further assistance, do not hesitate to call on us.

Very truly yours,
Original Signed by

HARRY GEVERTZ
Harry Geverts
Regional Landman
Land Department

HG:CTR:js

cc: United States Geological Survey,
Commissioner of Public Lands,

Oil Conservation Commission. COPY

El Paso Natural Gas Company

El Paso, Texas

August 24, 1964

OFFICE 000
1964 AUG 25 PM 1 16
-AIR MAIL-

411

Beta Development Co.
234 Petroleum Club Plaza
Farmington, New Mexico

Attention: Mr. John T. Hampton

Gentlemen:

In accordance with previous conversations and agreements we are furnishing you eight executed copies of Designation of Sub-Operator for the drilling of the following Dakota well in the San Juan 29-6 Unit, Rio Arriba County, New Mexico:

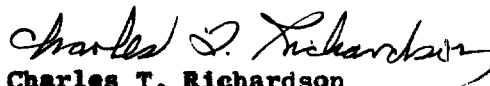
1. W/2 Section 22, T-29-N, R-6-W, N.M.P.M.

After this instrument has been executed, it will be necessary that you file three copies with the United States Geological Survey, one copy with the Oil Conservation Commission and two copies with the Commissioner of Public Lands. Please return one fully executed copy to El Paso Natural Gas Company and retain one copy for your files.

We wish to point out that the well to be drilled under this Designation must be completed in a manner satisfactory to the Oil Conservation Commission and the United States Geological Survey before El Paso Natural Gas Company can take over operation of said well as Unit Operator.

If we can be of any further assistance, do not hesitate to call on us.

Very truly yours,


Charles T. Richardson
Area Coordinator
Land Department

CTR:MB:kp

cc: United States Geological Survey,
Commissioner of Public Lands,
Oil Conservation Commission.

SJ 29-6, 5.0
NM 6636

COPY

MAIN OFFICE OCC

Drawer 1857
Roswell, New Mexico 88201 1964 JUL 27 AM 7:37

July 24, 1964

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

Attention: Mr. Sam Smith

Gentlemen:

Your 1964 plan of development dated July 10, 1964, for the San Juan 29-6 unit area, Rio Arriba County, New Mexico, proposing five Dakota wells to be drilled by Beta Development Company, 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,

(Sinc. sig.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

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

El Paso Natural Gas Company

El Paso, Texas

419

1964 JUL 27 AM 7:39
MAIL OFFICE OCC

July 23, 1964

Beta Development Co.
234 Petroleum Club Plaza
Farmington, New Mexico

Attention: Mr. John T. Hampton

Gentlemen:

In accordance with previous conversations and agreements we are furnishing you eight executed copies of Designation of Sub-Operator for the drilling of the following Dakota wells in the San Juan 29-6 Unit, Rio Arriba County, New Mexico:

1. W/2 Section 13, T-29-N, R-6-W, N.M.P.M.
2. N/2 Section 14, T-29-N, R-6-W, N.M.P.M.

After these instruments have been executed, it will be necessary that you file three copies each with the United States Geological Survey, one copy with the Oil Conservation Commission and two copies with the Commissioner of Public Lands. Please return one fully executed copy of each to El Paso Natural Gas Company and retain one copy of each for your files.

We wish to point out that the wells to be drilled under these Designations must be completed in a manner satisfactory to the Oil Conservation Commission and the United States Geological Survey before El Paso Natural Gas Company can take over operation of said wells as Unit Operator.

If we can be of any further assistance, do not hesitate to call on us.

Very truly yours,

Charles T. Richardson

Charles T. Richardson
Area Coordinator
Land Department

CTR:MB:ja

cc: United States Geological Survey,
Commissioner of Public Lands,
Oil Conservation Commission.

SJ 29-6, 5.0
NM 6554

COPY

El Paso Natural Gas Company

El Paso, Texas

July 10, 1964

1964 JUL 14 PM 1:21

MAIL OFFICE 1003

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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1964 DRILLING PROGRAM

Gentlemen:

By letter dated December 20, 1963, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding captioned Unit for the calendar year 1963. Said Program provided for the drilling of five (5) Dakota wells, all of which were completed during 1963 on lands committed to the San Juan 29-6 Unit. The San Juan 29-6 Unit Nos. 69, 75 and 76 Wells have occasioned the First Revision of the Dakota Participating Area and the San Juan 29-6 Unit Nos. 77 and 81 Wells have occasioned the Second Revision of the Dakota Participating Area. Each of the above mentioned Revisions have been furnished to the necessary Regulatory Bodies for approval.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (Includes one well subsequently plugged and abandoned)	68
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota Formation plugged and abandoned)	1
Dakota	5

El Paso Natural Gas Company plans to drill no wells as Unit Operator during 1964. However, El Paso Natural Gas Company, as Unit Operator, proposes to designate Beta Development Co. Sub-Operator in order that Dakota wells may be drilled during 1964 at the following locations pursuant to the terms of Section 13 of the Unit Agreement:

1. W/2 Sec. 13, T-29-N, R-6-W, N.M.P.M.
2. N/2 Sec. 14, T-29-N, R-6-W, N.M.P.M.
3. E/2 Sec. 27, T-29-N, R-6-W, N.M.P.M.
4. W/2 Sec. 27, T-29-N, R-6-W, N.M.P.M.
5. N/2 Sec. 15, T-29-N, R-6-W, N.M.P.M.*

(* If for any reason this location cannot be drilled, a substitute Dakota well is proposed for the W/2 of Section 22, T-29-N, R-6-W, N.M.P.M.)

All Working Interest Owners have been advised of El Paso's desire not to drill the above described wells and no objections were offered in regard to said wells being drilled pursuant to Designations of Sub-Operator.

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 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 as required under Section 10 of the Unit Agreement, in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

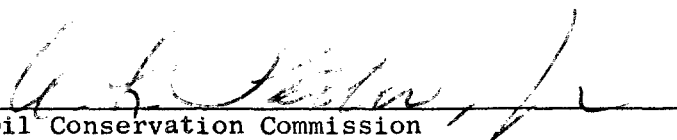
By 
Sam Smith, Manager
Land Department

APPROVED: _____
United States Geological Survey
Subject to like approval by the appropriate
State Regulatory Bodies.

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: 

The foregoing approvals are for the San Juan 29-6 Unit #14-08-001-439 Drilling Program for the calendar year 1964.

SAN JUAN 29-6 UNIT
Working Interest Owners

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

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas, Texas

Beta Development Co.
P. O. Box 1659
Midland, Texas

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

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

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas

Mr. Ralph A. Johnston
2635 Humble Building
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

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

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

Pan American Petroleum Corporation (7)
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

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Joseph E. Seagram & Sons, Inc. (2)
P. O. Box 4067
Midland, Texas 79101

Sinclair Oil & Gas Company (3)
P. O. Box 4005
Albuquerque, New Mexico

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

Southern Union Production Company
Fidelity Union Tower
Dallas, Texas

Texas Pacific Oil Co.
Box 747
Dallas, Texas 75221

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
Attention: Mr. Harry E. Keegan
619 West Texas Street
Midland, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
P. O. Box 2120
Houston 1, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
Suite B-400, 1740 Broadway
Denver 2, Colorado

United States Smelting, Refining
& Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

El Paso Natural Gas Company

El Paso, Texas

April 16, 1964

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
P. O. Box 1837
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 29-6 Unit
1963 Drilling Program
Rio Arriba County, New Mexico

Gentlemen:

The 1963 Drilling Program for the San Juan 29-6 Unit was approved by the regulatory bodies on the following dates:

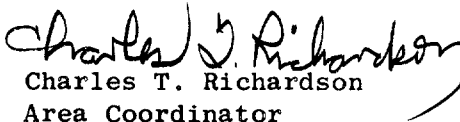
United States Geological Survey - December 30, 1963

Commissioner of Public Lands - April 1, 1964

Oil Conservation Commission - April 8, 1964

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

Very truly yours,


Charles T. Richardson
Area Coordinator
Land Department

CTR:MB:fsc

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

419

April 8, 1964

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

Attention: Mr. Sam Smith

Re: 1963 Drilling Program
San Juan 29-6 Unit,
Rio Arriba County, New
Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1963 Drilling Program for the San Juan 29-6 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

April 2, 1964

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

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
1963 Drilling Program

Attention: Mr. Sam Smith

Gentlemen:

The Commissioner of Public Lands approved as of April 1, 1964, the 1963 Drilling Program for the San Juan 29-6 Unit, Rio Arriba County, New Mexico.

This Plan covers five wells which were all completed during the 1963 calendar year.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

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

ESW/mmr/v

cc: United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

APR 2 1964
NEW MEXICO
STATE DEPARTMENT OF PUBLIC LANDS

Drawer 1857
Roswell, New Mexico 88201

December 30, 1963

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

Attention: Mr. Sam Smith

Gentlemen:

Your 1963 plan of development dated December 20, 1963, for the San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, proposing the drilling of five Dakota wells, has been approved on this date subject to like approval by the appropriate State officials. Our records indicate that the five proposed wells have been either commenced or completed at this time.

Two approved copies of the plan are enclosed.

Sincerely yours,

CARL C. TRAYWICK
Acting 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)

El Paso Natural Gas Company

El Paso, Texas

December 20, 1963

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

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

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

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1963 DRILLING PROGRAM

Gentlemen:

By letter dated July 10, 1962, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1962. Said Program provided for the drilling of nine Mesaverde wells, all of which were completed. In addition, with necessary Unit Working Interest Owners' approval, El Paso Natural Gas Company, as Unit Operator, completed one other Mesaverde well within the Unit Area. These wells are as follows:

<u>Well Name:</u>	<u>Drilling Block:</u>	<u>Formation:</u>
San Juan 29-6 No. 30	E/2 Sec. 10, T-29-N, R-6-W *	MV
San Juan 29-6 No. 38	W/2 Sec. 16, T-29-N, R-6-W *	MV
San Juan 29-6 No. 70	W/2 Sec. 29, T-29-N, R-6-W *	MV
San Juan 29-6 No. 71	E/2 Sec. 17, T-29-N, R-6-W	MV
San Juan 29-6 No. 72	W/2 Sec. 22, T-29-N, R-6-W	MV
San Juan 29-6 No. 73	W/2 Sec. 20, T-29-N, R-6-W	MV
San Juan 29-6 No. 74	E/2 Sec. 20, T-29-N, R-6-W	MV
San Juan 29-6 No. 46	W/2 Sec. 27, T-29-N, R-6-W	MV
San Juan 29-6 No. 45	E/2 Sec. 27, T-29-N, R-6-W	MV
San Juan 29-6 No. 39	E/2 Sec. 22, T-29-N, R-6-W	MV

* - Intervening Drilling Block.

The completion of the above described Mesaverde wells has caused the Mesaverde Participating Area to encompass the entire Unit Area and fully develop the Unit acreage in that formation.

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
SAN JUAN 29-6 UNIT #14-08-001-439

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde, Commercial (Includes one well subsequently plugged and abandoned.)	68
Dual, Mesaverde-Dakota, Commercial	1
Dual, Mesaverde-Dakota (Non-commercial in Dakota.)	2
Dual, Mesaverde-Dakota (Dakota Formation plugged and abandoned.)	1
Dakota (Commerciality not yet determined.)	<u>5</u>
	77

The filing of this Program was delayed until the number and location of the Dakota Formation wells Beta Development Company, as Sub-Operator under the provisions of Section 13 of the Unit Agreement, desired to drill. This information has now been obtained and El Paso Natural Gas Company, as Unit Operator, hereby submits a Drilling Program providing for the drilling of the following described Dakota Formation wells during the period from January 1, 1963, to December 31, 1963.

<u>Well Name:</u>	<u>Dedication:</u>
San Juan 29-6 No. 69	E/2 Sec. 26, T-29-N, R-6-W
San Juan 29-6 No. 75	E/2 Sec. 23, T-29-N, R-6-W
San Juan 29-6 No. 76	W/2 Sec. 23, T-29-N, R-6-W
San Juan 29-6 No. 77	E/2 Sec. 22, T-29-N, R-6-W
San Juan 29-6 No. 81	W/2 Sec. 25, T-29-N, R-6-W

All Working Interest Owners were advised of El Paso's desire not to drill the above described wells and no objections were offered in regard to said wells being drilled pursuant to Designations of Sub-Operator. There were no other requests for drilling by 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,

EL PASO NATURAL GAS COMPANY

By Sam Smith
Sam Smith
Manager, Land Department

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: *R. L. Paster, Jr.* DATE: *4-7-68*
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the Com-
missioner of Public Lands.

The foregoing approvals are for the 1963 Drilling Program for the San Juan 29-6
Unit, #14-08-001-439, Rio Arriba County, New Mexico.

SAN JUAN 29-6 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, Texas

Beta Development Co.
Attention: Mr. Sam H. Snoddy
P. O. Box 1659
Midland, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Frankfort Oil Company
District Production Office
108 Gulf Building
Midland, Texas

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

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas

Mr. Ralph A. Johnston
2635 Humble Building
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

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

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

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

Phillips Petroleum Company
Attention: Mr. A. J. Hintze
402 Bank Building
Bartlesville, Oklahoma

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

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Joseph E. Seagram & Sons, Inc.
108 Gulf Building
Midland, Texas

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

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

Southern Union Production Company
Fidelity Union Tower
Dallas, Texas

Southwest Production Company
3108 Southland Center
Dallas, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
Attention: Mr. C. F. Bowden
619 West Texas Street
Midland, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
P. O. Box 2120
Houston 1, Texas

SAN JUAN 29-6 UNIT

Working Interest Owners - Page 2

Union Texas Petroleum Company
A Division of Allied Chemical Corp.
Suite B-400, 1740 Broadway
Denver 2, Colorado

United States Smelting, Refining &
Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

EL PASO NATURAL GAS COMPANY 419

El Paso, Texas

November 7, 1963

Beta Development Company
c/o Southwest Production Company
234 Petroleum Club Plaza
Farmington, New Mexico

Attention: Mr. John T. Hampton

Gentlemen:

In accordance with previous conversations and agreements we are furnishing you eight executed copies of a Designation of Sub-Operator for the drilling of the following Dakota well in the San Juan 29-6 Unit:

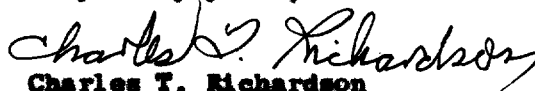
E/2 of Section 22, T-29-N, R-6-W, N.M.P.M.
Rio Arriba County, New Mexico

After this instrument has been executed, it will be necessary that you file three copies thereof with the United States Geological Survey, one copy with the Oil Conservation Commission and two copies with the Commissioner of Public Lands. Please return one fully executed copy to El Paso Natural Gas Company and retain one copy for your files.

We wish to point out that the well to be drilled under this Designation must be completed in a manner satisfactory to the Oil Conservation Commission and the United States Geological Survey before El Paso Natural Gas Company can take over operation of said well as Unit Operator.

If we can be of any further assistance, do not hesitate to call on us.

Very truly yours,


Charles T. Richardson
Area Coordinator
Land Department

CTR:MB:js

cc: United States Geological Survey
Oil Conservation Commission
Commissioner of Public Lands

SJ 29-6, 5.0
SJ 28-6, 5.0
NM 6634 6630 6636

(C O P Y)

1963 NOV 11 PM 5:00
MAIL ROOM

MAIL ROOM

Drawer 1857 1963 OCT 15 PM 1 30
Roswell, New Mexico 88201

October 11, 1963

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

Attention: Mr. Sam Smith

Gentlemen:

We acknowledge receipt of three copies each of a Designation of Sub-Operator by which El Paso Natural Gas Company, unit operator of the San Juan 29-6 unit and working interest owner of the lands involved, designates Beta Development Company as sub-operator for the Dakota formation in the E $\frac{1}{2}$ sec. 23, W $\frac{1}{2}$ sec. 23, and the E $\frac{1}{2}$ sec. 26, T. 29 N., R. 6 W., N.M.P.M., San Juan County, New Mexico.

These Designations of Sub-Operator are hereby accepted as Designations of Agent from El Paso. Such acceptance does not relieve El Paso of its responsibility as unit operator to assume operations for any well drilled on the above described land that is determined to be eligible for inclusion in the Dakota participating area.

Sincerely yours,

(Orig.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil & Gas Supervisor

cc:

Washington (w/cy desig.)
Farmington (ltr. only)
ELM - Santa Fe (ltr. only)
Com. of Pub. Lands - Santa Fe (ltr. only)
WMOCC - Santa Fe (ltr. only) ✓

Beta Dev. Co.
P. O. Box 189
Fort Worth, Texas

417

MAIN OFFICE OCC

DESIGNATION OF SUB-OPERATOR

1963 OCT 7 AM 8:05

THIS DESIGNATION is made and entered into this 26th day of September, 1963, by and between EL PASO NATURAL GAS COMPANY, a Delaware corporation, whose address is Post Office Box 1492, El Paso, Texas, hereinafter sometimes referred to as "Operator", and BETA DEVELOPMENT CO., a Texas corporation, whose address is P. O. Box 189, Fort Worth, Texas, hereinafter sometimes referred to as "Sub-Operator".

WHEREAS, Operator is Unit Operator for the San Juan 29-6 Unit, No. 14-08-001-439, Rio Arriba County, New Mexico; and

WHEREAS, El Paso Natural Gas Company is the holder of oil and gas operating rights as to the Dakota Formation under the following described tract of land:

Rio Arriba County, New Mexico

Township 29 North, Range 6 West, N.M.P.M.
Section 23: E/2

Containing 320.00 acres, more or less; and

WHEREAS, the above described tract of land is committed to the terms and conditions of the San Juan 29-6 Unit Agreement and San Juan 29-6 Unit Operating Agreement; and

WHEREAS, Sub-Operator desires to drill a Dakota well on the E/2 of Section 23, Township 29 North, Range 6 West, being the above described tract of land, pursuant to the provisions of Section thirteen (13) of the San Juan 29-6 Unit Agreement; and

WHEREAS, Sub-Operator has been furnished Notice of Operator's election not to drill the said Dakota well as Unit Operator under the terms of the San Juan 29-6 Unit Agreement; and

WHEREAS, the necessary concurrence has been obtained from the working interest owners in the above tract; 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 Beta Development Co. to drill the said Dakota well, El Paso Natural Gas Company, as Unit Operator of the San Juan 29-6 Unit, hereby designates Beta Development Co. 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 29-6 Unit Agreement.

Sub-Operator indicates its acceptance of this Designation by placing its 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 29-6 Unit Agreement and the San Juan 29-6 Unit Operating Agreement and also agrees to the following conditions:

1. Notify Operator when drilling operations are commenced.
2. Furnish Operator with complete daily driller's report, at Sub-Operator's expense.
3. 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.
4. Allow representatives of Operator access to the derrick floor at all times.
5. Notify Operator of intention to core, drill stem test, run well surveys or other tests in sufficient time to enable Operator's representative to be present. Additionally it is specifically understood that El Paso Natural Gas Company will be notified in sufficient time to enable El Paso's representative to be present for the official test of the well.
6. Adequately test and/or core all possible productive formations to the satisfaction of Operator upon request.
7. 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.
8. Furnish Operator three field prints and five final prints of all well surveys made during drilling or upon completion of the well.
9. Permit Operator, at its cost and for its sole use, including full rig time, to make any additional surveys, including a geophysical velocity survey as it may desire.
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 intentions 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 described 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 all proper and necessary reports and well data in the required numbers and time periods as specified by the United States Geological Survey, with a copy to El Paso Natural Gas Company at the addresses hereafter specified.
15. Provide the Commissioner of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Commission copies of all reports and other well data submitted to the United States Geological Survey.

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
 Attention: Land Department

With a copy to:
 El Paso Natural Gas Company
 Post Office Box 990
 Farmington, New Mexico
 Attention: Area Exploration 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 29-6 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.

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.

IN WITNESS WHEREOF, this Designation is executed as of the day and year first hereinabove written.

OPERATOR

EL PASO NATURAL GAS COMPANY

By Sam Smith
Attorney in Fact

SUB-OPERATOR

BETA DEVELOPMENT CO.

By John T. Hampton
Attorney in Fact

STATE OF TEXAS)
)
COUNTY OF EL PASO)

The foregoing instrument was acknowledged before me this 26 day of Sept., 1963, by Sam Smith, Attorney in Fact for EL PASO NATURAL GAS COMPANY, a Delaware corporation, on behalf of said corporation.

My commission expires:
NATALIE TAYLOR
Notary Public in and for El Paso County, Texas
My Commission Expires June 1, 1965

Natalie Taylor
Notary Public

STATE OF ~~TEXAS~~ New Mexico
COUNTY OF San Juan

The foregoing instrument was acknowledged before me this 1st day of October, 1963, by JOHN T. HAMPTON, Attorney in Fact for BETA DEVELOPMENT CO., a Texas corporation, on behalf of said corporation.

My commission expires:
May 12, 1967

Alma Mitchell
Notary Public

El Paso Natural Gas Company

MAIN OFFICE OCC

El Paso, Texas

1963 SEP 30 AM 8:21

September 27, 1963

417

Beta Development Co.
c/o Southwest Production Company
234 Petroleum Club Plaza
Farmington, New Mexico

Attn: Mr. John Hampton

Gentlemen:

In accordance with our previous conversations, we are furnishing you eight (8) executed copies each of Designations of Sub-Operator in the San Juan 29-6 Unit for the drilling of the following wells:

E/2 of Sec. 23, T-29-N, R-6-W, N.M.P.M.

W/2 of Sec. 23, T-29-N, R-6-W, N.M.P.M.

E/2 of Sec. 26, T-29-N, R-6-W, N.M.P.M.

After these instruments have been executed, it will be necessary that you file three copies of each instrument with the United States Geological Survey, one copy of each instrument with the Oil Conservation Commission and two copies of each instrument with the Commissioner of Public Lands. Please return one fully executed copy of each instrument to El Paso Natural Gas Company and retain the other copies for your files.

We wish to point out that each of the wells to be drilled under these Designations must be completed in a manner satisfactory to the Oil Conservation Commission and the United States Geological Survey before El Paso Natural Gas Company can take over operation of these wells as unit operator.

If we can be of any further assistance, do not hesitate to call on us.

Very truly yours,

Charles T. Richardson
Charles T. Richardson
Area Coordinator
Land Department

CTR:GA:ag
Enclosures
SJ 29-6 5.0
NM 6557, 6548, 6757

cc: United States Geological Survey
Oil Conservation Commission
Commissioner of Public Lands

COPY

412

El Paso Natural Gas Company

El Paso, Texas

1963 JUN 7 AM 14

June 4, 1963

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

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

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

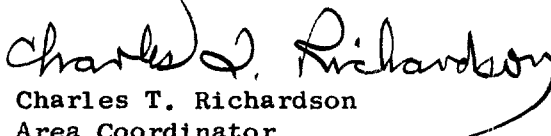
Re: San Juan 29-6 Unit
Revised Exhibit "B"
Effective March 1, 1963

Gentlemen:

Enclosed are copies of the San Juan 29-6 Unit Exhibit "B" which has been revised effective March 1, 1963.

This Exhibit "B" was mailed to the working interest owners of the San Juan 29-6 Unit under date of April 25, 1963, and they were advised that if they should have any corrections or changes to notify El Paso Natural Gas Company within ten days. As of this date all changes requested by said working interest owners have been made and this Exhibit "B" is now presumed to reflect the correct interests of each working interest owner.

Very truly yours,


Charles T. Richardson
Area Coordinator
Land Department

CTR:GA:js
Enclosures

SJ 29-6, 5.0

44

El Paso Natural Gas Company

El Paso, Texas

September 11, 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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1962 DRILLING PROGRAM

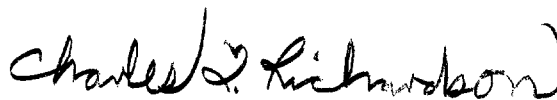
Gentlemen:

The 1962 Drilling Program for the San Juan 29-6 Unit has been approved by the regulatory bodies as follows:

1. United States Geological Survey - August 6, 1962
2. Commissioner of Public Lands - August 31, 1962
3. Oil Conservation Commission - August 24, 1962

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

Very truly yours,



Charles T. Richardson
Area Coordinator
Land Department

CTR:AJM:cah

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

August 24, 1962

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

Attention: Mr. Sam Smith

Re: 1962 Drilling Program
San Juan 29-6 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 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

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

ALP/JEK/og

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

C
O
P
Y

Drawer 1857

Roswell, New Mexico

August 6, 1962

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

Attention: Mr. Sam Smith

Gentlemen:

Your 1962 plan of development dated July 10, 1962, for the San Juan 29-b unit area, Rio Arriba County, New Mexico, proposing the drilling of nine 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,

(Orig. Sec) John A. Anderson

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

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

El Paso Natural Gas Company

El Paso, Texas

August 2, 1962

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Attention: Mrs. Marian Rhea

Re: San Juan 29-6 Unit
1962 Drilling Program

Gentlemen:

Thank you for your letter of July 31, 1962, advising of approval of the captioned Drilling Program and in addition, inquiring as to the prospects for additional Dakota development in this unit.

As you know, the Dakota Participating Area based on completion of the San Juan 29-6 Unit #35 Well contained only 320 acres because of the proximity of two non-commercial wells and one plugged and abandoned well in this unit, in addition to the fact that the #35 Well is considered barely commercial. This is an area of poor Dakota sand development and we therefore wish to obtain additional data from the San Juan 29-6 Unit #35 Well to determine whether production will stabilize at a level indicating eventual payout. Production obtained during the remainder of this year should tend to resolve this question.

Very truly yours,


Sam Smith, Manager
Land Department

SS:HG:cah

cc: United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

COPY

El Paso Natural Gas Company

El Paso, Texas

July 10, 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 29-6 Unit, #14-08-001-439
Rio Arriba County, New Mexico
1962 DRILLING PROGRAM

Gentlemen:

By letter dated January 6, 1961, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned unit for the calendar year 1961. Said Program provided for the drilling of four (4) Mesaverde wells. All four (4) Mesaverde wells were drilled. The commercially completed wells have been admitted to the Mesaverde Participating Area, and the Dakota Formation will be expanded to include the acreage regarded as reasonably proved to be productive by the San Juan 29-6 Unit #35 Well.

As of this date, the total number of wells in the San Juan 29-6 Unit is as follows:

Mesaverde	58
Dual, Mesaverde-Dakota	1
Dual, Mesaverde-Dakota (non-commercial in Dakota)	2
Dual, Mesaverde-Dakota (Dakota Formation plugged)	<u>1</u>
	62

Pursuant to Section 10 of the San Juan 29-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

Sam Smith, Manager
Land Department

SS:AJM:js

providing for the drilling of the following described wells during the period from January 1, 1962 to December 31, 1962:

<u>DRILLING BLOCK</u>	<u>FORMATION</u>
*E/2 Section 10, T-29-N, R-6-W	Mesaverde
*W/2 Section 16, T-29-N, R-6-W	Mesaverde
*W/2 Section 29, T-29-N, R-6-W	Mesaverde
E/2 Section 17, T-29-N, R-6-W	Mesaverde
W/2 Section 22, T-29-N, R-6-W	Mesaverde
W/2 Section 20, T-29-N, R-6-W	Mesaverde
E/2 Section 20, T-29-N, R-6-W	Mesaverde
W/2 Section 27, T-29-N, R-6-W	Mesaverde
E/2 Section 27, T-29-N, R-6-W	Mesaverde

*Intervening drilling blocks must be drilled during 1962.

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 being necessary or desirable by the Unit Operator and the working interest owners in the affected drilling blocks.

El Paso Natural Gas Company intends to drill the Mesaverde wells 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 3200'. A production liner 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 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.

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

DATE: 8-24-62

The foregoing approvals are for the 1962 Drilling Program for the San Juan 29-6
Unit #14-08-001-439, Rio Arriba County, New Mexico.

SAN JUAN 29-6 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, Texas

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

Frankfort Oil Company (2)
District Production Office
108 Gulf Building
Midland, Texas

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

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
410 Pierce Avenue
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

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

Pan American Petroleum Corporation (12)
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Mr. R. F. Rood or Mr. V. H.
508 Bank Building Stone
Bartlesville, Oklahoma

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Joseph E. Seagram & Sons, Inc.
P. O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

Southern Union Production Company
Fidelity Union Tower
Dallas, Texas

Texas National Petroleum Company
410 Pierce Avenue
Houston 2, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

United States Smelting, Refining
& Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
Liberty Bank Building
Oklahoma City 2, Oklahoma

Union Texas Petroleum
A Division of Allied Chemical Corp.
Suite B-400, 1740 Broadway
Denver 2, Colorado

El Paso Natural Gas Company

El Paso, Texas

March 2, 1961

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF APPROVAL OF THE 1961 DRILLING
PROGRAM

Gentlemen:

This is to inform you that the 1961 Drilling Program for the San Juan 29-6 Unit Area was approved as follows:

1. Regional Supervisor, United States Geological Survey on February 14, 1961.
2. Commissioner of Public Lands of the State of New Mexico on February 17, 1961.
3. Oil Conservation Commission of the State of New Mexico on February 23, 1961.

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

Very truly yours,


Charles Higgins
Area Coordinator
Land Department

CH:GWO:js

SAN JUAN 29-6 UNIT
Working Interest Owners

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

Anderson-Prichard Oil Corporation
Attention: Mr. R. W. Brauchli
Liberty Bank Building
Oklahoma City, Oklahoma

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

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

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

Mrs. Veva Jean Gibbard
P.O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mr. V. A. Johnston
Dallas, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

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

Pan American Petroleum Corporation (12)
Attention: Mr. L. O. Speer, Jr.
P.O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Phillips Petroleum Company
Attention: Mr. R.F. Rood or R.A. Brown
508 Bank Building
Bartlesville, Oklahoma

Rock Island Oil & Refining Company
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. Paul W. Neuenschwander
P.O. Box 192
Sistersville, West Virginia

Southern Union Gas Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

United States Smelting, Refining
& Mining Company
P.O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P.O. Box 1508
Houston, Texas

CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Case # 419

February 23, 1961

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

Attention: Mr. Sam Smith

**Re: 1961 Drilling Program
San Juan 29-6 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 29-6 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
US Geological Survey - Roswell**

C
O
P
Y

In reply refer to:
Unit Division

February 17, 1961

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

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
1961 Drilling Program

Attention: Mr. Sam Smith

Gentlemen:

Your Plan of Development for the calendar year 1961, dated January 6, 1961, for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, which proposes the drilling of four Mesaverde Formation wells, has been approved as of February 17, 1961.

The Commissioner of Public Lands approval is subject to like approval by the Oil and Gas Supervisor of the US Geological Survey and the Director of the Oil Conservation Commission.

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

ESW/mmrc/s

cc: US Geological Survey
Roswell, New Mexico

OCC-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, 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 6, 1961, for the San Juan 29-6 unit, Rio Arriba County, New Mexico, which proposes the drilling of four Mesaverde formation wells, has been approved on this date subject to like approval by the appropriate State 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

Copy to: Washington (w/cy of plan)
NMOCC, Santa Fe (ltr. only)

El Paso Natural Gas Company

El Paso, Texas

January 6, 1961

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
1961 DRILLING PROGRAM

Gentlemen:

Pursuant to Section 10 of the San Juan 29-6 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, does hereby submit for your approval the 1961 Drilling Program for the San Juan 29-6 Unit #14-08-001-439.

Three (3) wells were completed in the San Juan 29-6 Unit Area during the 1960 calendar year. Two (2) wells were completed in the Mesaverde Formation and one well was a dual completion in the Mesaverde and Dakota Formations. The three Mesaverde drilling blocks have been included in the Participating Area for the Mesaverde Formation and the Participating Area for the Dakota Formation will be expanded to include the acreage regarded as reasonably proved to be productive.

Set out immediately below is a recapitulation of the wells that have been completed in the San Juan 29-6 Unit Area:

<u>FORMATION</u>	<u>NUMBER OF WELLS</u>
Mesaverde only	58
Dual, Mesaverde-Dakota	2

Continued

<u>FORMATION</u>	<u>NUMBER OF WELLS</u>
Dual, Mesaverde-Dakota (Non-commercial in Dakota)	1
Dual, Mesaverde-Dakota (Dakota plugged and Abandoned)	1
Total	<u>62</u>

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a Drilling Program for the calendar year 1961, consisting of four (4) Mesaverde Wells as set out below:

<u>DRILLING BLOCK</u>	<u>FORMATION</u>
W/2 Section 9, T-29-N, R-6-W	Mesaverde
W/2 Section 10, T-29-N, R-6-W	Mesaverde
E/2 Section 15, T-29-N, R-6-W	Mesaverde
E/2 Section 29, T-29-N, R-6-W	Mesaverde

El Paso Natural Gas Company intends to drill the Mesaverde wells 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 3200'. A production liner 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.

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.

The working interest owners have been contacted and this Drilling Program reflects their requests for additional drilling.

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 shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By


Sam Smith, Manager
Land Department

SS:GWO: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: G. H. Porter, Jr. DATE: 2.23-61
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 29-6
Unit, Rio Arriba County, New Mexico.

SAN JUAN 29-6 UNIT
Working Interest Owners

Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma
Attention: Mr. R.F. Rood or R.A. Brown

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

United States Smelting, Refining &
Mining Company
P.O. Box 1877
Wilco Building
Midland, Texas

Mr. V. A. Johnston
Ralls, Texas

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

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

Rock Island Oil & Refining Company
321 West Douglas
Wichita, Kansas

Western Natural Gas Company
P.O. Box 1508
Houston, Texas
Attention: Mr. K. P. Moore

Pan American Petroleum Corporation (12)
P.O. Box 480
Farmington, New Mexico
Attention: Mr. L. O. Speer, Jr.

Southern Union Gas Company
Fidelity Union Tower Building
1507 Pacific Avenue
Dallas, Texas

Southern Petroleum Exploration, Inc.
P.O. Box 192
Sistersville, West Virginia
Attention: Mr. Paul W. Neuenschwander

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

Mrs. Willie Johnston
311 Grandview Avenue
Clarksville, Arkansas

Mr. T. H. McElvain
220 Shelby St.
Santa Fe, New Mexico

First National Bank of Fort Worth
Trustee for Eula Mae Johnston
Fort Worth, Texas

Anderson-Prichard Oil Corporation
Liberty Bank Building
Oklahoma City, Oklahoma
Attention: Mr. R. W. Brauchli

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Mrs. Veva Jean Gibbard
P.O. Box 436
Sulphur, Oklahoma

MAIN OFFICE 000

El Paso Natural Gas Company

JUN 17 1960

El Paso, Texas

June 17, 1960

Case # 419

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Commissioner of Public Lands
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-6 Unit
No. 14-08-001-439

Gentlemen:

You will find set out below the dates that action was taken by the regulatory bodies recognizing El Paso Natural Gas Company as the Unit Operator of the San Juan 29-6 Unit:

1. Acting Director of the United States Geological Survey on May 20, 1960.
2. Commissioner of Public Lands of the State of New Mexico on April 4, 1960.
3. Oil Conservation Commission of the State of New Mexico on June 9, 1960.

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

Very truly yours,

Charles Higgins

Charles Higgins
Area Coordinator
Land Department

CH:GWO:nl

San Juan 29-6 Unit
Working Interest Owners

Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma
Attention: Mr. R. F. Rood or
Mr. R. A. Brown

General American Oil Company of Texas
Meadows Building
Dallas 6, Texas
Attention: Mr. W. P. Barnes

Southern Union Gas Company
Burt Building
Dallas, Texas
Attention: Mr. D. W. Whitlow

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. Tom Bolack
1010 N. Dustin
Farmington, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Southern Petroleum Exploration, Inc.
P. O. Box 192
Sistersville, West Virginia
Attention: Mr. Paul W. Neuenschwander

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

Rock Island Oil and Refining Company
321 West Douglas
Wichita, Kansas

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

Pan American Petroleum Corporation (12)
P. O. Box 400
Farmington, New Mexico

United States Smelting, Refining &
Mining Company
900 Patterson Building
Denver, Colorado

Mr. V. A. Johnston
Ralls, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mrs. Willie Johnston
311 Grandview Avenue
Clarksville, Arkansas

First National Bank of Fort Worth
Trustee for Eula Mae Johnston
Fort Worth, Texas

Anderson-Prichard Oil Corporation
Liberty Bank Building
Oklahoma City, Oklahoma
Attention: Mr. R. W. Brauchli

Mr. Orville C. Rogers
3840 West Bay Circle
Dallas 14, Texas

Mrs. Veva Jean Gibbard
1229 W. Tishomingo
Sulphur, Oklahoma

OIL CONSERVATION COMMISSION

P. O. BOX 871
SANTA FE, NEW MEXICO

419

June 9, 1960

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

Attention: Mr. Charles Higgins

Re: Change of Operator, San
Juan 29-6 Unit, Rio Arriba
County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission approves El Paso Natural Gas Company as Unit Operator for San Juan 29-6 Unit.

As the surviving corporation by merger with Pacific Northwest, El Paso Natural Gas Company complies fully with the terms of the San Juan 29-6 Unit Agreement allowing El Paso's assumption of rights, duties, obligations and responsibility of Unit Operator.

The approval of this change of Unit Operator is made subject to like approval by the Director of the United States Geological Survey and the Commissioner of Public Lands.

One approved copy is enclosed.

Very truly yours,

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

ALP/JEK/jar

cc: United States Geological Survey - Roswell

Commissioner of Public Lands - Santa Fe

C
O
P
Y

El Paso Natural Gas Company

El Paso, Texas

June 7, 1960

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. J. E. Kapteina

Re: Change of Operator
San Juan 29-6 Unit, Rio
Arriba County, New Mexico

Gentlemen:

Thank you for your letter of June 6, 1960 in which you write that you apparently failed to receive copies of El Paso's application for Unit Operator of the San Juan 29-6 Unit.

In response to your suggestion, we are enclosing two copies of this application, which is dated March 28, 1960, and will appreciate your returning one approved copy to us for our files.

Very truly yours,



Charles Higgins
Area Coordinator
Land Department

CH:SWO:nl
Enclosures

El Paso ^{MAIL OFFICE OCC} Natural Gas Company

1960 JUN 03 PM 1:08
El Paso, Texas

June 1, 1960

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico

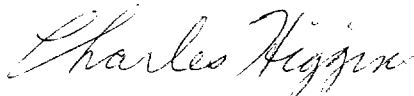
Gentlemen:

By letter dated March 28, 1960 and addressed to the regulatory bodies, El Paso Natural Gas Company officially informed the regulatory bodies of its merger with Pacific Northwest Pipeline Corporation and requested El Paso Natural Gas Company, as the surviving corporation, be approved as the unit operator. By letters dated the same date a similar request was made for a number of other units and by a series of letters dated April 22, 1960 the Oil Conservation Commission approved El Paso Natural Gas Company as the unit operator of said units. However, we have failed to receive an approval covering the San Juan 29-6 Unit, and since it is possible that said approval was lost in transit, we would appreciate your checking to determine whether or not the approval was granted and the letter lost in transit or approval has been held up for some reason.

If, in the event, approval has been granted, we will appreciate your furnishing us with a photostatic copy of the approved request at your earliest convenience.

Please invoice us for any charges that may be made in connection with your furnishing us such a copy.

Very truly yours,



Charles Higgins
Area Landman
Land Department

CH:GWC:js

El Paso Natural Gas Company

El Paso, Texas

April 22, 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 29-6 Unit Area #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF APPROVAL OF THE 1960
DRILLING PROGRAM

Gentlemen:

This is to advise you that the 1960 Drilling Program for the San Juan 29-6 Unit Area was approved as follows:

1. Acting Supervisor, United States Geological Survey
on March 23, 1960.
2. Commissioner of Public Lands of the State of New Mexico
on February 17, 1960.
3. Oil Conservation Commission of the State of New Mexico
on April 20, 1960.

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

Very truly yours,

Charles Higgins

Charles Higgins
Area Landman
Land Department

CH:GWO:js

Attachment

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Case 419

C
O
P
Y

April 20, 1960

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

Attention: Mr. Sam Smith

Re: 1960 Plan of Development,
San Juan 29-6 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 29-6 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 plan are returned herewith.

Very truly yours,

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

ALP/JEK/pj

cc: State Land Office - Santa Fe

United States Geological Survey - Roswell

In reply refer to:
Unit Division

April 4, 1960

Case #419

C

O

El Paso Natural Gas Company
El Paso, Texas

ATTENTION: Mr. Sam Smith

P

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

Y

The Commissioner of Public Lands, approves the designation of El Paso Natural Gas Company as operator of the above designated unit.

Change of operator of this unit being due to Pacific Northwest Pipeline Corporation, being merged with and into El Paso Natural Gas Company, El Paso, Texas as the surviving corporation.

Section 6 of the Unit Agreement has been complied with, and the working interest owners of the unit have confirmed El Paso as being acceptable as Unit Operator.

We are enclosing two approved copies of this designation. Please remit two dollars (\$2.00) filing fee to cover handling of these documents.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands
BY:

Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/s
cc:

OCC-Santa Fe
USGS-Roswell

El Paso Natural Gas Company

El Paso, Texas

March 28, 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 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico

Gentlemen:

Since December 31, 1959, on which date Pacific Northwest Pipeline Corporation was merged with and into El Paso Natural Gas Company, El Paso, as the surviving corporation, has been acting in the capacity of Operator of the captioned Unit.

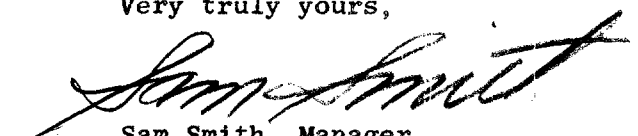
In compliance with Section 6 of the Unit Agreement, the working interest owners were polled to ascertain if El Paso was acceptable to succeed Pacific as Unit Operator. The results of voting by a majority of the working interest ownership has confirmed El Paso as Unit Operator.

In the event El Paso's confirmation as Unit Operator is approved by the regulatory agencies, El Paso assumes and accepts all of the rights, duties, obligations and responsibilities attendant upon the Operator of the captioned Unit pursuant to the terms of the Unit Agreement and Unit Operating Agreement.

We herewith respectfully request that El Paso Natural Gas Company be approved as Unit Operator in the space provided on the attached sheet and that one copy be returned to this office.

A copy of this letter is being sent to all working interest owners within this Unit.

Very truly yours,


Sam Smith, Manager
Land Department

San Juan 29-6 Unit
Working Interest Owners

Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma
Attention: Mr. R. F. Rood or
Mr. R. A. Brown

General American Oil Company of Texas
Meadows Building
Dallas 6, Texas
Attention: Mr. W. P. Barnes

Southern Union Gas Company
Burt Building
Dallas, Texas
Attention: Mr. D. W. Whitlow

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. Tom Bolack
1010 N. Dustin
Farmington, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Southern Petroleum Exploration, Inc.
P. O. Box 192
Sistersville, West Virginia
Attention: Mr. Paul W. Neuenschwander

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

Rock Island Oil and Refining Company
321 West Douglas
Wichita, Kansas

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

Pan American Petroleum Corporation
P. O. Box 487
Farmington, New Mexico

United States Smelting Refining &
Mining Company
900 Patterson Building
Denver, Colorado

M. V. A. Johnston
Dallas, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mrs. Willie Johnston
311 Grandview Avenue
Clarksville, Arkansas

First National Bank of Fort Worth
Trustee for Eula Mae Johnston
Fort Worth, Texas

Anderson-Prichard Oil Corporation
Liberty Bank Building
Oklahoma City, Oklahoma
Attention: Mr. R. W. Brauchli

Mr. Orville C. Rogers
3835 Beechwood Lane
Dallas, Texas

Mrs. Veva Jean Gibbard
1229 W. Tishomingo
Sulphur, Oklahoma

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: _____

APPROVED:

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

DATE: *June 9, 1966*

P. O. Box 6721
Roswell, New Mexico

March 23, 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 December 8, 1959, for the San Juan 29-6 unit area, No. 14-08-001-439, Rio Arriba County, New Mexico, which proposes the drilling of two Masaverde 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,

JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Enclosure

Copy to: Washington (w/cy of plan)
Farmington (w/cy of plan)
NMOCC, Santa Fe (ltr only) ✓
Comm. of Pub. Lands, Santa Fe (ltr only)

In reply refer to:
Unit Division

February 17, 1960

C
O
P
Y
El Paso Natural Gas Company
P. O. Box 1526
Salt Lake City 10, Utah

ATTENTION: Mr. R. N. Richey

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
Plan of Development for
Calendar Year 1960

Gentlemen:

We are enclosing one copy of the 1960 Plan of Development for the San Juan 29-6 Unit, which was approved by the Commissioner of Public Lands February 17, 1960.

Please furnish us another copy of this document when it is fully executed.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/m

cc:

OCC- Santa Fe
USGS- Roswell

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

December 8, 1959

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
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
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
PLAN OF DEVELOPMENT FOR CALENDAR
YEAR 1960

Pursuant to Section 10 of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, respectfully submits herewith for your approval the 1960 Plan of Development for the subject unit providing for the drilling of the wells set out below during the period from January 1, 1960, to December 31, 1960.

The Plan of Development for 1959 on San Juan 29-6 Unit called for the drilling of five Mesaverde wells. Tabulated below is the status of the wells shown on this Plan of Development.

<u>Location</u>	<u>Drilling Status</u>	<u>Formation</u>	<u>Determination</u>
E/2 of Sec. 4, T-29-N, R-6-W	Complete	MV - DAK (dual)	MV - Commercial DAK - Noncommercial
E/2 of Sec. 13, T-29-N, R-6-W	Complete	MV - DAK (dual)	Commercial
E/2 of Sec. 16, T-29-N, R-6-W	Complete	Mesaverde	Commercial
E/2 of Sec. 28, T-29-N, R-6-W	Complete	MV - DAK (dual)	MV - Commercial DAK - Noncommercial
E/2 of Sec. 30, T-29-N, R-6-W	Complete	Mesaverde	Commercial

Pacific Northwest Pipeline Corporation, as Unit Operator, in concurrence with the other working interest owners in the unit, proposes the following Plan of Development for 1960:

1. Drill the following wells:

<u>Location</u>	<u>Formation</u>
E/2 of Sec. 19, T-29-N, R-6-W	Mesaverde
E/2 of Sec. 9, T-29-N, R-6-W	Mesaverde

Plan of Development 1960
San Juan 29-6 Unit

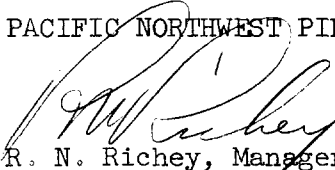
2. Drill any wells required to prevent Unit drainage.
3. Drill additional Mesaverde wells which may be requested by working interest owners.
4. Drill wells to other horizons when authorized by working interest owners.

Gas drilling will be employed wherever practicable and it is contemplated that casing will be set through the potentially productive gas sands. Completions will be effected by perforating the casing opposite best log indications and applying high velocity frac treatment. Multiple zone completions will be made when appropriate and properly approved.

If this drilling program is acceptable, please signify your approval, as requested under Section 10 of the Unit Agreement, in the space provided below and return an approved copy to Pacific Northwest Pipeline Corporation.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


R. N. Richey, Manager
Land Department

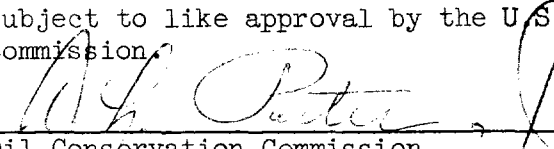
RNR:CVD:kfb
Attachment

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:  _____ DATE: 4-22-60
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

October 15, 1959

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
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
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS AND TWENTY-SEVENTH EXPANSION
OF THE PARTICIPATING AREA for the
Mesaverde formation
Effective October 1, 1959

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that three additional wells capable of producing unitized substances in paying quantities in the Mesaverde formation have been completed on acreage committed to this unit.

The well data is as follows:

1. The San Juan 29-6 Unit Well #63-30 located 800' from the North line and 800' from the East line of Section 30, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on July 29, 1959, and completed on August 23, 1959 in the Mesaverde formation at a total depth of 5733'. The Mesaverde formation between 4946' and 5628' was perforated and sand-water fraced. After being shut-in for gauge for approximately 7 days, the well was tested on September 17, 1959, and following a three hour blow-down period the Mesaverde formation gauged 5003 MCFGPD by the calculated absolute open flow method with SIPT 1068#. The committed drilling block upon which this well is located is described as the E/2 of Section 30, Township 29 North, Range 6 West, N.M.P.M. containing 320 acres. This drilling block is hereby included in this Twenty-Seventh Expansion

Twenty-seventh Expansion and
Well Completions
October 15, 1959
Page 2

of the Mesaverde Participating Area effective October 1, 1959. Also with the completion of this well, there is created an intervening drilling block described as the E/2 of Section 19, Township 29 North, Range 6 West, N.M.P.M.

This intervening drilling block containing 320 acres is hereby admitted to the Mesaverde Participating Area effective October 1, 1959.

2. The San Juan 29-6 Unit Well #62-4 located 1090' from the North line and 1090' from the East line of Section 4, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, was spudded on July 5, 1959 and completed September 10, 1959, in the Mesaverde formation at a total depth of 7756'. The Mesaverde formation was perforated and sand-water fraced at intervals between 5134' and 5606'. After being shut-in for gauge for approximately 22 days the well was tested on September 23, 1959 and following a three hour blow-down period the Mesaverde formation gauged 6573 MCF/D through 3/4" choke and 8938 MCF/D by the calculated absolute open flow method with SITP of 945#. The committed drilling block upon which this well is located is described as the E/2 of Section 4, Township 29 North, Range 6 West, containing 319.91 acres. This drilling block was included in the San Juan 29-6 Mesaverde Participating Area on a previous expansion effective June 1, 1958; therefore, the Participating Area is not hereby further enlarged with this completion.

This well was drilled to the Dakota formation and was to have been completed as a dual Mesaverde-Dakota well; however, after continued failures in attempts to gauge the Dakota formation this portion of the well was cemented off and is now considered plugged and abandoned.

3. The San Juan 29-6 Unit Well #33-13 located 800' from the North line and 1145' from the East line of Section 13, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded July 27, 1959, and completed on August 28, 1959, in the Mesaverde and Dakota formations at a total depth of 8074'. The Mesaverde formation was perforated and sand-water fraced at intervals between 5355' and 5804'. After being shut-in for gauge for approximately 14 days, the Mesaverde formation was tested

Twenty-seventh Expansion and
Well Completions
October 15, 1959
Page 3

on September 28, 1959, and following a three hour blow-down period the well gauged 4575 MCF/D through 3/4" choke and 5216 MCF/D by the calculated absolute open flow method with SITP 1015#. The committed drilling block on which this well is located is the E/2 of Section 13, Township 29 North, Range 6 West, containing 232.16 acres. This drilling block was included in the San Juan 29-6 Mesaverde Participating Area on a previous expansion effective July 1, 1958; therefore, the Participating Area is not further enlarged with this completion.

Well #33-13, as previously mentioned, is drilled to and completed in the Dakota formation and pursuant to Section 11 (b) of the San Juan 29-6 Unit Agreement will be reported on by separate letter.

Attached is Schedule XXVIII showing the Twenty-Seventh Expansion of the Participating Area for the Mesaverde formation of the subject unit. This Schedule describes the expanded participating area and gives the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the Mesaverde Participating Area in effect with this expansion.

Copies of this letter and Schedule are being sent to all working interest owners in the 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



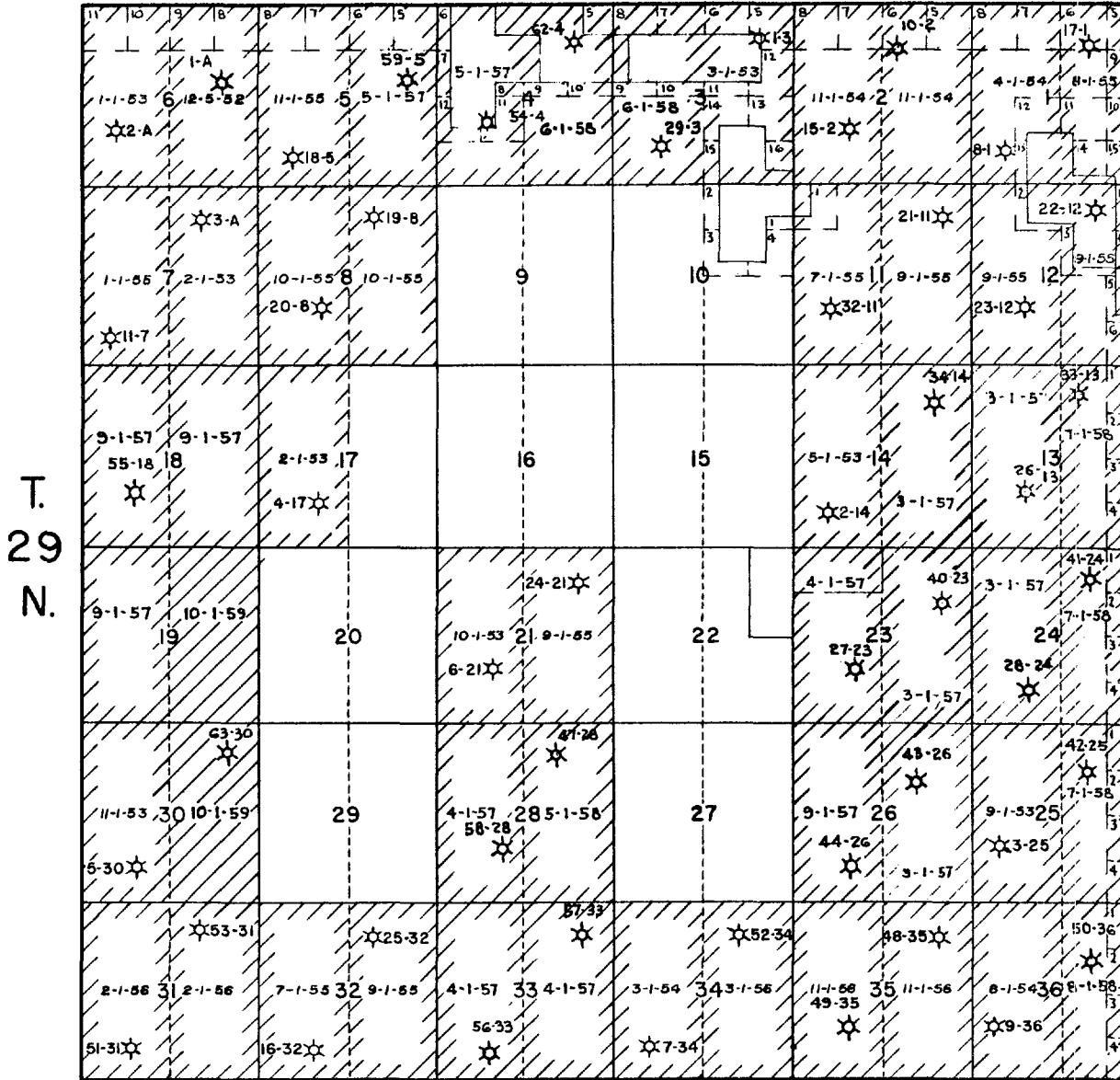
Claude Van Dyke
District Manager, Land Department

CVD:jc

Enc.

EXHIBIT "A"

R. 6 W.



SAN JUAN 29-6 UNIT

RIO ARRIBA COUNTY, NEW MEXICO

Mesaverde Participating Area

TWENTY SEVENTH REVISION EFFECTIVE OCTOBER 1, 1959

SCALE 1 inch = 1 mile



Participating area.



Drilling blocks added to participating area by this revision.

NOTE: Effective date of inclusion is shown on each drilling block admitted to participating area.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

March 30, 1959

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

*File
419*

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit
1959 Plan of Development

This is to advise that the 1959 Plan of Development for the San Juan 29-6 Unit has been approved as follows:

1. Supervisor, United States Geological Survey, March 23, 1959.
2. Commissioner of Public Lands, State of New Mexico, February 6, 1959.
3. Oil Conservation Commission, State of New Mexico, January 7, 1959.

Copies of this letter are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

Claude Van Dyke
Claude Van Dyke
District Manager, Land Department

CVD:jc

P. O. Box 6721
Roswell, New Mexico

March 23, 1959

Pacific Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City 10, Utah


Attention: Mr. R. N. Richey

Gentlemen:

Your Plan of Development for 1959, dated December 16, 1958, for the San Juan 29-6 unit area, No. 14-08-001-439, Rio Arriba County, New Mexico, which proposes the drilling of five Mesaverde formation wells, has been approved on this date subject to like approval by the appropriate State Officials.

One approved copy of the plan is enclosed.

Very truly yours,



EDWIN M. THOMASSON
Acting Oil and Gas Supervisor

Enclosure 1

Copy to: Washington (w/cy of plan)
Farmington (w/cy of plan)
NMOCC, Santa Fe (letter only)
Comm. of Pub. Lands, Santa Fe (letter only)

File 419

OFFICE OCC

In reply refer to:
Unit Division

February 6, 1959

C
O
P
Y

Pacific Northwest Pipeline Corp.
P. O. Box 1526
Salt Lake City 10, Utah

Re: 1959 PLAN OF DEVELOPMENT
San Juan 29-6 Unit
Rio Arriba County, New Mexico

ATTENTION: Mr. R. N. Richey

Gentlemen:

We are enclosing one copy of the above designated
Plan of Development, which was approved by the Commissioner
of Public Lands February 6, 1959.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/m

cc: OCC- Santa Fe
USGS- Roswell

CONSERVATION COMMIS: N

P. O. BOX 871

SANTA FE, NEW MEXICO

File

January 7, 1959

419

C

Pacific Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City 10, Utah

ATTENTION: Mr. R. N. Richey

RE: Plan of Development For
Calendar Year 1959 San
Juan 29-6 Unit Rio Arriba
County, New Mexico.

O

Gentlemen:

P

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development For Calendar Year 1959 for the San Juan 29-6 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.

Y

Very truly yours,

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

ALP/RLS/ig

cc: State Land Office - Santa Fe
US Geological Survey - Roswell

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

DEC 16 1958

REPLY TO
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
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
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
PLAN OF DEVELOPMENT FOR CALENDAR
YEAR 1959

Pursuant to Section 10 of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, respectfully submits herewith for your approval the 1959 Plan of Development for the subject unit providing for the drilling of the wells set out below during the period from January 1, 1959, to December 31, 1959.

The Plan of Development for 1958 on San Juan 29-6 Unit called for the drilling of ten Mesaverde wells. All of these ten wells were completed successfully and have been admitted to the Mesaverde Participating Area.

Pacific Northwest Pipeline Corporation, as Unit Operator, in concurrence with the other working interest owners in the unit, proposes the following Plan of Development for 1959:

1. Drill the following wells:

<u>Location</u>	<u>Formation</u>	<u>Date Requirement</u>
E/2 of Sec. 4, T 29 N, R 6 W	Mesaverde	Commence by 6-1-59
E/2 of Sec. 13, T 29 N, R 6 W	Mesaverde	Commence by 7-1-59
E/2 of Sec. 16, T 29 N, R 6 W	Mesaverde	Complete Prior to 12-1-59
E/2 of Sec. 28, T 29 N, R 6 W	Mesaverde	Commence by 5-1-59
E/2 of Sec. 30, T 29 N, R 6 W	Mesaverde	Commence by 9-5-59

Plan of Development 1959
San Juan 29-6 Unit

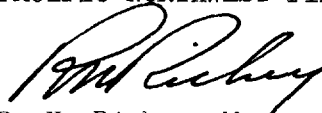
2. Drill any wells required to prevent Unit drainage.
3. Drill additional Mesaverde wells which may be requested by working interest owners.
4. Drill exploratory wells to other horizons when authorized by working interest owners.

Gas drilling will be employed wherever practicable and it is contemplated that casing will be set through the potentially productive gas sands. Completions will be effected by perforating the casing opposite best log indications and applying high velocity frac treatment. Multiple zone completions will be made when appropriate and properly approved.

If this drilling program is acceptable, please signify your approval, as requested under Section 10 of the Unit Agreement, in the space provided below and return an approved copy to Pacific Northwest Pipeline Corporation.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



R. N. Richey, Manager
Land Department

RNR:CVD:jc
Attachment

APPROVED: _____
Supervisor, United States Geological Survey

DATE: _____

Subject to like approval by the appropriate State officials.

APPROVED: _____
Commissioner of Public Lands

DATE: _____

Subject to like approval by the U.S.G.S. and Oil Conservation Commission.

APPROVED:  _____
Oil Conservation Commission

DATE: June 7, 1959

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

PACIFIC NORTHWEST PIPELINE CORPORATION
SALT LAKE CITY, UTAH

SALT LAKE CITY, UTAH

RECEIVED SEP 18 3:38 September 18, 1958

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
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
Post Office Box 871
Santa Fe, New Mexico

File
C-034
419

Gentlemen:

Re: San Juan 29-6 Unit
Unit Agreement Exhibit "B"
Revision #4
August 1, 1958

In our recent distribution of the Exhibit "B" for San Juan 29-6 Unit, we requested that the owners of interest inform us of any changes desired in order to correctly show the owners of interest in the subject unit.

Aztec Oil and Gas Company has advised us of a change in the ownership of the royalty interest under Tracts 22 and 22-A. Accordingly, we have revised the basic royalty interest ownership for these tracts and submit herewith copies of revised page 9 which should be substituted in the original exhibits sent you.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

Claude Van Dyke
Claude Van Dyke
District Manager, Land Department

CVD:jc

Enc.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

April 3, 1958

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
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
Post Office Box 871
Santa Fe, New Mexico

All Working Interest Owners

Gentlemen:

Re: San Juan 29-6 Unit
1958 Plan of Development

This is to advise that the 1958 Plan of Development for the San Juan 29-6 Unit has been approved as follows:

1. Supervisor, United States Geological Survey, March 13, 1958.
2. Commissioner of Public Lands, State of New Mexico, January 24, 1958.
3. Oil Conservation Commission, State of New Mexico, March 28, 1958.

Copies of this letter are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

Claude Van Dyke

Claude Van Dyke
District Manager, Land Department

CVD:jc

OIL CONSERVATION COMMISSION

P. O. BOX 871
SANTA FE, NEW MEXICO

419

March 28, 1958

Pacific Northwest Pipeline Corporation
Box 1526
Salt Lake City 10, Utah

Attention: Mr. R. N. Richey

Re: San Juan 29-6 Unit Area
Rio Arriba County, N.M.
1958 Plan of Development

men:

to advise that the New Mexico Oil Conservation
Commission has this date approved the 1958 Plan of Develop-
ment for the San Juan 29-6 Unit Area, dated December 4,
1957, subject to like approval by the United States Geological
Survey and by the Commissioner of Public Lands of the State of

A copy of the Plan is returned herewith.

Very truly yours,

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

ILLEGIBLE



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 6721
Roswell, New Mexico

March 13, 1958

Pacific Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City 10, Utah

Attention: Mr. R. W. Richey

Gentlemen:

Your plan of development dated December 4, 1957, for the San Juan 29-6 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,

JAMES A. KNAUF
Acting 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)
2111 (w/copy of plan) (letter only)

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

December 4, 1957

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

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

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Re: San Juan 29-6 Unit No. 14-08-001-439
Rio Arriba County, New Mexico
PLAN OF DEVELOPMENT FOR CALENDAR YEAR 1958

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Pursuant to Section 10 of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, is submitting this Plan of Development providing for the drilling of the following wells during the period from January 1, 1958, to December 31, 1958:

<u>LOCATION</u>	<u>FORMATION</u>
W/2 Sec. 3, T 29 N, R 6 W	Mesaverde
E/2 Sec. 5, T 29 N, R 6 W	Mesaverde
E/2 Sec. 18, T 29 N, R 6 W	Mesaverde
W/2 Sec. 19, T 29 N, R 6 W	Mesaverde
E/2 Sec. 24, T 29 N, R 6 W	Mesaverde
E/2 Sec. 25, T 29 N, R 6 W	Mesaverde
E/2 Sec. 26, T 29 N, R 6 W	Mesaverde
W/2 Sec. 28, T 29 N, R 6 W	Mesaverde
E/2 Sec. 33, T 29 N, R 6 W	Mesaverde
E/2 Sec. 36, T 29 N, R 6 W	Mesaverde

The above wells will be drilled to intermediate casing point with conventional hydraulic rotary tools and the remainder of the hole will be drilled with gas tools. After running production casing through the Mesaverde, the gas sands will be selectively perforated and fraced.

In addition to the above wells, Pacific Northwest Pipeline Corporation, 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.

Page 2.

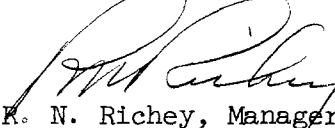
San Juan 29-6 Unit - Plan of Development 1958
December 4, 1957

If this drilling program is acceptable, please signify your approval, as required under Section 10 of the Unit Agreement, in the space provided below and return an approved copy to Pacific Northwest Pipeline Corporation.

Copies of this drilling program have been sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


K. N. Richey, Manager
Land Department

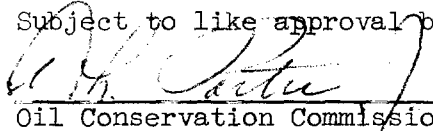
RNR:CVD:mdc
Attachment

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:  _____ DATE: 3-28-58
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

SAN JUAN 29-6 UNIT

WORKING INTEREST OWNERS

Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma
Attention: Mr. R. F. Rood or R. A. Brown

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas
Attention: Mr. Sam Smith

General American Oil Company of Texas
Meadows Building
Dallas 6, Texas
Attention: W. P. Barnes

Southern Union Gas Company
Burt Building
Dallas, Texas
Attention: Mr. D. W. Whitlow

Texas National Petroleum Company
902 S. Coast Life Building
Houston 2, Texas

Anderson-Prichard Oil Corporation
Liberty Bank Building
Oklahoma City, Oklahoma
Attention: Dr. R. W. Brauchli

Mr. Tom Bolack
1010 N. Dustin
Farmington, New Mexico

Mr. T. H. McElvain
220 Shelby
Santa Fe, New Mexico

Southern Petroleum Exploration, Inc.
P. O. Box 192
Sistersville, West Virginia
Attention: Mr. Paul W. Neuenschwander

Aztec Oil and Gas Company
920 Mercantile Securities Building
Dallas, Texas
Attention: Mr. H. L. Snyder

Wood River Oil and Refining Company
321 West Douglas
Wichita, Kansas

El Dorado Oil & Refining Company
El Dorado, Kansas

Pan American Petroleum Corporation
Post Office Box 1410
Fort Worth, Texas
Attention: Mr. E. V. Hewitt

United States Smelting Refining & Mining
P. O. Box 1877
Midland, Texas
Attention: Mr. J. B. Newman

V. A. Johnston
Ralls, Texas

Ralph A. Johnston
1010 So. Coast Life Building
Houston 2, Texas

Mrs. Willie Johnston
311 Grandview Avenue
Clarksville, Arkansas

First National Bank of Fort Worth
Trustee for Eula Mae Johnston
Fort Worth, Texas

Mrs. Lillie Leona Rogers
c/o 3835 Beechwood Lane
Dallas, Texas

Orville C. Rogers
3835 Beechwood Lane
Dallas, Texas

Mrs. Veva Jean Gibbard
1229 W. Tishomingo
Sulphur, Oklahoma

In reply refer to:
Unit Division

January 24, 1958

Pacific Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City 10, Utah

Re: San Juan 29-6 Unit
Plan of Development for
Calendar Year 1958

Attention: Mr. R. W. Richey

Gentlemen:

We are enclosing two copies of the above designated
Plan of Development, which was approved by the Commissioner
of Public Lands January 24, 1958.

Very truly yours,

MURRAY E. MORGAN,
Commissioner of Public Lands

BY:

Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/s
cc:

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

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

October 22, 1957

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

11/11/57 10:00 AM 3:03
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico
Attention: Mr. John Anderson

Mr. Murray E. Morgan
Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

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

Gentlemen:

Re: 1958 Plan of Development
San Juan 29-6 Unit

Pacific Northwest Pipeline Corporation, as operator of the referenced unit, is preparing a Plan of Development for the referenced unit which will include the drilling of approximately ten Mesaverde wells during the year 1958. This plan will be formally submitted after approval of a majority of the Working Interest Owners is received by us.

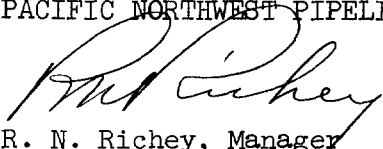
The following three drilling blocks which will appear on the 1958 Plan of Development are wholly owned by Pacific Northwest Pipeline Corporation and, in the event of favorable weather, Pacific will commence operations on one or more of these 1958 wells prior to the end of the current year:

E/2 Section 26, T 29 N, R 6 W
W/2 Section 28, T 29 N, R 6 W
E/2 Section 33, T 29 N, R 6 W

A copy of this letter is being sent to all Working Interest Owners.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


R. N. Richey, Manager
Land Department

RNR:jc

CC: P. T. McGrath, U.S.G.S., Farmington

1119
PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

March 8, 1957

REPLY TO:
P. O. BOX 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
P. O. Box 6721
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

Gentlemen:

file

Re: San Juan 29-6 Unit
1957 Plan of Development

This is to advise that the 1957 Plan of Development for the San Juan 29-6 Unit has been approved as follows:

1. Supervisor, United States Geological Survey, January 28, 1957..
2. Commissioner of Public Lands, State of New Mexico, January 3, 1957.
3. Oil Conservation Commission, State of New Mexico, February 28, 1957.

Copies of this letter are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

Donald L. Anderson
Donald L. Anderson
District Manager, Land Department

DLA:mdc

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 28, 1957

C
O
P
Y

Pacific Northwest Pipeline Company
P. O. Box 1526
Salt Lake City 10, Utah

Attention: Mr. R. N. Richey


Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
Plan of Development
Calendar Year 1957

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for Calendar Year 1957 for the above-captioned unit area, dated December 20, 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 Plan is returned herewith.

Very truly yours,


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

ALP:DSN/ga

bcc: U.S.G.S. - Roswell, N. M.
Commissioner of Public Lands - Santa Fe, N. M.



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

January 28, 1957

Pacific Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City 10, Utah

Attention: Mr. E. H. Lichey

Gentlemen:

Your plan of development dated December 20, 1956, for the San Juan 29-6 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 Oil and Gas Supervisor

Inclosure

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)

100-97302-909

100-97302-909

January 3, 1957

In reply refer to:
Unit Division

Pacific Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City 10, Utah

Re: San Juan 29-6 Unit -
Plan of Development 1957,
Rio Arriba County, N. Mex.

Attention: Mr. R. N. Richey, Manager
Land Department

Gentlemen:

We wish to thank you for your prompt reply to our letter of December 28, 1956.

We are enclosing one copy of the Plan of Development for the year 1957 for the San Juan 29-6 Unit Agreement, which was approved by the Commissioner of Public Lands, Mr. M. E. Morgan, as of January 3, 1957, subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Very truly yours,

MURRAY E. MORGAN
Commissioner of Public Lands

MEM:MNR/m
enc: 1

cc: OCC-Santa Fe
USGS-Roswell

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

December 20, 1956

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
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
Post Office Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit
Rio Arriba Co., New Mexico
Plan of Development
Calendar Year 1957

Gentlemen:

Pursuant to Section 10 of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, is submitting this Plan of Development providing for the drilling of the following wells during the period from January 1, 1957 to December 31, 1957:

<u>LOCATION</u>	<u>FORMATION</u>
W/2, Sec. 35, T-29-N, R-6-W	Mesaverde
W/2, Sec. 4, T-29-N, R-6-W	Mesaverde
W/2, Sec. 18, T-29-N, R-6-W	Mesaverde
W/2, Sec. 26, T-29-N, R-6-W	Mesaverde
W/2, Sec. 33, T-29-N, R-6-W	Mesaverde
W/2, Sec. 24, T-29-N, R-6-W	Mesaverde
E/2, Sec. 14, T-29-N, R-6-W	Mesaverde
W/2, Sec. 13, T-29-N, R-6-W	Mesaverde
W/2, Sec. 23, T-29-N, R-6-W	Mesaverde
E/2, Sec. 23, T-29-N, R-6-W	Mesaverde

The above wells will be drilled to intermediate casing point with conventional hydraulic rotary tools and the pay section will be drilled with gas tools. After running production casing through the Mesaverde, the gas sands will be perforated and fraced.

In addition to the above wells, Pacific Northwest Pipeline Corporation, as Unit Operator, also plans to drill any offset wells required to prevent drainage of unitized substances.

Re: San Juan 29-6 Unit


December 20, 1956

If this drilling program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided below and return an approved copy to Pacific Northwest Pipeline Corporation.

Copies of this drilling program are being sent to all Working Interest Owners in the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



R. N. Richey, Manager
Land Department


RNR:DLA:jl

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:  _____ DATE: 2-28-57
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

October 15, 1956

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

*Case
419*

file

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

In re: (San Juan 29-6 Unit)
1956 Plan of Development

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

The 1956 Plan of Development for the referenced unit provided for the drilling of the wells which, with current status shown, are listed below:

Location	Well No.	Objective Formation	Completion Date	Well Test		Present Status
				3 Hr. IP Thru 3/4" Choke	CAOF	
W/2 Sec. 11-29N-6W	32-11	MV	2-27-56	4,318Mcf	9,645Mcf	Shut In
W/2 Sec. 18-29N-6W	-	MV	-	-	-	Not Drilled
E/2 Sec. 31-29N-6W	53-31	MV	9-11-56	6,395Mcf	17,925Mcf	Shut In
E/2 Sec. 34-29N-6W	52-34	MV	2-27-56	5,436Mcf	11,609Mcf	Producing
E/2 Sec. 35-29N-6W	48-35	MV	-	-	-	Drilling

Please consider the well scheduled for the W/2 of Section 18, Township 29 North, Range 6 East, as deleted from the 1956 Plan of Development for the reason that a title controversy has arisen within this drilling block which prevents its development until either a settlement can be made or a judgment rendered.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

R. H. Richey
R. H. RICHEY, Manager
Land Department

RNR:DLA:jb



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

February 8, 1956

Pacific Northwest Pipeline Corporation
Sims Building
Albuquerque, New Mexico

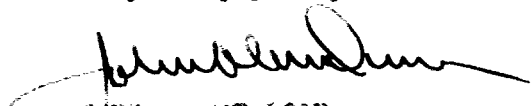
Attention: Mr. E. N. Richey

Gentlemen:

Your plan of development dated December 9, 1955, for the San Juan 29-6 Unit Area, New Mexico, for the calendar year 1956, has been approved on this date subject to like approval by the appropriate State of New Mexico officials.

One approved copy of the plan is enclosed.

Very truly yours,


JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Enclosure

Copy to: W&A (w/copy of plan)
Bureau (w/copy of plan)
Bureau of Public Lands, Santa Fe (letter only)
> Bureau of Reclamation, Santa Fe (letter only)

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

January 5, 1956

Pacific Northwest Pipeline Corporation
Simms Building
Albuquerque, New Mexico

file

Attention: Mr. R. N. Richey

Re: (San Juan 29-6 Unit) Area
Rio Arriba County, New Mexico
1956 Plan of Development

Gentlemen:

This is to advise that the Plan of Development for the San Juan 29-6 Unit Area, dated December 9, 1955, has this date been approved the New Mexico Oil Conservation Commission, 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,

W. B. Macey
Secretary-Director

WBM:jh

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

C
O
P
Y

4119

December 29, 1955

file

Pacific Northwest Pipeline Corporation
Simms Building
Albuquerque, New Mexico

Re: (San Juan 29-6 Unit Area,
Rio Arriba and San Juan
Counties, New Mexico.
PLAN OF DEVELOPMENT FOR
CALENDAR YEAR 1956.

Gentlemen:

We are enclosing one copy of the Plan of Development for Calendar Year 1956 for the San Juan 29-6 Unit Area, Rio Arriba and San Juan Counties, New Mexico, which was approved by the Commissioner of Public Lands December 29, 1955, subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Very truly yours,

E. S. WALKER
Commissioner of Public Lands

MMR/m
enc: 1

cc: USGS-Roswell
OCC-Santa Fe

PACIFIC NORTHWEST PIPELINE CORPORATION

PHONE 7-0211 • SIMMS BUILDING

ALBUQUERQUE, NEW MEXICO

December 9, 1955

Re: San Juan 29-6 Unit Area,
Rio Arriba and San Juan
Counties, New Mexico.
PLAN OF DEVELOPMENT FOR
CALENDAR YEAR 1956.

Director,
United States Geological Survey
Department of the Interior
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.

Gentlemen:

Pursuant to Section 10 of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, is submitting this Plan of Development providing for the drilling of the following wells during the period from January 1, 1956 to December 31, 1956:

<u>LOCATION</u>	<u>FORMATION</u>
W $\frac{1}{2}$ Sec. 11, T 29N, R 6W	Mesaverde
W $\frac{1}{2}$ Sec. 18, T 29N, R 6W	Mesaverde
E $\frac{1}{2}$ Sec. 31, T 29N, R 6W	Mesaverde
E $\frac{1}{2}$ Sec. 34, T 29N, R 6W	Mesaverde
E $\frac{1}{2}$ Sec. 35, T 29N, R 6W	Mesaverde

The above wells will be drilled to intermediate casing point with conventional hydraulic rotary tools and the pay section will be drilled with gas tools, After running production casing through the Mesaverde, the gas sands will be selectively perforated and fraced.

In addition to the above wells, Pacific Northwest Pipeline Corporation, as Unit Operator, also plans to drill any offset wells required to prevent drainage of unitized substances.

If this drilling program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided below and return an approved copy to Pacific Northwest Pipeline Corporation.

Copies of this drilling program are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

R. N. Richey
R. N. RICHEY, Manager,
Land Department.

RNR:DNC:gm

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: W B Masey DATE: JAN 5 1956
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

SAN JUAN 29-6 UNIT

WORKING INTEREST OWNERS

Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma.
Attention: Mr. G. E. Benskin.

Aztec Oil and Gas Company
920 Mercantile Securities Bldg.
Dallas, Texas.
Attention: Mr. H. B. Jester.

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas.
Attention: Mr. R. L. Hamblin.

Wood River Oil & Refining Co.
321 West Douglas
Wichita, Kansas.

General American Oil Company of Texas
Meadows Building
Dallas, Texas.
Attention: Mr. W. P. Barnes.

El Dorado Oil & Refining Co.
El Dorado, Kansas.

Southern Union Gas Company
Burt Building
Dallas, Texas.
Attention: Mr. D. W. Whitlow.

Stanolind Oil and Gas Company
P. O. Box 1410
Fort Worth, Texas.
Attention: Mr. C. F. Bedford.

Texas National Petroleum
902 South Coast Life Building
Houston 2, Texas.

United States Smelting, Refining,
& Mining Company
P. O. Box 1877
Midland, Texas
Attention: Mr. J. B. Newman.

Anderson-Prichard Oil Corporation
Liberty Bank Building
Oklahoma City, Oklahoma.
Attention: Dr. R. W. Brauchli

Mr. Wm. T. Payne, Executor of the
Estate of Wm. G. Johnston
First National Building
Oklahoma City, Oklahoma.

Mr. Tom Bolack
1010 North Duston
Farmington, New Mexico.

Mr. T. H. McElvain
220 Shelby
Santa Fe, New Mexico.

Southern Petroleum Exploration, Inc.
P. O. Box 192
Sistersville, West Virginia.
Attention: Mr. Paul W. Neuenschwander.

PACIFIC NORTHWEST PIPELINE CORPORATION

PHONE 7-0211 • SIMMS BUILDING

ALBUQUERQUE, NEW MEXICO

December 5, 1955

Re: (San Juan 29-6 Unit
#14-08-001-439, Rio
Arriba County, N.M.)

file

Regional Supervisor
United States Geological Survey
Department of the Interior
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.

Gentlemen:

Under date of April 13, 1955, Phillips Petroleum Company, as Unit Operator, submitted for your approval a Plan of Development for the year 1955 for the San Juan 29-6 Unit and on May 26, 1955, Pacific Northwest Pipeline Corporation, as Successor Unit Operator of this Unit, submitted a Supplemental Plan of Development for the same period. These Plans of Development were duly approved by the appropriate governmental agencies.

The Plan of Development dated April 13, 1955, provided for the drilling of five Mesaverde wells and the Plan of Development dated May 26, 1955, provided for the drilling of thirteen additional Mesaverde wells. The locations provided for in the above plans are as follows:

INITIAL PLAN OF DEVELOPMENT

T 29N R 6W

Sec. 1: NE $\frac{1}{4}$
Sec. 2: SW $\frac{1}{4}$
Sec. 31: SW $\frac{1}{4}$
Sec. 32: SW $\frac{1}{4}$
Sec. 32: NE $\frac{1}{4}$

Re: 29-6 Unit

SUPPLEMENTAL PLAN OF DEVELOPMENT

T 29N R 6W

Sec. 5: $W\frac{1}{2}$
Sec. 8: $E\frac{1}{2}, W\frac{1}{2}$
Sec. 11: $E\frac{1}{2}, (W\frac{1}{2})$
Sec. 12: $W\frac{1}{2}, E\frac{1}{2}$
Sec. 13: $W\frac{1}{2}$
Sec. 21: $E\frac{1}{2}$
Sec. 22: $E\frac{1}{2}$
Sec. 23: $W\frac{1}{2}$
Sec. 24: $W\frac{1}{2}$
Sec. 28: $E\frac{1}{2}$

As of this date we have completed four of the five wells contemplated on the initial plan and are in the process of drilling the fifth well. Of the additional wells provided in the Supplemental Plan of Development filed May 26, 1955, Pacific has completed the drilling of seven of the thirteen wells provided therein. The well provided in the Supplemental Plan of Development to be located on the $W\frac{1}{2}$ of Sec. 11, T 29N, R 6W, will be deferred until 1956 and included on the Plan of Development for that calendar year. We wish to advise, however, that we do not plan to drill the five wells which were to be located on the $W\frac{1}{2}$ of Sec. 13, $E\frac{1}{2}$ of Sec. 22, $W\frac{1}{2}$ of Sec. 23, $W\frac{1}{2}$ of Sec. 24 and $E\frac{1}{2}$ of Sec. 28, T 29N R 6W, and must therefore drop them from the Supplemental Plan of Development in which they appear.

By copies of this letter we are advising all Working Interest Owners within the Unit of these changes in the 1955 Plans of Development.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


R. N. RICHEY, Manager,
Land Department.

RNR : DNC : gm

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

file

June 20, 1955

Pacific Northwest Pipeline Corporation
Simms Building
Albuquerque, New Mexico

Attention: Mr. R. N. Richey

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
1955 Supplemental Plan of
Development

Gentlemen:

This is to advise that the 1955 Supplemental Plan of Development for the above-captioned unit, dated May 26, 1955, has this date been approved by the New Mexico Oil Conservation Commission, subject to like approval by the U. S. Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

It is understood that the ten wells provided for in this supplemental plan of development are to be drilled in addition to the five locations included in the amended plan of development dated April 13, 1955, which was submitted by Phillips Petroleum Company.

Two copies of future plans should be submitted to this office if you desire an approved copy for your files. In this case only one copy was received.

Very truly yours,

WBM

W. B. MACEY,
Secretary-Director

WBM/ir

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

C
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

June 2, 1955

Pacific Northwest Pipeline Corp.
Sims Building
Albuquerque, New Mexico

file

Gentlemen:

The supplemental plan of development dated May 26, 1955, for the San Juan 29-6 unit area, New Mexico, No. 14-08-001-439, has been approved on this date, subject to like approval by the appropriate State officials. The supplemental plan provides for the drilling of eight additional wells, making a total of 13 wells to be drilled in the unit area during the calendar year 1955.

A minimum of four copies of such plans should be filed in this office, if you desire an approved copy returned for your files. In this case only three were received.

Very truly yours,

Chas. Sgd. JOHN A. ANDERSON
JOHN A. ANDERSON

Copy to: Cons. Div., Wash. (w/1 copy of plan)
NMOCC, Santa Fe (ltr only) ✓

Jan

PACIFIC NORTHWEST PIPELINE CORPORATION

PHONE 3-3547 • SIMMS BUILDING

ALBUQUERQUE, NEW MEXICO

May 26, 1955

See files

Re: Supplemental Plan of Development, San Juan 29-6 Unit #14-08-001-439, Supplemental Plan of Development for 1955, Rio Arriba County, New Mexico

Regional Supervisor
United States Geological Survey
Department of Interior
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

Gentlemen:

Pacific Northwest Pipeline Corporation, as Unit Operator, submits for your approval a Supplemental Plan of Development for 1955, for the San Juan 29-6 Unit, Rio Arriba County, New Mexico.

In addition to the five wells included in the approved Plan of Development for 1955, filed April 13, 1955, with the United States Geological Survey, Commissioner of Public Lands, and the Oil Conservation Commission of the State of New Mexico, Pacific Northwest Pipeline Corporation, as Unit Operator, plans to drill Mesaverde wells on the following fully owned Pacific Northwest Pipeline Corporation drilling blocks during the remainder of the year 1955:

Township 29 North, Range 6 West

- Sec. 5: $W\frac{1}{2}$
- Sec. 8: $E\frac{1}{2}, W\frac{1}{2}$
- Sec. 11: $E\frac{1}{2}, W\frac{1}{2}$
- Sec. 12: $W\frac{1}{2}, E\frac{1}{2}$
- Sec. 13: $W\frac{1}{2}$

(2)

May 26, 1955

Township 29 North, Range 6 West

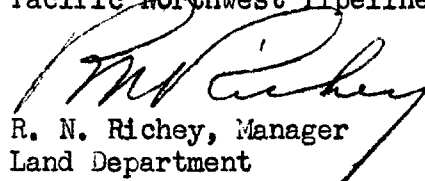
Sec. 21: E $\frac{1}{2}$
Sec. 22: E $\frac{1}{2}$
Sec. 23: W $\frac{1}{2}$
Sec. 24: W $\frac{1}{2}$
Sec. 28: E $\frac{1}{2}$

Pacific plans to drill these wells to casing point with conventional hydraulic rotary tools and to drill the pay section with gas tools, individually sand-oil, fracturing the Cliff House, Menefee (where gas productive), and Point Lookout sands of the Mesaverde.

Your approval of this supplemental Plan of Development for the remainder of the calendar year 1955, is respectfully requested.

Very truly yours,

Pacific Northwest Pipeline Corporation


R. N. Richey, Manager
Land Department

DNC:bh

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: W B Macey DATE: 6-20-55
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

DOMESTIC SERVICE	
Check the class of service desired; otherwise this message will be sent as a full rate telegram	
FULL RATE TELEGRAM	\$
DAY LETTER	S
NIGHT LETTER	E

WESTERN UNION

1206 10-51

W. P. MARSHALL, PRESIDENT

INTERNATIONAL SERVICE	
Check the class of service desired; otherwise the message will be sent at the full rate	
FULL RATE	
LETTER TELEGRAM	
SHIP RADIOGRAM	

NO. WDS.-CL. OF SVC.	PD. OR COLL.	CASH NO.	CHARGE TO THE ACCOUNT OF	TIME FILED
			Oil Conservation Commission	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

May 26, 1955

D. N. Canfield
 Pacific Northwest Pipeline
 Land Department
 Simms Building
 Albuquerque, New Mexico

file

Retel this date pertaining to additional well locations **San Juan 29-6, 29-5** and 32-8 units. Approval granted providing you file amended plan of Development as soon as possible.

AM

W. B. Macey
 Oil Conservation Commission

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1220

1955 MAY 25 PM 12:59 (28)

SYMBOLS

- DL=Day Letter
- NL=Night Letter
- LT=Int'l Letter Telegram
- VLT=Int'l Victory Ltr.

W. P. MARSHALL, PRESIDENT

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LA11 SSC184

L AYA356 PD AR=ALBUQUERQUE NMEX 25 1207PMM=

BILL MACEY, OIL CONSERVATION COMMISSION=

STATE OF NEW MEXICO SANTA FE NMEX=

CONFIRMING MY TELEPHONE CONVERSATION OF THIS DATE WE REQUEST APPROVAL OF THE FOLLOWING WELL LOCATIONS, SAN JUAN 29-6 WEST HALF SECTION FIVE, EAST HALF SECTION EIGHT, WEST HALF SECTION EIGHT, EAST HALF SECTION ELEVEN, EAST HALF SECTION TWELVE, WEST HALF SECTION TWELVE, EAST HALF SECTION TWENTY ONE, STOP SAN JUAN 29-5 WEST HALF SECTION TWENTY SIX AND SAN JUAN 32-8 EAST HALF SECTION TWENTY TWO, PLEASE ADVISE YOUR DECISION OF THIS REQUEST AT YOUR EARLIEST POSSIBLE CONVENIENCE, OFFICIAL SUPPLEMENT TO THE PLAN OF DEVELOPMENT WILL FOLLOW AT LATER DATE=

D N CANFIELD LAND DEPT PACIFIC NORTHWEST PIPE LINE CORP=

29-6 29-5 32-8=

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 30, 1955

*file
can 41?*

**Phillips Petroleum Company
10th Floor West Wing
Phillips Building
Bartlesville, Oklahoma**

**Re: ~~Amended Plan of Development 1955~~
San Juan 29-6 Unit
Rio Arriba County, New Mexico**

Gentlemen:

This is to advise that the Amended Plan of Development for the above-captioned unit, dated April 13, 1955, has this date been approved by the New Mexico Oil Conservation Commission, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

In addition to the proposed wells, adequate offset wells must be drilled to protect the area from drainage as provided in the unit agreement.

One approved copy of said plan is returned herewith.

Very truly yours,

**W. B. Macey
Secretary-Director**

WBM:jh

cc: USGS, Roswell
Commissioner of Public Lands, Santa Fe

C
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IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

April 25, 1955

Phillips Petroleum Company
10th Floor West Wing - Phillips Building
Bartlesville, Oklahoma

file

Gentlemen:

The ~~amended~~ plan of development dated April 13, 1955, for the San Juan 29-6 unit area, New Mexico, No. 14-05-001-439 has been approved on this date, subject to like approval by the appropriate State officials.

In addition to the proposed wells listed in the plan of development, adequate offset wells must be drilled to protect the unit area from drainage as provided in the unit agreement.

One approved copy of said plan is returned herewith.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Cons. Div., Wash. (w/1 copy of plan)
Farmington (w/1 copy of plan)
EMOCC, Santa Fe (ltr only) ✓

PHILLIPS PETROLEUM COMPANY

10th Floor West Wing - Phillips Building

BARTLESVILLE, OKLAHOMA

April 13, 1955

Regional Supervisor
United States Geological Survey
Department of the Interior
Roswell, New Mexico

Re: Amended Plan of Development 1955
San Juan 29-6 Unit, #14-01-001-439
Rio Arriba County, 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

Gentlemen:

On December 31, 1954, Phillips Petroleum Company, as Unit Operator, submitted for your approval a Plan of Development for the year 1955 for San Juan 29-6 Unit Area. By letters dated February 4th and February 8th, respectively, Mr. John A. Anderson, Regional Oil and Gas Supervisor, and Mr. W. B. Macey, Secretary-Director of the New Mexico Oil Conservation Commission, accepted the Plan of Development and required an amended Plan be filed on or before April 15, 1955, providing for the drilling of not less than five (5) development and exploration wells to be drilled to the base of the Mesaverde formation unless production in paying quantities is found at a lesser depth.

All working interest owners in this Unit have been solicited for the purpose of complying with these requests, and Phillips Petroleum Company, as Unit Operator, now submits for your approval an amended Plan of Development for the year 1955 providing for the drilling of five (5) Mesaverde wells unless production in paying quantities is encountered at a lesser depth, at the following locations:

NE/4 Section 1-29N-6W
SW/4 Section 2-29N-6W
SW/4 Section 31-29N-6W
SW/4 Section 32-29N-6W
NE/4 Section 32-29N-6W

Phillips plans to drill these wells to casing point with conventional hydraulic rotary tools and to drill the pay section with gas tools. The Cliff House and Point Lookout sands of the Mesaverde formation will be separately treated with a sand-oil fracturing process.

At the present time, Phillips and other lease owners are in the process of transferring certain interests in leases in the San Juan Basin to Pacific Northwest Pipeline Corporation. This transfer should be completely consummated within the next few weeks and it is expected that immediately thereafter, Pacific Northwest will desire to amend this Plan of Development by providing for the drilling of other wells in addition to those listed herein.

April 13, 1955

Your approval of this Plan is respectfully requested.

Very truly yours,

PHILLIPS PETROLEUM COMPANY
Unit Operator

BY *G. E. Benskin*
G. E. BENSKIN

GEB:wg
cc: See attached

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: *[Signature]* DATE: *[Date]*
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 8, 1955

Phillips Petroleum Company
10th Floor - Phillips Building
Bartlesville, Oklahoma

*file
Case 419*

Attention: Mr. R. N. Richey

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
1955 Plan of Development

Gentlemen:

This is to advise that the Plan of Development for calendar year 1955, dated December 31, 1954, for the subject unit has this date been accepted by the New Mexico Oil Conservation Commission as minimum compliance with the obligation of unit operator to submit a Plan of Development, pursuant to article 10 of the Unit Agreement.

This Plan of Development is therefore accepted only on the condition that on or before April 15, 1955, a supplemental Plan of Development be filed, providing for the drilling of a minimum of five development and/or exploratory wells to a depth sufficient to adequately test the Mesaverde formation, unless unitized substances in paying quantities are encountered at lesser depth. In addition, adequate provision must be made to protect the unitized lands from drainage. We feel that due to the large amount of acreage comprising this unit, such a Plan of Development is not unreasonable and should lead to the orderly development of the subject area.

This approval is being granted subject also to the condition that like approval be obtained from the United States Geological Survey and from the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the Plan is herewith returned.

Very truly yours,

W. B. Macey
Secretary - Director

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IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

February 4, 1955

Phillips Petroleum Company
10th Floor West Wing - Phillips Building
Bartlesville, Oklahoma

Gentlemen:

The 1955 plan of development dated December 31, 1954, for the San Juan 29-6 unit agreement is accepted subject to similar acceptance by the appropriate State officials as bare compliance with that provision of Sec. 10 of the unit agreement requiring that a plan be filed. An amended plan of development for 1955 providing for the drilling of not less than five development and exploration wells drilled at least to the base of the Mesaverde formation unless production in paying quantities is found at a lesser depth and, in addition, adequate offsets to protect the unitized lands from drainage, must be submitted for approval not later than April 15, 1955.

One copy of said plan indicating acceptance by this office is returned herewith.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Cons. Div., Wash., D.C. (w/1 copy of plan)

Farmington (w/1 copy of plan)

✓ N.M.O.C.C., Santa Fe (ltr only)

PHILLIPS PETROLEUM COMPANY

10th Floor West Wing - Phillips Building

BARTLESVILLE, OKLAHOMA

December 31, 1954

Regional Supervisor
United States Geological Survey
Department of the Interior
Roswell, New Mexico

Re: Plan of Development 1955
San Juan 29-6 Unit
#14-01-001-439
Rio Arriba County
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

Gentlemen:

Phillips Petroleum Company, as Unit Operator, submits for your approval a Plan of Development for 1955 for the San Juan 29-6 Unit, Rio Arriba County, New Mexico.

CURRENT STATUS OF DEVELOPMENT

The following table reflects the current status of development of the Mesaverde formation in the Unit:

<u>Well</u>	<u>Location</u>	<u>Spud Date</u>	<u>Test Date</u>	<u>Potential</u>	<u>Remarks</u>
1-3	NE/4 Sec. 3	10/22/52	1/31/53	1,790 MCFGPD	Producing to Phillips camp
2-14	SW/4 Sec. 14	1/24/53	4/8/53	3,550 MCFGPD	Shut-in
3-25	SW/4 Sec. 25	3/28/53	8/25/53	2,250 MCFGPD	Shut-in
4-17	SW/4 Sec. 17	10/13/52	12/16/52	1,030 MCFGPD	Operations suspended. Fish in hole
5-30	SW/4 Sec. 30	7/12/53	10/5/53	6,580 MCFGPD	Producing to El Paso line
6-21	SW/4 Sec. 21	7/16/53	8/25/53	6,640 MCFGPD	Producing to El Paso line
7-34	SW/4 Sec. 34	11/17/53	2/6/54	2,435 MCFGPD	Producing to El Paso line
8-1	SW/4 Sec. 1	1/24/54	3/30/54	4,613 MCFGPD	Shut-in
9-36	SW/4 Sec. 36	6/7/54	7/26/54	3,340 MCFGPD	Shut-in
10-2	NE/4 Sec. 2	9/19/54	10/29/54	3,175 MCFGPD	Shut-in
11-7	SW/4 Sec. 7	11/4/54	12/6/54	3,579 MCFGPD	Producing to El Paso line
12-6 (Bolack 1-A)	NE/4 Sec. 6	4/25/52	9/25/52	2,475 MCFGPD	Producing to El Paso line
13-6 (Bolack 2-A)	SW/4 Sec. 6	11/5/52	12/15/52	2,420 MCFGPD	Producing to El Paso line
14-7 (Bolack 3-A)	NE/4 Sec. 7	11/2/52	1/28/53	627 MCFGPD	Producing to El Paso line

All wells were shot with nitroglycerin except San Juan Mesa Well #9-36, #11-7 and #10-2, which were given sand-oil fracture treatment.

As of December 31, 1954, the Unit Participating Area consisted of all Sections 2, 6; the W/2 of Sections 1, 14, 17, 21, 25, 30, 34, 36; the E/2 of Sections 3, 7; all in Township 29 North, Range 6 West.

1955 DEVELOPMENT PROGRAM

Phillips Petroleum Company, as Unit Operator, plans to drill Mesaverde wells at the following two locations during the year 1955:

- SW/4 Sec. 2, Township 29 North, Range 6 West, N.M.P.M.
- NE/4 Sec. 32, Township 29 North, Range 6 West, N.M.P.M.

Phillips plans to drill these two (2) wells to casing point with conventional hydraulic rotary tools and to drill the pay section with gas tools, individually sand-oil fracturing the Cliff House and Point Lookout sands of the Mesaverde.

It is now anticipated that during the first quarter of the year Pacific Northwest Pipeline Corporation will acquire a majority of the acreage within this township Unit and will immediately thereafter request an expanded drilling program. Phillips Petroleum Company, as Unit Operator, will consult with your offices as these plans mature and submit amended or expanded Plans of Development as required.

Your approval of this plan is respectfully requested.

Very truly yours,

PHILLIPS PETROLEUM COMPANY
Unit Operator

By 
R. N. Richey

RNR/wr
cc: See attached.

APPROVED: _____ DATE: _____
Supervisor, United States Geological Survey

Subject to like approval by the appropriate State officials.

APPROVED: _____ DATE: _____
Commissioner of Public Lands

Subject to like approval by the U.S.G.S. and Oil Conservation Commission.

ACCEPTED
APPROVED:  _____ DATE: 2/8/55
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.
Accepted subject to conditions of acceptance as set forth in attached letter of transmittal

Plan of Development
San Juan 29-6 Unit

December 31, 1954

Copies of the foregoing Plan of Development have been sent to the following:

Manager - Bureau of Land Management
El Paso Natural Gas Company - Mr. R. L. Hamblin
Johnston Oil & Gas Company
Anderson-Prichard Oil Corporation - Dr. R. W. Brauchli
United States Smelting, Refining and Mining Company - Mr. J. B. Newman
Stanolind Oil and Gas Company - Mr. C. F. Bedford
Southern Union Gas Company - Mr. D. W. Whitlow
Southern Petroleum Exploration, Inc. - Mr. Paul W. Neunschwander
Messrs: P. T. McGrath
Wm. G. Johnston
T. H. McElvain
A. M. Rippel
R. B. Stewart
K. E. Beall
L. E. Fitzjarrald
M. E. Heine
R. E. Parr
R. L. Powell
R. L. Pulsifer (2)
E. R. Holt
D. M. McBride
F. D. Smythe (2)
G. P. Bunn
P. B. Cordry
T. E. Smiley (2)
S. E. Redman
E. A. Humphrey (2)
M. A. Tippie
R. C. Charles
H. M. Young
W. M. Freeman
C. B. McDonald
R. D. Wilbur
F. R. Burgess
F. R. Wheeler
R. B. Edmundson

ILLEGIBLE

October 11, 1954

Phillips Petroleum Company
10th Floor West Wing-Phillips Building
Bartlesville, Oklahoma

Re: Plan of Development
San Juan 29-6 Unit,
14-08-001-439
Rio Arriba County, New Mexico

Gentlemen:

We wish to advise you that your amended plan of development dated September 24, 1954, for the above captioned unit agreement, for the remainder of the calendar year 1954, has been approved by this office on this date subject to like approval by the United States Geological Survey and Oil Conservation.

Very truly yours,

E. S. BALKER
Commissioner of Public Lands

cc: United States Geological Survey
Roswell, New Mexico (3)
Oil Conservation Commission ✓
Santa Fe, New Mexico (1)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MAIN OFFICE

P. O. Box 6721
Roswell, New Mexico

October 6, 1954

Phillips Petroleum Company
10th Floor West Wing - Phillips Building
Bartlesville, Oklahoma

Gentlemen:

The amended plan of development dated September 24, 1954, for the San Juan 29-6 unit agreement, New Mexico, No. 14-08-001-439, for the remainder of the calendar year 1954, has been approved on this date subject to like approval by the appropriate State officials.

One approved copy of said plan is returned herewith.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Cons.Div., Wash., D.C. (W/1 copy of plan)
New Mexico OCC, Santa Fe (Ltr. only) ✓

2119 JK
/

PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA

10th Floor West Wing - Phillips Building

September 24, 1954

Regional Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Re: Plan of Development
San Juan 29-6 Unit,
#14-08-001-439
Rio Arriba County, New Mexico

Commissioner of Public Lands
of the State of New Mexico
State Capital Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
of the State of New Mexico
State Capital Annex Building
Santa Fe, New Mexico

Gentlemen:

The Plan of Development for San Juan 29-6 Unit, as approved for 1954, called for the drilling of the following Mesaverde wells:

<u>TENTATIVE</u> <u>WELL NO.</u>	<u>LOCATION</u>
9-36	SW/4 Section 36-29N-6W
10-20	SW/4 Section 20-29N-6W
11-29	NE/4 Section 29-29N-6W
12-2	NE/4 Section 2-29N-6W
13-29	SW/4 Section 29-29N-6W

Well #9-36 has been drilled and completed in the Mesaverde at a depth of 5690'. After being shut-in twelve days the well on July 27, 1954, gauged at the rate of 3,340,100 cubic feet of gas per day on potential test. A second well is now drilling in the NE/4 of Section 2-29N-6W. In order to maintain numerical sequence, the latter well will be known as #10-2 instead of #12-2 as tentatively shown above.

The owners of all working interests in the Drilling Block described as the W/2 Section 7-29N-6W have requested that a well be drilled in the SW/4 of that section and that such well be completed prior to December 10, 1954, in order to comply with an obligation date under an Operating Agreement. In anticipation of the drilling of this well, Mr. Tom Bolack has committed to the Unit his interest in the Drilling Block.

The owners of all working interests in the three Drilling Blocks described as the W/2 of Section 20-29N-6W, E/2 of Section 29-29N-6W and the W/2 of Section 29-29N-6W have requested

that the wells proposed for these Drilling Blocks be withdrawn from the Plan of Development for 1954.

After the Plan of Development was submitted and approved, the Federal Power Commission granted a Certificate of Public Convenience and Necessity to Pacific Northwest Pipeline Corporation for the construction of a gas line from the San Juan Basin to the Pacific Northwest region. Gas reserves beneath 62.5% of the W/2 of Section 20, and all of Section 29 are dedicated to this pipeline. Pacific Northwest Pipeline Corporation has advised that it expects to complete its financial structure this fall, immediately after which it plans to simultaneously commence construction of its pipeline and undertake large scale development of the dedicated lands. It is our understanding that Pacific proposes to develop these lands on an "assembly line" basis using specialized rigs and crews for each operation and this method is expected to result in materially reduced drilling costs. Because a satisfactory interim gas market is not now available, and further, because of its desire to hold all possible gas in the ground until completion of its pipeline, Pacific has requested the present owners of all dedicated working interests to temporarily delay, wherever possible, the drilling of additional non-required wells.

Since none of the three wells proposed for withdrawal from the plan were required or requested by any governmental authority, and none are so located as to protect the Unit from outside drainage, the present working interest owners in the three Drilling Blocks have joined in this request for withdrawal.

As Unit Operator, we have submitted all of the changes herein requested to all of the working interest owners within the San Juan 29-6 Unit, and all have given their approval.

Phillips Petroleum Company, as Operator of San Juan 29-6 Unit, respectfully requests that the Plan of Development for that Unit, dated March 26, 1954, be amended to (1) add a Mesa-verde well to be known as Mesa #11-7 to be drilled in the SW/4 of Section 7-29N-6W, and (2) delete the following three wells:

TENTATIVE
WELL NO.

LOCATION

#10-20
#11-29
#13-29

SW/4 Section 20-29N-6W
NE/4 Section 29-29N-6W
SW/4 Section 29-29N-6W

If you approve such amendment please so signify in space provided on attached sheet and return a copy of this letter for our files. Since the well proposed for the W/2 of Section 7-29N-6W must be completed prior to December 10, 1954, your early action will be appreciated.

Very truly yours

PHILLIPS PETROLEUM COMPANY
Unit Operator

By 
R. W. Richey - San Juan Division

APPROVED

By _____
Regional Supervisor, United States Geological Survey

Date: _____

APPROVED

By W. B. Macey
Oil Conservation Commission of the State of New Mexico

Date: 10-8-54

APPROVED

By _____
Commissioner of Public Lands of the State of New Mexico

Date: _____

419
file
4/27

MAIN OFFICE OCC
10th Floor West Wing - Phillips Building

1954 JUN 25 AM 8:36

June 25, 1954

Re: Plan of Development
San Juan 29-6 Unit
#14-08-001-439

Regional Supervisor
United States Geological Survey
Department of the Interior
Roswell, New Mexico

Commissioner of Public Lands of the
State of New Mexico
Capital Annex Building
Santa Fe, New Mexico

Oil Conservation Commission of the ← COPY FOR
State of New Mexico
Capital Annex Building
Santa Fe, New Mexico

Gentlemen:

Under date of March 26, 1954, Phillips Petroleum Company as Unit Operator of San Juan 29-6 Unit submitted the Plan of Development for the balance of the year 1954. This plan was subsequently approved by the Regional Supervisor, Public Lands Commissioner and the New Mexico Oil Conservation Commission.

The Plan proposes that five wells be drilled during the period, two of which, tentatively numbered 9-36 and 10-20, would be commenced during the first half of the year. #9-36 located in the SW/4 Section 36-29N-6W is now nearing completion. However, the working interest owners in the Drilling Block upon which well #10-20 will be located have not yet submitted fully satisfactory title data and have protested our cost estimates.

This is to advise you that those matters are being straightened out and we plan to commence physical operations within a reasonable time.

Very truly yours

PHILLIPS PETROLEUM COMPANY

ORIGINAL SIGNED BY
R. N. RICHEY

By R. N. Richey - San Juan Division

RNR:pw

cc: Messrs. G. E. Lenskin
R. B. Edmundson

MAIN OFFICE OCC

PHILLIPS PETROLEUM COMPANY

RECEIVED MAY 18 8:52

LAND AND GEOLOGICAL DEPARTMENT

C. O. STARK, VICE PRESIDENT
D. E. LOUNSBERY, CHIEF GEOLOGIST
D. C. HEMSELL, MGR. LAND DIVISION
W. B. WEEKS, MGR. GEOLOGICAL SECTION
A. J. HINTZE, MGR. EXPLORATION SECTION

BARTLESVILLE, OKLAHOMA
10 W. W. Phillips Bldg.
May 17, 1954

Re: San Juan 29-6 Unit, #14-08-001-437
Rio Arriba County, New Mexico
PLAN OF DEVELOPMENT 1954

Oil Conservation Commission of the
State of New Mexico
Capital Annex Building
Santa Fe, New Mexico

Gentlemen:

This is to advise the Plan of Development dated March 26, 1954, for San Juan 29-6 Unit has been approved as follows:

- (1) Regional Supervisor, United States Geological Survey,
effective May 27, 1954.
- (2) Commissioner of Public Lands, State of New Mexico,
on May 7, 1954.
- (3) Oil Conservation Commission, State of New Mexico,
on April 28, 1954.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

BY


R. N. RICHEY

RNR:RBE:wg



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAIN OFFICE OCC

1954 APR 1 8:48 AM

P. O. Box 6721
Roswell, New Mexico

419

April 27, 1954

Phillips Petroleum Company
Tenth Floor - West Wing
Phillips Building
Bartlesville, Oklahoma

Gentlemen:

The plan of development dated March 26, 1954, for the San Juan 29-6 unit area, New Mexico, No. 14-08-001-439, for the calendar year 1954 has been approved on this date subject to like approval by the Commissioner of Public Lands, State of New Mexico, and the New Mexico Oil Conservation Commission.

One approved copy of said plan is returned herewith.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Enclosure

Copy to: Conservation Division, Washington, D. C. (w/1 copy of plan)
Commissioner of Public Lands
New Mexico Oil Conservation Commission

PHILLIPS PETROLEUM COMPANY
10th Floor West Wing - Phillips Building

BARTLESVILLE, OKLAHOMA
March 26, 1954

Re: San Juan 29-6 Unit, #14-08-001-439
Rio Arriba County, New Mexico
PLAN OF DEVELOPMENT, 1954

Regional Supervisor
United States Geological Survey
Post Office Building
Roswell, New Mexico

Commissioner of Public Lands of the State of New Mexico
Capital Annex Building
Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico ✓
Capital Annex Building
Santa Fe, New Mexico

Gentlemen:

All original drilling obligations contained in the Unit Agreement for San Juan 29-6 Unit have been completed and Phillips Petroleum Company, as Unit Operator, now submits for your approval a Plan of Development for the remainder of the year 1954.

HISTORY

The following table shows the status of development within the Unit as of February 28, 1954:

<u>WELL</u>	<u>LOCATION</u>	<u>SPUD</u>	<u>COMPLETION DATE</u>	<u>I. P. 3 HOUR TEST</u>	<u>PRODUCING FORMATION</u>	<u>REMARKS</u>
1-3	NE/4 Sec. 3 *	10-22-52	1-31-53	1790 MCFGPD	Mesaverde	Prod. to Camp system
2-14	SW/4 Sec. 14 *	1-24-53	4-8-53	3550 MCFGPD	Mesaverde	Shut-in
3-25	SW/4 Sec. 25 *	3-28-53	3-28-53	2250 MCFGPD	Mesaverde	Shut-in
4-17	SW/4 Sec. 17 *	10-13-52	12-16-52	1030 MCFGPD (6 hr. test)	Mesaverde	Drilled as So. Union Wickens #1-Producing
5-30	SW/4 Sec. 30 *	7-12-53	10- 5-53	6580 MCFGPD	Mesaverde	Shut-in
6-21	SW/4 Sec. 21	7-16-53	8-25-53	6640 MCFGPD	Mesaverde	Drilled as J.G.Turner #1 Lockhart-Producing
7-34	SW/4 Sec. 34	11-17-53	2- 7-54	2357 MCFGPD	Mesaverde	Shut-in
8-1	SW/4 Sec. 1	1-24-54	-	-	-	Shut-in for test

<u>WELL</u>	<u>LOCATION</u>	<u>SPUD</u>	<u>COMPLETION DATE</u>	<u>I. P. 3 HOUR TEST</u>	<u>PRODUCING FORMATION</u>	<u>REMARKS</u>
#1-A Bolack	NE/4 Sec. 6	4-25-52	9-25-52	2475 MCFGPD (6 hr. test)	Mesaverde	Drilled by EPNG Producing
#2-A Bolack	SW/4 Sec. 6	11-5-52	12-15-52	2420 MCFGPD (6 hr. test)	Mesaverde	Drilled by EPNG Producing
#3-A Bolack	NE/4 Sec. 7	11-2-52	2-28-53	627 MCFGPD (6 hr. test)	Mesaverde	Drilled by EPNG Producing

* Required wells

Unit Well #8-1, SW/4 Section 1, has been drilled to a depth of 5880' in the Mesaverde and shut-in for potential test.

During February 1954 gas was marketed from five wells. A sixth is scheduled for line connections about the first of April. One well produced into the San Juan Camp fuel system.

The above wells include the five Mesaverde test wells required by Section 9 of the Unit Agreement and set out in Section 6 of the Unit Operating Agreement. The requirement of Section 9 of the Unit Agreement for a Dakota test to be commenced on this Unit, unless such test is commenced upon one or another of the San Juan 29-5, San Juan 30-5 or San Juan 30-6 Units prior to December 5, 1953, was fulfilled by the drilling of S.J. #6-19 in the SW/4 of Section 19-30N-5W on San Juan 30-5 Unit. Commercial production was not attained by that well in the Dakota.

The Mesaverde wells are so spaced as to reasonably determine that the entire Unit Area will be productive of gas, and that no further exploratory drilling need be conducted.

PLANNED DEVELOPMENT

The following five wells have been specifically requested by working interest owners within affected Drilling Blocks and Phillips Petroleum Company, as Unit Operator, plans to drill them in the approximate order of listings:

<u>TENTATIVE WELL NUMBER</u>	<u>LOCATION</u>
9-36	SW/4 Section 36
10-20	SW/4 Section 20
11-29	NE/4 Section 29
12-2	NE/4 Section 2
13-29	SW/4 Section 29

In addition, Phillips Petroleum Company, as Unit Operator, plans to protect the Unit from outside drainage by drilling such offset wells as may be required.

The first two of the proposed wells will be commenced during the first half of the year while the remaining three will be drilled during the last half.

March 26, 1954

COMPLETION PRACTICE

All wells scheduled for drilling during the remainder of the year will have the Mesaverde as their objective. The top of the pay section will average 5300' at which point seven inch casing will be cemented. The 600' Mesaverde pay section will be drilled with gas and either shot with nitroglycerin or given sand-oil-frac treatment.

Phillips Petroleum Company, as Unit Operator, will continue to adhere to the highest standards of oil and gas field operating practice, giving due regard to the best interests of all parties to the Unit Agreement and the Unit Operating Agreement.

Your approval of this Plan of Development for the remainder of the calendar year 1954 is respectfully requested.

Yours very truly

PHILLIPS PETROLEUM COMPANY

By 
Vice President

RNR:pw
cc: See attached

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:  Date: April 28, 1954
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

Plan of Development
San Juan 29-6 Unit

March 26, 1954

Copies of the foregoing Plan of Development have been sent to the following:

Manager - Bureau of Land Management
El Paso Natural Gas Company - Mr. Roland Hamblin
Johnston Oil & Gas Company
Anderson-Prichard Oil Corporation - Dr. R. W. Brauchli
General American Oil Company of Texas - Mr. W. H. Sparks
United States Smelting, Refining and Mining Company - Mr. J. B. Newman
Stanolind Oil and Gas Company - Mr. G. B. Jenkinson & Mr. C. F. Bedford
Southern Union Gas Company - Mr. Howard W. McDade
Southern Petroleum Exploration, Inc.
Messrs: P. T. McGrath
J. Glenn Turner
Wm. G. Johnston
T. H. McElvain
A. M. Rippel
R. B. Stewart
L. E. Fitzjarrald
E. M. Gorence
G. L. Sneed
H. E. Koopman
R. E. Parr
R. L. Powell
R. L. Pulsifer (3)
E. R. Holt
D. M. McBride
F. D. Smythe (2)
G. P. Bunn
P. B. Cordry
T. E. Smiley (2)
S. E. Redman
E. A. Humphrey (3)
M. A. Tippie
J. W. Mims
G. E. Benskin
W. M. Freeman
Val Reese
Roy B. Edmundson