

El Paso Natural Gas Company

El Paso, Texas

October 21, 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: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
Approval of Thirteenth Revision  
of Participating Area, Mesaverde  
Formation, effective April 1, 1960

Gentlemen:

This is to advise that the captioned revision of the Mesaverde Participating Area was approved by the Regulatory Bodies as follows:

1. Acting Director, United States Geological Survey, September 26, 1960.
2. Commissioner of Public Lands of the State of New Mexico, October 14, 1960.
3. Oil Conservation Commission of the State of New Mexico, August 11, 1960.

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

Very truly yours,

*Charles Higgins*

Charles Higgins  
Area Coordinator  
Land Department

CH:BI:js

Rincon, 4.2

# El Paso Natural Gas Company

El Paso, Texas

August 5, 1960

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
**THIRTEENTH EXPANDED PARTICIPATING  
AREA, Mesaverde Formation**  
Effective April 1, 1960

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Thirteenth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 6 West  
Section 28: N/2  
Section 29: All  
Containing 960.00 acres

The lands described above are proven to be productive by the following:

The Rincon Unit #135 Well, located 1160' from the North line and 1750' from the East line of Section 29, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 6, 1959 and completed on February 15, 1960 at a total depth of 7715'. The Mesaverde Formation from 4846' - 4856', 5382' - 5396', 5403' - 5416', 5430' - 5436', 5472' - 5478' was treated with a sand-water fracturing process. After being shut-in for fifty-eight (58) days, the well was tested in the Mesaverde Formation on April 13, 1960, and following a three (3)

In reply refer to:  
Unit Division

UNIT OF PDS 000  
1960 OCT 17 AM 10 52

*Check # 299*

October 14, 1960

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Y

El Paso Natural Gas Company  
P. O. Box 1497  
El Paso, Texas

Re: Thirteenth Expansion  
Mesaverde Formation-Rincon Unit  
Rio Arriba County, New Mexico

Attention: Mr. Charles Higgins

Gentlemen:

We are enclosing four approved copies and one extra copy of the approval page for the Thirteenth Expansion, Mesaverde Formation, Rincon Unit Area.

The subject expansion was approved by the Commissioner of Public Lands, October 14, 1960 and had been approved by the Director, United States Geological Survey and the Oil Conservation Commission prior to this time.

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

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

August 11, 1960

C El Paso Natural Gas Company  
El Paso, Texas

ATTENTION: Mr. T. W. Bittick

RE: Thirteenth Expanded Participating  
Area Mesaverde Formation Rincon  
Unit Rio Arriba County, New Mexico.

Gentlemen:

P This is to advise that the New Mexico Oil Conservation Commission has this date approved the Thirteenth Expanded Participating Area Mesaverde Formation for the Rincon 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.

Y Seven approved copies of the expansion are handed Mr. Ben Imbrock.

Very truly yours,

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

ALP/JEK/ig

cc: USGS - Roswell

Commissioner of Public Lands - Santa Fe

hour blow-down period gauged 1508 MCFGPD through a 3/4" choke and 1530 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1026# and an SIPC of 1024#. The committed drilling block upon which this well is located is described as the N/2 of Section 29, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The Rincon Unit #129 Well, located 1650' from the South line and 1840' from the West line of Section 29, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on November 11, 1959 and completed on March 28, 1960 at a total depth of 7772'. The Mesaverde Formation from 5396' - 5406', 5430' - 5440', 5448' - 5460', 5474' - 5482', 5518' - 5524', 5556' - 5564' was treated with a sand-water fracturing process. After being shut-in for twenty-one (21) days, the well was tested in the Mesaverde Formation on April 18, 1960, and following a three (3) hour blow-down period gauged 2751 MCFGPD through a 3/4" choke and 2839 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1308# and an SIPC of 1308#. The committed drilling block upon which this well is located is described as the S/2 of Section 29, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The Rincon Unit #127 Well, located 1190' from the North line and 890' from the East line of Section 28, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on November 15, 1959 and completed on April 8, 1960 at a total depth of 7700'. The Mesaverde Formation from 5328' - 5336', 5360' - 5368', 5412' - 5426', 5438' - 5446', 5464' - 5472', 5478' - 5486', 5492' - 5500' was treated with a sand-water fracturing process. After being shut-in for eighteen (18) days, the well was tested in the Mesaverde Formation on April 26, 1960, and following a three (3) hour blow-down period gauged 1499 MCFGPD through a 3/4" choke and 1512 MCFGPD by the calculated absolute open-flow method, with an SIPT OF 1316# and an SIPC of 1316#. The committed drilling block upon which this well is located is described as the N/2 of Section 28, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

Attached is Schedule XIV showing the Thirteenth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or

information on which such revision is predicated unless a more appropriate effective date is specified in the schedule," the Thirteenth Expanded Participating Area will be effective April 1, 1960. If this Thirteenth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By T. W. Bittick  
T. W. Bittick  
Assistant Manager  
Land Department

TWB:BGI:js

cc: Attached List

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

DATE: 8-11-60

The foregoing approvals are for the Thirteenth Expanded Participating Area for the Mesaverde Formation, effective April 1, 1960, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

RINCON UNIT

WORKING INTEREST OWNERS

Mr. R. L. Caldwell  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Rock Island Oil and Refining Company  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
Petroleum Center Building  
900 North East Military Drive  
San Antonio 9, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. William G. Webb  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Burt Fields

MAIN OFFICE  
1960 AUG 10 AM 11:10  
El Paso Natural Gas Company  
El Paso, Texas  
August 5, 1960

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

299

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

Re: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
NOTICE OF COMPLETION OF NON-  
COMMERCIAL WELLS, Mesaverde  
Formation

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below, that the following described wells were not capable of producing unitized substances in paying quantities from the Mesaverde Formation, and therefore should be considered non-commercial for unit purposes:

The Rincon Unit #128 Well, located 1600' from the South line and 990' from the West line of Section 28, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on October 16, 1959 and completed on May 8, 1960 at a total depth of 7789'. The Mesaverde Formation from 5347' - 5367', 5375' - 5387', 5402' - 5418', 5449' - 5473', 5487' - 5505', 5534' - 5544' was treated with a sand-water fracturing process. After being shut-in for fourteen (14) days, the well was tested in the Mesaverde Formation on June 1, 1960, and following a three (3) hour blow-down period gauged 824 MCFGPD through a 3/4" choke and 830 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1303# and an SIPC of 1306#. The committed spacing unit upon which this well is located is described as the S/2 of Section 28, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on June 1, 1960.

The Rincon Unit #126 Well, located 800' from the South line and 1850' from the West line of Section 27, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on

September 29, 1959 and completed on December 31, 1959 at a total depth of 7718'. The Mesaverde Formation from 5364' - 5376', 5386' - 5396', 5406' - 5418', 5474' - 5486', 5498' - 5506' was treated with a sand-water fracturing process. After being shut-in for twenty (20) days, the well was tested in the Mesaverde Formation on January 20, 1960, and following a three (3) hour blow-down period gauged 1215 MCFGPD through a 3/4" choke and 1224 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1100# and an SIPC of 1096#. The committed spacing unit upon which this well is located is described as the S/2 of Section 27, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on January 20, 1960.

The Rincon Unit #130 Well, located 990' from the North line and 990' from the East line of Section 32, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 5, 1959 and completed on February 8, 1960 at a total depth of 7701'. The Mesaverde Formation from 5368' - 5376', 5402' - 5415', 5424' - 5432', 5442' - 5448', 5454' - 5468', 5510' - 5520' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested in the Mesaverde Formation on February 18, 1960, and following a three (3) hour blow-down period gauged 916 MCFGPD through a 3/4" choke and 920 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1072# and an SIPC of 1066#. The committed spacing unit upon which this well is located is described as the E/2 of Section 32, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on February 18, 1960.

The Rincon Unit #137 Well, located 1500' from the South line and 1800' from the West line of Section 24, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on November 24, 1959 and completed on January 16, 1960 at a total depth of 7820'. The Mesaverde Formation from 5456' - 5466', 5476' - 5486', 5494' - 5504', 5520' - 5534', 5566' - 5576', 5588' - 5596' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested in the Mesaverde Formation on January 25, 1960, and following a three (3) hour blow-down period gauged 845 MCFGPD through a 3/4" choke and 873 MCFGPD by the calculated absolute open-flow method, with an SIPT of 504# and an SIPC of 1039#. The committed spacing unit upon which this well is located is described as the S/2 of Section 24, Township 27 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 337.44 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on January 25, 1960.

The Rincon Unit #150 Well, located 990' from the North line and 990' from the East line of Section 6, Township 26 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 6, 1959 and completed on January 16, 1960 at a total depth of 7520'. The Mesaverde Formation from 5144' - 5154', 5184' - 5190', 5210' - 5224', 5252' - 5260', 5266' - 5282' was treated with a sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested in the Mesaverde Formation on February 16, 1960, and following a three (3) hour blow-down period gauged 1005 MCFGPD through a 3/4" choke and 1010 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1124# and an SIPC of 1120#. The committed spacing unit upon which this well is located is described as the N/2 of Section 6, Township 26 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 322.29 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on February 16, 1960.

The Rincon Unit #126, #128, #137 and #150 Wells are located on Federal acreage and the Rincon Unit #130 Well is located on State of New Mexico acreage. Therefore, pursuant to the provisions of the said Section 11 of the Rincon Unit Agreement approval by the Oil and Gas Supervisor as to the wells located on Federal acreage and the Commissioner of Public Lands of the State of New Mexico as to the well located on State acreage of the determination that the above-mentioned wells are not capable of producing unitized substances in paying quantities is solicited. If this determination meets with your approval, please indicate such approval in the space provided on the attached sheet.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet and one copy is being sent to the Oil Conservation Commission for information purposes.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

T. W. Bittick  
Assistant Manager  
Land Department

TWB:BI:js

Attachment

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Oil and Gas Supervisor,  
United States Geological Survey  
(Approval applies to Rincon Unit #126, #128,  
#137 and #150 Wells)

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Commissioner of Public Lands  
(Approval applies to Rincon Unit #130 Well)

The foregoing approvals are for the NOTICE OF NON-COMMERCIAL WELLS for the Mesaverde Formation, dated August 5, 1960, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

RINCON UNIT

WORKING INTEREST OWNERS

Mr. R. L. Caldwell  
Delhi-Taylor Oil Corp.  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Rock Island Oil & Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corp.  
Petroleum Center Bldg.  
900 North East Military Dr.  
San Antonio 9, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Mr. William G. Webb  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Burt Fields

El Paso Natural Gas Company  
MAIN OFFICE OCC

1960 JUL 15 AM 8:16

El Paso, Texas  
July 8, 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: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
NOTICE OF COMPLETION OF NON-  
COMMERCIAL WELLS, Mesaverde  
Formation

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below, that the following described well was not capable of producing unitized substances in paying quantities from the Mesaverde Formation:

The Rincon Unit #128 Well, located 1600' from the South line and 990' from the West line of Section 28, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on October 16, 1959 and completed on May 8, 1960 at a total depth of 7789'. The Mesaverde Formation from 5347'-5367', 5375'-5387', 5402'-5418', 5449'-5473', 5487'-5505', 5534'-5544' was treated with a sand-water fracturing process. After being shut-in for fourteen (14) days, the well was tested in the Mesaverde Formation on June 1, 1960, and following a three (3) hour blow-down period gauged 824 MCFGPD through a 3/4" choke and 830 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1303# and an SIPC of 1306#. The committed spacing unit upon which this well is located is described as the S/2 of Section 28, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on June 1, 1960.

The Rincon Unit #126 Well, located 800' from the South line and 1850' from the West line of Section 27, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on September 29, 1959 and completed on December 31, 1959 at a total depth of 7718'. The Mesaverde Formation from 5364'-5376', 5386'-5396', 5406'-5418', 5474'-5486', 5498'-5506' was treated with a sand-water fracturing process. After being shut-in for twenty (20) days, the well was tested in the Mesaverde Formation on January 20, 1960, and following a three (3) hour blow-down period gauged 1215 MCFGPD through a 3/4" choke and 1224 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1100# and an SIPC of 1096#. The committed spacing unit upon which this well is located is described as the S/2 of Section 27, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on January 20, 1960.

The Rincon Unit #130 Well, located 990' from the North line and 990' from the East line of Section 32, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 5, 1959 and completed on February 8, 1960 at a total depth of 7701'. The Mesaverde Formation from 5368'-5376', 5402'-5415', 5424'-5432', 5442'-5448', 5454'-5468', 5510'-5520' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested in the Mesaverde Formation on February 18, 1960, and following a three (3) hour blow-down period gauged 916 MCFGPD through a 3/4" choke and 920 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1072# and an SIPC of 1066#. The committed spacing unit upon which this well is located is described as the E/2 of Section 32, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on February 18, 1960.

The Rincon Unit #137 Well, located 1500' from the South line and 1800' from the West line of Section 24, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on November 24, 1959 and completed on January 16, 1960 at a total depth of 7820'. The Mesaverde Formation from 5456'-5466', 5476'-5486', 5494'-5504', 5520'-5534', 5566'-5576', 5588'-5596' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested in the Mesaverde Formation on January 25, 1960, and following a three (3) hour blow-down period gauged 845 MCFGPD through a 3/4" choke and 873 MCFGPD by the calculated absolute open-flow method, with an SIPT of 504# and an SIPC of 1039#. The committed spacing unit upon which this well is located is described as the S/2 of Section 24, Township 27 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico, containing 337.44 acres. The determination that this well is not capa-

ble of producing unitized substances in paying quantities was made on January 25, 1960.

The Rincon Unit #150 Well, located 990' from the North line and 990' from the East line of Section 6, Township 26 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 6, 1959 and completed on January 16, 1960 at a total depth of 7520'. The Mesaverde Formation from 5144'-5154', 5184'-5190', 5210'-5224', 5252'-5260', 5266'-5282' was treated with a sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested in the Mesaverde Formation on February 16, 1960, and following a three (3) hour blow-down period gauged 1005 MCFGPD through a 3/4" choke and 1010 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1124# and an SIPC of 1120#. The committed spacing unit upon which this well is located is described as the N/2 of Section 6, Township 26 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 322.29 acres. The determination that this well is not capable of producing unitized substances in paying quantities was made on February 16, 1960.

Since this determination needs no official approval, no provision is made therefor, and in the absence of disapproval, these wells will continue to be considered non-commercial.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By T. W. Bittick  
T. W. Bittick  
Assistant Manager  
Land Department

TWB:BI:js

Attachment

RINCON UNIT

WORKING INTEREST OWNERS

Mr. R. L. Caldwell  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Rock Island Oil & Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
Petroleum Center Building  
900 North East Military Drive  
San Antonio 9, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Mr. William G. Webb  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Burt Fields

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

June 10, 1960

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

O  
Attention: Mr. T. W. Bittick

Re: Third Expanded Participating  
Area, Dakota Formation, Rincon  
Unit, Rio Arriba County, New  
Mexico.

P  
Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Third Expanded Participating Area, Dakota Formation for the Rincon 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.

Y  
Seven approved copies of the Expansion are being forwarded to the Office of the Public Land Commissioner.

Very truly yours,

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

ALP/JEK/jar

cc: United States Geological Survey - Roswell

State Land Office - Santa Fe

IL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

*Case # 299*

June 2, 1960

C  
O  
P  
Y

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

Attention: Mr. T. W. Bittick

Re: Second Expanded Participating  
Area, Dakota Formation, Rincon  
Unit, Rio Arriba County, New  
Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Second Expanded Participating Area, Dakota Formation for the Rincon 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.

Seven approved copies of the expansion are being forwarded to the Office of the Public Land Commissioner.

=

Very truly yours,

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

ALP/JEK/pj

cc: United States Geological Survey - Roswell

State Land Office - Santa Fe

# El Paso Natural Gas Company

El Paso, Texas

May 17, 1960

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
SECOND EXPANDED PARTICIPATING AREA,  
Dakota Formation  
Effective January 1, 1960

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Second Expanded Participating Area of the Dakota Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands estimated to be productive in paying quantities from the Dakota Formation:

Township 26 North, Range 6 West  
Section 6: All

Township 27 North, Range 6 West  
Section 20: S/2  
Section 26: All  
Section 27: All  
Section 28: All  
Section 29: All  
Section 31: All  
Section 32: All

Containing 4849.89 acres

The lands described above are proven to be productive by the following wells:

The Rincon Unit #125 Well, located 990' from the South line and 1650' from the West line of Section 26, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on November 17, 1959 and completed on January 16, 1960 at a total depth of 7761'. The Dakota Formation from 7418' - 7432'; 7445' - 7458'; 7504' - 7514'; 7538' - 7545'; 7550' - 7559'; 7572' - 7577'; 7592' - 7603'; 7613' - 7621' was treated with a sand-oil fracturing process. After being shut-in for nine (9) days, the well was tested in the Dakota Formation on January 25, 1960 and following a three (3) hour blow-down period gauged 3481 MCFGPD through a 3/4" choke and 3671 MCFGPD by the calculated absolute open-flow method with an SIPT of 2434#. The committed spacing unit upon which this well is located is described as the W/2 of Section 26, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The Rincon Unit #126 Well, located 800' from the South line and 1850' from the West line of Section 27, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on September 29, 1959 and completed on December 31, 1959 at a total depth of 7718'. The Dakota Formation from 7416' - 7424'; 7436' - 7442'; 7446' - 7454'; 7510' - 7520'; 7542' - 7550'; 7556' - 7564'; 7596' - 7606'; 7616' - 7626'; 7632' - 7638'; was treated with a sand-oil fracturing process. After being shut-in for eight (8) days, the well was tested in the Dakota Formation on January 8, 1960 and following a three (3) hour blow-down period gauged 3705 MCFGPD through a 3/4" choke and 4016 MCFGPD by the calculated absolute open-flow method with an SIPT of 2134#. The committed spacing unit upon which this well is located is described as the S/2 of Section 27, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The Rincon Unit #129 Well, located 1650' from the South line and 1840' from the West line of Section 29, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on November 29, 1959 and completed on March 28, 1960 at a total depth of 7772'. The Dakota Formation from 7408' - 7426'; 7430' - 7440'; 7446' - 7456'; 7460' - 7468'; 7544' - 7552'; 7584' - 7594'; 7600' - 7608'; 7614' - 7628' was treated with a sand-oil fracturing process. This well was gauged on January 3, 1960 at 6442 MCFGPD from the Dakota Formation, indicating that it was capable of producing unitized substances in commercial quantities. Subsequently, the well was tested on April 7, 1960 and found to have a potential of 6651 MCFGPD through a 3/4" choke and 8471 MCFGPD by the calculated absolute open-flow method with an SIPT of 2321#. The committed spacing unit upon which this well is located is described as the S/2 of Section 29, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The Rincon #130 Well, located 990' from the North line and 990' from the East line of Section 32, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 5, 1959 and completed on February 8, 1960 at a total depth of 7701'. The Dakota Formation from 7394' - 7406'; 7412' - 7424'; 7442' - 7450'; 7530' - 7540'; 7546' - 7552'; 7566' - 7578';

7584' - 7594'; 7602' - 7616' was treated with a sand-oil fracturing process. The well was gauged on January 23, 1960 at 2684 MCFGPD from the Dakota Formation and on January 27, 1960 at 5220 MCFGPD (estimated) from the Graneros Formation, a part of the "Dakota Producing Interval", for a total of 7904 MCFGPD. The well was subsequently tested in the Dakota Formation on February 25, 1960 and found to have a potential of 8456 MCFGPD through a 3/4" choke and a calculated absolute open-flow potential of 13,075 MCFGPD. Therefore, the well was determined to be capable of producing unitized substances in commercial quantities on January 27, 1960. The committed spacing unit upon which this well is located is described as the E/2 of Section 32, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The Rincon #135 Well, located 1160' from the North line and 1750' from the East line of Section 29, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 6, 1959 and completed on February 15, 1960 at a total depth of 7715'. The Dakota Formation from 7352' - 7356'; 7362' - 7368'; 7376' - 7390; 7406' - 7412'; 7490' - 7502'; 7526' - 7532'; 7536' - 7542'; 7566' - 7574' was treated with a sand-oil fracturing process. The well was gauged on January 31, 1960 at 3310 MCFGPD from the Dakota Formation, indicating that it was capable of producing unitized substances in commercial quantities. Subsequently, the well was tested on April 5, 1960 and found to have a potential of 6054 MCFGPD through a 3/4" choke and 7120 MCFGPD by the calculated absolute open-flow method with an SIPT of 2505#. The Committed spacing unit upon which this well is located is described as the N/2 of Section 29, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The Rincon Unit #150 Well, located 990' from the North line and 990' from the East line of Section 6, Township 26 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 6, 1959 and completed on January 16, 1960 at a total depth of 7520'. The Dakota Formation from 7184' - 7192'; 7200' - 7210'; 7226' - 7238'; 7318' - 7330'; 7336' - 7342'; 7356' - 7364'; 7370' - 7380'; 7392' - 7404' was treated with a sand-oil fracturing process. After being shut-in for nine (9) days, the well was tested in the Dakota Formation on January 25, 1960 and following a three (3) hour blow-down period gauged 3629 MCFGPD through a 3/4" choke and 3920 MCFGPD by the calculated absolute open-flow method with an SIPT of 2109#. The committed spacing unit upon which this well is located is described as the N/2 of Section 6, Township 26 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 322.29 acres.

Attached is Schedule III showing the Second Expanded Participating Area for the Dakota Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such

revision is predicated unless a more appropriate effective date is specified in the schedule, "the Second Expanded Participating Area will be effective January 1, 1960. If this Second Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

T. W. Bittick  
Assistant Manager  
Land Department

TWB:BGI:nl

cc: Attached List

APPROVED: \_\_\_\_\_  
United States Geological Survey  
Subject to like approval by the appropriate  
State Officials.

DATE: \_\_\_\_\_

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

DATE: \_\_\_\_\_

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

DATE: June 2, 1960

The foregoing approvals are for the Second Expanded Participating Area of the  
Dakota Formation, Rincon Unit, Rio Arriba County, New Mexico.

Rincon Unit

Copies of the foregoing letter and schedule have been sent to the following working interest owners:

Mr. R. L. Caldwell  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Rock Island Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
Petroleum Center Bldg.  
900 North East Military Dr.  
San Antonio 9, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. William G. Webb  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Burt Fields

# El Paso Natural Gas Company

El Paso, Texas

May 6, 1960

*Case # 111*

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: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
1960 DRILLING PROGRAM

Gentlemen:

The 1960 Drilling Program for the Rincon Unit was approved by the regulatory bodies on the following dates:

1. United States Geological Survey - April 26, 1960.
2. Commissioner of Public Lands of the State of New Mexico - March 22, 1960.
3. Oil Conservation Commission of the State of New Mexico - May 4, 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:BI:js  
Attachment

RINCON UNIT

WORKING INTEREST OWNERS

Mr. R. L. Caldwell  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Rock Island Oil & Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
Petroleum Center Building  
900 North East Military Drive  
San Antonio 9, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. William G. Webb  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Bert Fields

CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

May 4, 1960

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

Attention: Mr. Sam Smith

Re: 1960 Plan of Development,  
Rincon 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 Rincon 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/pj

cc: United States Geological Survey - Roswell

Commissioner of Public Lands - Santa Fe

C  
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Y

P. O. Box 6721  
Roswell, New Mexico

April 26, 1960

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

Attention: Mr. Sam Smith

Gentlemen:

Your plan of development for 1960, dated January 18, 1960, for the Rincon unit area, I-Sec. No. 916, Rio Arriba County, New Mexico, which proposes the drilling of three Dakota wells to be dually completed in the Mesaverde and Dakota formations, has been approved on this date subject to like approval by the appropriate State officials. Please furnish us with suitable evidence of State approval.

As requested in your letter of December 9, 1959, we shall consider wells No. 130, No. 135, and No. 150 as part of the 1960 plan of development. These wells commenced drilling in December 1959, and will be completed in 1960.

Two approved copies of the plan are enclosed.

Very truly yours,

(Chas. Sgd) 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

March 24, 1960

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

Re: 1960 Plan of Development  
Rincon Unit  
Rio Arriba County, New Mexico

ATTENTION: Mr. Sam Smith

Gentlemen:

We herewith enclose one copy of the 1960 Plan of Development for the Rincon Unit Area, which was approved by the Commissioner of Public Lands, March 22, 1960.

Very truly yours,  
MURRAY E. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MIR/s  
cc:

USGS-Roswell  
OCC-Santa Fe

# El Paso Natural Gas Company

El Paso, Texas

January 18, 1960

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

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

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

Re: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
1960 DRILLING PROGRAM

Gentlemen:

By letter dated May 6, 1959, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned unit for the calendar year 1959, consisting of eight (8) dual Mesaverde-Dakota Wells. All of the scheduled eight wells were completed upon lands committed to the Rincon Unit.

As of this date, the total number of wells completed in the Rincon Unit is as follows:

Pictured Cliffs	93
*Mesaverde	19
Dual, Mesaverde-Pictured Cliffs	8
Dual, Mesaverde-Dakota	9

\*This total reflects a well (Rincon Unit #84 Well, E/2 Section 26, T-27-N, R-7-W), drilled to the Dakota and plugged back to the Mesaverde by Texas National Petroleum Company, et al, and further reflects one well (Rincon Unit #23 Well, W/2 Section 35, T-27-N, R-7-W) determined to be non-commercial.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1960, consisting of three (3) dual completion wells to be drilled to the Mesaverde and Dakota Formations. This Drilling Program is to constitute all of our drilling obligations for this year. These proposed drilling sites are as follows:

<u>SPACING UNIT</u>	<u>FORMATION</u>
E/2 Section 32, T-27-N, R-6-W	Dual, Mesaverde and Dakota
E/2 Section 29, T-27-N, R-6-W	Dual, Mesaverde and Dakota
N/2 Section 6, T-26-N, R-6-W	Dual, Mesaverde and Dakota

These wells will be drilled in accordance with the operating regulations as set forth by the United States Geological Survey, and due care will be taken to protect the unit from drainage and to comply with any requirements by the United States Geological Survey for additional drilling.

El Paso Natural Gas Company, as Unit Operator, intends to drill the above mentioned wells to the base of the Dakota Formation using rotary tools. Surface casing of 13 3/8" will be set to the depth of approximately 150' and an intermediate string of 9 5/8" will be run through the Pictured Cliffs Formation to a depth of approximately 3200', and the Operator will run a production string of either 5 1/2" or 7" casing to the base of the Dakota Formation. The casing in the Dakota Formation will then be perforated and the Dakota Formation subjected to a hydraulic fracturing process. A bridging plug will be used to separate the Mesaverde from the Dakota Formation and the Mesaverde Formation will be selectively perforated and subjected to a hydraulic fracturing process. A production packer will be run on 2" tubing with the Dakota producing through the tubing and the Mesaverde producing through the casing.

All of the Working Interest Owners have been contacted and this Drilling Program reflects, insofar as possible, their requests for additional drilling.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Sam Smith, Manager  
Land Department

RINCON UNIT  
WORKING INTEREST OWNERS

Mr. R. L. Caldwell  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

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

Rock Island Oil & Refining Co., Inc.  
321 West Douglas St.  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. William G. Webb  
1900 Mercantile Dallas Building  
Dallas 1, Texas

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

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

APPROVED:  DATE: May 4, 1960  
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 1960 Drilling Program for the Rincon Unit, Rio Arriba County, New Mexico.

# El Paso Natural Gas Company

El Paso, Texas

April 11, 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: Rincon Unit  
Rio Arriba County, New Mexico  
I Sec. No. 916  
APPROVAL OF TWELFTH REVISION OF  
PARTICIPATING AREA, MESAVERDE FORMATION.  
APPROVAL OF FIRST REVISION OF  
PARTICIPATING AREA, DAKOTA FORMATION.  
Effective November 1, 1959.

Gentlemen:

This is to advise that the captioned revisions of the Mesaverde and the Dakota participating area were approved by the regulatory bodies as follows:

1. Acting Director, United States Geological Survey,  
March 31, 1960.
2. Commissioner of Public Lands of the State of  
New Mexico, February 16, 1960.
3. Oil Conservation Commission of the State of  
New Mexico, February 1, 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:BI:js  
Attachment  
Rincon 5.0

San Juan 27-4 Unit  
Working Interest Owners

Mr. William P. Barnes  
General American Oil Company of Texas  
Meadows Building  
Dallas 6, Texas

Mr. C. Taylor Pruitt  
Champlin Oil & Refining Company  
P. O. Box 9365  
Fort Worth, Texas

Mr. Mike Abraham  
814 Mercantile Bank Bldg.  
Dallas 1, Texas

Mr. M. A. Romero  
P. O. Box 2011  
Santa Fe, New Mexico

Mr. Jack Yeisley  
Champlin Oil & Refining Company  
Suite 2501  
First National Bank Bldg.  
Denver, Colorado

In reply refer to:  
Unit Division

*Chal H 299*

February 16, 1960

C  
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Y

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

ATTENTION: T. W. Bittick

Re: Rincon Unit Area  
Twelfth Expanded Participating  
Area- Mesaverde Formation-Rio  
Arriba County, New Mexico

Gentlemen:

We are enclosing six copies of the Twelfth Expanded Participating Area for the Mesaverde Formation, Rincon Unit Area, which was approved by the Commissioner of Public Lands February 16, 1960.

Please send us another copy when full approval has been received.

Very truly yours,  
MURRAY E. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/PMR/m  
cc:

OCC- Santa Fe  
USGS- Roswell

In reply refer to:  
Unit Division

February 16, 1960

*Case # 199*

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

ATTENTION: Mr. Harry Gevertz

Re: First Expanded Participating  
Area, Dakota Formation Rincon  
Unit Rio Arriba County, New  
Mexico.

Gentlemen:

We are enclosing six copies of the First Expanded Participating Area, Dakota Formation Rincon Unit, Rio Arriba County, New Mexico, which was approved by the Commissioner of Public Lands February 16, 1960.

Please send us another copy when full approval has been received.

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

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

Case # 299

February 1, 1960

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

Attention: Mr. Harry Gevertz

RE: First Expanded Participating  
Area, Dakota Formation Rincon  
Unit Rio Arriba County, New  
Mexico.

Gentlemen:

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

Seven approved copies of the application have been forwarded to the Public Land Office.

Very truly yours,

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

ALP/JEK/1g

cc: State Land Office - Santa Fe  
US Geological Survey - Roswell

# El Paso Natural Gas Company

El Paso, Texas

January 25, 1960

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

Re: Rincon Unit Area  
Twelfth Expanded Participating Area  
for the Mesaverde Formation  
First Expanded Participating Area for  
the Dakota Formation  
Rio Arriba County, New Mexico

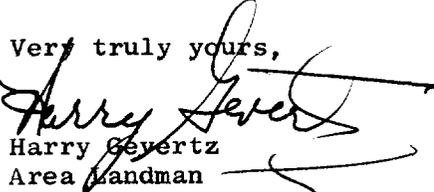
Gentlemen:

Transmitted herewith for your approval are eight (8) copies each of the subject expansions for the Rincon Unit and two (2) copies of a map showing the participating areas for the two formations.

It is requested that upon your approval you will kindly sign all copies in the space provided, retain one copy of each expansion and one copy of the map, and forward the rest to the Commissioner of Public Lands Office for their approval.

By carbon copy of this letter to Mrs. Marion Rhea of the Commissioner of Public Lands Office, we are asking that they retain two copies of each expansion and one copy of the map and upon approval by the Commissioner, sign all copies and return the remaining five copies of each expansion to this office for further handling.

Very truly yours,

  
Harry Gevertz  
Area Landman  
Land Department

HG:BGI:pc  
Enclosures

cc: Mrs. Marion Rhea  
Commissioner of Public Lands  
Office of State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico

# El Paso Natural Gas Company

El Paso, Texas

January 19, 1960

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
**FIRST EXPANDED PARTICIPATING  
AREA, Dakota Formation**  
Effective November 1, 1959

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the First Expanded Participating Area of the Dakota Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands estimated to be productive in paying quantities from the Dakota Formation:

Township 27 North, Range 6 West  
Section 30: All  
Containing 639.08 acres

The lands described above are proven to be productive by the following:

The Rincon Unit #149 Well, located 1100' from the South line and 1750' from the West line of Section 30, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on September 24, 1959 and completed on November 12, 1959 at a total depth of 7653'. The Dakota Formation from 7320' - 7328', 7334' - 7342', 7347' - 7353', 7358' - 7366', 7450' - 7460', 7490' - 7500', 7506' - 7516', 7524' - 7534' was treated with a sand-oil fracturing process. After being shut-in for seven (7) days, the well was tested in the Dakota Formation on November 19, 1959, and following a three (3) hour blow-down period gauged 4780 MCFGPD through a 3/4" choke and 5703 MCFGPD by the calculated absolute open-flow

method, with an SIPT of 1898#. The committed spacing unit upon which this well is located is described as the W/2 of Section 30, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 319.08 acres.

Attached is Schedule II showing the First Expanded Participating Area for the Dakota Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule," the First Expanded Participating Area will be effective November 1, 1959. If this First Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
T. W. Bittick  
Assistant Manager  
Land Department

TWB:BGI:pc

cc: Attached List

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

DATE: 2-1-59

The foregoing approvals are for the First Expanded Participating Area for the Dakota Formation, effective November 1, 1959, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit  
Working Interest Owners

Mr. R. L. Caldwell  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Rock Island Oil and Refining Company  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

**SCHEDULE II**  
**FIRST EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION**  
**RINCON UNIT AREA**

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
SF 079364	T-27-N, R-6-W Sec. 30: N/2	319.49	<u>Tract 13</u>			
			Royalty;	12.50%	12.50%	<u>25.00313%</u>
			Working Interest;			
			El Paso Natural Gas Co.;	80.00%	80.00%	
ORRI;	7.50%	7.50%				
	TOTAL		100.00%	100.00%		
SF 079364	T-27-N, R-6-W Sec. 30: S/2	319.59	<u>Tract 13</u>			
			Royalty;	12.50%	12.50%	<u>25.01095%</u>
			Working Interest;			
			El Paso Natural Gas Co.;	77.00%	77.00%	
ORRI;	10.50%	10.50%				
	TOTAL		100.00%	100.00%		
SF 079366	T-27-N, R-6-W Sec. 19: Lots 3, 4, SE/4, E/2 SW/4	319.40	<u>Tract 15</u>			
			Royalty;	12.50%	12.50%	<u>24.99609%</u>
			Working Interest;			
			El Paso Natural Gas Co.;	77.00%	77.00%	
ORRI;	10.50%	10.50%				
	TOTAL		100.00%	100.00%		
SF 079366	T-27-N, R-6-W Sec. 19: Lots 1, 2, E/2 NW/4, NE/4	319.32	<u>Tract 15-A</u>			
			Royalty;	12.50%	12.50%	<u>24.98983%</u>
			Working Interest;			
			El Paso Natural Gas Co.;	80.00%	80.00%	
ORRI;	7.50%	7.50%				
	TOTAL		100.00%	100.00%		

SCHEDULE II  
FIRST EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION  
RINCON UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

Township 27 North, Range 6 West, N.M.P.M.  
Sections 19, 30: All

Total Number of Proven Acres:	1277.80
Total Number of Committed Acres in Participating Area:	1277.80
Percent of Basic Royalty Interest Committed:	100.0000%
Percent of Working Interest Committed:	100.0000%
Percent of O.R.R.I. Committed:	100.0000%

U. S. CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Case # 799

February 1, 1960

C

El Paso Natural Gas Company  
P. O. Box 1492  
El Paso, Texas<sup>1/2</sup>

Attention: Mr. Harry Gevertz

O

RE: Twelfth Expanded Participating  
Area, Mesaverde Formation  
Roncon Unit Rio Arriba County,  
New Mexico.

P

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Twelfth Expanded Participating Area, Mesaverde Formation for the Rincon 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.

Y

Seven approved copies of the application have been forwarded to the Public Land Office.

Very truly yours,

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

ALP/JEK/ig

cc: State Land Office - Santa Fe  
US Geological Survey - Roswell

# El Paso Natural Gas Company

El Paso, Texas

January 19, 1960

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
TWELFTH EXPANDED PARTICIPATING  
AREA, Mesaverde Formation  
Effective November 1, 1959

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Twelfth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 6 West  
Section 30: All  
Containing 639.08 acres

The lands described above are proven to be productive by the following:

The Rincon Unit #149 Well, located 1100' from the South line and 1750' from the West line of Section 30, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on September 24, 1959 and completed on November 12, 1959 at a total depth of 7653'. The Mesaverde Formation from 5166' - 5174', 5212' - 5216', 5226' - 5230', 5244' - 5250', 5256' - 5262', 5272' - 5276', 5304' - 5314', 5328' - 5338', 5367' - 5377', 5396' - 5406', 5414' - 5424', 5430' - 5438', 5446' - 5450', 5486' - 5496' was treated with a sand water fracturing process. After being shut-in for fifteen (15) days, the well was tested in the Mesaverde Formation

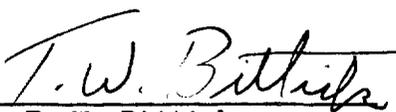
on November 27, 1959, and following a three (3) hour blow-down period gauged 1790 MCFGPD through a 3/4" choke and 1823 MCFGPD by the calculated absolute open flow method with an SIPT of 1102# and an SIPC of 1098#. The committed spacing unit upon which this well is located is described as the W/2 of Section 30, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 319.08 acres.

Attached is Schedule XIII showing the Twelfth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule," the Twelfth Expanded Participating Area will be effective November 1, 1959. If this Twelfth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
T. W. Bittick  
Assistant Manager  
Land Department

TWB:EGI:pc

cc: Attached List

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

DATE: 2-1-60

The foregoing approvals are for the Twelfth Expanded Participating Area for the Mesaverde Formation, effective November 1, 1959, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit  
Working Interest Owners

Mr. R. L. Caldwell  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Rock Island Oil and Refining Company  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas

December 9, 1959

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

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

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

Re: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico

Gentlemen:

Under date of May 4, 1959, El Paso Natural Gas Company, as Unit Operator, submitted for your approval the 1959 Drilling Program for the Rincon Unit. The program for the Unit for calendar year 1959 included eight (8) Mesaverde-Dakota dual completion wells, which wells have either been completed or are drilling at this time.

In addition to the scheduled eight (8) Mesaverde-Dakota wells, we will commence three (3) additional Mesaverde-Dakota wells located as follows:

Rincon #130	NE/4 Sec. 32, T-27-N, R-6-W
Rincon #135	NE/4 Sec. 29, T-27-N, R-6-W
Rincon #150	NE/4 Sec. 6, T-27-N, R-6-W

We respectfully request that you consider these three (3) wells as part of the 1960 Drilling Program for the Rincon Unit which will be submitted for your approval in the very near future.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Sam Smith  
Sam Smith, Manager  
Land Department

SS:SGI:al

COPY



**EL PASO NATURAL GAS PRODUCTS COMPANY**

POST OFFICE BOX 1161, EL PASO, TEXAS

November 11, 1959

Oil Conservation Commission  
Santa Fe, New Mexico

Re: Rincon Unit Agreement  
Rio Arriba County, New Mexico

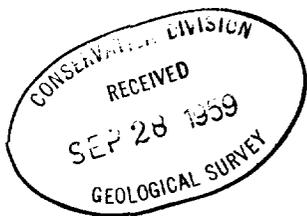
Gentlemen:

We hand you herewith four (4) copies of Designation of Sub-Operator for the captioned unit dated April 1, 1959 whereby El Paso Natural Gas Company, as Unit Operator, designates El Paso Natural Gas Products Company as Sub-Operator of the unit area as to oil rights only. This agreement is forwarded to you for record purposes only. We would like to point out that the Commissioner of Public Lands and the United States Geological Survey have both accepted for record purposes this designation. Should you need anything further, please advise.

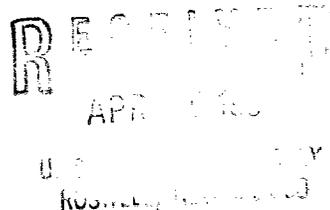
Very truly yours,

John H. Bannister  
Landman  
Land Department

JHB:b1  
Enclosures



DESIGNATION OF SUB-OPERATOR  
RINCON UNIT AREA  
I SEC. NO. 916



This indenture dated as of the first day of April, 1959, by and between El Paso Natural Gas Company, a Delaware corporation, whose address is Post Office Box 1492, El Paso, Texas (hereinafter called "Gas Company"), and El Paso Natural Gas Products Company, a Texas corporation, whose address is Post Office Box 1161, El Paso, Texas (hereinafter called "Products Company").

WITNESSETH:

WHEREAS, under the provisions of the act of February 25, 1920, 41 Stat. 437, 30 U.S.C. secs. 181, et seq., as amended by the act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior on the 27th day of February, 1952, approved a unit agreement for the Rincon Unit Area wherein Ralph A. Johnston was designated as Unit Operator; and,

WHEREAS, said Ralph A. Johnston has resigned as such operator and, in accordance with the terms of the Rincon Unit Agreement, Gas Company was appointed and has accepted and assumed the duties of the successor unit operator; and,

WHEREAS, said Gas Company now desires to appoint Products Company as Sub-Operator and Products Company desires to accept and assume the duties of Sub-Operator, as below set forth.

NOW, THEREFORE, in consideration of the premises herein before set forth and the promises hereinafter contained, it is mutually agreed as follows:

1. Gas Company hereby designates Products Company as Sub-Operator as to the Lower Gallup (Tocito) Zone, the same zone which is found between the depths of 6668 feet and 6716 feet in the Rincon Unit #11 well located in the Southeast Quarter of the Southwest Quarter (SE/4 SW/4) of Section 6, Township 26 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, in and under the lands covered by the said Unit Agreement.

2. Products Company hereby covenants and agrees to fulfill the duties and assume the obligations of Sub-Operator under and pursuant to all of the terms of the said Unit Agreement in so far as it pertains to the Lower Gallup (Tocito) Zone, as hereinabove described, lying in and under the lands covered by the said Unit Agreement.

3. Gas Company covenants and agrees that effective upon acceptance of this indenture by the Director of the Geological Survey and the Commissioner of Public Lands, Products Company shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Sub-Operator as to the Lower Gallup (Tocito) Zone, as herein above described, pursuant to the terms and conditions of the said Unit Agreement, said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though the said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF this instrument is executed by the parties hereto as of the date hereinabove set forth.

EL PASO NATURAL GAS COMPANY

BY *Arnold S. Howell* *AS*  
Attorney-in-Fact

EL PASO NATURAL GAS PRODUCTS COMPANY

BY *Roland L. Humblin* *EW*  
Attorney-in-Fact

I hereby accept the foregoing indenture designating  
El Paso Natural Gas Products Company as Sub-Operator under the  
Unit Agreement for the Rincon Unit area this \_\_\_\_\_ day of  
\_\_\_\_\_, 1959.

\_\_\_\_\_  
Director of Geological Survey

\_\_\_\_\_  
Director-Oil Conservation Commission

Office of the Commissioner of Public Lands  
Santa Fe, New Mexico

I hereby accept the foregoing indenture designating El  
Paso Natural Gas Products Company as Sub-Operator under the Unit  
Agreement for the Rincon Unit Area this \_\_\_\_\_ day of  
\_\_\_\_\_, 1959, subject to like approval being  
obtained from the United States Geological Survey.

\_\_\_\_\_  
Commissioner of Public Lands



DESIGNATION OF SUB-OPERATOR  
RINCON UNIT AREA  
I SEC. NO. 916

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IN WITNESS WHEREOF this instrument is executed by the parties hereto as of the date hereinabove set forth.

EL PASO NATURAL GAS COMPANY

BY

*Arnold Howell* *AS*  
Attorney-in-Fact

EL PASO NATURAL GAS PRODUCTS COMPANY

BY

*Robert L. Besseler* *RB*  
Attorney-in-Fact

I hereby accept the foregoing indenture designating  
El Paso Natural Gas Products Company as Sub-Operator under the  
Unit Agreement for the Rincon Unit area this \_\_\_\_\_ day of  
\_\_\_\_\_, 1959.

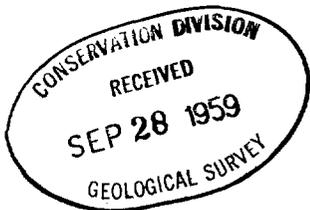
\_\_\_\_\_  
Director of Geological Survey

\_\_\_\_\_  
Director-Oil Conservation Commission

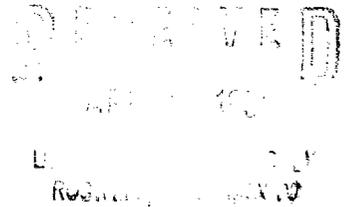
Office of the Commissioner of Public Lands  
Santa Fe, New Mexico

I hereby accept the foregoing indenture designating El  
Paso Natural Gas Products Company as Sub-Operator under the Unit  
Agreement for the Rincon Unit Area this \_\_\_\_\_ day of  
\_\_\_\_\_, 1959, subject to like approval being  
obtained from the United States Geological Survey.

\_\_\_\_\_  
Commissioner of Public Lands



DESIGNATION OF SUB-OPERATOR  
RINCON UNIT AREA  
I SEC. NO. 916



This indenture dated as of the first day of April, 1959, by and between El Paso Natural Gas Company, a Delaware corporation, whose address is Post Office Box 1492, El Paso, Texas (hereinafter called "Gas Company"), and El Paso Natural Gas Products Company, a Texas corporation, whose address is Post Office Box 1161, El Paso, Texas (hereinafter called "Products Company").

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2. Products Company hereby covenants and agrees to fulfill the duties and assume the obligations of Sub-Operator under and pursuant to all of the terms of the said Unit Agreement in so far as it pertains to the Lower Gallup (Tocito) Zone, as hereinabove described, lying in and under the lands covered by the said Unit Agreement.

3. Gas Company covenants and agrees that effective upon acceptance of this indenture by the Director of the Geological Survey and the Commissioner of Public Lands, Products Company shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Sub-Operator as to the Lower Gallup (Tocito) Zone, as herein above described, pursuant to the terms and conditions of the said Unit Agreement, said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though the said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF this instrument is executed by the parties hereto as of the date hereinabove set forth.

EL PASO NATURAL GAS COMPANY

BY

*B. S. Howell* *BS*  
Attorney-in-Fact

EL PASO NATURAL GAS PRODUCTS COMPANY

BY

*R. L. Bamberlin* *RLB*  
Attorney-in-Fact

I hereby accept the foregoing indenture designating  
El Paso Natural Gas Products Company as Sub-Operator under the  
Unit Agreement for the Rincon Unit area this \_\_\_\_\_ day of  
\_\_\_\_\_, 1959.

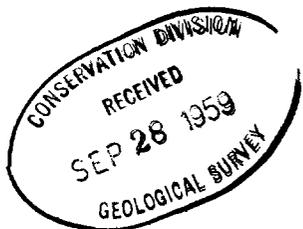
\_\_\_\_\_  
Director of Geological Survey

\_\_\_\_\_  
Director-Oil Conservation Commission

Office of the Commissioner of Public Lands  
Santa Fe, New Mexico

I hereby accept the foregoing indenture designating El  
Paso Natural Gas Products Company as Sub-Operator under the Unit  
Agreement for the Rincon Unit Area this \_\_\_\_\_ day of  
\_\_\_\_\_, 1959, subject to like approval being  
obtained from the United States Geological Survey.

\_\_\_\_\_  
Commissioner of Public Lands



DESIGNATION OF SUB-OPERATOR  
RINCON UNIT AREA  
I SEC. NO. 916

RECEIVED  
APR 28 1959  
CONSERVATION DIVISION  
GEOLOGICAL SURVEY

This indenture dated as of the first day of April, 1959, by and between El Paso Natural Gas Company, a Delaware corporation, whose address is Post Office Box 1492, El Paso, Texas (hereinafter called "Gas Company"), and El Paso Natural Gas Products Company, a Texas corporation, whose address is Post Office Box 1161, El Paso, Texas (hereinafter called "Products Company").

WITNESSETH:

WHEREAS, under the provisions of the act of February 25, 1920, 41 Stat. 437, 30 U.S.C. secs. 181, et seq., as amended by the act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior on the 27th day of February, 1952, approved a unit agreement for the Rincon Unit Area wherein Ralph A. Johnston was designated as Unit Operator; and,

WHEREAS, said Ralph A. Johnston has resigned as such operator and, in accordance with the terms of the Rincon Unit Agreement, Gas Company was appointed and has accepted and assumed the duties of the successor unit operator; and,

WHEREAS, said Gas Company now desires to appoint Products Company as Sub-Operator and Products Company desires to accept and assume the duties of Sub-Operator, as below set forth.

NOW, THEREFORE, in consideration of the premises herein before set forth and the promises hereinafter contained, it is mutually agreed as follows:

1. Gas Company hereby designates Products Company as Sub-Operator as to the Lower Gallup (Tocito) Zone, the same zone which is found between the depths of 6668 feet and 6716 feet in the Rincon Unit #11 well located in the Southeast Quarter of the Southwest Quarter (SE/4 SW/4) of Section 6, Township 26 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, in and under the lands covered by the said Unit Agreement.

2. Products Company hereby covenants and agrees to fulfill the duties and assume the obligations of Sub-Operator under and pursuant to all of the terms of the said Unit Agreement in so far as it pertains to the Lower Gallup (Tocito) Zone, as hereinabove described, lying in and under the lands covered by the said Unit Agreement.

3. Gas Company covenants and agrees that effective upon acceptance of this indenture by the Director of the Geological Survey and the Commissioner of Public Lands, Products Company shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Sub-Operator as to the Lower Gallup (Tocito) Zone, as herein above described, pursuant to the terms and conditions of the said Unit Agreement, said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though the said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF this instrument is executed by the parties hereto as of the date hereinabove set forth.

EL PASO NATURAL GAS COMPANY

BY

*B. P. Howell*

Attorney-in-Fact

EL PASO NATURAL GAS PRODUCTS COMPANY

BY

*Roland L. Hamilton*

Attorney-in-Fact

I hereby accept the foregoing indenture designating  
El Paso Natural Gas Products Company as Sub-Operator under the  
Unit Agreement for the Rincon Unit area this \_\_\_\_\_ day of  
\_\_\_\_\_, 1959.

\_\_\_\_\_  
Director of Geological Survey

\_\_\_\_\_  
Director-Oil Conservation Commission

Office of the Commissioner of Public Lands  
Santa Fe, New Mexico

I hereby accept the foregoing indenture designating El  
Paso Natural Gas Products Company as Sub-Operator under the Unit  
Agreement for the Rincon Unit Area this \_\_\_\_\_ day of  
\_\_\_\_\_, 1959, subject to like approval being  
obtained from the United States Geological Survey.

\_\_\_\_\_  
Commissioner of Public Lands

In reply refer to:  
Unit Division

November 9, 1959

El Paso Natural Gas Products Company  
P. O. Box 1161  
El Paso, Texas

Re: Rincon Unit Agreement  
Rio Arriba County, New Mexico

ATTENTION: Mr. John H. Bannister

Gentlemen:

We are returning to you four copies of instrument entitled " Designation of Sub-Operator Rincon Unit Area 1-Sec. No. 916."

The Unit Division is accepting the forgoing instrument for record purpose only, said designation will have no force and effect and El Paso Natural Gas Company will in no way be relieved of any responsibility as Unit Operator.

Very truly yours,  
MURRAY E. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MER/m

cc:

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

✓ Oil Conservation Commission  
Santa Fe, New Mexico

C  
O  
P  
Y

In reply refer to:  
Unit Division

September 10, 1959

El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

ATTENTION: Mr. C. L. Perkins

RE: Rincon Unit  
Water Pressure Maintenance  
Program  
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your proposal, dated April 1, 1959, as operator of the Rincon Unit Area, Rio Arriba County, New Mexico, to join with Caultkins Oil Company in a joint water pressure maintenance project for the South Blanco-Toeito Oil Pool.

Our approval is subject to like approval being obtained from the United States Geological Survey and the Oil Conservation Commission.

We are enclosing two copies of your proposal.

Very truly yours,  
MURRAY E. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MER/m  
cc:

USGS- Roswell  
OCC- Santa Fe

C  
O  
P  
Y

*[Handwritten signature]*  
299



1959 JUL 23 PM 1:13  
OFFICE OCC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 6721  
Roswell, New Mexico

File 11

July 22, 1959

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

Attention: Mr. Sam Smith

Gentlemen:

Your 1959 plan of development, dated May 6, 1959, for the Rincon Unit, I-Sec No. 916, Rio Arriba County, New Mexico, which provides for the drilling of eight dual Mesaverde-Dakota wells has been approved on this date subject to like approval by appropriate State Officials.

According to our records, unitized Rincon lands at the following locations appear subject to drainage.

<u>Location</u>	<u>Zone(s) Subject to Drainage</u>
S $\frac{1}{4}$ sec. 27, T. 27 N., R. 6 W.	Pictured Cliffs, Mesaverde, Dakota
E $\frac{1}{4}$ sec. 23, T. 27 N., R. 7 W.	Mesaverde
S $\frac{1}{4}$ sec. 24, T. 27 N., R. 7 W.	Mesaverde
SW $\frac{1}{4}$ sec. 28, T. 27 N., R. 7 W.	Mesaverde, Dakota

Please furnish this office within 15 days a statement of your intentions regarding protection wells since they are not mentioned in your 1959 plan of development.

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):  
MDOCC, Santa Fe ✓  
Comm. of Public Lands, Santa Fe

*El Paso Natural Gas Company*

MAIN OFFICE OCC

*El Paso, Texas*

1959 JUL 6 / IN June 29, 1959

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
ELEVENTH EXPANDED PARTICIPATING  
AREA, Mesaverde Formation  
Effective September 1, 1958

Gentlemen:

This is to advise that the Eleventh Expanded Participating Area for the Mesaverde Formation, Rincon Unit, was approved as follows:

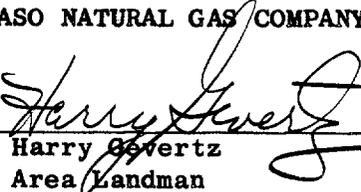
1. Director, United States Geological Survey, on June 16, 1959.
2. Commissioner of Public Lands of the State of New Mexico on February 17, 1959.
3. Oil Conservation Commission of the State of New Mexico on January 7, 1959.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

  
Harry Gwertz  
Area Landman  
Land Department

Rincon Unit  
Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. L. Caldwell  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Building  
Dallas 1, Texas

C... CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

May 28, 1959

File case  
299

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

ATTENTION: Mr. Sam Smith

Re: 1959 Drilling Program  
Rincon Unit, Rio Arriba  
County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1959 Drilling Program for the Rincon Unit Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the application is returned herewith.

Very truly yours,

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

ALP/RLS/pj

Encl.

cc: State Land Office - Santa Fe, New Mexico  
United States Geological Survey - Roswell, New Mexico

# El Paso Natural Gas Company

El Paso, Texas

May 6, 1959

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

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

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

Re: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
1959 DRILLING PROGRAM

Gentlemen:

By letter dated January 21, 1958, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned unit for the calendar year 1958, consisting of three dual Mesaverde and Pictured Cliffs Wells, sixteen Pictured Cliffs Wells and five Mesaverde Wells. By letter dated September 4, 1958, a Supplemental Drilling Program was filed changing one of the scheduled dual Mesaverde-Pictured Cliffs Wells to be completed as a dual Mesaverde-Dakota Well. All of these wells were completed during 1958 upon lands committed to this unit, and determined to be commercial.

As of this date, the total number of wells completed in the Rincon Unit is as follows:

*Mesaverde	19
Pictured Cliffs	93
Dual, Mesaverde-Pictured Cliffs	8
Dual, Mesaverde-Dakota	1

\*This total reflects a well (Rincon Unit #84 Well, E/2 Section 26, T-27-N, R-7-W) drilled to the Dakota and plugged back to the Mesaverde by Texas National Petroleum Co., et al, and further reflects one well (Rincon Unit #23 Well, W/2 Section 35, T-27-N, R-7-W) determined to be non-commercial.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1959, consisting of eight dual completion wells to be drilled to the Mesaverde and Dakota Formations. This Drilling Program is to constitute all of our drilling obligations for this year. These proposed drilling sites are as follows:

<u>DRILLING BLOCK</u>	<u>FORMATION</u>
W/2 Section 30, T-27-N, R-6-W	Dual, Mesaverde & Dakota
N/2 Section 28, T-27-N, R-6-W	Dual, Mesaverde & Dakota

The remaining six locations will be selected upon completion of the two wells described above so that the information obtained from their completion may be utilized to best advantage.

These wells will be drilled in accordance with the operating regulations as set forth by the United States Geological Survey, and due care will be taken to protect the unit from drainage and to comply with any requirements by the United States Geological Survey for additional drilling.

El Paso Natural Gas Company intends to drill the above mentioned wells to the base of the Dakota Formation using rotary tools. 13 3/8" O.D. surface casing will be set at 240' with cement circulated to surface. The hole will be mud drilled to a point below the Pictured Cliffs Formation (approximately 3600') and intermediate casing consisting of 9 5/8" O.D. casing will be cemented to the surface. From this point the well will be gas drilled to the top of the Dakota Formation (about 7500'). A liner of 7" O.D. casing will be run and cemented from the bottom of the intermediate string to the top of the Dakota Formation. The Dakota Formation will be drilled with mud and a second liner of 5" O.D. casing will be cemented to cover the Dakota Formation. The Dakota and Mesaverde pay sections will be perforated and individually fractured with water and sand. After cleaning out both formations a permanent packer will be set in the 7" liner to separate the formations. Two strings of 2" tubing will be run. One string set through the production packer will produce the Dakota Formation while the second string set above the packer will be used to produce the Mesaverde Section.

All of the Working Interest Owners have been contacted and this Drilling Program reflects, insofar as possible, their requests for additional drilling.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

  
Sam Smith, Manager

Land Department

SS:BGI:ch  
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 United States Geological Survey  
and the Oil Conservation Commission.

APPROVED: W. H. Patten \_\_\_\_\_ DATE: 5-28-59  
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 1959 Drilling Program for the Rincon Unit Area,  
I Sec. No. 916, Rio Arriba County, New Mexico.

In reply refer to:  
Unit Division

May 25, 1959

File  
299

El Paso Natural Gas Company  
El Paso, Texas

ATTENTION: Mr. Sam Smith

Re: 1959 Plan of Development  
Rincon Unit Area  
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has of this date approved the 1959 Plan of Development for the Rincon Unit Area.

We are enclosing one approved copy of this drilling program.

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

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STATE OFFICE 900  
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In reply refer to:  
Unit Division

March 4, 1959

File  
299

C  
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Y

El Paso Natural Gas Company  
El Paso, Texas

ATTENTION: Mr. Harry Gevertz

Re: Rincon Unit Area  
Rio Arriba County, New Mexico

Gentlemen:

This is to advise you that the Commissioner of Public Lands has of March 4, 1959 approved the Initial Participating Area, Dakota Formation, for the Rincon Unit Area to be effective December 11, 1958.

We are enclosing five copies which have been approved by the Director of the Oil Conservation Commission and the Commissioner of Public Lands.

Very truly yours,  
MURRAY E. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MER/m  
cc:

OCC- Santa Fe  
USGS- Roswell

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

File  
299

February 24, 1959

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

ATTENTION: Mr. T. W. Bittick

RE: Initial Participating Area,  
Dakota Formation Rincon Unit  
Rio Arriba County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area, Dakota Formation for the Rincon 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.

Seven approved copies of the application were forwarded to the Commissioner of Public Lands of the State of New Mexico.

Very truly yours,

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

ALP/RLS/ig

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

# El Paso Natural Gas Company

El Paso, Texas

January 26, 1959

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

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

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

Re: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
NOTICE OF DISCOVERY AND REQUEST FOR  
APPROVAL OF INITIAL PARTICIPATING AREA  
Dakota Formation  
Effective December 11, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on December 11, 1958 that the Rincon Unit #108 Well, completed in the Dakota Formation, is capable of producing unitized substances in paying quantities from said formation. The Initial Participating Area for the Dakota Formation is submitted herewith for your approval, and the following selection of lands are estimated to be productive in paying quantities:

Township 27 North, Range 6 West  
Section 19: All  
Containing 638.72 acres

The lands described are proven to be productive by the following: The Rincon Unit #108 Well, a Mesaverde-Dakota dual completion, located 1750' from the North line and 1750' from the East line of Section 19, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on May 18, 1958 and completed on November 30, 1958 at a total depth of 7532' in the Dakota Formation. The

Dakota Formation from 7287' - 7298', 7402' - 7416', 7460' - 7478', 7515' - 7521' was treated with a sand-oil fracturing process. After being shut-in for seven (7) days, the well was tested in the Dakota Formation on December 11, 1958, and following a three (3) hour blow-down period gauged 4819 MCFGPD through a 3/4" choke and 5600 MCFGPD by the calculated absolute open-flow method with an SIPT of 2014#.

Attached is Schedule I showing the Initial Participating Area for the Dakota Formation of the Rincon Unit Area. This describes the Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. The effective date of the Initial Participating Area for the Dakota Formation is December 11, 1958.

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

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By: 

T. W. Bittick  
Assistant Manager  
Land Department

TWB:BGI:ch  
Attachment

**RINCON UNIT**  
**WORKING INTEREST OWNERS**

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

Mr. R E. Beamon  
1303 Esperson Building  
Houston 2, Texas

Mr Jack Martin  
Delhi Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil & Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

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

Mr. W. C. McMahon  
Post Office Box 631  
Houston 2, Texas

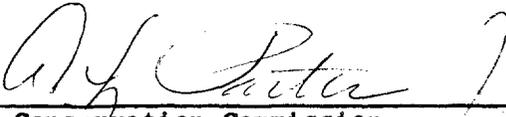
Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
1900 Mercantile Dallas Building  
Dallas 1, Texas

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Supervisor, United States Geological Survey  
Subject to like approval by the appropriate state officials.

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Commissioner of Public Lands  
Subject to like approval by the United States Geological Survey and the  
Oil Conservation Commission of the State of New Mexico.

APPROVED:  \_\_\_\_\_ DATE: 2-28-19  
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.

The foregoing approvals are for the Initial Participating Area for the Dakota  
Formation, Rincon Unit, I Sec. No. 916, Rio Arriba County, New Mexico.

SCHEDULE I  
 INITIAL PARTICIPATING AREA FOR THE DAKOTA FORMATION  
 RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>Tract 15</u>							
SF 079366	T-27-N, R-6-W Sec. 19: Lots 3,4, SE/4, E/2 SW/4	319.40	Royalty; Working Interest; El Paso Natural Gas Co. ORRI;		12.50% 77.00% 10.50% 100.00%	12.50% 77.00% 10.50% 100.00%	<u>0.50006%</u>
<u>Tract 15-A</u>							
SF 079366	T-27-N, R-6-W Sec. 19: Lots 1,2, E/2 NW/4, NE/4	319.32	Royalty; Working Interest; El Paso Natural Gas Co. ORRI;		12.50% 80.00% 7.50% 100.00%	12.50% 80.00% 7.50% 100.00%	<u>0.49994%</u>

SCHEDULE I  
INITIAL PARTICIPATING AREA FOR THE DAKOTA FORMATION  
RINCON UNIT AREA

RECAPITULATION

Description of Lands in Participating Area :

Township 27 North, Range 6 West, N.M.P.M.  
Section 19: All

Total Number of Proven Acres :	638.72
Total Number of Committed Acres in Participating Area :	638.72
Percent of Basic Royalty Interest committed :	100.0000%
Percent of Working Interest committed :	100.0000%
Percent of O.R.R.I. committed :	100.0000%

File  
297

In reply refer to:  
Unit Division

February 17, 1959

El Paso Natural Gas Company  
El Paso, Texas

Re: Rincon Unit Area  
Rio Arriba County, N.M.  
Eleventh Expanded Participating  
Area- Mesaverde Formation  
Effective Sept. 1. 1958

ATTENTION: Mr. T. W. Bittick

Gentlemen:

We are enclosing five copies of the above designated,  
which was approved by the Commissioner of Public Lands  
February 17, 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, New Mexico

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Y

# El Paso Natural Gas Company

El Paso, Texas

January 30, 1959

*File*  
*11*

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: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELL, Mesaverde Formation

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit.

This well is as follows:

The Rincon Unit #108 Well, a Mesaverde-Dakota dual completion, located 1750' from the North line and 1750' from the East line of Section 19, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on May 18, 1958 and completed on November 30, 1958 at a total depth of 7532' in the Dakota Formation. The Mesaverde Formation from 4748'-4778', 5012'-5022', 5064'-5080', 5172'-5192', 5308'-5338', 5346'-5352', 5410'-5424' was treated with a sand-water fracturing process. After being shut-in for fifteen (15) days, the well was tested in the Mesaverde Formation on December 19, 1958, and following a three (3) hour blow-down period gauged 2647 MCFGPD through a 3/4" choke and 2881 MCFGPD by the calculated absolute open flow method with an SIPC of 951# and an SIPT of 948#. The determination that this well is capable of producing unitized substances in paying quantities from the Mesaverde Formation was made on December 19, 1958.

The acreage upon which the Rincon Unit #108 Well is located was included in the Fifth Expanded Participating Area for the Mesaverde Formation, effective August 1, 1956. Therefore, the Participating Area is not enlarged and the percentages allocated to the various tracts remain the same. The Rincon Unit #108 Well is included in the Initial Participating Area for the Dakota Formation, which schedule will be submitted for approval under separate cover.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Harry Gevertz  
Area Landman  
Land Department

HG:BGI:pc

cc: Attached List

RINCON UNIT  
WORKING INTEREST OWNERS

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

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

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Mr. W. C. McMahan  
P. O. Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane and Francis  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas

January 19, 1959

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

Re: Rincon Unit  
Rio Arriba County, New Mexico  
I Sec. No. 916  
APPROVAL OF EIGHTH, NINTH, AND  
TENTH REVISIONS OF THE PARTICI-  
PATING AREA, Mesaverde Formation  
Effective February 1, May 1 and  
June 1, 1958 respectively

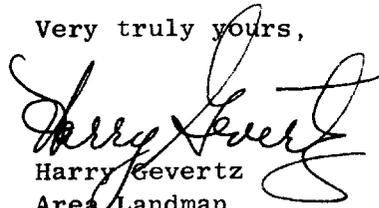
Gentlemen:

This is to advise that the Eighth, Ninth and Tenth Revised Expanded Participating Areas for the Mesaverde Formation, Rincon Unit, were approved as follows:

- (1) Director, United States Geological Survey,  
January 12, 1959
- (2) Commissioner of Public Lands of the State  
of New Mexico, December 5, 1958
- (3) Oil Conservation Commission of the State  
of New Mexico, December 3, 1958

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

Very truly yours,



Harry Gevertz  
Area Landman  
Land Department

HG:BI:jr  
Attachment

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
1303 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Building  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas

January 15, 1959

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates indicated that two (2) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation, have been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #107 Well, a dual completion, located 1550' from the South line and 1550' from the West line of Section 19, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on April 29, 1958 and completed on June 12, 1958 at a total depth of 5566' in the Mesaverde Formation. The Pictured Cliffs Formation from 3100' - 3112', 3130' - 3160' was treated with a sand-water fracturing process. After being shut-in for fifty-six (56) days, the well was tested in the Pictured Cliffs Formation on September 16, 1958, and following a three (3) hour blow-down period gauged 2040 MCFGPD through a 3/4" choke and 2093 MCFGPD by the calculated absolute open flow method with an SIPC of 967# and an SIPT of 967#. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on September 16, 1958.

2. The Rincon Unit #115 Well, a dual completion, located 1550' from the South line and 1550' from the West line of Section 21, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 27, 1958 and completed on August 20, 1958 at a total depth of 5605' in the Mesaverde Formation. The Pictured Cliffs Formation from 3206' - 3226', 3234' - 3252' was treated with a sand-water fracturing process. After being shut-in for twenty-seven (27) days, the well was tested in the Pictured Cliffs Formation on September 16, 1958 and following a three (3) hour blow-down period gauged 1834 MCFGPD through a 3/4" choke and 1873 MCFGPD by the calculated absolute open flow method with an SIPC of 944# and an SIPT of 944#. The determination that this well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was made on September 16, 1958.

The acreage upon which the Rincon Unit #107 and #115 Wells are located was included in previous expansions for the Pictured Cliffs Formation. Therefore, the Participating Area is not enlarged and the percentages allocated to the various tracts remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By:

  
Harry Gevertz  
Area Landman  
Land Department

HG:BGI:n1

cc: See Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
1303 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Building  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas  
January 12, 1959

File  
277

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: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, Mesaverde Formation

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that three (3) additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #113 Well, located 1500' from the North line and 800' from the East line of Section 20, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on February 13, 1958 and completed on May 8, 1958 at a total depth of 5584' in the Mesaverde Formation. The Mesaverde Formation from 4842' - 4852', 4859' - 4868', 4876' - 4892', 4900' - 4916', 4928' - 4946', 5394' - 5412', 5422' - 5436', 5450' - 5462', 5471' - 5484', 5510' - 5520', 5538' - 5554' was treated with a sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested on May 21, 1958 and following a three (3) hour blow-down period gauged 3324 MCFGPD through a 3/4" choke and 4568 MCFGPD by the calculated absolute open-flow method with an SIPC of 1080# and an SIPT of 1080#. The determination that this well is capable of producing unitized substances in paying quantities from the Mesaverde Formation was made on May 21, 1958.

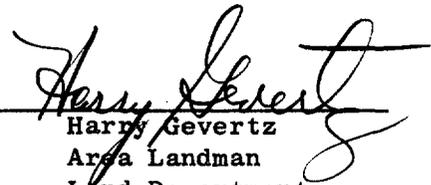
2. The Rincon Unit #115 Well, a dual completion located 1550' from the South line and 1550' from the West line of Section 21, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 27, 1958 and completed on August 20, 1958 at a total depth of 5605' in the Mesaverde Formation. The Mesaverde Formation from 4902' - 4912', 4922' - 4936', 4952' - 4966', 5360' - 5374', 5410' - 5424', 5442' - 5454', 5478' - 5492', 5504' - 5527', 5538' - 5552' was treated with a sand-water fracturing process. After being shut in for eight (8) days, the well was tested in the Mesaverde Formation on August 28, 1958 and following a three (3) hour blow-down period gauged 2276 MCFGPD through a 3/4" choke and 2587 MCFGPD by the calculated absolute open-flow method with an SIPT of 964#. The determination that this well is capable of producing unitized substances in paying quantities from the Mesaverde Formation was made on August 28, 1958.
  
3. The Rincon Unit #123 Well, located 990' from the South line and 1190' from the West line of Section 13, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on March 29, 1958 and completed on April 17, 1958 at a total depth of 5717' in the Mesaverde Formation. The Mesaverde Formation from 4950' - 4982', 5000' - 5022', 5386' - 5436', 5484' - 5494', 5514' - 5580', 5602' - 5656' was treated with a sand-water fracturing process. After being shut in for thirty-one (31) days the well was tested on May 19, 1958 and following a three (3) hour blow-down period gauged 2738 MCFGPD through a 3/4" choke and 3735 MCFGPD by the calculated absolute open-flow method with an SIPC of 1110# and an SIPT of 1098#. The determination that this well is capable of producing unitized substances in paying quantities from the Mesaverde Formation was made on May 19, 1958.

The acreage upon which the above wells are located has previously been included in the Participating Area for the Mesaverde Formation. Therefore the Participating Area is not enlarged and the percentages allocated to the various tracts in the Participating Area remain the same.

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

Yours very truly,

EL PASO NATURAL GAS COMPANY

By   
Harry Gevertz  
Area Landman  
Land Department

HG:BGI:pc

cc: Attached Sheet

RINCON UNIT  
WORKING INTEREST OWNERS

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
1303 Esperson Bldg.  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas St.  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett St.  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

File 299

January 7, 1959

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

ATTENTION: Mr. T. W. Bittick

Re: Eleventh Expanded Participating  
Area, Mesaverde Formation Rincon  
Unit Rio Arriba County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Eleventh Expanded Participating Area, Mesaverde Formation for the Rincon 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.

Seven approved copies of the application were forwarded to the Commissioner of Public Lands of the State of New Mexico.

Very truly yours,

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

ALP/RLS/ig

cc: State Land Office - Santa Fe  
US Geological Survey - Roswell

# El Paso Natural Gas Company

El Paso, Texas

December 12, 1958

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
ELEVENTH EXPANDED PARTICIPATING  
AREA, Mesaverde Formation  
Effective September 1, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Eleventh Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 6 West  
Section 19: S/2  
Containing 319.40 acres

The lands described above are proven to be productive by the following:

The Rincon Unit #107 Well, located 1550' from the South line and 1550' from the West line of Section 19, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on April 29, 1958 and completed on June 12, 1958 at a total depth of 5566' in the Mesaverde Formation. The Cliff House Section of the Mesaverde Formation from 4754'-4770', 4794'-4808', 4826'-4844' was treated with a sand-water fracturing process. The Menefee Formation from 4916'-4930', 4996'-5010', 5021'-5032', 5040'-5052', 5068'-5078', 5102'-5134' and the Point Lookout Section of the Mesaverde Formation from 5306'-5322', 5330'-5340', 5360'-5384', 5395'-5406', 5418'-5434', 5447'-5460', 5468'-5492' were also treated with a sand-water fracturing process. The well was shut in on July 22, 1958. After being shut-in for forty-five (45) days, the well was tested in the Mesaverde Formation

on September 5, 1958, and following a three (3) hour blow-down period gauged 2803 MCFGPD through a 3/4" choke and 3256 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1115#. The committed drilling block upon which this well is located is described as the S/2 of Section 19, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 319.40 acres.

Attached is Schedule XII showing the Eleventh Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicted unless a more appropriate effective date is specified in the schedule," the Eleventh Expanded Participating Area will be effective September 1, 1958. If this Eleventh Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Copies of this letter and schedule 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  
Assistant Manager  
Land Department

TWB:SM:pc

cc: Attached List

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

DATE: Jan 7, 1959

The foregoing approvals are for the Eleventh Expanded Participating Area for the Mesaverde Formation, effective September 1, 1958, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

**RINCON UNIT**  
**Working Interest Owners**

Copies of the foregoing letter have been sent to the following Working Interest Owners:

**Texas National Petroleum Company**  
**902 South Coast Life Bldg.**  
**Houston 2, Texas**

**Mr. R. E. Beamon**  
**1303 Esperson Building**  
**Houston 2, Texas**

**Mr. Jack Martin**  
**Delhi-Taylor Oil Corporation**  
**823 Corrigan Tower**  
**Dallas 1, Texas**

**Mr. Paul W. Neuenschwander**  
**Southern Petroleum Exploration, Inc.**  
**Post Office Box 192**  
**Sistersville, West Virginia**

**Wood River Oil and Refining Co., Inc.**  
**321 West Douglas Street**  
**Wichita 2, Kansas**

**Shoreline Petroleum Corporation**  
**102 West Crockett Street**  
**San Antonio 5, Texas**

**Mr. J. Glenn Turner**  
**1900 Mercantile Dallas Bldg.**  
**Dallas 1, Texas**

**Mr. W. C. McMahan**  
**Post Office Box 631**  
**Houston 2, Texas**

**Mr. A.V. Jones**  
**Albany, Texas**

**Mr. Homer R. Stazney**  
**Albany, Texas**

**Mr. William G. Webb**  
**c/o Turner, Atwood, White, McLane & Francis**  
**1900 Mercantile Dallas Bldg.**  
**Dallas 1, Texas**

MAIN OFFICE 000

In reply refer to:  
Unit Division

RECORDED & INDEXED

December 5, 1958

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El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

ATTENTION: Mr. Harry Gevertz

Re: Withdrawal of approval  
Eighth, Ninth, and Tenth  
Expanded Mesaverde  
Participating Area  
Rincon Unit- Rio Arriba  
County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date withdrawn its approval of the proposed Eighth Expanded Mesaverde Participating Area, dated April 15, 1958; Ninth Expanded Mesaverde Participating Area, dated June 16, 1958 and the Tenth Expanded Mesaverde Participating Area, dated August 11, 1958 for the Rincon Unit, Rio Arriba County, New Mexico.

Very truly yours,  
MURRAY E. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MMR/m  
cc:

United States Geological Survey-Roswell, New Mexico  
Oil Conservation Commission- Santa Fe, New Mexico

MAIN OFFICE OCC  
DEC 5 1958 AM 8:33

In reply refer to:  
Unit Division

December 5, 1958

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El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

Attention: Mr. T. W. Bittick

Re: Tenth Expanded Mesaverde  
Participating Area, Rincon  
Unit- Rio Arriba County,  
New Mexico

Gentlemen:

We are enclosing five approved copies of the Tenth Expanded Mesaverde Participating Area dated November 28, 1958, for the Rincon Unit, Rio Arriba County, New Mexico, which were approved by the Commissioner of Public Lands December 5, 1958, 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

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MER/m  
cc: OCC-Santa Fe  
USGS-Roswell

MAIN OFFICE OCC

In reply refer to:  
Unit Division

DEC 6 AM 8:32

December 5, 1958

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Shell Oil Company  
705 West Municipal Drive  
Farmington, New Mexico

ATTENTION: Mr. F. W. Nantker

Re: Ninth Expanded Gallup  
Participating Area  
Carson Unit San Juan  
County, New Mexico.

Gentlemen:

The Commissioner of Public Lands has this date approved the Ninth Expanded Participating Area, Gallup Formation for the Carson Unit San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

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

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

RECEIVED BY THE BUREAU  
DECEMBER 5 1958

In reply refer to:  
Unit Division

December 5, 1958

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El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

Attention: Mr. Harry Gevertz

Re: Ninth Expanded Mesaverde  
Participating Area, Rincon  
Unit-Rio Arriba County,  
New Mexico

Gentlemen:

We are enclosing five approved copies of the Ninth Expanded Mesaverde Participating Area dated November 28, 1958, for the Rincon Unit, Rio Arriba County, New Mexico, which was approved by the Commissioner of Public Lands December 5, 1958, 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

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MMR/m  
cc:

OCC: Santa Fe  
USGS: Roswell

MAIN OFFICE OCC

RECEIVED 6 AM 8 33

In reply refer to:  
Unit Division

December 5, 1958

File  
299

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El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

Attention: Mr. Harry Gevertz

Re: Eighth Expanded Mesaverde  
Participating Area- Rincon  
Unit- Rio Arriba County,  
New Mexico.

Gentlemen:

The Commissioner of Public Lands has this date approved the Eighth Expanded Mesaverde Participating Area dated November 28, 1958 for the Rincon Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed are five approved copies for your files.

Very truly yours,

MURRAY E. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MMR/tn  
cc:

OCC-Santa Fe  
USGS-Roswell

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

*file*

*299*

December 3, 1958

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El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

Attention: Mr. Harry Gevertz

Re: Ninth Expanded Mesaverde  
Participating Area, Rincon  
Unit - Rio Arriba County,  
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Ninth Expanded Mesaverde Participating Area dated November 28, 1958, for the Rincon 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.

Seven approved copies of the application were forwarded to the Commissioner of Public Lands of the State of New Mexico.

Very truly yours,

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

ALP/RLS/ir

cc: U. S. Geological Survey - Roswell, New Mexico  
State Land Office - Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 3, 1958

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

Attention: Mr. Harry Gevertz

Re: Eighth Expanded Mesaverde  
Participating Area - Rincon  
Unit - Rio Arriba County,  
New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Eighth Expanded Mesaverde Participating Area dated November 28, 1958 for the Rincon 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.

Seven approved copies of the application were forwarded to the Commissioner of Public Lands for the State of New Mexico.

Very truly yours,

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

ALP/RLS/ir

cc: U. S. Geological Survey - Roswell, New Mexico  
State Land Office - Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 2, 1958

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El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

Attention: Mr. Harry Gevertz

Re: Withdrawal of approval  
Eighth Expanded Mesaverde  
Participating Area  
Rincon Unit - Rio Arriba  
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date withdrawn its approval of the proposed Eighth Expanded Mesaverde Participating Area dated April 15, 1958 for the Rincon Unit, Rio Arriba County, New Mexico.

Very truly yours,

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

ALP/RLS/ir

cc: U. S. Geological Survey - Roswell, New Mexico  
State Land Office - Santa Fe, New Mexico

# El Paso Natural Gas Company

El Paso, Texas

November 28, 1958

File

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
NINTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective May 1, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Ninth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 26 North, Range 7 West  
Section 1: Lots 3,4, S/2 NW/4, SW/4 (W/2)  
Containing 320.60 acres

The lands described above are proven to be productive by the following:

The Rincon Unit #101 Well, located 1850' from the South line and 850' from the West line of Section 1, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 11, 1958, and completed on May 2, 1958, at a total depth of 5278' in the Mesaverde Formation. On April 29, 1958 the Point Lookout Section of the Mesaverde Formation from 5022' to 5032', 5042' to 5056', 5066' to 5078', 5092' to 5110', 5114' to 5132' and 5140' to 5156' was treated with a sand-water fracturing process. After being shut-in for sixteen (16) days, the well was tested on May 19, 1958 in the Mesaverde Formation, and following a three hour blow-down period gauged 1705 MCFGPD through a 3/4" choke and 1893 MCFGPD by the calculated absolute open flow method with an SIPC of 1086# and an SIPT of 792#.

Attached is Schedule X showing the Ninth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule," the Ninth Expanded Participating Area will be effective May 1, 1958.

If this Ninth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Copies of this letter and schedule 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

T. W. Bittick  
Assistant Manager  
Land Department

TWB:SM:pc

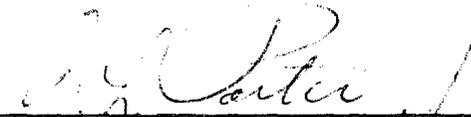
cc: Attached List

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

DATE: 12-3-58

The foregoing approvals are for the Ninth Expanded Participating Area for the Mesaverde Formation, effective May 1, 1958, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit  
Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
1303 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

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

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 W. Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas  
November 28, 1958

File

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
EIGHTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective February 1, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Eighth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 7 West  
Section 24: Lots 1,2,3,4,5,6,7,8 (N/2)  
Section 34: N/2  
Containing 672.07 acres

The lands described above are proven to be productive by the following:

1. The Rincon Unit #124 Well, located 1800' from the North line and 815' from the East line of Section 34, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 23, 1958, and completed on February 15, 1958, at a total depth of 5508' in the Mesaverde Formation. On February 11, 1958 the Point Lookout Section of the Mesaverde Formation from 5290' to 5300', 5306' to 5310', 5344' to 5352', 5368' to 5376', 5384' to 5394', 5420' to 5428', and 5436' to 5446' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested on February 25, 1958 in the Mesaverde Formation, and following a

three hour blow-down period gauged 2413 MCFGPD through a 3/4" choke and 3004 MCFGPD by the calculated absolute open flow method with an SIPC of 1045# and an SIPT of 1045#.

2. The Ripley #3 Well, located 1090' from the North line and 890' from the East line of Section 24, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 29, 1957 and completed on May 18, 1957 in the Mesaverde Formation. On May 14, 1957 the Cliff House Section of the Mesaverde Formation was treated with a sand-water fracturing process from 4866' to 4906'. The Point Lookout Section of the Mesaverde Formation from 5384' to 5404', 5416' to 5428', 5438' to 5454', 5480' to 5490' and 5500' to 5518' was also treated with a sand-water fracturing process. After being shut-in for ten (10) days, the well was tested on May 28, 1957, and following a three hour blow-down period gauged 2339 MCFGPD through a 3/4" choke and 2751 MCFGPD by the calculated absolute open flow method with an SIPC of 1121# and an SIPT of 1104#.

Attached is Schedule IX showing the Eighth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule", the Eighth Expanded Participating Area will be effective February 1, 1958.

The acreage upon which the Ripley #3 Well is located lies within the unit area but is not committed to the Rincon Unit. The Participating Area is enlarged in the Mesaverde Formation effective February 1, 1958 to include the drilling block dedicated to this well, which is described as Lots 1,2,3,4,5,6,7,8 (N/2). The production from the Ripley #3 Well will be handled on a well basis and will have no effect on the percentages allocated to the tracts which are committed to the unit.

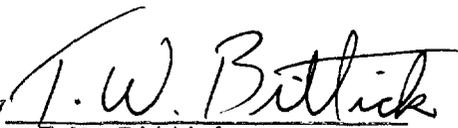
If this Eighth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



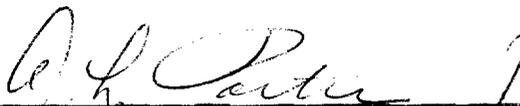
T.W. Bittick  
Assistant Manager  
Land Department

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

DATE: 12-3-48

The foregoing approvals are for the Eighth Expanded Participating Area for the Mesaverde Formation, effective February 1, 1958, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit  
Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
1303 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

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

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 W. Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas



File 217  
217  
MAIN OFFICE DEC 03 1958  
OCT 20 AM 8:28  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 6721  
Roswell, New Mexico

October 9, 1958

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

Attention: Mr. T. W. Bittick

Gentlemen:

Your amendment of September 4, 1958, to the 1958 plan of development for the Rincon unit area, New Mexico, I-Sec. No. 916, proposing that well No. 108, in the NE $\frac{1}{4}$  sec. 19, T. 27 N., R. 6 W., be dually completed in the Mesaverde and Dakota formations, has been approved on this date, subject to like approval by appropriate State officials.

Two approved copies of the amended plan are enclosed.

Very truly yours,

JOHN A. ANDERSON

Enclosures 2

Copy to: Wash. (w/cy of plan)  
Farmington (w/cy of plan)  
Oil Cons. Comm., Santa Fe ✓  
Comm. of Public Lands, Santa Fe

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

File  
299

September 19, 1958

El Paso Natural Gas Company  
El Paso, Texas

ATTENTION: Mr. Harry Gevertz

RE: Revised Eighth Expanded  
Participating Area,  
Mesaverde Formation Rincon  
Unit Rio Arriba County,  
New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Revised Eighth Expanded Participating Area, Mesaverde Formation for the Rincon Unit Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Five approved copies of the application are returned herewith.

Very truly yours,

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

Ig/

cc: USGS-Roswell  
Land Office-Santa Fe

C  
O  
P  
Y

# El Paso Natural Gas Company

El Paso, Texas

April 15, 1958

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
EIGHTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective February 1, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Eighth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 7 West  
Section 24: Lots 1,2,3,4,5,6,7,8 (N/2)  
Section 34: E/2  
Containing 672.07 acres

The lands described above are proven to be productive by the following:

1. The Rincon Unit #124 Well, located 1800' from the North line and 815' from the East line of Section 34, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 23, 1958, and completed on February 15, 1958, at a total depth of 5508' in the Mesaverde Formation. On February 11, 1958 the Point Lookout Section of the Mesaverde Formation from 5290' to 5300', 5306' to 5310', 5344' to 5352', 5368' to 5376', 5384' to 5394', 5420' to 5428', and 5436' to 5446' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested on February 25, 1958 in the Mesaverde Formation, and following a

three hour blow-down period gauged 2413 MCFGPD through a 3/4" choke and 3004 MCFGPD by the calculated absolute open flow method with an SIPC of 1045# and an SIPT of 1045#.

2. The Ripley #3 Well, located 1090' from the North line and 890' from the East line of Section 24, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 29, 1957 and completed on May 18, 1957 in the Mesaverde Formation. On May 14, 1957 the Cliff House Section of the Mesaverde Formation was treated with a sand-water fracturing process from 4866' to 4906'. The Point Lookout Section of the Mesaverde Formation from 5384' to 5404', 5416' to 5428', 5438' to 5454', 5480' to 5490' and 5500' to 5518' was also treated with a sand-water fracturing process. After being shut-in for ten (10) days, the well was tested on May 28, 1957, and following a three hour blow-down period gauged 2339 MCFGPD through a 3/4" choke and 2751 MCFGPD by the calculated absolute open flow method with an SIPC of 1121# and an SIPT of 1104#.

Attached is Schedule IX showing the Eighth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule", the Eighth Expanded Participating Area will be effective February 1, 1958.

The acreage upon which the Ripley #3 Well is located lies within the unit area but is not committed to the Rincon Unit. The Participating Area is enlarged in the Mesaverde Formation effective February 1, 1958 to include the drilling block dedicated to this well, which is described as Lots 1,2,3,4,5,6,7,8 (N/2). The production from the Ripley #3 Well will be handled on a well basis and will have no effect on the percentages allocated to the tracts which are committed to the unit.

If this Eighth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick  
Assistant Manager  
Land Department

TWB:MC:jb  
cc: Attached List

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: Sept. 17, 1958

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

DATE: Sept. 19, 1958

The foregoing approvals are for the Eighth Expanded Participating Area for the Mesaverde Formation, effective February 1, 1958, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

271

December 3, 1958

C  
O  
P  
Y

El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

Re: Tenth Expanded Mesaverde  
Participating Area, Rincon  
Unit - Rio Arriba County,  
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Tenth Expanded Mesaverde Participating Area dated November 28, 1958, for the Rincon 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.

Seven approved copies of the application were forwarded to the Commissioner of Public Lands of the State of New Mexico.

Very truly yours,

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

ALP/RLS/ir

cc: U. S. Geological Survey - Roswell, New Mexico  
State Land Office - Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 2, 1958

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

Attention: Mr. Harry Gevertz

Re: Withdrawal of approval  
Tenth Expanded Mesaverde  
Participating Area -  
Rincon Unit, Rio Arriba  
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date withdrawn its approval of the proposed Tenth Expanded Mesaverde Participating Area dated August 11, 1958 for the Rincon Unit, Rio Arriba County, New Mexico.

Very truly yours,

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

ALP/RLS/ir

cc: U. S. Geological Survey - Roswell, New Mexico  
State Land Office, Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 2, 1958

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

Attention: Mr. Harry Gevertz

Re: Withdrawal of approval  
Ninth Expanded Mesaverde  
Participating Area  
Rincon Unit - Rio Arriba  
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date withdrawn its approval of the proposed Ninth Expanded Mesaverde Participating Area dated June 16, 1958, for the Rincon Unit, Rio Arriba County, New Mexico.

Very truly yours,

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

ALP/RLS/ir

cc: U. S. Geological Survey - Roswell, N.M.  
State Land Office - Santa Fe, New Mexico

# El Paso Natural Gas Company

El Paso, Texas

November 28, 1958

*File*

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
**TENTH EXPANDED PARTICIPATING AREA**  
Mesaverde Formation  
Effective June 1, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Tenth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 26 North, Range 7 West  
Section 11: All  
Section 2: S/2  
Containing 960.00 acres

The lands described above are proven to be productive by the following:

The Rincon Unit #102 Well, located 990' from the South line and 990' from the West line of Section 11, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 17, 1958, and completed on May 16, 1958 at a total depth of 5214' in the Mesaverde Formation. On May 12, 1958, the Point Lookout Section of the Mesaverde Formation from 4940' to 4954', 4974' to 4996', 5006' to 5024', 5034' to 5052', 5064' to 5092', 5124' to 5134' and 5146' to 5160' was treated with a sand-water fracturing process. After being shut-in for thirty-two (32) days, the well was tested in the Mesaverde Formation on June 17, 1958, and following a three (3) hour blow-down period gauged 2483 MCFGPD through a 3/4" choke and 3040 MCFGPD by the calculated absolute open flow method, with an SIPT of 1091#.

Attached is Schedule XI showing the Tenth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule," the Tenth Expanded Participating Area will be effective June 1, 1958. If this Tenth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Copies of this letter and schedule 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  
T. W. Bittick  
Assistant Manager  
Land Department

TWB:SM:pc

cc: Attached List

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

DATE: 12-3-58

The foregoing approvals are for the Tenth Expanded Participating Area for the Mesaverde Formation, effective June 1, 1958, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit  
Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
1303 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

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

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 W. Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Bldg.  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas

November 12, 1958

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: Rincon Unit, I Sec. No. 916  
EXHIBIT "B"  
Rio Arriba County, New Mexico

Gentlemen:

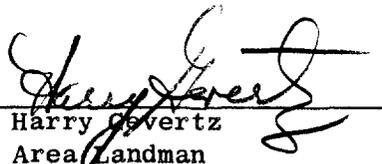
Attached for your information and files find a revision of the Exhibit "B" for the Rincon Unit Area, effective November 1, 1958. Copies of this letter and Exhibit "B" are being sent to the Working Interest Owners shown on the attached sheet.

We will appreciate the Working Interest Owners advising us should they find the ownership or detail of any tract not correctly reflected on said Exhibit "B" and we will make the necessary corrections.

Yours very truly,

EL PASO NATURAL GAS COMPANY

By

  
Harry G. Vertz  
Area Landman  
Land Department

HG:SM:pc  
Attachment

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Building  
Dallas 1, Texas

File 299

In reply refer to:  
Unit Division

October 28, 1958

C  
O  
P  
Y  
MAIN OFFICE OCC

1958 OCT 29 AM 8:16

Paso Natural Gas Company  
Paso, Texas

Re: Resignation of Sub-  
Operator and designation  
of successor to Sub-operator  
Rincon Unit-Rio Arriba  
County, New Mexico

ATTENTION: Mr. Harry Gevartz

Gentlemen:

This is to advise that the Commissioner of Public Lands has this date approved the resignation of Texas National Petroleum Company as sub-operator and the designation of El Paso Natural Gas Company as full unit operator for the Rincon Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Thirteen approved copies of the instrument were handed to Mr. McAtee.

Very truly yours,  
MURRAY E. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/EMR/m  
cc: UEGS- Roswell  
OCC - Santa Fe

**OIL CONSERVATION COMMISSION**

P. O. BOX 871

SANTA FE, NEW MEXICO

October 28, 1958

**C**  
El Paso Natural Gas Company  
El Paso, Texas

Attention: Mr. Harry Gevertz

**O**  
Re: Resignation of Sub-  
Operator and designation  
of successor to Sub-operator  
Rincon 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 resignation of Texas National Petroleum Company as sub-operator and the designation of El Paso Natural Gas Company as full unit operator for the Rincon 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.

Fourteen approved copies of the instrument were handed to Mr. McAtee.

Very truly yours,

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

ALP/RLS/ir

cc: U. S. Geological Survey - Roswell, New Mexico  
State Land Office - Santa Fe, New Mexico

RESIGNATION OF SUB-OPERATOR  
Rincon Unit Area  
County of Rio Arriba  
State of New Mexico  
I - Sec. No. 916

WHEREAS, under the provisions of the act of February 25, 1920, 41 Stat. 437, 30 U.S.C. secs. 181, et seq., as amended by the act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior on the 27th day of February, 1952, approved a Unit Agreement for the Rincon Unit Area in Rio Arriba County, New Mexico; and,

WHEREAS, by instrument dated April 1, 1954, approved June 15, 1954 by the Acting Director of the United States Geological Survey, Texas National Petroleum Company (formerly Johnston Oil and Gas Company) was designated Sub-Operator of the Rincon Unit Area for all formations lying below the base of the Mesaverde Formation in and under the lands covered by said Unit Agreement; and,

WHEREAS, Texas National Petroleum Company desires to resign as such Sub-Operator;

NOW, THEREFORE, the undersigned, Texas National Petroleum Company, does hereby resign as Sub-Operator of the Rincon Unit Area under said Unit Agreement effective as of the first day of the month following acceptance of this Resignation by the Director of the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

ATTEST:

TEXAS NATIONAL PETROLEUM COMPANY

*Samuel E. Goldbraun*  
Assistant Secretary

By *W. Stewart Boyle*  
President

STATE OF TEXAS    )  
                          )  
COUNTY OF HARRIS )

The foregoing instrument was acknowledged before me this 24 day of October, 1958, by W. STEWART BOYLE, President of TEXAS NATIONAL PETROLEUM COMPANY, a Delaware corporation, on behalf of said corporation.

*Wanzell Wood*  
Notary Public

My Commission expires:  
6/23/59

WANZELL WOOD  
Notary Public in and for Harris County, Texas  
Approved.....Oct 28.....1958  
*A. H. Pette*  
Secretary-Director

# El Paso Natural Gas Company

El Paso, Texas

October 3, 1958

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: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
NOTICE OF COMPLETION OF NON-COMMERCIAL WELL  
Mesaverde Formation

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on September 4, 1957, that the following described well was not capable of producing unitized substances in paying quantities from the Mesaverde Formation:

The Rincon Unit #84 Well, located 990' from the North line and 990' from the East line of Section 26, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on November 24, 1956, and completed on January 15, 1957, at a total depth of 7790' in the Dakota Formation. The well was considered as a failure in the Dakota Formation and was plugged back and completed in the Mesaverde Formation on July 9, 1957, at a total depth of 5580'. The Point Lookout Section of the Mesaverde Formation from 5444' - 5490', 5508' - 5514', 5522' - 5526', 5530' - 5532', 5539' - 5542', 5550' - 5554' was treated with a sand-water fracturing process. The Menefee Section of the Mesaverde Formation from 5062' - 5078', 5088' - 5098', 5104' - 5114', 5120' - 5130' was also treated with a sand-water fracturing process. After being shut-in for forty-four (44) days, the well was tested in the Mesaverde Formation on September 4, 1957, and following a three (3) hour blow-down period gauged 821 MCFGPD through a 3/4" choke, and 839 MCFGPD by the calculated absolute open-flow method, with an SIPT of 1035#, and an SIPC of 1032#.

The drilling block which is dedicated to the Rincon Unit #84 Well is described as the E/2 of Section 26, Township 27 North, Range 7 West, N.M.P.M.

Since this determination needs no official approval, no provision is made therefor, and in the absence of disapproval, this well will continue to be considered non-commercial.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By T. W. Bittick

T. W. Bittick  
Assistant Manager  
Land Department

TWB:SM:ch  
Attachment

Rincon Unit  
Working Interest Owners

Copies of the foregoing letter are being sent to the following listed Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil & Refining Co., Inc.  
321 West Douglas St.  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
1900 Mercantile Dallas Building  
Dallas, Texas

MAIN OFFICE OCC

1958 OCT 2 AM 8:19

In Reply Refer to:  
Unit Division

October 1, 1958

*File  
Case  
299*

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El Paso Natural Gas Company  
El Paso, Texas

Re: Rincon Unit Area  
Supplemental Drilling  
Program 1958

ATTENTION: Mr. T. W. Bittick

Gentlemen:

We are enclosing one copy of the 1958 Supplemental Drilling Program for the Rincon Unit Area, which calls for the completion of a well which was spudded May 17, 1958 and drilled short of the mesaverde formation and temporarily abandoned; said completion to be a dual Mesa-verde Dakota well.

This Plan was approved by the Commissioner of Public Lands October 1, 1958, subject to like approval by the Director of the United States Geological Survey and the Oil Conservation Commission.

Very truly yours,

MURRAY E. MORGAN,  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MMR/m

cc:

OCC- Santa Fe  
USGS- Roswell

**OIL CONSERVATION COMMISSION**

P. O. BOX 871

SANTA FE, NEW MEXICO

*File  
copy  
297*

September 29, 1958

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Y

El Paso Natural Gas Company  
El Paso, Texas

ATTENTION: Mr. T. W. Bittick

Re: Supplemental 1958  
Drilling Program Rincon  
Unit Rio Arriba County,  
New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Supplemental 1958 Drilling Program calling for a Mesaverde-Dakota dual completion for the Rincon 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

ig/

cc: Land Office, Santa Fe  
USG Survey, Roswell

El Paso Natural Gas Company

El Paso, Texas

September 4, 1958

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
SUPPLEMENTAL DRILLING PROGRAM 1958

Gentlemen:

El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program on January 21, 1958 for the calendar year 1958. The 1958 Drilling Program consisting of sixteen wells to be drilled to the Pictured Cliffs Formation, three dual completion wells to be drilled to the Pictured Cliffs and Mesaverde Formations, and five wells to be drilled to the Mesaverde Formation has been approved by the United States Geological Survey, Commissioner of Public Lands of the State of New Mexico, and the Oil Conservation Commission of the State of New Mexico.

El Paso Natural Gas Company, as Unit Operator, submits for your consideration and approval a modification of the Drilling Program for the calendar year 1958. The modification consists of drilling a well originally scheduled to be a dual Pictured Cliffs-Mesaverde completion to the Dakota Formation and completing it as a dual Mesaverde-Dakota well. This well is located as follows:

Township 27 North, Range 6 West, N.M.P.M.  
Section 19: N/2

This well will be drilled in accordance with the operating regulations as set forth by the United States Geological Survey, and due care will be taken to protect the unit from drainage and to comply with any requirements by the United States Geological Survey for additional drilling.

The well originally scheduled on this location was spudded on May 17, 1958, and drilled to a depth just short of the Mesaverde Formation. In June, 1958 the well was temporarily abandoned. Since we have this well on a stand-by basis, we respectfully request that you expedite the approval of this Supplemental Drilling Program.

If this Supplemental 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, as Unit Operator.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick  
Assistant Manager  
Land Department

TWB:SM:jb  
Attachments

APPROVED: \_\_\_\_\_  
Director, 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: 9-29-58

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

The foregoing approvals are for the 1958 Supplemental Drilling Program consisting of one dual Mesaverde-Dakota well to be drilled in the Rincon Unit Area.

Rincon Unit  
Working Interest Owners

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
1303 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Building  
Dallas 1, Texas

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

File  
copy  
219

September 19, 1938

El Paso Natural Gas Company  
El Paso, Texas

ATTENTION: Mr. Harry Geverts

RE: Tenth Expanded Participating  
Area Mesaverde Formation  
Rincon Unit Rio Arriba County,  
New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Tenth Expanded Participating Area Mesaverde Formation for the Rincon Unit Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Five approved copies of the application are returned herewith.

Very truly yours,

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

ig/

cc: USGS-Roswell  
Land Office-Santa Fe

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**CIL CONSERVATION COMMISSION**

P. O. BOX 871

SANTA FE, NEW MEXICO

*File  
299*

September 19, 1958

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El Paso Natural Gas Company  
El Paso, Texas

ATTENTION: Mr. Harry Gevertz

Re: Ninth Expanded Participating  
Area, Mesaverde Formation  
Rincon Unit Rio Arriba County,  
New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Ninth Expanded Participating Area, Mesaverde Formation for the Rincon Unit Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Five approved copies of the application are returned herewith.

Very truly yours,

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

lg

cc: USGS-Roswell  
Land Office-Santa Fe

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

File  
299

September 19, 1958

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El Paso Natural Gas Company  
El Paso, Texas

ATTENTION: Mr. Harry Gevertz

Re: Revised Seventh  
Expanded Participating  
Area, for the Mesaverde  
Formation Rincon Unit  
Rio Arriba County, New  
Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Revised Seventh Expanded Participating Area, for the Mesaverde Formation for the Rincon Unit Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Five approved copies of the application are returned herewith.

Very truly yours,

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

ig/

cc: USGS-Roswell  
Land Office-Santa Fe

MAIN OFFICE OCC  
1958 SEP 13 AM 8:26

In reply refer to:  
Unit Division

September 17, 1958

274  
File

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El Paso Natural Gas Company  
El Paso, Texas

Re: Rincon Unit,  
REVISION OF THE SEVENTH, REVISED  
SEVENTH AND EIGHTH EXPANDED  
PARTICIPATING AREAS  
Mesaverde Formation  
Rio Arriba County, New Mexico

ATTENTION: Mr. Harry Gevertz

Gentlemen:

The Commissioner of Public Lands has this date approved the Revision of the Seventh, Revised Seventh and Eighth Expanded Participating Areas, Mesaverde Formation, for the Rincon Unit Area, subject to like approval by the United States Geological Survey and by the Oil Conservation Commission.

Six approved copies are being handed to Mr. Harry Gevertz.

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, New Mexico

MAIN OFFICE OCC

1958 SEP 18 AM 8:26

In reply refer to:  
Unit Division

September 17, 1958

F. L.  
~~99~~ 99

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El Paso Natural Gas Company  
El Paso, Texas

Re: Rincon Unit Area,  
TENTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Rio Arriba County, New Mexico

ATTENTION: Mr. Harry Gevertz

Gentlemen:

The Commissioner of Public Lands has this date approved the Tenth Expanded Participating Area, Mesaverde Formation, for the Rincon Unit Area, subject to like approval by the United States Geological Survey and by the Oil Conservation Commission.

Six approved copies are being handed to Mr. Harry Gevertz.

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

MAIN OFFICE OCC

1958 SEP 18 AM 8:26

In reply refer to:  
Unit Division

*F, 1*  
*8 11*

September 17, 1958

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El Paso Natural Gas Company  
El Paso, Texas

Re: Rincon Unit Area,  
NINTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Rio Arriba County, New Mexico

ATTENTION: Mr. Harry Gevertz

Gentlemen:

The Commissioner of Public Lands has this date approved the Ninth Expanded Participating Area, Mesaverde Formation, for the Rincon Unit Area, subject to like approval by the United States Geological Survey and by the Oil Conservation Commission.

Six approved copies are being handed to Mr. Harry Gevertz.

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

MAIN OFFICE OCC

1958 SEP 18 AM 8:25

In reply refer to:  
Unit Division

September 17, 1958

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El Paso Natural Gas Company  
El Paso, Texas

Re: Rincon Unit Area,  
EIGHTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Rio Arriba County, New Mexico

ATTENTION: Mr. Harry Gevertz

Gentlemen:

The Commissioner of Public Lands has this date approved the Eighth Expanded Participating Area, Mesaverde Formation, for the Rincon Unit Area, subject to like approval by the United States Geological Survey and by the Oil Conservation Commission.

Six approved copies are being handed to Mr. Harry Gevertz.

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, New Mexico

# El Paso Natural Gas Company

El Paso, Texas

August 11, 1958

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
TENTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective June 1, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Tenth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 26 North, Range 7 West  
Section 11: All  
Section 2: S/2  
Containing 960.00 acres

The lands described above are proven to be productive by the following:

The Rincon Unit #102 Well, located 990' from the South line and 990' from the West line of Section 11, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 17, 1958, and completed on May 16, 1958 at a total depth of 5214' in the Mesaverde Formation. On May 12, 1958, the Point Lookout Section of the Mesaverde Formation from 4940' to 4954'; 4974' to 4996'; 5006' to 5024'; 5034' to 5052'; 5064' to 5092'; 5124' to 5134'; and 5146' to 5160' was treated with a sand-water fracturing process. After being shut-in for thirty-two (32) days, the well was tested in the Mesaverde Formation on June 17, 1958, and following a three (3) hour blow-down period gauged 2483 MCFGPD through a 3/4" choke and 3040 MCFGPD by the calculated absolute open flow method, with an SIPT of 1091#.

Attached is Schedule XI showing the Tenth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule", the Tenth Expanded Participating Area will be effective June 1, 1958. If this Tenth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Copies of this letter and schedule 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

T. W. Bittick  
Assistant Manager  
Land Department

TWB:SM:pc

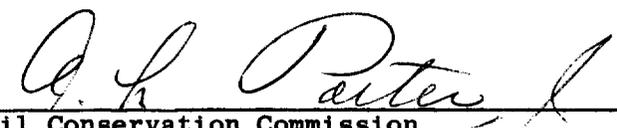
cc: Attached List

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: Sept. 17, 1958

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

DATE: Sept. 19, 1958

The foregoing approvals are for the Tenth Expanded Participating Area for the Mesaverde Formation, effective June 1, 1958, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Building  
Dallas 1, Texas

*El Paso Natural Gas Company*  
MAIN OFFICE OCC

1958 JUL 29 PM 1:26 *El Paso, Texas*

July 24, 1958

*[Handwritten signature]*

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates indicated below that eight (8) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #103 Well, located 1840' from the South line and 800' from the East line of Section 16, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 20, 1958, and completed on May 18, 1958, at a total depth of 3246' in the Pictured Cliffs Formation. On May 16, 1958 the Pictured Cliffs Formation from 3154' to 3168' and 3176' to 3200' was treated with a sand-water fracturing process. After being shut-in for thirty (30) days, the well was tested on June 17, 1958, and following a three (3) hour blow-down period gauged 2740 MCFGPD through a 3/4" choke and 2861 MCFGPD by the calculated absolute open flow method with an SIPC of 1099# and an SIPT of 1100#. The determination that this well is capable of producing unitized substances in paying quantities was made on June 17, 1958.
2. The Rincon Unit #104 Well, located 1650' from the North line and 840' from the West line of Section 16, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on February 23, 1958, and completed on May 15, 1958, at a total depth of 3422' in the Pictured Cliffs Formation. On May 13,

1958 the Pictured Cliffs Formation from 3314' to 3324', 3330' to 3338', 3344' to 3352', and 3358' to 3364' was treated with a sand-water fracturing process. After being shut-in for thirty-three (33) days, the well was tested on June 17, 1958, and following a three (3) hour blow-down period gauged 3167 MCFGPD through a 3/4" choke and 3355 MCFGPD by the calculated absolute open flow method with an SIPC of 1088# and an SIPT of 1086#. The determination that this well is capable of producing unitized substances in paying quantities was made on June 17, 1958.

3. The Rincon Unit #117 Well, located 1750' from the South line and 990' from the East line of Section 21, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on February 20, 1958, and completed on May 22, 1958, at a total depth of 3218' in the Pictured Cliffs Formation. On May 19, 1958 the Pictured Cliffs Formation from 3130' to 3150' and 3164' to 3174' was treated with a sand-water fracturing process. After being shut-in for twenty-six (26) days, the well was tested on June 17, 1958, and following a three (3) hour blow-down period gauged 2993 MCFGPD through a 3/4" choke and 3167 MCFGPD by the calculated absolute open flow method with an SIPC of 1064# and an SIPT of 1064#. The determination that this well is capable of producing unitized substances in paying quantities was made on June 17, 1958.
4. The Rincon Unit #118 Well, located 790' from the North line and 790' from the East line of Section 22, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 16, 1958, and completed on June 5, 1958, at a total depth of 3284' in the Pictured Cliffs Formation. On June 3, 1958 the Pictured Cliffs Formation from 3199' to 3211' and 3222' to 3239' was treated with a sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested on June 17, 1958, and following a three (3) hour blow-down period gauged 1792 MCFGPD through a 3/4" choke and 1831 MCFGPD by the calculated absolute open flow method with an SIPC of 1042# and an SIPT of 1043#. The determination that this well is capable of producing unitized substances in paying quantities was made on June 17, 1958.
5. The Rincon Unit #119 Well, located 1100' from the South line and 990' from the East line of Section 22, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on February 28, 1958, and completed on May 28, 1958, at a total depth of 3234' in the Pictured Cliffs Formation. On May 26, 1958 the Pictured Cliffs Formation from 3138' to 3148', 3152' to 3162', and 3166' to 3172' was treated with a sand-water fracturing process. After being shut-in for twenty (20) days, the well was tested on June 17, 1958, and following a three (3) hour blow-down period gauged 4633 MCFGPD through a 3/4" choke and 5286 MCFGPD by the calculated absolute open flow method with an SIPC of 1079# and an SIPT of 1081#. The determination that this well is capable of producing unitized substances in paying quantities was made on June 17, 1958.

6. The Rincon Unit #120 Well, located 1500' from the North line and 840' from the West line of Section 22, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on February 23, 1958, and completed on May 25, 1958, at a total depth of 3223' in the Pictured Cliffs Formation. On May 23, 1958 the Pictured Cliffs Formation from 3138' to 3148' and 3156' to 3170' was treated with a sand-water fracturing process. After being shut-in for twenty-three (23) days, the well was tested on June 17, 1958, and following a three (3) hour blow-down period gauged 5396 MCFGPD through a 3/4" choke and 6428 MCFGPD by the calculated absolute open flow method with an SIPC of 1084# and an SIPT of 1086#. The determination that this well is capable of producing unitized substances in paying quantities was made on June 17, 1958.
  
7. The Rincon Unit #121 Well, located 990' from the South line and 1650' from the East line of Section 23, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 29, 1958, and completed on June 13, 1958, at a total depth of 3423' in the Pictured Cliffs Formation. On June 11, 1958 the Pictured Cliffs Formation from 3329' to 3345', 3353' to 3373', and 3379' to 3385' was treated with a sand-water fracturing process. After being shut-in for fourteen (14) days, the well was tested on June 27, 1958, and following a three (3) hour blow-down period gauged 1860 MCFGPD through a 3/4" choke and 1901 MCFGPD by the calculated absolute open flow method with an SIPC of 1072# and an SIPT of 1073#. The determination that this well is capable of producing unitized substances in paying quantities was made on June 27, 1958.
  
8. The Rincon Unit #122 Well, located 1750' from the South line and 990' from the East line of Section 26, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on April 2, 1958, and completed on June 18, 1958, at a total depth of 3361' in the Pictured Cliffs Formation. On June 15, 1958 the Pictured Cliffs Formation from 3258' to 3278' and 3386' to 3412' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested on June 27, 1958, and following a three (3) hour blow-down period gauged 2665 MCFGPD through a 3/4" choke and 2795 MCFGPD by the calculated absolute open flow method with an SIPC of 1025# and an SIPT of 1026#. The determination that this well is capable of producing unitized substances in paying quantities was made on June 27, 1958.

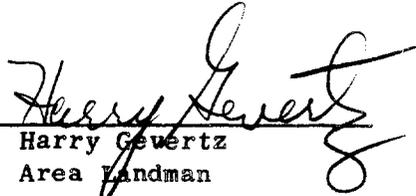
The acreage upon which the Rincon Unit #103, #104, #117, #118, #119, #120, #121, and #122 Wells are located was included in previous expansions for the Pictured

Cliffs Formation. Therefore, the Participating Area is not enlarged, and the percentages allocated to the various tracts remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

  
Harry Gewertz  
Area Landman  
Land Department

HG:SM:jb

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Building  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas  
June 20, 1958

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates indicated below that eight (8) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #105 Well, located 1650' from the South line and 990' from the East line of Section 17, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 10, 1958, and completed on May 12, 1958, at a total depth of 3319' in the Pictured Cliffs Formation. On May 10, 1958 the Pictured Cliffs Formation from 3222' to 3244' was treated with a sand-water fracturing process. After being shut-in for eight (8) days, the well was tested on May 20, 1958, and following a three (3) hour blow-down period gauged 2498 MCFGPD through a 3/4" choke and 2602 MCFGPD by the calculated absolute open flow method with an SIPC of 1054# and an SIPT of 1054#. The determination that this well is capable of producing unitized substances in paying quantities was made on May 20, 1958.
2. The Rincon Unit #106 Well, located 800' from the South line and 1683' from the East line of Section 18, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on April 6, 1958 and completed on May 5, 1958 at a total depth of 3295' in the Pictured Cliffs Formation. On May 4, 1958 the Pictured Cliffs Formation from 3184' to 3198' and 3204' to 3220' was treated with a sand-water fracturing process.

After being shut-in for fifteen (15) days, the well was tested on May 20, 1958, and following a three (3) hour blow-down period gauged 1772 MCFGPD through a 3/4" choke and 1798 MCFGPD by the calculated absolute open flow method with an SIPC of 1080# and an SIPT of 1082#. The determination that this well is capable of producing unitized substances in paying quantities was made on May 20, 1958.

3. The Rincon Unit #109 Well, located 1050' from the North line and 840' from the West line of Section 19, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on February 3, 1958 and completed on February 23, 1958 at a total depth of 3252' in the Pictured Cliffs Formation. On February 21, 1958 the Pictured Cliffs Formation from 3112' to 3128' was treated with a sand-water fracturing process. After being shut-in for thirty-two (32) days, the well was tested on March 28, 1958, and following a three (3) hour blow-down period gauged 2405 MCFGPD through a 3/4" choke and 2627 MCFGPD by the calculated absolute open flow method, with an SIPC of 1049# and an SIPT of 1049#. The determination that this well is capable of producing unitized substances in paying quantities was made on March 28, 1958.
4. The Rincon Unit #110 Well, located 990' from the South line and 1700' from the East line of Section 19, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on February 15, 1958 and completed on February 27, 1958 at a total depth of 3200' in the Pictured Cliffs Formation. On February 25, 1958 the Pictured Cliffs Formation from 3076' to 3092' and 3116' to 3130' was treated with a sand-water fracturing process. After being shut-in for thirty-six (36) days, the well was tested on March 28, 1958, and following a three (3) hour blow-down period gauged 2516 MCFGPD through a 3/4" choke and 2760 MCFGPD by the calculated absolute open flow method with an SIPC of 1065# and an SIPT of 1065#. The determination that this well is capable of producing unitized substances in paying quantities was made on March 28, 1958.
5. The Rincon Unit #111 Well, located 1748' from the North line and 1190' from the West line of Section 20, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on April 15, 1958 and completed on May 9, 1958 at a total depth of 3165' in the Pictured Cliffs Formation. On May 6, 1958 the Pictured Cliffs Formation from 3046' to 3072' was treated with a sand-water fracturing process. After being shut-in for eleven (11) days, the well was tested on May 20, 1958, and following a three (3) hour blow-down period gauged 1700 MCFGPD through a 3/4" choke and 1729 MCFGPD by the calculated absolute open flow method with an SIPC of 1039# and an SIPT of 1040#. The determination that this well is capable of producing unitized substances in paying quantities was made on May 20, 1958.
6. The Rincon Unit #112 Well, located 1090' from the South line and 1450' from the East line of Section 20, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on February 4, 1958 and completed on May 2, 1958 at a total depth of 3286' in the Pictured Cliffs Formation. On May 1, 1958 the Pictured Cliffs Formation from 3170' to 3186', 3192' - 3202', and 3208' to 3214' was

treated with a sand-water fracturing process. After being shut-in for eighteen (18) days, the well was tested on May 21, 1958, and following a three (3) hour blow-down period gauged 1567 MCFGPD through a 3/4" choke and 1589 MCFGPD by the calculated absolute open flow method with an SIPC of 1073# and an SIPT of 1072#. The determination that this well is capable of producing unitized substances in paying quantities was made on May 21, 1958.

7. The Rincon Unit #114 Well, located 1790' from the South line and 1800' from the West line of Section 20, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on January 31, 1958 and completed on February 20, 1958 at a total depth of 3222' in the Pictured Cliffs Formation. On February 19, 1958 the Pictured Cliffs Formation from 3090' to 3122' was treated with a sand-water fracturing process. After being shut-in for forty-five (45) days, the well was tested on April 7, 1958 and following a three (3) hour blow-down period gauged 1404 MCFGPD through a 3/4" choke and 1418 MCFGPD by the calculated absolute open flow method, with an SIPC of 1100# and an SIPT of 1100#. The determination that this well is capable of producing unitized substances in paying quantities was made on April 7, 1958.
  
8. The Rincon Unit #116 Well, located 890' from the North line and 990' from the West line of Section 21, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on January 20, 1958 and completed on February 13, 1958 at a total depth of 3362' in the Pictured Cliffs Formation. On February 11, 1958 the Pictured Cliffs Formation from 3266' to 3286' and 3300' to 3314' was treated with a sand-water fracturing process. After being shut-in for eleven (11) days, the well was tested on February 25, 1958 and following a three (3) hour blow-down period gauged 2024 MCFGPD through a 3/4" choke and 2070 MCFGPD by the calculated absolute open flow method with an SIPC of 1071# and an SIPT of 1071#. The determination that this well is capable of producing unitized substances in paying quantities was made on February 25, 1958.

The acreage upon which the Rincon Unit #105, #106, #109, #110, #111, #112, #114, and #116 Wells are located was included in previous expansions for the Pictured Cliffs Formation. Therefore, the Participating Area is not enlarged, and the percentages allocated to the various tracts remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Harry Gevertz  
Area Landman  
Land Department

HG:JM:pc

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas  
June 16, 1958

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
NINTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective May 1, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Ninth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 26 North, Range 7 West  
Section 1: Lots 3,4, S/2 NW/4, SW/4 (W/2)  
Containing 320.60 acres

The lands described above are proven to be productive by the following:

The Rincon Unit #101 Well, located 1850' from the South line and 850' from the West line of Section 1, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 11, 1958, and completed on May 2, 1958, at a total depth of 5278' in the Mesaverde Formation. On April 29, 1958 the Point Lookout Section of the Mesaverde Formation from 5022' to 5032', 5042' to 5056', 5066' to 5078', 5092' to 5110', 5114' to 5132' and 5140' to 5156' was treated with a sand-water fracturing process. After being shut in for sixteen (16) days, the well was tested on May 19, 1958 in the Mesaverde Formation, and following a three hour blow-down period gauged 1705 MCFGPD through a 3/4" choke and 1893 MCFGPD by the calculated absolute open flow method with an SIPC of 1086# and an SIPT of 792#.

Attached is Schedule X showing the Ninth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule", the Ninth Expanded Participating Area will be effective May 1, 1958.

If this Ninth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Copies of this letter and schedule 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  
T. W. Bittick  
Assistant Manager  
Land Department

TWB:JM:pc

cc: Attached List

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: Sept. 17, 1958

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

DATE: Sept. 19, 1958

The foregoing approvals are for the Ninth Expanded Participating Area for the Mesaverde Formation, effective May 1, 1958, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Shoreline Petroleum Corporation  
102 West Crockett Street  
San Antonio 5, Texas

Mr. J. Glenn Turner  
1900 Mercantile Dallas Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
c/o Turner, Atwood, White, McLane & Francis  
1900 Mercantile Dallas Building  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas

June 6, 1958

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

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

*File*  
*299*

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
APPROVAL OF THE SIXTH EXPANDED  
PARTICIPATING AREA  
Mesaverde Formation  
Effective April 1, 1957

Gentlemen:

The Sixth Expanded Participating Area, Mesaverde Formation, Rincon Unit Area, was approved effective as of April 1, 1957, as follows:

1. Acting Director, United States Geological Survey,  
May 29, 1958.
2. Commissioner of Public Lands of the State of New  
Mexico, March 3, 1958.
3. Oil Conservation Commission of the State of New  
Mexico, March 31, 1958.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

*Harry Gevertz*  
Harry Gevertz  
Area Landman  
Land Department

HG:MC:jb  
Attachment

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

File  
217

P. O. Box 6721  
Roswell, New Mexico

May 26, 1958

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

Gentlemen:

By letters of April 3, 1958, you determined that the following wells, which are located on Federal land in the Rincon unit agreement, 1-sec. No. 916, are not capable of producing unitized substances in paying quantities:

<u>Well</u>	<u>Location</u>	<u>Formation</u>	<u>Depth</u>	<u>MCFFD</u>
1 Rincon Unit	SW $\frac{1}{4}$ sec. 30, T. 27 N. R. 6 W.	Dakota	7482-7605	800
57 Rincon Unit	NE $\frac{1}{4}$ sec. 1, T. 26 N., R. 7 W.	Dakota	7306-7365	2242

We concur in the foregoing determinations. Production from such wells shall be allocated to the land on which the wells are located.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

Copy to: Washington  
Farmington  
BLM, Santa Fe  
BNDGC, Santa Fe  
Comm. Public Lands, Santa Fe

JAKnauf:rm

# El Paso Natural Gas Company

El Paso, Texas

May 7, 1958

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

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

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

Re: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
REVISION OF THE SEVENTH, REVISED  
SEVENTH AND EIGHTH EXPANDED  
PARTICIPATING AREAS  
Mesaverde Formation

Gentlemen:

By notices dated December 12, 1957, February 26, 1958, and April 15, 1958, the Seventh, Revised Seventh and Eighth Expanded Participating Areas of the Mesaverde Formation for the Rincon Unit were submitted for approval.

On April 24, 1958 Mr. John Anderson, Regional Oil and Gas Supervisor of the United States Geological Survey, requested that El Paso Natural Gas Company, as Unit Operator, re-define the Seventh Expanded Participating Area, Mesaverde Formation, to include an additional 160.00 acres described as follows:

Township 27 North, Range 6 West, N.M.P.M.  
Section 26: SW/4  
Containing 160.00 acres

Since the inclusion of this land in the Seventh Expanded Participating Area will cause an adjustment of the percentages of unitized substances allocated to the various tracts, we have revised and enclosed for approval the following:

1. Notice dated December 12, 1957 with Schedule VIII for the Seventh Expanded Participating Area.
2. Notice dated February 26, 1958 with Schedule VIII-A for the Revised Seventh Expanded Participating Area.

3. Notice dated April 15, 1958 with Schedule IX for the Eighth Expanded Participating Area.

Please substitute the above listed enclosures for the previous notices bearing the same dates.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick  
Assistant Manager  
Land Department

TWB:MC:jb  
Enclosures

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas

December 12, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
SEVENTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective September 1, 1957

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Seventh Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 6 West  
Section 26: SW/4  
Section 27: N/2  
Township 27 North, Range 7 West  
Section 15: E/2  
Containing 800.00 acres

The lands described above are proven to be productive by the following:

1. The Rincon Unit #85 Well, a dual completion well located 1650' from the North line and 890' from the East line of Section 15, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on May 19, 1957, and completed on June 21, 1957, at a total depth of 5760' in the Mesaverde Formation and at 3562' in the Pictured Cliffs Formation. On June 1, 1957 the Cliff House section of the Mesaverde Formation from 5024' to 5054' was treated with a sand-water fracturing process. The Point Lookout section of the Mesaverde Formation from 5492' to 5522', 5556' to 5570', 5594' to 5610' and 5646' to 5660' was also treated

with a sand-water fracturing process. After being shut-in for forty-nine (49) days, the well was tested on September 4, 1957 in the Mesaverde Formation, and following a three hour blow-down period gauged 3427 MCFGPD through a 3/4" choke and 4399 MCFGPD by the calculated absolute open flow method with an SIPT of 1083#.

2. The Rincon Unit #99 Well, located 1025' from the North line and 1025' from the East line of Section 27, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on July 7, 1957, and completed on August 19, 1957 at a total depth of 5528' in the Mesaverde Formation and at 3361' in the Pictured Cliffs Formation. On August 14, 1957, the Cliff House Section of the Mesaverde Formation from 4824' to 4844', 4860' to 4880', 4900' to 4914' and 4956' to 4972' was treated with a sand-water fracturing process. The Point Lookout Section of the Mesaverde Formation from 5284' to 5300', 5362' to 5372', 5394' to 5414', 5424' to 5436', 5448' to 5456' and 5484' to 5494' was also treated with a sand-water fracturing process. After being shut-in for twenty-three (23) days, the well was tested in the Mesaverde Formation on September 12, 1957, and following a three (3) hour blow-down period gauged 4432 MCFGPD through a 3/4" choke and 7193 MCFGPD by the calculated absolute open flow method, with an SIPT of 1052#.

Attached is Schedule VIII showing the Seventh Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule", the Seventh Expanded Participating Area will be effective September 1, 1957. If this Seventh Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Notices of completion for the Rincon #85 and #99 Wells in the Pictured Cliffs Formation have been submitted under separate cover.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

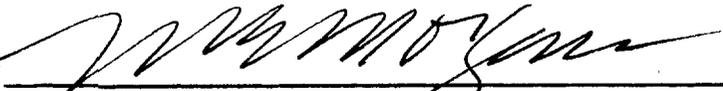
By 

T. W. Bittick  
Assistant Manager  
Land Department

TWB:MC:pc  
cc: Attached List

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: Sept. 17, 1958

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

DATE: Sept. 19, 1958

The foregoing approvals are for the Seventh Expanded Participating Area for the Mesaverde Formation, effective September 1, 1957, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 28, 1958

297

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

Attention: Mr. T. W. Bittick

Re: Rincon Unit Area  
Rio Arriba County, New Mexico  
Eighth Expanded Participating Area  
Mesaverde Formation

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Eighth Expanded Participating Area, Mesaverde Formation, dated April 15, 1958, for the Rincon Unit Area Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

Six approved copies of the Application were handed to Mr. M. W. Coll.

Very truly yours,

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

ALP/RLS/ga

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

C

O

P

Y

# El Paso Natural Gas Company

El Paso, Texas

April 15, 1958

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
EIGHTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective February 1, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Eighth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 7 West  
Section 24: Lots 1,2,3,4,5,6,7,8 (N/2)  
Section 34: E/2  
Containing 672.07 acres

The lands described above are proven to be productive by the following:

1. The Rincon Unit #124 Well, located 1800' from the North line and 815' from the East line of Section 34, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 23, 1958, and completed on February 15, 1958, at a total depth of 5508' in the Mesaverde Formation. On February 11, 1958 the Point Lookout Section of the Mesaverde Formation from 5290' to 5300', 5306' to 5310', 5344' to 5352', 5368' to 5376', 5384' to 5394', 5420' to 5428', and 5436' to 5446' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested on February 25, 1958 in the Mesaverde Formation, and following a

three hour blow-down period gauged 2413 MCFGPD through a 3/4" choke and 3004 MCFGPD by the calculated absolute open flow method with an SIPC of 1045# and an SIPT of 1045#.

2. The Ripley #3 Well, located 1090' from the North line and 890' from the East line of Section 24, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 29, 1957 and completed on May 18, 1957 in the Mesaverde Formation. On May 14, 1957 the Cliff House Section of the Mesaverde Formation was treated with a sand-water fracturing process from 4866' to 4906'. The Point Lookout Section of the Mesaverde Formation from 5384' to 5404', 5416' to 5428', 5438' to 5454', 5480' to 5490' and 5500' to 5518' was also treated with a sand-water fracturing process. After being shut-in for ten (10) days, the well was tested on May 28, 1957, and following a three hour blow-down period gauged 2339 MCFGPD through a 3/4" choke and 2751 MCFGPD by the calculated absolute open flow method with an SIPC of 1121# and an SIPT of 1104#.

Attached is Schedule IX showing the Eighth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule", the Eighth Expanded Participating Area will be effective February 1, 1958.

The acreage upon which the Ripley #3 Well is located lies within the unit area but is not committed to the Rincon Unit. The Participating Area is enlarged in the Mesaverde Formation effective February 1, 1958 to include the drilling block dedicated to this well, which is described as Lots 1,2,3,4,5,6,7,8 (N/2). The production from the Ripley #3 Well will be handled on a well basis and will have no effect on the percentages allocated to the tracts which are committed to the unit.

If this Eighth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

T. W. Bittick  
Assistant Manager  
Land Department

TWB:MC:jb  
cc: Attached List

APPROVED: \_\_\_\_\_  
Director, 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: 4-28-58

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

The foregoing approvals are for the Eighth Expanded Participating Area for the Mesaverde Formation, effective February 1, 1958, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

In reply refer to:  
Unit Division

April 3, 1958

*Case  
299*

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

Re: Rincon Unit Area  
Seventh Expanded Participating  
Area, Mesaverde Formation

Attention: Mr. Harry Gevertz

Gentlemen:

The New Mexico Oil Conservation Commission have today handed to us seven copies of the above designated Participating Area for the Rincon Unit, which bear date December 12, 1957. This is approved by the Commissioner of Public Lands as of April 3, 1958 and we are enclosing five copies for your use.

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

# TEXAS NATIONAL PETROLEUM CO.

902 SOUTH COAST BUILDING



HOUSTON 2, TEXAS

April 3, 1958

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

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

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

Re: Rincon Unit Area I SEC.No.916  
Rio Arriba County, New Mexico  
Non-Commercial Well  
Dakota Formation  
Determined April 1, 1958

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I SEC. No. 916, approved February 27, 1952, Texas National Petroleum Co. as unit operator below the base of the Mesaverde Formation determined on April 1, 1958, that the following-described well was not capable of producing unitized substances in paying quantities from the Dakota Formation.

This well is as follows:

The Rincon Unit No. 1 well located 990 feet North of the South line and 990 feet West of the East line of Section 30, Township 27 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on July 24, 1951, and completed on January 28, 1953, at a total depth of 7605 feet. The upper Dakota Formation between 7482 feet and 7605 feet was treated with 360 quarts of nitroglycerin, and the well was tested for an open flow potential of 800 MCF per day with SIPC of 1803# and an SIPT of 1428#. The committed drilling block upon which

Director -2-  
United States Geological  
Survey, et al

April 3, 1958

this well is located is described as the Southeast  
Quarter of the Southeast Quarter of Section Thirty,  
Township 27 North, Range 6 West, and consists of  
40 acres.

Since this determination needs no official approval,  
no provision is made therefor, and in the absence of  
disapproval this well will continue to be considered  
non-commercial.

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

Yours very truly,

TEXAS NATIONAL PETROLEUM CO.



Robert L. Gorden  
Manager Land Department

RLG/es  
Enclosure

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Newenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

El Paso Natural Gas Company  
P.O.Box 1492  
El Paso, Texas  
Attention: Mr. T. W. Bittick

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Copy  
~~CONFIDENTIAL~~  
299

March 31, 1958

C  
O  
P  
Y

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

Attention: Mr. Harry Gevertz

Re: Rincon Unit Area, Rio Arriba County,  
New Mexico. Seventh Expanded  
Participating Area. Mesaverde  
Formation.

Gentlemen:

We are today handing to the Commissioner of Public Lands of the State of New Mexico, seven copies of the application for approval of the Seventh Expanded Participating Area, Mesaverde Formation, for the Rincon Unit Area. This is approved by the New Mexico Oil Conservation Commission as of this date.

Very truly yours,

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

ALP/RLS/ga

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

*Case No.  
209*

March 31, 1958

C  
O  
P  
Y

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

Attention: Mr. Harry Gevertz

Re: Rincon Unit Area, Rio Arriba  
County, New Mexico. Sixth Expanded  
Participating Area, Mesaverde Formation.

Gentlemen:

We are today handing to the Commissioner of Public Lands of the State of New Mexico, seven copies of the application for approval of the Sixth Expanded Participating Area, Mesaverde Formation, for the Rincon Unit Area. This is approved by the New Mexico Oil Conservation Commission as of this date.

Very truly yours,

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

ALP/RLS/ga



# El Paso Natural Gas Company

El Paso, Texas

December 3, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
**SIXTH EXPANDED PARTICIPATING AREA**  
Mesaverde Formation  
Effective April 1, 1957

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company as Unit Operator submits for your approval the Sixth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 6 West  
Section 26: N/2, SE/4  
Containing 480.00 acres

The lands described above are proven to be productive by the following:

The Rincon Unit #100 Well, a dual completion well located 990' from the North line and 990' from the East line of Section 26, Township 27 North, Range 6 West, Rio Arriba County, New Mexico was spudded on March 8, 1957, and completed on March 25, 1957, at a total depth of 5760' in the Mesaverde Formation and at 3527' in the Pictured Cliffs Formation. The Cliff House section of the Mesaverde Formation between 5000' and 5018', 5038' and 5060', 5067' and 5083', 5090' and 5102', 5111' and 5127' was treated with a sand-water fracturing process. The Point Lookout section of the Mesaverde Formation between 5435' and 5450', 5520' and 5540', 5590' and 5610', 5640' and 5660' was also treated with a sand-water fracturing process. After being shut-in for eight (8) days, the well was tested on April 12, 1957 in the Mesaverde Formation, and following a three hour blow-down period gauged

4839 MCFGPD through a 3/4" choke and 9047 MCFGPD by the calculated absolute open flow method with an SIPT of 1062#.

Attached is Schedule VII showing the Sixth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule", this Sixth Expanded Mesaverde Participating Area will be effective April 1, 1957. If this Sixth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Notice of completion for the Rincon #100 Well in the Pictured Cliffs Formation has been submitted under separate cover.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By T. W. Bittick  
T. W. Bittick  
Assistant Manager  
Land Department

TWB:MC:pc

cc: Attached List

APPROVED: \_\_\_\_\_  
Director, 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: March 31, 1958

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

The foregoing approvals are for the Sixth Expanded Participating Area for the Mesaverde Formation, effective April 1, 1957, under the Rincon Unit Area, 1 Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

March 28, 1958

El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

Attention: Mr. Sam Smith

Re: Rincon Unit Area  
Rio Arriba County, New Mexico  
1958 Drilling Program

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1958 Drilling Program for the Rincon Unit Area, dated January 21, 1958, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the program is returned herewith.

Very truly yours,

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

ALP/RLS/ir

Enclosure

C  
O  
P  
Y

El Paso Natural Gas Company

El Paso, Texas

January 21, 1958

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

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

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

Re: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
1958 DRILLING PROGRAM

Gentlemen:

By letter dated December 31 1956, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1957, consisting of six (6) dual Mesaverde and Pictured Cliffs wells and ten (10) Pictured Cliffs wells. All of these wells were completed during 1957 upon lands committed to this Unit.

As of this date, the total number of wells completed in the Rincon Unit is as follows:

*Mesaverde	15
Pictured Cliffs	68
Dual, Mesaverde-Pictured Cliffs	6

\*This total reflects a well drilled to the Dakota and plugged back to the Mesaverde by Texas National Petroleum Co., et al, and further reflects one (1) well determined to be non-commercial.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1958 consisting of sixteen (16) wells to be drilled to the Pictured Cliffs Formation, three (3) dual-completion wells to be drilled to the Pictured Cliffs and Mesaverde Formations, and five (5) wells to be drilled to the Mesaverde Formation. This Drilling Program is to constitute all of our drilling obligations for this year. These proposed drilling sites are as follows:

Dual, Mesaverde and Pictured Cliffs Formations

S W/4 Section 19:	27-6	OK 105
E/2 Section 19:	27-6	OK
W/2 Section 21:	27-6	

Mesaverde Formation

W/2 Section 1: 26-7  
W/2 Section 11: 26-7  
E/2 Section 20: 27-6  
E/2 Section 34: 27-7  
W/2 Section 13: 27-7

Pictured Cliffs Formation

SE/4 Section 16: 27-6  
NW/4 Section 16: 27-6  
SE/4 Section 17: 27-6  
SE/4 Section 18: 27-6  
NW/4 Section 19: 27-6  
SE/4 Section 19: 27-6  
NW/4 Section 20: 27-6  
SE/4 Section 20: 27-6  
SW/4 Section 20: 27-6  
NW/4 Section 21: 27-6  
SE/4 Section 21: 27-6  
NE/4 Section 22: 27-6  
SW/4 Section 22: 27-6  
NW/4 Section 22: 27-6  
SE/4 Section 23: 27-6  
SE/4 Section 26: 27-6

These wells will be drilled in accordance with the operating regulations as set forth by the United States Geological Survey, and due care will be taken to protect the Unit from drainage and to comply with any requirements by the United States Geological Survey for additional drilling.

El Paso Natural Gas Company intends to drill all of the above listed Pictured Cliffs wells to the base of the Pictured Cliffs Formation using rotary and cable tools. Surface casing will be set to approximately 100' from the surface, and then a production string of 5 1/2" casing will be set through the Pictured Cliffs Formation. Mud will be used in drilling through the Pictured Cliffs Formation and cable tools will be used for completion work. The entire Pictured Cliffs Formation will be subjected to a hydraulic fracturing process. Due care will be taken to protect all horizons.

El Paso Natural Gas Company intends to drill all of the above listed Mesaverde-Pictured Cliffs dual wells to the base of the Mesaverde Formation using rotary tools. Surface casing of 10 3/4" will be set to approximately 150' below the surface and an intermediate string of 7 5/8" casing will be set through the Pictured Cliffs Formation to a depth of approximately 3200'. A 5 1/2" production liner will be set from this point through the Mesaverde Formation. The Mesaverde Formation will then be selectively perforated and subjected to a hydraulic fracturing process, after which a bridging plug will be set above the Mesaverde Formation and the Pictured Cliffs Formation will be selectively perforated and subjected to a hydraulic fracturing process. For completion, a production packer will be set between the two formations using 2" tubing to produce the Mesaverde. A string of 1 1/4" tubing will be run, through which the Pictured Cliffs Formation will be produced. Mud will be used in setting the intermediate string of casing and the hole below the intermediate string will be drilled with gas. Due care will be taken to protect all horizons.

El Paso Natural Gas Company intends to drill all the Mesaverde wells to the base of the Mesaverde Formation using rotary tools. Surface casing of 10 3/4" will be set to approximately 150' below the Pictured Cliffs Formation to a depth of approximately

3200'. From this point a 5 1/2" production string will be set through the Mesaverde Formation, and the casing of the Mesaverde Formation will then be selectively perforated and the Mesaverde Formation will be subjected to a hydraulic fracturing process. Mud will be used in setting the intermediate string of casing, and the hole below the intermediate string will be drilled with gas. Due care will be taken to protect all horizons.

As Sub-Operator of the deep rights, Texas National Petroleum Company, formerly Johnston Oil and Gas Company, will file a drilling program of its own pertaining to the rights below the base of the Mesaverde Formation.

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

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

Sam Smith  
Manager  
Land Department

SS:MC:pc

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Supervisor, United States Geological Survey  
Subject to like approval by the appropriate  
State officials.

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

APPROVED:           *AJP/03/5*           DATE:           3-28-58            
Oil Conservation Commission  
Subject to like approval by the United States  
Geological Survey and the Commissioner of  
Public Lands

The foregoing approvals are for the 1958 Drilling Program for the Rincon Unit Area,  
I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

File Case  
299

In reply refer to:  
Unit Division

March 20, 1958

El Paso Natural Gas Company  
El Paso, Texas

Re: Rincon Unit Area  
SIXTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation

Gentlemen:

We are enclosing one copy of the Sixth Expanded Participating Area, Mesaverde Formation, for the Rincon Unit Area. This plan was approved by the Commissioner of Public Lands March 20, 1958.

At such time as you receive the approval of the Oil Conservation Commission and the United States Geological Survey, will you please notify us as to the date of their approval.

Very truly yours,

MURRAY E. MORGAN,  
Commissioner of Public Lands

BY:

Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MMR/s

cc:

USGS-Roswell  
OCC - Santa Fe

El Paso Natural Gas Company

File  
299

El Paso, Texas

March 17, 1958

United States Geological Survey  
Post Office Box 6731  
Roswell, New Mexico

Attention: Mr. James Knauf

Gentlemen:

Please refer to your letter of March 12, 1958 regarding the Sixth Expanded Participating Area of the Rineon Unit.

This expansion was submitted to the regulatory bodies of the State of New Mexico on December 11, 1957 for approval. To date we have not received approved copies of this expansion.

At such time as we receive the approval of the Oil Conservation Commission and the Commissioner of Public Lands of the State of New Mexico, we will forward this expansion for approval by the United States Geological Survey.

Very truly yours,

Original Signed By  
HARRY GEVERTZ

Harry Gevertz  
Area Landman  
Land Department

HQ:MC:jr

cc: Commissioner of Public Lands  
Oil Conservation Commission ✓

Rineon Unit 5.0

# *El Paso Natural Gas Company*

*El Paso, Texas*

February 27, 1958

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
REVISED EIGHTH EXPANDED PARTICIPATING AREA  
Pictured Cliffs Formation  
Based on Government Resurvey  
Effective October 1, 1957

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Revised Eighth Expanded Participating Area of the Pictured Cliffs Formation, Rincon Unit, Rio Arriba County, New Mexico, which is based on a government resurvey of certain lands within the Rincon Unit Area.

Attached is Schedule IX-A showing the Revised Eighth Expanded Participating Area for the Pictured Cliffs Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. The Revised Eighth Expanded Participating Area, based upon government resurvey, will be effective October 1, 1957 and will be the final expansion for the Participating Area for the Pictured Cliffs Formation.

Inasmuch as this schedule includes only lands previously admitted to the Pictured Cliffs Participating Area, official approval of this schedule is not necessary.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By T. W. Bittick

T. W. Bittick  
Assistant Manager  
Land Department

TWB:MC:jb  
cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

SCHEDULE IX-A  
 REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
 RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION			
SF 079052	T-27-N, R-6-W	520.00		Tract 1						
	Sec. 17: SW/4, W/2 SE/4, SE/4 SE/4		Royalty; Working Interest; El Paso Natural Gas Co.;		12.50%	82.50%	12.50%	2.54007%		
	Sec. 18: SE/4, E/2 SW/4		ORRI;		5.00%	5.00%	5.00%			
	TOTAL				100.00%	100.00%	100.00%			
	Tract 2									
	T-26-N, R-7-W	1920.80			Tract 3					
	Sec. 1: A11		Royalty;			12.50%	82.50%		12.50%	9.38263%
	Sec. 11: A11		Working Interest;			5.00%	5.00%		5.00%	
	Sec. 12: A11		El Paso Natural Gas Co.;			100.00%	100.00%		100.00%	
	TOTAL					100.00%	100.00%		100.00%	
Tract 4										
T-27-N, R-7-W	336.22		Tract 4							
Sec. 13: Lots 1,2,3,4, 5,6,7,8 (S/2)		Royalty;		12.50%		82.50%	12.50%	1.64235%		
		Working Interest;		5.00%		5.00%	5.00%			
		El Paso Natural Gas Co.;		100.00%		100.00%	100.00%			
TOTAL				100.00%	100.00%	100.00%				
Tract 4										
T-27-N, R-7-W	160.00			Tract 4						
Sec. 14: NW/4		Royalty;			12.5000%	74.0625%	12.5000%		.78156%	
		Working Interest;			13.4375%	2.5000%	2.5000%			
		El Paso Natural Gas Co.;			100.0000%	89.0625%	89.0625%			
TOTAL			100.0000%		100.0000%	100.0000%				

SCHEDULE IX-A  
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION					
SF 079298-D	T-27-N, R-7-W	768.76	Royalty;	Tract 6	12.50%	12.50%	3.75520%					
	Sec. 13: N/2		Working Interest:									
	Sec. 14: Lots 7,9,10 (NE/4 SW/4, S/2 SW/4)		El Paso Natural Gas Co.;									
	Sec. 24: Lots 9,10,11, 12,13,14,15,16 (S/2)		ORRI;									
	TOTAL		100.00%					100.00%				
	Tract 7											
	TOTAL		100.00%					100.00%				
	Tract 8											
	TOTAL		100.00%					100.00%				
	Tract 9											
TOTAL	100.00%	100.00%										
SF 079301-A	T-26-N, R-6-W	161.81	Royalty;	Tract 8	12.50%	12.50%	.78816%					
	Sec. 6: NW/4		Working Interest:									
			El Paso Natural Gas Co.;									
			ORRI;									
	TOTAL		100.00%					100.00%				
	Tract 9											
	TOTAL		100.00%					100.00%				
	Tract 9											
	TOTAL		100.00%					100.00%				
	Tract 9											
TOTAL	100.00%	100.00%										
SF 079302	T-26-N, R-6-W	160.48	Royalty;	Tract 9	12.50%	12.50%	.78391%					
	Sec. 6: NE/4		Working Interest:									
			El Paso Natural Gas Co.;									
			ORRI;									
	TOTAL		100.00%					100.00%				
	Tract 9											
	TOTAL		100.00%					100.00%				
	Tract 9											
	TOTAL		100.00%					100.00%				
	Tract 9											
TOTAL	100.00%	100.00%										

SCHEDULE IX-A  
 REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
 RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION			
SF 079302-B	T-26-N, R-6-W	160.00	Royalty;	Tract 10	12.50%	12.50%	<u>.78156%</u>		
	Sec. 6: SE/4		Working Interest:		82.50%				
			El Paso Natural Gas Co.;		5.00%				
			ORRI;		100.00%				
	TOTAL			100.00%					
SF 079321	T-27-N, R-7-W	656.48	Royalty;	Tract 11	12.50%	12.50%	<u>3.20674%</u>		
	Sec. 25: Lots 1,2,3,4,5,6,7,8 E/2 (A11)		Working Interest:		82.50%				
			El Paso Natural Gas Co.;		5.00%				
			ORRI;		100.00%				
			TOTAL					100.00%	
			TOTAL						100.00%
SF 079360	T-27-N, R-7-W	800.00	Royalty;	Tract 12	12.50%	12.50%	<u>3.90780%</u>		
	Sec. 15: E/2		Working Interest:		82.50%				
	Sec. 22: NE/4		El Paso Natural Gas Co.;		5.00%				
	Sec. 23: N/2		ORRI;		100.00%				
			TOTAL					100.00%	
			TOTAL						100.00%
SF 079364	T-27-N, R-6-W	1295.91	Royalty;	Tract 13	12.50%	12.50%	<u>6.33020%</u>		
	Sec. 28: S/2		Working Interest:		77.00%				
	Sec. 29: N/2		El Paso Natural Gas Co.;		10.50%				
	Sec. 30: Lots 3,4, E/2 SW/4, SE/4		ORRI;		100.00%				
	Sec. 31: Lots 4,13,14, 15,16, SE/4 SW/4, S/2 SE/4 (S/2)		TOTAL					100.00%	
			TOTAL						100.00%

Effective October 1, 1957

SCHEDULE IX-A  
 REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
 RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079364	T-27-N, R-6-W	1309.42		Tract 13			
	Sec. 28: N/2		Royalty;		12.50%	12.50%	<u>6.39619%</u>
	Sec. 29: S/2		Working Interest;				
	Sec. 30: Lots 1,2, E/2 NW/4, NE/4		El Paso Natural Gas Co.;		80.00%	80.00%	
Sec. 31: Lots 5,6,7,8, 9,10,11,12 (N/2)		ORRI;		<u>7.50%</u>	<u>7.50%</u>		
	TOTAL				<u>100.00%</u>	<u>100.00%</u>	
				Tract 14			
SF 079365-A	T-27-N, R-6-W	520.00		Tract 14			
	Sec. 22: NE/4, NE/4 SE/4		Royalty;		12.50%	12.50%	<u>2.54007%</u>
	Sec. 23: N/2		Working Interest;				
			El Paso Natural Gas Co.;		77.00%	77.00%	
		ORRI;		<u>10.50%</u>	<u>10.50%</u>		
	TOTAL				<u>100.00%</u>	<u>100.00%</u>	
				Tract 15			
SF 079366	T-27-N, R-6-W	799.40		Tract 15			
	Sec. 19: Lots 3,4, E/2 SW/4, SE/4		Royalty;		12.50%	12.50%	<u>3.90487%</u>
	Sec. 21: S/2		Working Interest;				
	Sec. 22: W/2 SW/4, SE/4 SE/4		El Paso Natural Gas Co.;		77.00%	77.00%	
Sec. 27: NE/4 SE/4		ORRI;		<u>10.50%</u>	<u>10.50%</u>		
	TOTAL				<u>100.00%</u>	<u>100.00%</u>	

SCHEDULE IX-A  
 REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
 RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION	
SF 079366	T-27-N, R-6-W	160.00						
	Sec. 22: W/2 NW/4, SW/4 SE/4, SE/4 SW/4		Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50% 80.00% 7.50% 100.00%	12.50% 80.00% 7.50% 100.00%	<u>.78156%</u>	
			TOTAL					
				Tract 15-A				
				Royalty;		12.50%	12.50%	
				Working Interest;		80.00%	80.00%	
				El Paso Natural Gas Co.;		7.50%	7.50%	
				ORRI;		100.00%	100.00%	
				TOTAL				
					Tract 15-A			<u>6.24916%</u>
SF 079366	T-27-N, R-6-W	1279.32						
	Sec. 19: Lots 1,2, E/2 NW/4, NE/4		Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50% 80.00% 7.50% 100.00%	12.50% 80.00% 7.50% 100.00%		
			TOTAL					
				Tract 15-A				
				Royalty;		12.50%	12.50%	
				Working Interest;		80.00%	80.00%	
				El Paso Natural Gas Co.;		7.50%	7.50%	
				ORRI;		100.00%	100.00%	
				TOTAL				
					Tract 15-A			<u>1.56312%</u>
SF 079366	T-27-N, R-6-W	320.00						
	Sec. 20: N/2		Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50% 77.00% 10.50% 100.00%	12.50% 77.00% 10.50% 100.00%		
			TOTAL					
				Tract 16				
				Royalty;		12.50%	12.50%	
				Working Interest;		77.00%	77.00%	
				El Paso Natural Gas Co.;		10.50%	10.50%	
				ORRI;		100.00%	100.00%	
				TOTAL				
					Tract 16			<u>2.14929%</u>
SF 079367-A	T-27-N, R-6-W	440.00						
	Sec. 26: N/2		Royalty;		12.50%	12.50%		
	Sec. 27: SE/4 SE/4, W/2 SE/4		Working Interest; El Paso Natural Gas Co.;		77.00% 10.50%	77.00% 10.50%		
			ORRI;		100.00%	100.00%		



SCHEDULE IX-A  
 REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
 RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
NM 012209	T-27-N, R-7-W	337.63	Royalty;	Tract 20	12.50%	12.50%	<u>1.64924%</u>
	Sec. 14: Lots 1,2,3,4,5,6,8,11,12 (E/2, NW/4 SW/4)		Working Interest: El Paso Natural Gas Co.;		81.50%	81.50%	
			ORRI;	6.00%	6.00%		
			TOTAL	100.00%	100.00%		
				Tract 21			
NM 013654	T-27-N, R-6-W	600.00	Royalty;	Tract 21	12.50%	12.50%	<u>2.93085%</u>
	Sec. 17: N/2, NE/4 SE/4		Working Interest: El Paso Natural Gas Co.;		81.50%	81.50%	
			ORRI;	6.00%	6.00%		
			TOTAL	100.00%	100.00%		
				Tract 22			
E-289-29	T-27-N, R-7-W	160.00	Royalty;	Tract 22	12.50%	12.50%	<u>.78156%</u>
	Sec. 36: SW/4		Working Interest: El Paso Natural Gas Co.;		82.50%	82.50%	
			ORRI;	5.00%	5.00%		
			TOTAL	100.00%	100.00%		
				Tract 23			
E-290-3	T-27-N, R-6-W	200.00	Royalty;	Tract 23	12.50%	12.50%	<u>.97695%</u>
	Sec. 32: E/2 NW/4, NE/4 SW/4		Working Interest: Southern Petroleum Exploration, Inc.;		87.50%	87.50%	
			ORRI;	.00%	.00%		
			TOTAL	100.00%	100.00%		
				Tract 23			

SCHEDULE IX-A  
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT PARTICIPATION	ACTUAL PARTICIPATION		
E-290-28	T-27-N, R-6-W	440.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	Tract 24	12.50%	12.50%	12.50%	2.14929%		
	Sec. 16: W/2,									
	W/2 SE/4,									
	SE/4 SE/4									
	TOTAL								100.00%	90.00%
	Tract 24									
	TOTAL								100.00%	90.00%
	Tract 24									
	TOTAL								100.00%	90.00%
	Tract 24									
E-290-28	T-27-N, R-6-W	200.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	Tract 25	12.50%	12.50%	12.50%	.97695%		
	Sec. 32: SE/4 SW/4,									
	W/2 NE/4									
	T-27-N, R-7-W									
	Sec. 36: E/2 SE/4									
	TOTAL								100.00%	100.00%
	Tract 25									
	TOTAL								100.00%	100.00%
	Tract 25									
	TOTAL								100.00%	100.00%
E-290-28	T-27-N, R-6-W	160.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	Tract 25	12.50%	12.50%	12.50%	.78156%		
	Sec. 16: NE/4									
	TOTAL								100.00%	100.00%
	Tract 25									
	TOTAL								100.00%	100.00%
	Tract 25									
	TOTAL								100.00%	100.00%
	Tract 25									
	TOTAL								100.00%	100.00%
	Tract 25									

Effective October 1, 1957

SCHEDULE IX-A  
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
E-290-28	T-27-N, R-6-W	200.00					
	Sec. 32: NW/4 SW/4, W/2 NW/4		Royalty; Working Interest:		12.50%	12.50%	<u>.97695%</u>
	T-27-N, R-7-W		El Paso Natural Gas Co.;		87.50%	87.50%	
	Sec. 36: N/2 NE/4		ORRI;		.00%	.00%	
TOTAL				100.00%	100.00%		
				<u>Tract 25</u>			
E-291-3	T-26-N, R-7-W	320.76					
	Sec. 2: Lots 1,2, S/2 NE/4, SE/4		Royalty; Working Interest: Southern Petroleum Exploration, Inc.;		12.50%	12.50%	<u>1.56683%</u>
			ORRI;		87.50%	87.50%	
			TOTAL		.00%	.00%	
		TOTAL		100.00%	100.00%		
				<u>Tract 26</u>			
E-291-35	T-26-N, R-7-W	160.68					
	Sec. 2: NW/4		Royalty; Working Interest: El Paso Natural Gas Co.;		12.50%	12.50%	<u>.78489%</u>
			ORRI;		82.50%	82.50%	
			TOTAL		5.00%	5.00%	
		TOTAL		100.00%	100.00%		
				<u>Tract 27</u>			
E-291-35	T-26-N, R-7-W	160.00					
	Sec. 2: SW/4		Royalty; Working Interest: El Paso Natural Gas Co.;		12.50%	12.50%	<u>.78156%</u>
			ORRI;		82.50%	82.50%	
			TOTAL		5.00%	4.00%	
		TOTAL		100.00%	99.00%		
				<u>Tract 28</u>			

SCHEDULE IX-A  
 REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
 RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>Tract 29</u>							
E-6443-4	T-27-N, R-6-W Sec. 16: NE/4 SE/4	40.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50%	82.50%	<u>.19539%</u>
					5.00%	5.00%	
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>Tract 30</u>							
Fee	T-27-N, R-6-W Sec. 22: E/2 NW/4, NE/4 SW/4, NW/4 SE/4	160.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50%	75.00%	<u>.78156%</u>
					12.50%	12.50%	
			TOTAL		<u>100.00%</u>	<u>87.50%</u>	

SCHEDULE IX-A  
 REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
 RINCON UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

<u>Township 26 North, Range 6 West, N.M.P.M.</u>	
Section 6: All	<u>Township 27 North, Range 7 West, N.M.P.M.</u>
<u>Township 26 North, Range 7 West, N.M.P.M.</u>	Sections 15, 22: E/2
Sections 1, 2, 11, 12: All	Sections 13, 14, 23, 24, 25, 26, 33,
<u>Township 27 North, Range 6 West, N.M.P.M.</u>	34, 35, 36: All
Sections 16, 17, 18, 19, 20, 21, 22, 23,	Section 27: E/2, SW/4
26, 27, 28, 29, 30, 31, 32: All	Section 28: S/2

Total Number of Acres in Participating Area: 20,823.94  
 Total Number of Acres Committed in Participating Area: 20,471.87

Percent of Basic Royalty Committed: 99.90159%  
 Percent of Working Interest Committed: 100.00000%  
 Percent of O.R.R.I. Committed: 99.83976%

# El Paso Natural Gas Company

El Paso, Texas

February 26, 1958

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
REVISED SEVENTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Based on Government Resurvey  
Effective October 1, 1957

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Revised Seventh Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which is based on a government resurvey of certain lands within the Rincon Unit Area.

Attached is Schedule VIII-A showing the Revised Seventh Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. The Revised Seventh Expanded Participating Area, based upon government resurvey, will be effective October 1, 1957 and will be reflected in all future expanded participating areas.

Inasmuch as this schedule includes only lands previously admitted to the Mesaverde Participating Area, official approval of this schedule is not necessary.

*amount of acreage only*

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

T. W. Bittick  
Assistant Manager  
Land Department

TWB:MC:jb  
cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

IN REPLY REFER TO:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 6721  
Roswell, New Mexico

*File  
217*

RECEIVED  
MAR 11 1958

February 24, 1958

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

Attention: Mr. Sam Smith

Gentlemen:

Your plan of development dated January 21, 1958, for the Rincon Unit Area, New Mexico, for the calendar year 1958, has been approved on this date subject to like approval by the appropriate State of New Mexico officials.

Two approved copies of the plan are enclosed.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON  
JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

Enclosure

Copy to: Wash. (w/copy of plan)  
Farmington (w/copy of plan)  
Oil Cons. Comm., Santa Fe (letter only)

El Paso Natural Gas Company

El Paso, Texas

February 11, 1958

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

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

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

Re: Exhibit "B"  
Rincon Unit  
Rio Arriba County, New Mexico  
Revised: February 1, 1958

Gentlemen:

Please find enclosed the Exhibit "B" for the Rincon Unit, which has been revised effective February 1, 1958.

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

Very truly yours,



Harry Gevertz  
Area Landman  
Land Department

HG:MC:cl

cc: Attached list

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

El Paso Natural Gas Company

El Paso, Texas

December 17, 1957

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

Re: Rincon Unit Area  
I Sec. No. 916  
Seventh Expanded Participating  
Area, Mesaverde Formation

Gentlemen:

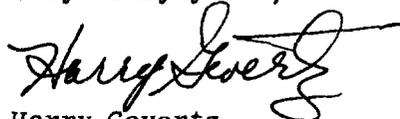
Enclosed herewith please find eight (8) copies of a request for approval of the Seventh Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area.

The Commissioner of Public Lands of the State of New Mexico requires two approved copies for his files and the United States Geological Survey requires four file copies of each geological inference type unit expansion.

Upon your approval of this expansion, we request that you please execute each copy in the space provided and return seven (7) approved copies to us for our further handling.

With best regards, we remain,

Very truly yours,



Harry Gevertz  
Area Landman  
Land Department

HG:MC:pc  
Enclosures

# El Paso Natural Gas Company

El Paso, Texas

December 12, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
SEVENTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective September 1, 1957

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Seventh Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 6 West  
Section 27: N/2  
Township 27 North, Range 7 West  
Section 15: E/2  
Containing 640.00 acres

The lands described above are proven to be productive by the following:

1. The Rincon Unit #85 Well, a dual completion well located 1650' from the North line and 890' from the East line of Section 15, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on May 19, 1957, and completed on June 21, 1957, at a total depth of 5760' in the Mesaverde Formation and at 3562' in the Pictured Cliffs Formation. On June 1, 1957 the Cliff House section of the Mesaverde Formation from 5024' to 5054' was treated with a sand-water fracturing process. The Point Lookout section of the Mesaverde Formation from 5492' to 5522', 5556' to 5570', 5594' to 5610' and 5646' to 5660' was also treated

with a sand-water fracturing process. After being shut-in for forty-nine (49) days, the well was tested on September 4, 1957 in the Mesaverde Formation, and following a three hour blow-down period gauged 3427 MCFGPD through a 3/4" choke and 4399 MCFGPD by the calculated absolute open flow method with an SIPT of 1083#.

2. The Rincon Unit #99 Well, located 1025' from the North line and 1025' from the East line of Section 27, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on July 7, 1957, and completed on August 19, 1957 at a total depth of 5528' in the Mesaverde Formation and at 3361' in the Pictured Cliffs Formation. On August 14, 1957, the Cliff House section of the Mesaverde Formation from 4824' to 4844', 4860' to 4880', 4900' to 4914' and 4956' to 4972' was treated with a sand-water fracturing process. The Point Lookout section of the Mesaverde Formation from 5284' to 5300', 5362' to 5372', 5394' to 5414', 5424' to 5436', 5448' to 5456' and 5484' to 5494' was also treated with a sand-water fracturing process. After being shut-in for twenty-three (23) days, the well was tested in the Mesaverde Formation on September 12, 1957, and following a three (3) hour blow-down period gauged 4432 MCFGPD through a 3/4" choke and 7193 MCFGPD by the calculated absolute open flow method, with an SIPT of 1052#.

Attached is Schedule VIII showing the Seventh Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule", the Seventh Expanded Participating Area will be effective September 1, 1957. If this Seventh Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Notices of completion for the Rincon #85 and #99 Wells in the Pictured Cliffs Formation have been submitted under separate cover.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick  
Assistant Manager  
Land Department

APPROVED: \_\_\_\_\_  
Director, 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: 3-31-58

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

The foregoing approvals are for the Seventh Expanded Participating Area for the Mesaverde Formation, effective September 1, 1957, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

El Paso Natural Gas Company

El Paso, Texas

December 3, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELL, MESAVERDE FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on May 28, 1957 that one (1) additional well, capable of producing unitized substances in paying quantities from the Mesaverde Formation, had been completed upon acreage within the unit area.

This well is as follows:

The Ripley #3 Well, located 1090' from the North line and 890' from the East line of Section 24, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on April 29, 1957 and completed on May 18, 1957 in the Mesaverde Formation. On May 14, 1957 the Cliff House Section of the Mesaverde Formation was treated with a sand-water fracturing process from 4866' to 4906'. The Point Lookout Section of the Mesaverde Formation from 5384' to 5404', 5416' to 5428', 5438' to 5454', 5480' to 5490' and 5500' to 5518' was also treated with a sand-water fracturing process. After being shut-in for ten (10) days, the well was tested on May 28, 1957, and following a three (3) hour blow-down period gauged 2339 MCFGPD through a 3/4" choke and 2751 MCFGPD by the calculated absolute open flow method with an SIPC of 1121# and an SIPT of 1104#.

The acreage upon which the Ripley #3 Well is located lies within the unit area but is not committed to the Rincon Unit. Therefore, the participating area is not enlarged in the Mesaverde Formation and the production from this well will be handled on a well basis. The percentage allocated to the various tracts shown on Schedule VII for

the Sixth Expanded Participating Area for the Mesaverde Formation remain the same.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Harry Gevertz  
Area Landman  
Land Department

HG:MWC:pc

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

El Paso Natural Gas Company  
El Paso, Texas

October 24, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL WELLS,  
PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on August 23, 1957 and September 4, 1957, that three (3) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation had been completed upon acreage committed to this Unit.

These wells are as follows:

1. The Rincon Unit #85 Well, a dual completion, located 1650' from the North line and 890' from the East line of Section 15, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on May 19, 1957, and completed on June 21, 1957, at a total depth of 5760' in the Mesaverde Formation and at 3562' in the Pictured Cliffs Formation. On June 1, 1957, the Pictured Cliffs Formation from 3278' to 3286' and 3304' to 3326' was treated with a sand-water fracturing process. After being shut-in for thirty-seven (37) days, the well was tested in the Pictured Cliffs Formation on August 23, 1957, and following a three hour blow-down period gauged 2287 MCFGPD through a 3/4" choke and 2359 MCFGPD by the calculated absolute open flow method, with an SIPC of 991# and an SIPT of 991#.

2. The Rincon Unit #98 Well, a dual completion, located 990' from the North line and 990' from the East line of Section 21, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on July 5, 1957, and completed on July 26, 1957, at a total depth of 5655' in the Mesaverde Formation and at 3326' in the Pictured Cliffs Formation. On July 23, 1957, the Pictured Cliffs Formation from 3176' to 3212' was treated with a sand-water fracturing process. After being shut-in for forty (40) days, the well was tested in the Pictured Cliffs Formation on September 4, 1957, and following a three hour blow-down period gauged 4144 MCFGPD through a 3/4" choke and 4558 MCFGPD by the calculated absolute open flow method, with an SIPC of 1071# and an SIPT of 1071#.
  
3. The Rincon Unit #99 Well, a dual completion, located 1025' from the North line and 1025' from the East line of Section 27, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on July 20, 1957, and completed on August 19, 1957, at a total depth of 5528' in the Mesaverde Formation and at 3361' in the Pictured Cliffs Formation. On August 15, 1957, the Pictured Cliffs Formation from 3132' to 3180' was treated with a sand-water fracturing process. After being shut-in for fifteen (15) days, the well was tested in the Pictured Cliffs Formation on September 4, 1957, and following a three hour blow-down period gauged 3561 MCFGPD through a 3/4" choke and 3842 MCFGPD by the calculated absolute open flow method, with an SIPC of 1035# and an SIPT of 1035#.

The acreage upon which the Rincon Unit #85 Well is located was included in the Seventh Expanded Participating Area for the Pictured Cliffs Formation, effective July 1, 1955, and the acreage upon which the Rincon #98 and #99 Wells are located was included in the Eighth Expanded Participating Area for the Pictured Cliffs Formation, effective September 1, 1955. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VIII for the Seventh Expanded Participating Area and Schedule IX for the Eighth Expanded Participating Area remain the same.

Notice of Completion for the Rincon #98 Well for the Mesaverde Formation and the Seventh Expanded Participating Area for the Mesaverde Formation based upon the Rincon #85 and #99 Wells will be submitted under separate cover.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Harry Gevertz  
Area Landman  
Land Department

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

El Paso Natural Gas Company  
MAIN OFFICE OCC

1957 SEP 9 AM 8:10  
El Paso, Texas  
September 6, 1957

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

Re: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
SIXTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective April 1, 1957

Gentlemen:

Your attention is called to the above captioned notice dated August 22, 1957.

On page 1 paragraph 2 regarding completion and test data on the Rincon #100 Well, you will notice that the total depth reads 5619'. This depth is incorrect and should be changed to read 5760'.

Please make the necessary correction on your copies.

If we may be of further service do not hesitate to call on us.

Very truly yours,



Harry Gevertz  
Area Landman  
Land Department

HG:MC:cl

MAIN OFFICE OCC *El Paso Natural Gas Company*

1037 SEP 3 AM 8:52

*El Paso, Texas*

August 27, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
CORRECTION OF NOTICE OF COMPLETION  
OF ADDITIONAL WELLS, PICTURED CLIFFS  
FORMATION AND MESAVERDE FORMATION,  
Dated August 14, 1957

Gentlemen:

The Rincon Unit #97 Well was not correctly located in the above captioned Notices of Completion, however the enclosed pages set out the correct location if replaced as follows:

1. Replace page 1 of the Mesaverde Notice of Completion dated August 14, 1957 with the enclosed page bearing the same caption.
2. Replace page 2 of the Pictured Cliffs Notice of Completion dated August 14, 1957 with the enclosed page 2.

Please correct your copies by the above mentioned substitutions and destroy the two incorrect pages.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

  
Harry Gevertz  
Area Landman  
Land Department

HG:MC:pc

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

# *El Paso Natural Gas Company*

*El Paso, Texas*

August 14, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, MESAVERDE FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on July 17, 1957, and on August 1, 1957, that two (2) additional wells capable of producing unitized substances in paying quantities from the Mesaverde formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #88 Well, a dual completion, located 1750' from the North line and 1650' from the East line of Section 13, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on June 2, 1957, and completed on June 23, 1957, at a total depth of 5680' in the Mesaverde formation and at 3485' in the Pictured Cliffs formation. On June 19, 1957, the Cliff House Section of the Mesaverde formation from 4910' to 4940' and 4954' to 4970' and the Point Lookout Section of the Mesaverde formation from 5432' to 5454', 5494' to 5518', 5528' to 5538', and 5566' to 5576' was treated with a sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested on July 17, 1957, in the Mesaverde formation and following a three hour blow-down period gauged 3458 MCFGPD through a 3/4" choke and 4366 MCFGPD by the calculated absolute open flow method, with an SIPT of 1088#.
2. The Rincon Unit #97 Well, a dual completion located 1650' from the South line and 990' from the West line of Section 18,

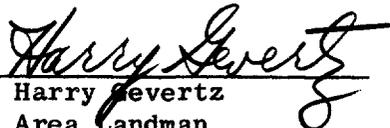
2. The Rincon Unit #97 Well, a dual completion, located 1650' from the South line and 990' from the West line of Section 18, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on June 4, 1957, and completed on July 9, 1957, at a total depth of 5656' in the Mesaverde formation and at 3339' in the Pictured Cliffs formation. On July 4, 1957, the Pictured Cliffs formation from 3184' to 3216' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested on July 18, 1957, and following a three hour blow-down period gauged 1245 MCFGPD through a 3/4" choke and 1257 MCFGPD by the calculated absolute open flow method, with an SIPC of 1013#, and an SIPT of 1013#.

The acreage upon which the Rincon Unit #88 and #97 Wells are located was included in the Seventh Expanded Participating Area for the Pictured Cliffs formation, effective July 1, 1955. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VIII for the Seventh Expanded Participating Area remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



Harry Severtz  
Area Landman  
Land Department

HG:MWC: jr

cc: Attached List

IN OFFICE CCC

# El Paso Natural Gas Company

El Paso, Texas

P 3 M 3:52

August 22, 1957

Mr. John A. Anderson  
Regional Oil and Gas Supervisor  
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: Rincon Unit Area, I Sec. No. 916  
Rio Arriba County, New Mexico  
SIXTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective April 1, 1957

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company as Unit Operator submits for your approval the Sixth Expanded Participating Area of the Mesaverde Formation, Rincon Unit, Rio Arriba County, New Mexico, which includes in addition to the lands previously admitted to the Mesaverde Participating Area, the following selection of lands estimated to be productive in paying quantities from the Mesaverde Formation:

Township 27 North, Range 6 West  
Section 26: N/2, SE/4  
Containing 480.00 acres

The lands described above are proven to be productive by the following:

5760' →  
The Rincon Unit #100 Well, a dual completion well located 990' from the North line and 990' from the East line of Section 26, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 8, 1957, and completed on March 25, 1957, at a total depth of 5619' in the Mesaverde Formation and at 3527' in the Pictured Cliffs formation. The Cliff House section of the Mesaverde Formation between 5000' and 5018', 5038' and 5060', 5067' and 5083', 5090' and 5102', 5111' and 5127' was treated with a sand-water fracturing process. The Point Lookout section of the Mesaverde Formation between 5435' and 5450', 5520' and 5540', 5590' and 5610', 5640' and 5660' was also treated with a sand-water fracturing process. After being shut-in for eight (8) days, the well was tested on April 12, 1957 in the Mesaverde formation, and following a three hour blow-down period gauged 4839 MCFGPD through a 3/4" choke and 9047 MCFGPD by the calculated absolute open flow method with an SIPT of 1062#.

Attached is Schedule VII showing the Sixth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownership in said tract. Inasmuch as Section 11 of the Unit Agreement provides that, "The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated unless a more appropriate effective date is specified in the schedule", this Sixth Expanded Mesaverde Participating Area will be effective April 1, 1957. If this Sixth Expanded Participating Area meets with your approval, please indicate such approval in the space provided on the attached page and return an approved copy for our files.

Notice of completion for the Rincon #100 Well in the Pictured Cliffs formation has been submitted under separate cover.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By T. W. Bittick  
T. W. Bittick  
Assistant Manager  
Land Department

TWB:MC:pc

cc: Attached List

APPROVED: \_\_\_\_\_  
Director, 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: \_\_\_\_\_

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

The foregoing approvals are for the Sixth Expanded Participating Area for the Mesaverde Formation, effective April 1, 1957, under the Rincon Unit Area, I Sec. No. 916, Rio Arriba County, New Mexico.

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

SCHEDULE VII  
SIXTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT
							ACTUAL PARTICIPATION
<u>Tract 1</u>							
SF 079052	T-27-N, R-6-W	520.00					
	Sec. 17: W/2 SE/4,		Royalty;		12.50%	12.50%	<u>7.93036%</u>
	SE/4 SE/4, SW/4		Working Interest:		82.50%	82.50%	
	Sec. 18: SE/4, E/2 SW/4		El Paso Natural Gas Co.;		5.00%	5.00%	
			ORRI;		<u>100.00%</u>	<u>100.00%</u>	
			TOTAL				
<u>Tract 3</u>							
SF 079298	T-27-N, R-7-W	320.00					
	Sec. 13: S/2		Royalty;		12.50%	12.50%	<u>4.88022%</u>
			Working Interest:		82.50%	82.50%	
			El Paso Natural Gas Co.;		5.00%	5.00%	
			ORRI;		<u>100.00%</u>	<u>100.00%</u>	
			TOTAL				
<u>Tract 4</u>							
SF 079298-A	T-27-N, R-7-W	160.00					
	Sec. 14: NW/4		Royalty;		12.50%	12.50%	<u>2.44011%</u>
			Working Interest:		74.06%	74.06%	
			El Paso Natural Gas Co.;		13.44%	13.44%	
			ORRI;		<u>100.00%</u>	<u>100.00%</u>	
			TOTAL				
<u>Tract 6</u>							
SF 079298-D	T-27-N, R-7-W	440.00					
	Sec. 13: N/2		Royalty;		12.50%	12.50%	<u>6.71030%</u>
	Sec. 14: NE/4 SW/4,		Working Interest:		82.50%	82.50%	
	S/2 SW/4		El Paso Natural Gas Co.;		5.00%	5.00%	
			ORRI;		<u>100.00%</u>	<u>100.00%</u>	
			TOTAL				

Effective April 1, 1957

SCHEDULE VII  
SIXTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP AND DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
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SF 079365-A	T-27-N, R-6-W Sec. 22: NE/4, NE/4 SE/4	520.00				
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Royalty;	12.50%	12.50%
Working Interest;		77.00%
El Paso Natural Gas Co.;		10.50%
ORRI;		100.00%
TOTAL		100.00%

4.88022%

SF 079365-A	T-27-N, R-6-W Sec. 23: S/2	320.00				
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Royalty;	12.50%	12.50%
Working Interest;		80.00%
El Paso Natural Gas Co.;		7.50%
ORRI;		100.00%
TOTAL		100.00%

6.71030%

SF 079366	T-27-N, R-6-W Sec. 21: S/2 Sec. 22: W/2 SW/4, SE/4 SE/4	440.00				
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Royalty;	12.50%	12.50%
Working Interest;		77.00%
El Paso Natural Gas Co.;		10.50%
ORRI;		100.00%
TOTAL		100.00%

2.44011%

SF 079366	T-27-N, R-6-W Sec. 22: W/2 NW/4, SE/4 SW/4, SW/4 SE/4	160.00				
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Royalty;	12.50%	12.50%
Working Interest;		80.00%
El Paso Natural Gas Co.;		7.50%
ORRI;		100.00%
TOTAL		100.00%

SCHEDULE VII  
SIXTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE		PRESENT ACTUAL PARTICIPATION
						COMMITTED	PARTICIPATION	
<u>Tract 15-A</u>								
SF 079366	T-27-N, R-6-W Sec. 20: N/2	320.00			12.50%	12.50%		4.88022%
	Royalty;							
	Working Interest;							
	El Paso Natural Gas Co.;				77.00%	77.00%		
	ORRI;				10.50%	10.50%		
	TOTAL				100.00%	100.00%		
<u>Tract 16</u>								
SF 079367-A	T-27-N, R-6-W Sec. 26: N/2	320.00			12.50%	12.50%		4.88022%
	Royalty;							
	Working Interest;							
	El Paso Natural Gas Co.;				77.00%	77.00%		
	ORRI;				10.50%	10.50%		
	TOTAL				100.00%	100.00%		
<u>Tract 16</u>								
SF 079367-A	T-27-N, R-6-W Sec. 26: SE/4	160.00			12.50%	12.50%		2.44011%
	Royalty;							
	Working Interest;							
	El Paso Natural Gas Co.;				80.00%	80.00%		
	ORRI;				7.50%	7.50%		
	TOTAL				100.00%	100.00%		

Effective April 1, 1957

SCHEDULE VII  
SIXTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP AND	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>Tract 17</u>							
SF 079404-A	T-27-N, R-6-W Sec. 18: Lots 1, 2, 3, 4	157.76					
	Royalty;				12.50%	12.50%	<u>2.40595%</u>
	Working Interest;						
	El Paso Natural Gas Co.;				86.50%	86.50%	
	ORRI;				<u>1.00%</u>	<u>1.00%</u>	
	TOTAL				<u>100.00%</u>	<u>100.00%</u>	
<u>Tract 20</u>							
NM 012209	T-27-N, R-7-W Sec. 14: E/2, NW/4 SW/4	360.00					
	Royalty;				12.50%	12.50%	<u>5.49025%</u>
	Working Interest;						
	El Paso Natural Gas Co.;				81.50%	81.50%	
	ORRI;				<u>6.00%</u>	<u>6.00%</u>	
	TOTAL				<u>100.00%</u>	<u>100.00%</u>	
<u>Tract 21</u>							
NM 013654	T-27-N, R-6-W Sec. 17: N/2, NE/4 SE/4	600.00					
	Royalty;				12.50%	12.50%	<u>9.15041%</u>
	Working Interest;						
	El Paso Natural Gas Co.;				81.50%	81.50%	
	ORRI;				<u>6.00%</u>	<u>6.00%</u>	
	TOTAL				<u>100.00%</u>	<u>100.00%</u>	
<u>Tract 24</u>							
E-290-28	T-27-N, R-6-W Sec. 16: W/2, W/2 SE/4, SE/4 SE/4	440.00					
	Royalty;				12.50%	12.50%	<u>6.71030%</u>
	Working Interest;						
	El Paso Natural Gas Co.;				77.50%	77.50%	
	ORRI;				<u>10.00%</u>	<u>.00%</u>	
	TOTAL				<u>100.00%</u>	<u>90.00%</u>	

SCHEDULE VII  
SIXTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP AND DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT
						ACTUAL PARTICIPATION
<u>Tract 25</u>						
E-290-28	T-27-N, R-6-W Sec. 16: NE/4	160.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI; TOTAL	12.50% 82.50% 5.00% 100.00%	12.50% 82.50% 5.00% 100.00%	<u>2.44011%</u>
<u>Tract 29</u>						
E-6443-4	T-27-N, R-6-W Sec. 16: NE/4 SE/4	40.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI; TOTAL	12.50% 82.50% 5.00% 100.00%	12.50% 82.50% 5.00% 100.00%	<u>.61003%</u>
<u>Tract 30</u>						
Patented	T-27-N, R-6-W Sec. 22: E/2 NW/4, NE/4 SW/4, NW/4 SE/4	160.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI; TOTAL	12.50% 75.00% 12.50% 100.00%	12.50% 75.00% 12.50% 100.00%	<u>2.44011%</u>

SCHEDULE VII  
 SIXTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
 RINCON UNIT AREA

RECAPITULATION

Description of lands in Participating Area:  
Township 27 North, Range 6 West, N.M.P.M.

- Section 16: All
- Section 17: All
- Section 18: All
- Section 19: Lots 1, 2, E/2 NW/4, NE/4
- Section 20: All
- Section 21: All
- Section 22: All
- Section 23: All
- Section 26: N/2, SE/4

Township 27 North, Range 7 West, N.M.P.M.

- Section 13: All
- Section 14: All

Total Number of Acres in Participating Area:	6,557.08
Percent of Basic Royalty Interest Committed:	100.00%
Percent of Working Interest Committed:	100.00%
Percent of O.R.R.I. Committed:	99.32897%

MAIL ROOM  
1957 AUG 14 PM 1:15  
El Paso Natural Gas Company  
El Paso, Texas

August 14, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, MESAVERDE FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on July 17, 1957, and on August 1, 1957, that two (2) additional wells capable of producing unitized substances in paying quantities from the Mesaverde formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #88 Well, a dual completion, located 1750' from the North line and 1650' from the East line of Section 13, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on June 2, 1957, and completed on June 23, 1957, at a total depth of 5680' in the Mesaverde formation and at 3485' in the Pictured Cliffs formation. On June 19, 1957, the Cliff House Section of the Mesaverde formation from 4910' to 4940' and 4954' to 4970' and the Point Lookout Section of the Mesaverde formation from 5432' to 5454', 5494' to 5518', 5528' to 5538', and 5536' to 5576' was treated with a sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested on July 17, 1957, in the Mesaverde formation and following a three hour blow-down period gauged 3458 MCFGPD through a 3/4" choke and 4366 MCFGPD by the calculated absolute open flow method, with an SIPT of 1088#.
2. The Rincon Unit #97 Well, a dual completion located 1650' from the South line and 990' from the East line of Section 18,

Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on June 4, 1957, and completed on July 9, 1957, at a total depth of 5656' in the Mesaverde formation and at 3339' in the Pictured Cliffs formation. On July 4, 1957, the Cliff House Section of the Mesaverde formation from 4888' to 4920' and 4940' to 4956' and the Point Lookout Section of the Mesaverde formation from 5412' to 5440', 5444' to 5460', 5467' to 5486', 5495' to 5502' and 5534' to 5546', was treated with a sand-water fracturing process. After being shut-in for fourteen (14) days, the well was tested in the Mesaverde formation on August 1, 1957, and following a three hour blow-down period gauged 3547 MCFGPD through a 3/4" choke and 4565 MCFGPD by the calculated absolute open flow method, with an SIPT of 1056#.

The acreage upon which the Rincon Unit #88 and #97 Wells are located was included in the Fifth and Fourth Expanded Participating Area for the Mesaverde formation, effective August 1, 1956, and May 1, 1956, respectively. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VI for the Fifth Expanded Participating Area and Schedule V for the Fourth Expanded Participating Area remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Harry Geertz  
Harry Geertz  
Area Landman  
Land Department

HG:MWC:pc

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

MAIN OFFICE OCC *El Paso Natural Gas Company*

1957 AUG 8 AM 1:24

*El Paso, Texas*

August 14, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on July 5, 1957 and July 18, 1957 that two (2) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #88 Well, a dual completion, located 1750' from the North line and 1650' from the East line of Section 13, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on June 2, 1957, and completed on June 23, 1957, at a total depth of 5680' in the Mesaverde formation and at 3485' in the Pictured Cliffs formation. On June 19, 1957, the Pictured Cliffs formation from 3212' to 3235' was treated with a sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested in the Pictured Cliffs formation on July 5, 1957, and following a three hour blow-down period gauged 2480 MCFGPD through a 3/4" choke and 2595 MCFGPD by the calculated absolute open flow method, with an SIPC of 1036#, and an SIPT of 1036#.

2. The Rincon Unit #97 Well, a dual completion, located 1650' from the South line and 990' from the East line of Section 18, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on June 4, 1957, and completed on July 9, 1957, at a total depth of 5656' in the Mesaverde formation and at 3339' in the Pictured Cliffs formation. On July 4, 1957, the Pictured Cliffs formation from 3184' to 3216' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested on July 18, 1957, and following a three hour blow-down period gauged 1245 MCFGPD through a 3/4" choke and 1257 MCFGPD by the calculated absolute open flow method, with an SIPC of 1013#, and an SIPT of 1013#.

The acreage upon which the Rincon Unit #88 and #97 Wells are located was included in the Seventh Expanded Participating Area for the Pictured Cliffs formation, effective July 1, 1955. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VIII for the Seventh Expanded Participating Area remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Harry Gevertz  
Harry Gevertz  
Area Landman  
Land Department

HG:MWC:jr

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

14  
217  
*El Paso Natural Gas Company*  
MAIN OFFICE OCC

*El Paso, Texas*

1957 AUG 13 PM 1:23

July 30, 1957

Regional Oil and Gas 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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELL, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on April 4, 1957 that one (1) additional well, capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, had been completed upon acreage committed to this unit.

This well is as follows:

The Rincon Unit #100 Well, located 990' from the North line and 990' from the East line of Section 26, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 8, 1957, and completed on March 25, 1957, at a total depth of 5760' in the Mesaverde formation and at 3527' in the Pictured Cliffs formation. On March 20, 1957, the Pictured Cliffs formation from 3310' to 3330', and 3338' to 3356' was treated with a sand-water fracturing process. After being shut-in for ten (10) days, the well was tested on April 4, 1957, and following a three (3) hour blow-down period gauged 2717 MCFGPD through a 3/4" choke and 2809 MCFGPD by the calculated absolute open flow method, with an SIPC of 1005#, and an SIPT of 1005#.

The acreage upon which the Rincon Unit #100 Well is located was included in the Eighth Expanded Participating Area for the Pictured Cliffs formation, effective September 1, 1955. Therefore, the Participating Area is not enlarged in the Pictured

Cliffs formation, and the percentages allocated to the tracts shown on Schedule IX for the Eighth Expanded Participating Area for the Pictured Cliffs formation remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



Harry Gevertz  
Area Landman  
Land Department

HG:MWC:jr

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. W. C. McMahan  
Post Office Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

Mr. William G. Webb  
% Turner, Atwood, White, McLane & Francis  
1711 Mercantile Bank Building  
Dallas 1, Texas

# El Paso Natural Gas Company

El Paso, Texas

March 21, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL WELLS  
Pictured Cliffs Formation

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I. Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on March 8, 1957, that four (4) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #93 Well, located 800' from the South line and 1050' from the East line of Section 11, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 21, 1957, and completed on February 14, 1957, at a total depth of 2793' in the Pictured Cliffs formation. On February 11, 1957, the Pictured Cliffs formation from 2706' to 2741' was treated with a sand-water fracturing process. After being shut-in for twenty three (23) days, the well was tested on March 8, 1957, and following a three hour blow-down period gauged 7678' MCFGPD through a 3/4" choke and 12,393 MCFGPD by the calculated absolute open flow method, with an SIPC of 831#, and an SIPT of 831#.
2. The Rincon Unit #94 Well, located 800' from the South line and 990' from the West line of Section 12, Township 26 North, Range 7 West, Rio Arriba County, New

Mexico, was spudded on January 27, 1957, and completed on February 18, 1957, at a total depth of 2845' in the Pictured Cliffs formation. On February 16, 1957, the Pictured Cliffs formation from 2756' to 2794' was treated with a sand-water fracturing process. After being shut-in for nineteen (19) days, the well was tested on March 8, 1957, and following a three hour blow-down period gauged 5128 MCFGPD through a 3/4" choke and 6225 MCFGPD by the calculated absolute open flow method, with an SIPC of 827#, and an SIPT of 827#.

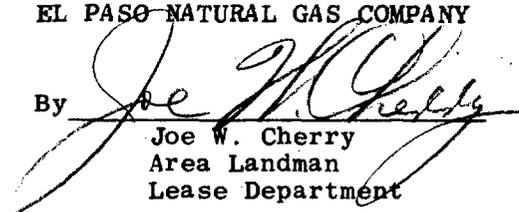
3. The Rincon Unit #95 Well, located 1650' from the South line and 890' from the East line of Section 12, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 31, 1957, and completed on February 22, 1957, at a total depth of 2850' in the Pictured Cliffs formation. On February 20, 1957, the Pictured Cliffs formation from 2750' to 2762', 2777' to 2788' and 2794' to 2806' was treated with a sand-water fracturing process. After being shut-in for fifteen (15) days, the well was tested on March 8, 1957, and following a three hour blow-down period gauged 2207 MCFGPD through a 3/4" choke and 2285 MCFGPD by the calculated absolute open flow method, with an SIPC of 853#, and an SIPT of 853#.
4. The Rincon Unit #96 Well, located 990' from the North line and 800' from the East line of Section 12, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on February 5, 1957, and completed on February 27, 1957, at a total depth of 2984' in the Pictured Cliffs formation. On February 25, 1957, the Pictured Cliffs formation from 2905' to 2920', and 2926' to 2939' was treated with a sand-water fracturing process. After being shut-in for ten (10) days, the well was tested on March 8, 1957, and following a three hour blow-down period gauged 1836 MCFGPD through a 3/4" choke and 1891 MCFGPD by the calculated absolute open flow method, with an SIPC of 805#, and an SIPT of 805#.

The acreage upon which the Rincon Unit #93, #94, #95 and #96 Wells are located was included in the Fourth Expanded Participating Area for the Pictured Cliffs formation, effective December 1, 1953. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule V for the Fourth Expanded Participating Area, remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

  
Joe W. Cherry  
Area Landman  
Lease Department

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. Bert Fields  
1211 Fidelity Union Life Building  
Dallas, Texas

Mr. W. C. McMahan  
P. O. Box 631  
Houston 2, Texas

A. V. Jones  
Albany, Texas

Homer R. Stazney  
Albany, Texas

# El Paso Natural Gas Company

El Paso, Texas

March 14, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on February 5, 1957 and February 26, 1957, that two (2) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, have been completed upon acreage committed to this unit.

These wells are as follows:

1. Rincon Unit #91 Well, located 828' from the North line and 1002' from the West line of Section 11, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 12, 1957, and completed on January 24, 1957, at a total depth of 3025' in the Pictured Cliffs formation. On January 20, 1957, the Pictured Cliffs formation from 2930' to 2940' and 2948' to 2978' was treated with a sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested on February 5, 1957, and following a three hour blow-down period gauged 6449 MCFGPD through a 3/4" choke and 9035 MCFGPD by the calculated absolute open flow method with an SIPC of 783#; no SIPT is available at this time because no tubing was run.

2. The Rincon Unit #92 Well, located 1650' from the North line and 1835' from the East line of Section 11, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 17, 1957, and completed on February 6, 1957, at a total depth of 2855' in the Pictured Cliffs formation. On February 4, 1957, the Pictured Cliffs formation from 2758' to 2767' and 2775' to 2809' was treated with a sand-water fracturing process. After being shut-in for twenty (20) days, the well was tested on February 26, 1957, and following a three hour blow-down period gauged 6266 MCFGPD through a 3/4" choke and 8409 MCFGPD by the calculated absolute open flow method, with an SIPC of 837#, and an SIPT of 837#.

The acreage upon which the Rincon Unit #91 and #92 wells are located was included in the Third Expanded Participating Area for the Pictured Cliffs formation, effective November 1, 1953. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule IV for the Third Expanded Participating Area, remain the same.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:cr

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. Bert Fields  
1211 Fidelity Union Life Building  
Dallas, Texas

Mr. W. C. McMahan  
P. O. Box 631  
Houston 2, Texas

A. V. Jones  
Albany, Texas

Homer R. Stazney  
Albany, Texas

# El Paso Natural Gas Company

El Paso, Texas

March 11, 1957

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

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

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

Re: Rincon Unit Area  
I Sec. No. 916  
NOTICE OF COMPLETION OF  
ADDITIONAL WELLS,  
PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on January 25, 1957 and January 31, 1957, that four (4) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, have been completed upon acreage committed to this unit.

These wells are as follows:

1. Rincon Unit #86 Well, located 890' from the South line and 900' from the East line of Section 15, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on December 23, 1956, and completed on January 13, 1957, at a total depth of 3210' in the Pictured Cliffs formation. On January 12, 1957, the Pictured Cliffs formation from 3130' to 3160' was treated with a sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested on January 25, 1957, and following a three hour blow-down period gauged 3629 MCFGPD through a 3/4" choke and 3857 MCFGPD by the calculated absolute open flow method, with an SIPC of 995#, and an SIPT of 995#.

2. The Rincon Unit #87 Well, located 1800' from the North line and 1700' from the West line of Section 13, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 2, 1957, and completed on January 16, 1957, at a total depth of 3420' in the Pictured Cliffs formation. On January 15, 1957, the Pictured Cliffs formation from 3310' to 3336' was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested on January 25, 1957, and following a three hour blow-down period gauged 2875 MCFGPD through a 3/4" choke and 2978 MCFGPD by the calculated absolute open flow method, with an SIPC of 1060#, and an SIPT of 1061#.
3. The Rincon Unit #89 Well, located 890' from the South line and 890' from the East line of Section 13, Township 27, North, Range 7 West, Rio Arriba County, New Mexico, was spudded on December 29, 1956, and completed on January 19, 1957, at a total depth of 3315' in the Pictured Cliffs formation. On January 18, 1957, the Pictured Cliffs formation from 3209' to 3234' was treated with a sand-water fracturing process. After being shut-in for eleven (11) days, the well was tested on January 31, 1957, and following a three hour blow-down period gauged 2415 MCFGPD through a 3/4" choke and 2472 MCFGPD by the calculated absolute open flow method, with an SIPC of 1065# and an SIPT of 1066#.
4. The Rincon Unit #90 Well, located 1051' from the South line and 990' from the West line of Section 2, Township 26 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on January 6, 1957, and completed on January 22, 1957, at a total depth of 2865', in the Pictured Cliffs formation. On January 20, 1957, the Pictured Cliffs formation from 2775' to 2810', was treated with a sand-water fracturing process. After being shut-in for nine (9) days, the well was tested on January 31, 1957, and following a three hour blow-down period gauged 5900 MCFGPD through a 3/4" choke and 7711 MCFGPD by the calculated absolute open flow method, with an SIPC of 790#, and an SIPT of 784#.

The acreage upon which the Rincon Unit #90 Well is located was included in the Third Expanded Participating Area for the Pictured Cliffs formation, effective November 1, 1953, the acreage upon which the Rincon Unit #89 Well is located was included in the Fifth Expanded Participating Area for the Pictured Cliffs formation, effective June 1, 1954, and the acreage upon which the Rincon Unit #86 and #87 Wells are located was included in the Seventh Expanded Participating Area for the Pictured Cliffs formation, effective July 1, 1955. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VI for the Fifth Expanded Participating Area, Schedule IV for the Third Expanded Participating Area, and Schedule VIII for the Seventh Expanded Participating Area remain the same.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



---

Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:cr

cc: Attached List

## El Paso Natural Gas Company

El Paso, Texas

February 27, 1957

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

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

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

file

Re: Rincon Unit Area I Sec. No. 916  
 Rio Arriba County, New Mexico  
APPROVAL OF 1957 DRILLING PROGRAM

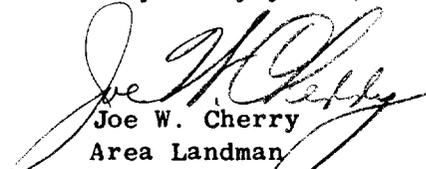
Gentlemen:

This is to advise that the 1957 Drilling Program for the above captioned unit was approved by the proper Federal and State authorities as follows:

1. Regional Supervisor, United States Geological Survey  
 APPROVED: February 4, 1957
2. Commissioner of Public Lands of the State of New Mexico  
 APPROVED: January 29, 1957
3. Oil Conservation Commission of the State of New Mexico  
 APPROVED: February 11, 1957

Copies of this letter have been sent to the working interest owners shown on the attached sheet.

Very truly yours,

  
 Joe W. Cherry  
 Area Landman  
 Lease Department

JWC:RDJ:cr

cc: Attached sheet

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

299

February 11, 1957

C  
O  
P  
Y

**El Paso Natural Gas Company  
El Paso, Texas**

**Attention: Mr. Samuel Smith**

**Re: Rincon Unit  
Rio Arriba County, New Mexico  
1957 Drilling Program**

**Gentlemen:**

**This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1957 Drilling Program for the subject unit area, dated December 31, 1957, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.**

**You are reminded that approval of the Drilling Program does not constitute approval of the individual dual completions, and that separate approval must be obtained in the prescribed manner for said duals.**

**It is presumed that the proposed dual completion described as in the "S/2 Section 18: Township 27 North, Range 6 West," will be located in the SW/4 of said section.**

**One approved copy of the Program is returned herewith.**

**Very truly yours,**

**A. L. PORTER, JR.  
Secretary-Director**

**ALP:DSN:dea  
Enclosure**

# El Paso Natural Gas Company

El Paso, Texas

February 11, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on January 24, 1957 and on January 25, 1957, that three (3) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #72 Well, located 990' from the South line and 850' from the East line of Section 33, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on December 15, 1956, and completed on January 18, 1957, at a total depth of 2970' in the Pictured Cliffs formation. On January 16, 1957, the Pictured Cliffs formation from 2902' to 2922' was treated with a sand-water fracturing process. After being shut-in for seven (7) days, the well was tested on January 25, 1957, and following a three hour blow-down period gauged 3032 MCFGPD through a 3/4" choke and 3232 MCFGPD by the calculated absolute open flow method, with an SIPC of 810#, and an SIPT of 810#.
2. The Rincon Unit #73 Well, located 1800' from the North line and 900' from the East line of Section 33, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on December 20, 1956, and completed on January 14, 1957, at a total depth of 3252' in the Pictured Cliffs formation. On January 12, 1957, the Pictured Cliffs formation from 3150' to 3158', and 3172' to 3200' was treated with a sand-water fracturing process. After being shut-in for ten (10) days, the well was tested on January 24, 1957, and following a three

hour blow-down period gauged 6288 MCFGPD through a 3/4" choke and 8489 MCFGPD by the calculated absolute open flow method, with an SIPC of 817#, and an SIPT of 817#.

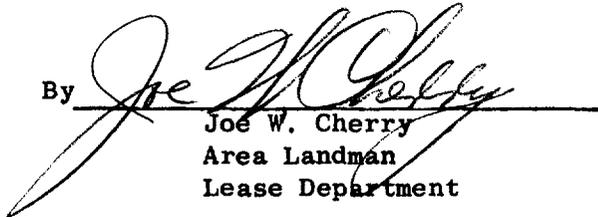
3. The Rincon Unit #74 Well, located 900' from the North line and 951' from the West line of Section 33, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on December 15, 1956, and completed on January 9, 1957, at a total depth of 3100' in the Pictured Cliffs formation. On January 7, 1957, the Pictured Cliffs formation from 3029' to 3052' was treated with a sand-water fracturing process. After being shut-in for fifteen (15) days, the well was tested on January 24, 1957, and following a three hour blow-down period gauged 4541 MCFGPD through a 3/4" choke and 5277 MCFGPD by the calculated absolute open flow method, with an SIPC of 838# and an SIPT of 838#.

The acreage upon which the Rincon Unit #72, #73 and #74 Wells are located was included in the Sixth Expanded Participating Area for the Pictured Cliffs formation, effective August 1, 1954. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VII for the Sixth Expanded Participating Area remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:nn

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. Bert Fields  
1211 Fidelity Union Life Building  
Dallas, Texas

Mr. W. C. McMahan  
P. O. Box 631  
Houston 2, Texas

A. V. Jones  
Albany, Texas

Homer R. Stazney  
Albany, Texas

# El Paso Natural Gas Company

El Paso, Texas

February 7, 1957

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on January 7, 1957, January 9, 1957, and on January 17, 1957, that four (4) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #69 Well, located 1650' from the South line and 900' from the West line of Section 27, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on December 4, 1956, and completed on January 1, 1957, at a total depth of 3075' in the Pictured Cliffs formation. On December 31, 1956, the Pictured Cliffs formation from 2957' to 2968', and from 2984' to 3008' was treated with a sand-water fracturing process. After being shut-in for eight (8) days, the well was tested on January 9, 1957, and following a three hour blow-down period gauged 2473 MCFGPD through a 3/4" choke and 2578 MCFGPD by the calculated absolute open flow method, with an SIPC of 832#, and an SIPT of 833#.
2. The Rincon Unit #71 Well, located 1550' from the South line and 1550' from the East line of Section 28, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on December 9, 1956, and completed on January 5, 1957, at a total depth of 3050' in the Pictured Cliffs formation. On January 3, 1957, the Pictured Cliffs formation from 2967' to 3003' was treated with a

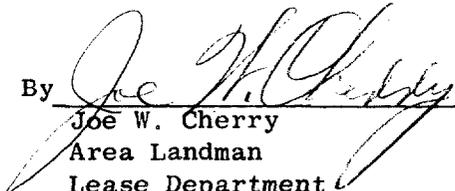
sand-water fracturing process. After being shut-in for twelve (12) days, the well was tested on January 17, 1957, and following a three hour blow-down period guaged 3072 MCFGPD through a 3/4" choke and 3289 MCFGPD by the calculated absolute open flow method, with an SIPC of 805#, and an SIPT of 805#.

3. The Rincon Unit #76 Well, located 1800' from the North line and 1090' from the East line of Section 34, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on November 19, 1956, and completed on December 23, 1956, at a total depth of 3082' in the Pictured Cliffs formation. On December 22, 1956, the Pictured Cliffs formation from 3000' to 3010' and 3023' to 3044' was treated with a sand-water fracturing process. After being shut-in for fifteen (15) days, the well was tested on January 7, 1957 and following a three hour blow-down period guaged 1432 MCFGPD through a 3/4" choke and 1450 MCFGPD by the calculated absolute open flow method, with an SIPC of 856# and an SIPT of 856#.
4. The Rincon Unit #77 Well, located 990' from the South line and 990' from the East line of Section 34, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on December 3, 1956, and completed on December 29, 1956, at a total depth of 3002', in the Pictured Cliffs formation. On December 28, 1956, the Pictured Cliffs formation from 2898' to 2922' and 2930' to 2946' was treated with a sand-water fracturing process. After being shut in for eleven (11) days, the well was tested on January 9, 1957, and following a three hour blow-down period guaged 1811 MCFGPD through a 3/4" choke and 1878 MCFGPD by the calculated absolute open flow method, with an SIPC of 818#, and an SIPT of 818#.

The acreage upon which the Rincon Unit #69, #71, #76 and #77 Wells are located was included in the Sixth Expanded Participating Area for the Pictured Cliffs formation, effective August 1, 1954. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VII for the Sixth Expanded Participating Area remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:nn

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. Bert Fields  
1211 Fidelity Union Life Building  
Dallas, Texas

Mr. W. C. McMahan  
P. O. Box 631  
Houston 2, Texas

A. V. Jones  
Albany, Texas

Homer R. Stazney  
Albany, Texas

299

# El Paso Natural Gas Company

*PT*

El Paso, Texas

*file*

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

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on December 27, 1956, that three (3) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #68 Well, located 990' from the South line and 990' from the East line of Section 27, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on November 12, 1956, and completed on December 7, 1956, at a total depth of 3195' in the Pictured Cliffs formation. On December 16, 1956, the Pictured Cliffs formation from 3110' to 3130' and 3146'-3168' was treated with a sand-water fracturing process. After being shut-in for ten (10) days, the well was tested on December 27, 1956, and following a three hour blow-down period gauged 2523 MCFGPD through a 3/4" choke and 3022 MCFGPD by the calculated absolute open flow method, with an SIPC of 910#, and an SIPT of 778#.
2. The Rincon Unit #70 Well, located 1090' from the North line and 990' from the East line of Section 27, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on November 5, 1956, and completed on December 14, 1956, at a total depth of 3187' in the Pictured Cliffs formation. On December 13, 1956, the Pictured Cliffs formation from 3084' to 3112' and 3135' to 3154' was treated with a sand-water fracturing process. After being shut-in for thirteen (13) days, the well was tested

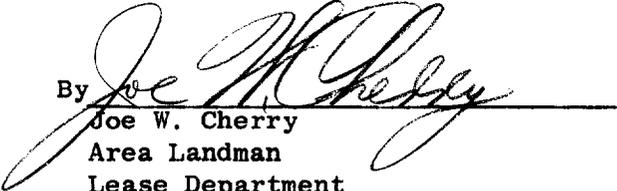
on December 27, 1956, and following a three hour blow-down period gauged 3902 MCFGPD through a 3/4" choke and 5125 MCFGPD by the calculated absolute open flow method, with an SIPC of 992#, and an SIPT of 992#.

3. The Rincon Unit #75 Well, located 1850' from the North line and 1850' from the West line of Section 34, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on November 26, 1956, and completed on December 20, 1956, at a total depth of 3148' in the Pictured Cliffs formation. On December 19, 1956, the Pictured Cliffs formation from 3058' to 3098' was treated with a sand-water fracturing process. After being shut-in for seven (7) days, the well was tested on December 27, 1956, and following a three hour blow-down period gauged 1377' MCFGPD through a 3/4" choke and 1424 MCFGPD by the calculated absolute open flow method, with an SIPC of 818# and an SIPT of 818#.

The acreage upon which the Rincon Unit #68, #70 and #75 Wells are located was included in the Sixth Expanded Participating Area for the Pictured Cliffs formation, effective August 1, 1954. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VII for the Sixth Expanded Participating Area remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:nn

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. Bert Fields  
1211 Fidelity Union Life Building  
Dallas, Texas

Mr. W. C. McMahan  
P. O. Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

2.99

January 29, 1957

In reply refer to:  
Unit Division



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

Attention: Mr. Samuel Smith, Assistant Manager  
Lease Department

Re: Rincon Unit -  
1957 Drilling Program,  
Rio Arriba County, N. Mex.

Gentlemen:

We are enclosing two copies of your 1957  
Drilling Program, which was approved by the Commis-  
sioner of Public Lands, Mr. M. E. Morgan, on  
January 29, 1957.

Very truly yours,

MURRAY E. MORGAN  
Commissioner of Public Lands

By:

Ted Bilberry, Supervisor  
Oil and Gas Department

MEM/m  
enc: 2  
cc: OCC-Santa Fe  
USGS-Roswell

January 15, 1957

In reply refer to:  
Unit Division

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

Attention: Mr. Samuel Smith, Assistant Manager  
Lease Department

Re: Rincon Unit -  
1957 Drilling Program  
Rio Arriba County, N. Mex.

Dear Mr. Smith:

In reference to your 1957 Drilling Program for the Rincon Unit, we find that you have no planned wells for the N/2 of Section 32-26N-6W. We feel that this is somewhat of an injustice to the State of New Mexico and would appreciate your explaining the exclusion of wells in this tract.

May we hear from you at your earliest convenience.

Very truly yours,

MURRAY E. MORGAN  
Commissioner of Public Lands

MEM:TMW/m

cc: OCC-Santa Fe  
Attention: Mr. Mankin

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 11, 1957

**C**  
**El Paso Natural Gas Company**  
**El Paso, Texas**

**Attention: Mr. Samuel Smith**

**Re: Rincon Unit**  
**Rio Arriba County, New Mexico**  
**1957 Drilling Program**

**O**  
**Gentlemen:**

**P**  
**This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1957 Drilling Program for the subject unit area, dated December 31, 1957, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.**

**You are reminded that approval of the Drilling Program does not constitute approval of the individual dual completions, and that separate approval must be obtained in the prescribed manner for said duals.**

**Y**  
**It is presumed that the proposed dual completion described as in the "S/2 Section 18: Township 27 North, Range 6 West," will be located in the SW/4 of said section.**

**One approved copy of the Program is returned herewith.**

**Very truly yours,**

**A. L. PORTER, JR.**  
**Secretary-Director**

**ALP:DSN:des**  
**Enclosure**

# El Paso Natural Gas Company

El Paso, Texas  
December 31, 1956

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

*OK*

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

Re: Rincon Unit, I Sec. No. 916  
Rio Arriba County, New Mexico  
1957 DRILLING PROGRAM

Gentlemen:

By letter dated December 23, 1955, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1956, consisting of six (6) Mesaverde wells and twenty (20) Pictured Cliffs wells. All of these wells were completed during 1956 upon lands committed to this Unit as follows:

<u>Well Name</u>	<u>Formation</u>	<u>Drilling Block</u>	<u>Initial Potential</u>	<u>Tied-in</u>
Rincon #78	Mesaverde	E/2 Section 14: T-27-N, R-7-W	2,935 3,727	Oct. 2, 1956
Rincon #79	Mesaverde	E/2 Section 17: T-27-N, R-6-W	4,619 8,476	Not Tied In
Rincon #81	Mesaverde	W/2 Section 17: T-27-N, R-6-W	3,304 5,217	Not Tied In
Rincon #80	Mesaverde	E/2 Section 18: T-27-N, R-6-W	6,287 17,176	Oct. 3, 1956
Rincon #83	Mesaverde	E/2 Section 23: T-27-N, R-6-W	4,996 8,059	Oct. 25, 1956
Rincon #82	Mesaverde	W/2 Section 23: T-27-N, R-6-W	5,230 9,634	Oct. 4, 1956
Rincon #66	Pictured Cliffs	NE/4 Section 22: T-27-N, R-7-W	4,737 9,531	Oct. 19, 1956
Rincon #67	Pictured Cliffs	SE/4 Section 22: T-27-N, R-7-W	5,582 10,885	Oct. 25, 1956
Rincon #63	Pictured Cliffs	NW/4 Section 23: T-27-N, R-7-W	3,945 6,446	Oct. 26, 1956

<u>Well Name</u>	<u>Formation</u>	<u>Drilling Block</u>	<u>Initial Potential</u>	<u>Tied-in</u>
Rincon #64	Pictured Cliffs	NE/4 Section 23: T-27-N, R-7-W	2,394 2,643	Nov. 5, 1956
Rincon #65	Pictured Cliffs	SE/4 Section 23: T-27-N, R-7-W	6,077 21,482	Not Tied In
Rincon #58	Pictured Cliffs	SW/4 Section 24: T-27-N, R-7-W	3,732 5,842	Nov. 5, 1956
Rincon #59	Pictured Cliffs	SE/4 Section 24: T-27-N, R-7-W	1,797 1,949	Oct. 26, 1956
Rincon #60	Pictured Cliffs	NE/4 Section 25: T-27-N, R-7-W	3,105 4,193	Not Tied In
Rincon #68	Pictured Cliffs	SE/4 Section 27: T-27-N, R-7-W		Not Tied In
Rincon #69	Pictured Cliffs	SW/4 Section 27: T-27-N, R-7-W		Not Tied In
Rincon #70	Pictured Cliffs	NE/4 Section 27: T-27-N, R-7-W		Not Tied In
Rincon #71	Pictured Cliffs	SE/4 Section 28: T-27-N, R-7-W		Not Tied In
Rincon #72	Pictured Cliffs	SE/4 Section 33: T-27-N, R-7-W		Not Tied In
Rincon #73	Pictured Cliffs	NE/4 Section 33: T-27-N, R-7-W		Not Tied In
Rincon #74	Pictured Cliffs	NW/4 Section 33: T-27-N, R-7-W		Not Tied In
Rincon #75	Pictured Cliffs	NW/4 Section 34: T-27-N, R-7-W		Not Tied In
Rincon #76	Pictured Cliffs	NE/4 Section 34: T-27-N, R-7-W		Not Tied In
Rincon #77	Pictured Cliffs	SE/4 Section 34: T-27-N, R-7-W		Not Tied In
Rincon #62	Pictured Cliffs	SE/4 Section 28: T-27-N, R-6-W		Not Tied In
Rincon #61	Pictured Cliffs	NE/4 Section 30: T-27-N, R-6-W		Not Tied In

Twelve (12) wells have been completed to the Mesaverde formation on lands committed to the Unit. Of the twelve (12) Mesaverde wells, eleven (11) have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Mesaverde Participating Area. Nine (9) wells are producing into El Paso Natural Gas Company's gathering system.

Fifty-three (53) of the Pictured Cliffs wells have been determined to be capable of producing unitized substances in paying quantities and have been admitted to the Pictured Cliffs Participating Area. Fifty-one (51) wells are producing into El Paso Natural Gas Company's gathering system. Twelve (12) other Pictured Cliffs wells have been completed, but as yet have not been tested.

For the period from 7:00 o'clock A.M. on January 1, 1956, to 7:00 o'clock A.M. on November 30, 1956, the production from the Mesaverde formation of the Rincon Unit was 649,568 m.c.f. of gas, condensates and liquid products, with a total value of \$82,274.79. For the same period of time, production from the Pictured Cliffs formation was 1,397,384 m.c.f. of gas and liquid products with a total value of \$150,937.97. The total value for this period of the combined production from the Mesaverde and Pictured Cliffs formations was \$233,212.76.

El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests the approval of a drilling program for the calendar year 1957, consisting of ten (10) wells to be drilled to the Pictured Cliffs formation, and six (6) dual-completion wells to be drilled to the Pictured Cliffs and Mesaverde formations, such Drilling Program to constitute all of our drilling obligations for such year. These proposed drilling sites are as follows:

Dual, Mesaverde and Pictured Cliffs Formations

E/2 Section 13: T-27-N, R-7-W  
E/2 Section 15: T-27-N, R-7-W  
S/2 Section 18: T-27-N, R-6-W  
E/2 Section 21: T-27-N, R-6-W  
E/2 Section 26: T-27-N, R-6-W  
E/2 Section 27: T-27-N, R-6-W

Pictured Cliffs Formation

SW/4 Section 2: T-26-N, R-7-W  
NE/4 Section 11: T-26-N, R-7-W  
SE/4 Section 11: T-26-N, R-7-W  
NW/4 Section 11: T-26-N, R-7-W  
SW/4 Section 12: T-26-N, R-7-W  
SE/4 Section 12: T-26-N, R-7-W  
SE/4 Section 13: T-27-N, R-7-W  
NW/4 Section 13: T-27-N, R-7-W  
SE/4 Section 15: T-27-N, R-7-W  
NE/4 Section 12: T-26-N, R-7-W

El Paso Natural Gas Company, as Unit Operator, intends to drill all of the above listed Pictured cliffs wells to the base of the Pictured Cliffs formation using rotary and cable tools. Surface casing will be set to approximately 100' from the surface, and then a production string of 5-1/2" casing will be set through the Pictured Cliffs formation. Mud will be used in drilling through the Pictured Cliffs formation and cable tools will be used for completion work. The entire Pictured Cliffs formation will be subjected to a hydraulic fracturing process. Due care will be taken to protect all horizons.

El Paso Natural Gas Company, as Unit Operator, intends to drill all of the above listed Mesaverde-Pictured Cliffs dual wells to the base of the Mesaverde formation using rotary tools. Surface casing of 10-3/4" will be set to approximately 150' below the surface and an intermediate string of 7-5/8" will be set through the Pictured Cliffs formation to a depth of approximately 3200'. A 5-1/2" production liner will be set from this point through the Mesaverde formation. The Mesaverde formation will then be selectively perforated and subjected to a hydraulic fracturing process, after which a bridging plug will be set above the Mesaverde formation and the Pictured Cliffs formation will be selectively perforated and subjected to a hydraulic fracturing process. For completion, a production packer will be set between the two formations using 2" tubing to produce the Mesaverde. A string of 1-1/4" tubing will be run through which the Pictured Cliffs formation will be produced. 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.

As Sub-Operator of the deep rights, Texas National Petroleum Company, formerly Johnston Oil and Gas Company, will file a drilling program of its own pertaining to the rights below the base of the Mesaverde formation.

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

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

Samuel Smith  
Ass't. Manager  
Lease Department

SS:RDJ:nb

cc: Attached Sheet

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 United States Geological Survey and Oil Conservation Commission.

APPROVED: \_\_\_\_\_  
Oil Conservation Commission

DATE: \_\_\_\_\_

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

The foregoing approvals are for the 1957 Drilling Program for the Rincon Unit,  
Rio Arriba County, New Mexico.

299  
11 1 52  
El Paso Natural Gas Company

El Paso, Texas

January 8, 1957

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

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

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

*file*

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on October 22, 1956, on December 12, 1956, on December 18, 1956 and on December 19, 1956, that four (4) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, had been completed upon acreage committed to this unit.

These wells are as follows:

1. The Rincon Unit #59 Well, located 1650' from the South line and 1645' from the East line of Section 24, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on September 25, 1956, and completed on October 15, 1956, at a total depth of 3227' in the Pictured Cliffs formation. On October 13, 1956, the Pictured Cliffs formation from 3134' to 3166' was treated with a sand-water fracturing process. After being shut-in for seven (7) days, the well was tested on October 22, 1956, and following a three hour blow-down period gauged 1797 MCFGPD through a 3/4" choke and 1949 MCFGPD by the calculated absolute open flow method, with an SIPC of 941#, and an SIPT of 941#.
2. The Rincon Unit #60 Well, located 1090' from the North line and 1645' from the East line of Section 25, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on October 11, 1956, and completed on December 4, 1956, at a total depth of 3283' in the Pictured Cliffs formation. On December 3, 1956, the Pictured Cliffs formation from 3220' to 3246'

was treated with a sand-water fracturing process. After being shut-in for eight days, the well was tested on December 12, 1956, and following a three hour blow-down period guaged 3105 MCFGPD through a 3/4" choke and 4193 MCFGPD by the calculated absolute open flow method, with an SIPC of 948#, and an SIPT of 948#.

3. The Rincon Unit #61 Well, located 1058' from the North line and 1088' from the East line of Section 30, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on October 20, 1956, and completed on December 7, 1956, at a total depth of 3204' in the Pictured Cliffs formation. On December 6, 1956, the Pictured Cliffs formation from 3091' to 3110' and 3132' to 3150' was treated with a sand-water fracturing process. After being shut-in for seven days, the well was tested on December 18, 1956, and following a three hour blow-down period guaged 1993 MCFGPD through a 3/4" choke and 2028 MCFGPD by the calculated absolute open flow method, with an SIPC of 1012# and an SIPT of 1012#.
4. The Rincon Unit #62 Well, located 1024' from the South line and 990' from the East line of Section 28, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on October 28, 1956, and completed on December 11, 1956, at a total depth of 3262', in the Pictured Cliffs formation. On December 9, 1956, the Pictured Cliffs formation from 3168' to 3182', 3189' to 3199' and 3225' to 3239', was treated with a sand-water fracturing process. After being shut in for eight days, the well was tested on December 19, 1956, and following a three hour blow-down period guaged 2389 MCFGPD through a 3/4" choke and 2445 MCFGPD by the calculated absolute open flow method, with an SIPC of 1051#, and an SIPT of 1051#.

The acreage upon which the Rincon Unit #59 and #61 Wells are located was included in the Fifth Expanded Participating Area for the Pictured Cliffs formation, effective June 1, 1954, the acreage upon which the Rincon Unit #60 Well is located was included in the Fourth Expanded Participating Area for the Pictured Cliffs formation, effective December 1, 1953, and the acreage upon which the Rincon Unit #62 Well is located was included in the Seventh Expanded Participating Area for the Pictured Cliffs formation, effective January 1, 1955. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VI for the Fifth Expanded Participating Area, Schedule V for the Fourth Expanded Participating Area, and Schedule VIII for the Seventh Expanded Participating Area remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:nn

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. Bert Fields  
1211 Fidelity Union Life Building  
Dallas, Texas

Mr. W. C. McMahan  
P. O. Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

299

# El Paso Natural Gas Company

El Paso, Texas

December 3, 1956

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

*file*

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

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

Re: Rincon Unit Area, I Sec. No. 916  
NOTICE OF COMPLETION OF ADDITIONAL  
WELLS, PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on November 1, 1956, that three (3) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation, had been completed upon acreage committed to this Unit.

These wells are as follows:

1. The Rincon Unit #58 Well, located 990' from the South line and 890' from the West line of Section 24, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on October 2, 1956, and completed on October 9, 1956, at a total depth of 3318' in the Pictured Cliffs formation. On October 20, 1956, the Pictured Cliffs formation from 3232' to 3256' was treated with a sand-water fracturing process. After being shut-in for eleven days, the well was tested on November 1, 1956, and following a three hour blow-down period gauged 3732 MCFGPD through a 3/4" choke and 5842 MCFGPD by the calculated absolute open flow method, with an SIPC of 959#, and an SIPT of 959#.

2. The Rincon Unit #64 Well, located 1650' from the North line and 1190' from the East line of Section 23, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on September 9, 1956, and completed on September 17, 1956, at a total depth of 3190' in the Pictured Cliffs formation. On October 23, 1956, the Pictured Cliffs formation from 3118' to 3132' was treated with a sand-water fracturing process. After being shut-in for seven days, the well was tested on November 1, 1956, and following a three hour blow-down period gauged 2394 MCFGPD through a 3/4" choke and 2643 MCFGPD by the calculated absolute open flow method, with an SIPC of 990#, and an SIPT of 992#.
  
3. The Rincon Unit #65 Well, located 990' from the South line and 1650' from the East line of Section 23, Township 27 North, Range 7 West, Rio Arriba County, New Mexico, was spudded on September 18, 1956, and completed on September 24, 1956, at a total depth of 3200' in the Pictured Cliffs formation. On October 17, 1956, the Pictured Cliffs formation from 3112' to 3148' was treated with a sand-water fracturing process. After being shut-in for fourteen days, the well was tested on November 1, 1956, and following a three hour blow-down period gauged 6077 MCFGPD through a 3/4" choke and 21,482 MCFGPD by the calculated absolute open flow method, with an SIPC of 954#, and an SIPT of 953#.

The acreage upon which the Rincon Unit #58 and #64 Wells are located was included in the Fifth Expanded Participating Area for the Pictured Cliffs formation, effective June 1, 1954, and the acreage upon which the Rincon Unit #65 Well is located was included in the Third Expanded Participating Area for the Pictured Cliffs formation, effective November 1, 1953. Therefore, the Participating Area is not enlarged, and the percentages allocated to the tracts shown on Schedule VI for the Fifth Expanded Participating Area and Schedule IV for the Third Expanded Participating Area remain the same.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By   
Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:nb

cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. Bert Fields  
1211 Fidelity Union Life Building  
Dallas, Texas

Mr. W. C. McMahan  
P. O. Box 631  
Houston 2, Texas

Mr. A. V. Jones  
Albany, Texas

Mr. Homer R. Stazney  
Albany, Texas

EXHIBIT "B"

Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

1	T-27-N, R-6-W Sec. 17: SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18: SE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$	520.00	SF 079052 7-1-48 5 years	U.S.A. 12.5% All	J. R. Sharp Ralph A. Johnston	( $\frac{1}{2}$ ) ( $\frac{1}{2}$ ) Petro-Minerals, Inc. Robert Norman Dumble Jr.	1.4097% Gas Rights to base of Mesa- verde Formation: El Paso Natural Gas Co. All
						E. W. Ingram .0326%	
						T. J. Ahern .2352%	Gas Rights below Mesaverde
						E. F. Kalb .0544%	Formation and all Oil Rights:
						A. W. Ashley .0168%	Texas National Petroleum Co.
						James A. Williams .0335%	All
						South Texas National	
						Bank of Houston, Trustee .0240%	
						Waters S. Davis, Jr. .0479%	
						Gladys D. Davis .0240%	
						L. A. Nordon .0959%	
						R. E. Beamon III .0872%	
						Alma Beamon Anderson .5352%	
						R. E. Beamon 1.0423%	
						William Ray Kitchel .0275%	
						Texas National	
						Petroleum Co. .5913%	
						Gladys Watford .1187%	
						Ralph A. Johnston .0739%	
						V. A. Johnston .0739%	
						Mrs. Willie Johnston .0739%	
						Mrs. Lillie Leona Rogers .0246%	
						Orville Curtis Rogers .0246%	
						First Nat'l. Bank of Fort Worth, Trustee for Eula May Johnston .2956%	
						Mrs. Veva Jean Gibbard .0246%	

*Rincon Unit*

EXHIBIT "B"

Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
In All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

2	T-26-N, R-7-W	1920.80	SF 079160	U.S.A.	R. E. Beamon	(1/6) National Cooperative	Gas Rights to base of Mesa-Verde Formation:
	Sec. 1: All		5-1-48	12.5% All	Ralph A. Johnston	(5/12) Refinery Association	El Paso Natural Gas Co. All
	Sec. 11: All		5 years		J. R. Sharp	(5/12) Charles L. Jenkins	
	Sec. 12: All					Kwel H. Stone	.250%
						B. W. Wooley	.250%
						Texas National Petroleum Company	.375%
						R. E. Beamon	.250%
						Alma Beamon Anderson	.125%
						Petro-Minerals, Inc.	1.000%
							10.000%

3	T-27-N, R-7-W	320.00	SF 079298	U.S.A.	J. R. Sharp	(1/2) E. P. Ripley	.5416% Gas Rights to base of Mesa-
	Sec. 13: S 1/2		7-1-48	12.5% All	Ralph A. Johnston	(1/2) Alice S. Leck	.8333% Verde Formation:
			5 years			Robert Wollard	.8333% El Paso Natural Gas Co. All
						First Nat'l. Bank of Fort Worth, Trustee for	
						Eula May Johnston	.14050%
						Mrs. Veva Jean Gibbard	.01171%
						Ralph A. Johnston	.03513%
						V. A. Johnston	.03512%
						Mrs. Willie Johnston	.03512%
						Mrs. Lillie Leona Rogers	.01171%
						Orville Curtis Rogers	.01171%
						Gladys Watford	.0557%
						T. J. Ahern	.2352%
						E. W. Ingram	.0327%
						E. F. Kalb	.0544%
						A. W. Ashley	.0168%
						R. N. Dumble, Jr.	.0327%
						Texas Nat'l. Pet. Co.	.5727%

Gas Rights below Mesaverde Formation and all Oil Rights:  
Texas National Pet. Co. All



Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

5 Continued

	Gladys Watford			.0557%			
	T. J. Ahern			.2352%			
	E. W. Ingram			.0327%			
	Petro-Minerals, Inc.			.7799%			
	Robert N. Dumble, Jr.			.0327%			
	E. F. Kalb			.0544%			
	A. W. Ashley			.0168%			
	Jas. A. Williams			.0336%			
	South Texas Nat'l.						
	Bank of Houston,						
	trustee			.0240%			
	Waters S. Davis, Jr.			.0479%			
	Gladys D. Davis			.0240%			
	L. A. Nordon			.0959%			
	R. E. Beamon III			.0871%			
	Wm. Ray Kitchell			.0275%			
	Alma Beamon Anderson			.1394%			
	R. E. Beamon			.2512%			
				<u>5.0000%</u>			

6	T-27-N, R-7-W	760.00	SF 079298-D	U.S.A.	J. R. Sharp	( $\frac{1}{2}$ )	E. P. Ripley	Gas Rights to base of Mesaverde Formation:
	Sec. 13: N $\frac{1}{2}$		7-1-48	12.5% All	Ralph A. Johnston( $\frac{1}{2}$ )		Alice S. Leck	El Paso Natural Gas Co. All
	Sec. 14: NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$		5 years				Ann H. Wollard,	
	Sec. 24: S $\frac{1}{2}$						Executrix	

	Texas Nat'l. Pet. Co.	.5727%						Gas Rights below Mesaverde Formation and all Oil Rights:
	Gladys Watford	.0557%					First Nat'l. Bank of	Texas National Pet. Co. All
	Fort Worth, Trustee for							
	Eula May Johnston	.14050%						
	Mrs. Veva Jean Gibbard	.01171%						
	Ralph A. Johnston	.03513%						
	V. A. Johnston	.03512%						
	Mrs. Willie Johnston	.03512%						
	Mrs. Lillie Leona Rogers	.01171%						
	Orville Curtis Rogers	.01171%						

EXHIBIT "B"

Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

6 (Continued)

Robert Norman Dumble, Jr.  
 .0327%  
 Petro-Minerals, Inc.  
 .7799%  
 T. J. Ahern  
 .2352%  
 E. W. Ingram  
 .0327%  
 K. F. Kalb  
 .0544%  
 A. W. Ashley  
 .0168%  
 Jas. A. Williams  
 .0336%  
 South Texas National Bank of Houston, trustee  
 .0240%  
 Waters S. Davis, Jr.  
 .0479%  
 Gladys D. Davis  
 .0240%  
 L. A. Nordan  
 .0959%  
 R. E. Beamon III  
 .0871%  
 Wm. Ray Kitchel  
 .0275%  
 Alma Beamon Anderson  
 .1394%  
 R. E. Beamon  
 .2512%  
5.0000%

7 T-26-N, R-6-W 161.81 SF 079301 U.S.A. Ralph A. Johnston(5/12)Petro-Minerals, Inc. 1.50% Gas Rights to base of Mesaverde Formation:  
 Sec. 6: Lots 3,4,5, SE $\frac{1}{4}$ NW $\frac{1}{4}$  5-1-48 12.5% All R. E. Beamon (1/6) Coy Lindsey 1.00% El Paso Natural Gas Co. All  
 J. R. Sharp (5/12)J. Felix Hickman Miss D. Franklin 1.00%

Gas Rights below Mesaverde Formation and all Oil Rights:  
 Texas National Pet. Co. 5/6  
 R. E. Beamon 1/6

8 T-26-N, R-6-W 161.35 SF 079301-A U.S.A. Ralph A. Johnston(5/12)Petro-Minerals, Inc. 1.50% Gas Rights to base of Mesaverde Formation:  
 Sec. 6: Lots 6, 7, E $\frac{1}{2}$ SW $\frac{1}{4}$  5-1-48 12.5% All R. E. Beamon (1/6) Coy Lindsey 1.00% El Paso Natural Gas Co. All  
 J. R. Sharp (5/12)J. Felix Hickman Miss D. Franklin Jones 1.00%

Gas Rights to base of Mesaverde Formation:  
 El Paso Natural Gas Co. All

Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>FEDERAL LANDS</u>							
8	(Continued)						
9	T-26-N, R-6-W Sec. 6: Lots 1, 2, S½NE¼	160.48	SF 079302 4-1-48 5 years	U.S.A. 12.5% All	Ralph A. Johnston(5/12) R. E. Beamon (1/6) J. R. Sharpe (5/12)	Texas Nat. Pet. Co. 2.5% Miss D. Franklin Jones 2.5% 5.0%	Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. All  Gas Rights below Mesaverde Formation and all Oil Rights: Texas Nat. Pet. Co. 5/6 R. E. Beamon 1/6
10	T-26-N, R-6-W Sec. 6: SE¼	160.00	SF 079302-B 4-1-48 5 years	U.S.A. 12.5% All	Ralph A. Johnston(5/12) R. E. Beamon (1/6) J. R. Sharpe (5/12)	Texas Nat. Pet. Co. 2.5% Miss D. Franklin Jones 2.5% 5.0%	Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. All  Gas Rights below Mesaverde Formation and all Oil Rights: Texas National Pet. Co. 5/6 R. E. Beamon 1/6
11	T-27-N, R-7-W Sec. 25: All	640.00	SF 079321 7-1-49 5 years	U.S.A. 12.5% All	J. R. Sharp (1/2) Ralph A. Johnston(1/2)	Texas Nat. Pet. Co. 2.7797% T. J. Ahern 2.352% E. W. Ingram .0653% E. F. Kaib .0544% R. E. Beamon III .0871% Petro-Minerals, Inc. .7813% A. W. Ashley .0168% Jas. A. Williams .0336%	Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. All  Gas Rights below Mesaverde Formation and all Oil Rights: Texas National Pet. Co. All
							Bank of Houston, trustee Waters S. Davis, Jr. .0240% .0479%

**EXHIBIT "B"**  
Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest	
<b>FEDERAL LANDS</b>								
11 (Continued)								
11						Gladys D. Davis	.0240%	
						L. A. Nordan	.0959%	
						Alma Beamon Anderson	.1394%	
						R. E. Beamon	.2513%	
						Wm. Ray Kitchel	.0275%	
						Gladys Watford	.0559%	
						First National Bank of Fort Worth, Trustee for Rula May Johnston.	.1404%	
						Mrs. Veva Jean Gibbard		
							.0117%	
						Ralph A. Johnston	.0351%	
						V. A. Johnston	.0351%	
						Mrs. Willie Johnston	.0351%	
						Mrs. Lillie Leona Rogers	.0117%	
						Orville Curtis Rogers	.0117%	
							5.0000%	
12	T-27-N, R-7-W	800.00	SF 079360	U.S.A.	El Paso Natural Gas Company	M. A. Romero	3%	Gas Rights to base of Mesaverde Formation:
	Sec. 15: E $\frac{1}{2}$		10-1-48	12.5% All		L. C. Oldham, Jr.	2%	El Paso Natural Gas Co. All
	Sec. 22: NE $\frac{1}{4}$		5 years				5%	
	Sec. 23: N $\frac{1}{2}$							
13	T-27-N, R-6-W	2560.54	SF 079364	U.S.A.	Ralph A. Johnston(5/12)As to this Description	J. R. Sharp	5.00%	Gas Rights to base of Mesaverde Formation:
	Sec. 28: All		8-1-48	12.5% All		(5/12) Sec. 28: SE/4SE/4	7.50%	El Paso Natural Gas Co. All
	Sec. 29: All		5 years			(1/6) Mona Stewart		
	Sec. 30: All							
	Sec. 31: All							
						Mike Abraham	5.00%	Gas Rights below Mesaverde Formation and all Oil Rights:
						Riasan Co.	1.25%	Texas National Pet. Co. 5/6
						Petro-Minerals, Inc.	1.25%	R. E. Beamon 1/6
							7.50%	

Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>FEDERAL LANDS</u>							
13	(Continued)						
						Sec. 29: All	
						Mike Abraham	4.33%
						Riasan Co.	1.08%
						Petro-Minerals, Inc.	1.583%
						Mercantile Nat'l Bank of Dallas, Trustee of	
						The Frederick Eugene Turner Trust	.125%
						John Lee Turner Trust	.125%
						James Glenn Turner, Jr., Trust	.125%
						Elizabeth Jeanne Turner, Trust	.125%
						<u>7.500%</u>	
						Sec. 30: All	
						Mike Abraham	4.33%
						Riasan Co.	1.085%
						Sam Dazzo	.50%
						Martin A. Treet	.50%
						Petro-Minerals, Inc.	1.085%
						<u>7.500%</u>	
						Sec. 31: All	
						Mike Abraham	5.00%
						Riasan Co.	1.25%
						Petro-Minerals, Inc.	1.25%
						<u>7.50%</u>	
						Sec. 28: S/2	.1070%
						Sec. 29: N/2	.1070%
						Sec. 30: S/2	.1070%
						Sec. 31: S/2	.1070%
						Wilbur E. Hess	.1070%
						Earl G. Fridley	.1070%
						Douglas E. Johnston	.1070%
						James E. Mayor	.1070%
						E. W. Ingram	.2140%
						Jack Neveleff	.1070%
						John L. Lancaster, Jr.	.1070%
						Petro-Minerals, Inc.	.1070%

**EXHIBIT "B"**  
Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

13 (Continued)

First Nat'l. Bank of  
Fort Worth, Trustee for  
Eula May Johnston .160999%  
Mrs. Veva Jean Gibbard  
.01342%  
Ralph A. Johnston .04025%  
V. A. Johnston .04025%  
Mrs. Willie Johnston .04025%  
Mrs. Millie Leona  
Rogers .01342%  
Orville Curtis Rogers. 01342%  
Homer E. Ley .2140%  
James S. Carroll .1070%  
E. F. Kalb .2675%  
Texas Nat'l. Pet. Co.. 3220%  
Alma Beamon Anderson .1611%  
R. E. Beamon .3222%  
R. E. Beamon III .0537%  
W. B. Rawson .0535%  
C. E. Wademan .0535%  
Carl W. Vogt .0535%  
Betty B. Meade .1070%  
3.0000%

As to this Description:

Sec. 22: NE/4, Gas Rights to base of Mesaverde  
NE/4 SE/4 Formation:  
EI Paso Natural Gas Co. All  
Mike Abraham Sec. 23: All Gas Rights below Mesaverde  
Riasan Co. 1.25% Formation and all Oil Rights:  
Petro-Minerals, Inc. 1.25% Texas National Pet. Co. 5/6  
Sec. 22: NE/4, NE/4SE/4 R. E. Beamon 1/6  
Sec. 23: N/2

14 T-27-N, R-6-W 840.00 SF 079365-A U.S.A. EI Paso Natural Gas Company  
Sec. 22: NE/4, 8-1-48 12.5% All  
NE/4SE/4 5 years  
Sec. 23: All

Wilbur E. Hess .0803%  
Earl G. Fridley .1070%  
Douglas E. Johnston .1070%

**EXHIBIT "B"**  
Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

14 (Continued)

James E. Mavor .1070%  
 E. W. Ingram .2140%  
 Jack Neveleff .1070%  
 John L. Lancaster, Jr. .1070%  
 Homer E. Ley .2140%  
 Petro-Minerals, Inc. .1070%  
 First Nat'l. Bank of  
 Fort Worth, Trustee for  
 Eula May Johnston .16099%  
 Mrs. Veva Jean  
 Gibbard .01342%  
 Ralph A. Johnston .04025%  
 V. A. Johnston .04025%  
 Mrs. Willie Johnston .04025%  
 Mrs. Lillie Leona  
 Rogers .01342%  
 Orville Curtis Rogers .01342%  
 Charles S. Alexander .0268%  
 James S. Carroll .1070%  
 E.F. Kalb .2675%  
 Texas Nat'l. Pet. Co. .3220%  
 Alma Beamon Anderson .1968%  
 R. E. Beamon .3935%  
 R. E. Beamon III .0537%  
 W. B. Rawson .0535%  
 C. E. Wademan .0535%  
 Carl W. Vogt .0535%  
3.00000%

As to this Description:

15 T-27-N, R-6-W

959.40

SF 079366

U.S.A.  
12.5% All

Ralph A. Johnston(5/12)  
 J. R. Sharp (5/12)  
 R. E. Beamon (1/6)

Sec. 19: S/2  
 Sec. 21: S/2  
 Sec. 22: W/2 W/2,

Gas Rights to base of Mesaverde  
 Formation:  
 El Paso Natural Gas Co. All

Sec. 19: S/2  
 Sec. 21: S/2  
 Sec. 22: SE $\frac{1}{4}$ SW $\frac{1}{4}$ ,  
 W $\frac{1}{2}$ W $\frac{1}{2}$ ,  
 S $\frac{1}{2}$ SE $\frac{1}{4}$

SE $\frac{1}{4}$ SW $\frac{1}{4}$ ,  
 S $\frac{1}{2}$ SE $\frac{1}{4}$

Sec. 27: NE $\frac{1}{4}$ SE $\frac{1}{4}$

Gas Rights below Mesaverde  
 Formation and all Oil Rights:

Sec. 27: NE $\frac{1}{4}$ SE $\frac{1}{4}$

Texas Nat. Pet. Co.

5/6  
1/6

**EXHIBIT "B"**  
 Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
 in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<b>FEDERAL LANDS</b>							
15	(Continued)						
						Mike Abraham	5.00%
						Riasan Co.	1.25%
						Petro-Minerals, Inc.	1.25%
						Sec. 19: S/2	
						Sec. 21: S/2	
						Sec. 22: W/2 SW/4, SE/4 SE/4	
						Sec. 27: NE/4 SE/4	
						Wilbur E. Hess	.1070%
						Earl G. Fridley	.1070%
						Douglas E. Johnston	.1070%
						James E. Mavor	.1070%
						E. W. Ingram	.2140%
						Jack Neveleff	.1070%
						William Ray Kitchel	.0275%
						Petro-Minerals, Inc.	.1070%
						First Nat'l. Bank of Fort Worth, Trustee for Eula May Johnston	.16099%
						Mrs. Vera Jean Gibbard	.01342%
						Ralph A. Johnston	.04025%
						V. A. Johnston	.04025%
						Mrs. Willie Johnston	.04025%
						Mrs. Lillie Leona Rogers	.01342%
						Orville Curtis Rogers	.01342%
						John L. Lancaster, Jr.	.1070%
						Homer E. Ley	.2140%
						James S. Carroll	.1070%
						E. F. Kalb	.2675%
						Texas Nat. Pet. Co.	.3220%

**EXHIBIT "B"**  
Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

15 (Continued)

15a	T-27-N, R-6-W	1599.32	SF 079366	U.S.A.			
	Sec. 19: N/2		8-1-48	12.5% All			
	Sec. 20: All		5 years				
	Sec. 21: N/2						
	Sec. 27: N/2						

As to this Description:

- Mike Abraham 5.00%
- Riasan Co. 1.25%
- Petro-Minerals, Inc. 1.25%

Sec. 20: N/2

- Same ORRI as Tract 15.
- Wilber E. Hess .1070%
- Karl G. Fridley .1070%
- Douglas E. Johnston .1070%
- James E. Mavor .1070%
- E. W. Ingram .2140%
- Jack Neveleff .1070%
- William Ray Kitchel .0275%
- Petro-Minerals, Inc. .1070%
- John L. Lancaster, Jr. .1070%
- Homer E. Ley .2140%
- James S. Carroll .1070%
- E. F. Kalb .2675%
- Texas Nat. Pet. Co. .3220%
- Alma Beamon Anderson .1968%
- R. E. Beamon .3660%
- R. E. Beamon III .0537%
- W. B. Rawson .0535%
- C. E. Wademan .0535%
- Carl W. Vogt .0535%

Gas Rights to base of Mesaverde Formation:

EI Paso Natural Gas Co. All

Gas Rights below Mesaverde Formation and all Oil Rights:

Texas Nat. Pet. Co. All

Carl W. Vogt  
First Nat'l. Bank of  
Fort Worth, Trustee for  
Eula May Johnston .16099%

**EXHIBIT "B"**  
 Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
 in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

15a (Continued)

						Mrs. Veva Jean	
						Gibbard	.01342%
						Ralph A. Johnston	.04025%
						V. A. Johnston	.04025%
						Mrs. Willile Johnston	.04025%
						Mrs. Lillile Leona	
						Rogers	.01342%
						Orville Curtis Rogers	.01342%

As to this Description:

16	T-27-N, R-6-W	920.00	SF 079367-A	U.S.A.	Ralph A. Johnston(5/12)	Sec. 26: All	Gas Rights to base of Mesaverde Formation:
	Sec. 26: All		8-1-48	12.5% All	J. R. Sharp (5/12)	SW/4,	El Paso Natural Gas Company All
	Sec. 27: SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$		5 years		R. E. Beamon (1/6)	SE/4 SE/4, W/2 SE/4	Gas Rights below Mesaverde Formation and all Oil Rights: Texas Nat. Pet. Co. 5/6

Sec. 26: N/2  
 Sec. 27: SE/4 SE/4,  
 W/2 SE/4

Robert Norman	.1070%
Dumble, Jr.	.0803%
Wilbur E. Hess	.1070%
Karl G. Fridley	.1070%
Douglas E. Johnston	.1070%
James E. Mavor	.1070%
E. W. Ingram	.1070%
Jack Neveleff	.1070%
John L. Lancaster, Jr.	.1070%
Charles S. Alexander	.0268%
Homer E. Ley	.2140%
James S. Carroll	.1070%
E. F. Kalb	.2675%
Petro-Minerals, Inc.	.1070%

EXHIBIT "B"  
Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

16 (Continued)

						First Nat'l. Bank of Fort Worth, Trustee for Eula May Johnston .16099% Mrs. Veva Jean Gibbard.01342% Ralph A. Johnston .04025% V. A. Johnston .04025% Mrs. Willie Johnston .04025% Mrs. Lillie Leona Rogers .01342% Orville Curtis Rogers.01342% Texas Nat. Pet. Co. .3220% Alma Beamon Anderson .1968% R. E. Beamon .3935% R. E. Beamon III .0537% W. B. Rawson .0535% C. E. Wademan .0535% Carl W. Vogt .0535% 3.000000%	
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17 T-27-N, R-6-W

	Sec. 18: Lots 1, 2, 3, 4	157.76	SF 079404-A	U.S.A.	Ben R. Howell	Ben R. Howell .25% Allen Grambling .25% Thornton Hardie .25% John A. Grambling .10% Wm. B. Hardie .10% R. H. Feuille .05%	As to this Description: Lot 1 - El Paso Natural Gas All Lots 2,3,4 - Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. All
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18	T-27-N, R-7-W Sec. 28: S1 Sec. 33: All Sec 34: W1/2	1280.00	SF 080213	U.S.A.	El Paso Natural Gas Company	Albuquerque Nat'l. Bank H. K. Riddle, Co-Trustees Under Trust Indenture dated 2-21-53, between H.K. Riddle & Edena Riddle & Abq. Nat'l Bk.	Gas Rights to base of Mesaverde Formation: El Paso Natural Gas Co. All 5%
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Lots 2,3,4 - Gas Rights below  
 Mesaverde Formation and all Oil  
 Rights:  
 Wood River Oil & Ref. Co, Inc. 7/8  
 Rock Hill Oil Company 1/8

**EXHIBIT "B"**  
 Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
 in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest	
<b>FEDERAL LANDS</b>								
<b>18 (Continued)</b>								
19	T-27-N, R-7-W Sec. 22: SE $\frac{1}{4}$ Sec. 23: S $\frac{1}{2}$ Sec. 26: A11 Sec. 27: E $\frac{1}{2}$ , SW $\frac{1}{4}$ Sec. 34: E $\frac{1}{2}$ Sec. 35: A11	2560.00	SF 080385 7-1-51 5 years	U.S.A. 12.5% A11	EI Paso Natural Gas Company	R. E. Beamon Alma Beamon Anderson Texas Nat. Pet. Co. Houston E. Hill Benjamin R. Mancou Petro-Minerals, Inc. Oroco Oil & Gas Co.	.2500% .1250% .3750% .250% .250% 3.083% .667%	Gas Rights to base of Mesaverde Formation: EI Paso Natural Gas Co. A11 Gas Rights below Mesaverde Formation and all Oil Rights: Texas Nat. Pet. Co. 5/6 R. E. Beamon 1/6
20	T-27-N, R-7-W Sec. 14: E $\frac{1}{2}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$	360.00	NM 012209 7-1-48 5 years	U.S.A. 12.5% A11	W. A. Kernaghan	Petro-Minerals, Inc. Robert Norman Dumble, Jr. E.P. Ripley Alice S. Leck Ann H. Wollard, Executrix Texas Nat. Pet. Co. Gladys Watford T. J. Ahern E.W. Ingram E. F. Kalb A. W. Ashley Jas. A. Williams So. Texas National Bank of Houston, Trustee Waters S. Davis, Jr. Gladys D. Davis L. A. Nordan R. E. Beamon III Wm. Ray Kitchel	.7799% .0327% .5416% .8333% .8333% .5727% .0557% .2352% .0327% .0544% .0168% .0336% .0240% .0479% .0240% .0959% .0871% .0275%	Gas Rights to base of Mesaverde Formation: EI Paso Natural Gas Co. A11 Gas Rights below Mesaverde Formation and all Oil Rights: Delhi - Taylor Oil Corp. A11

**EXHIBIT "B"**  
Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under
							Option Agreement, Operating Agreement or Assignment and Percentage of Interest

FEDERAL LANDS

20 (Continued)

						Alma Beamon Anderson	.1394%	
						R. E. Beamon	.2512%	
						First Nat'l. Bank of Fort Worth, Trustee for Eula May Johnston.	.14050%	
						Mrs. Veva Jean Gibbard	.01171%	
						Ralph A. Johnston	.03513%	
						V. A. Johnston	.03512%	
						Mrs. Willie Johnston	.03512%	
						Mrs. Lillie Leona Rogers	.01171%	
						Orville Curtis Rogers.	.01171%	
						W. A. Kernaghan	1% to $\frac{1}{2}$ % upon payment of \$25.00 per acre.	

21	T-27-N, R-6-W	600.00	NM 013654	U.S.A.	Robert Storey, Jr.	Robert Norman	.0327%	Gas Rights to base of Mesaverde Formation:
	Sec. 17: N $\frac{1}{2}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$		7-1-48	12.5% All		Dumble, Jr.	.0327%	El Paso Natural Gas Co. All
	Sec. 18: NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$		5 years			Robert Storey, Jr.	1% to $\frac{1}{2}$ % upon payment of \$25.00 per acre.	Gas Rights below Mesaverde Formation and all Oil Rights: Delhi-Taylor Oil Corp. All

						E. W. Ingram	.0327%	
						T. J. Ahern	.2352%	
						E. F. Kalb	.0544%	
						A. W. Ashley	.0168%	
						James A. Williams	.0335%	
						So. Texas National Bank of Houston, Trustee	.0240%	
						Waters S. Davis, Jr.	.0479%	
						Gladys D. Davis	.0240%	
						L. A. Nordan	.0959%	
						R. E. Beamon III	.0872%	

**EXHIBIT "B"**  
**Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement**

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>FEDERAL LANDS</u>							
21	(Continued)						
						Alma Beamon Anderson .5352%	
						R. E. Beamon 1.0423%	
						William Ray Kitchel .0275%	
						Texas Nat. Pet. Co. .5913%	
						Gladys Watford .1187%	
						First Nat'l. Bank of Fort Worth, Trustee for Eula May Johnson .2956%	
						Mrs. Veva Jean Gibbard .0246%	
						Ralph A. Johnston .0739%	
						V. A. Johnston .0739%	
						Mrs. Willie Johnston .0739%	
						Mrs. Lillie Leona Rogers.0246%	
						Orville Curtis Rogers.0246%	
						Petro-Minerals, Inc. 1.4097%	

Federal Tracts 17,921.56 acres or 86.82% of Unit Area

EXHIBIT "B"  
Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>NEW MEXICO STATE LEASES</u>							
22	T-27-N, R-7-W Sec. 36: SW $\frac{1}{4}$	160.00	E-289-29 5-2-45 10 years	State of New Mexico 12.5% All	EI Paso Natural Gas Company	Francis L. Harvey 4.00% J. I. Harvey, et ux 1.00%	Gas Rights to base of Mesaverde Formation: EI Paso Natural Gas Co. All  Gas Rights below Mesaverde Formation and all Oil Rights: Texas Nat'l. Pet. Co. 5/6 R. E. Beamon 1/6
23	T-27-N, R-6-W Sec. 32: E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ T-27-N, R-7-W Sec. 36: S $\frac{1}{2}$ NE $\frac{1}{4}$	200.00	E-290-3 5-2-45 10 years	State of New Mexico 12.5% All	Southern Petroleum Exploration, Inc.	None	Southern Petroleum Exploration, Inc. All
24	T-27-N, R-6-W Sec. 16: W $\frac{1}{2}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 32: SE $\frac{1}{4}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ T-27-N, R-7-W Sec. 36: E $\frac{1}{2}$ SE $\frac{1}{4}$	640.00	E-290-28 5-2-45 10 years	State of New Mexico 12.5% All	EI Paso Natural Gas Company	As to this Description: T-27-N, R-6-W Sec. 16: W/2, W/2 SE/4, SE/4 SW/4 Joe G. Harvey, et ux 10.00% T-27-N, R-6-W Sec. 32: SE/4 SW/4, W/2 NE/4 T-27-N, R-7-W Sec. 36: E/2 SE/4 Malco Refineries, Inc. 5.00%	Gas Rights to base of Mesaverde Formation: EI Paso Natural Gas Co. All  Gas Rights below Mesaverde Formation and all Oil Rights: Texas Nat. Pet. Co. All
25	T-27-N, R-6-W Sec. 16: NE $\frac{1}{4}$ Sec. 32: W $\frac{1}{2}$ W $\frac{1}{2}$ , SE $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$ T-27-N, R-7-W Sec. 36: W $\frac{1}{2}$ SE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{4}$	880.00	E-290-28 5-2-45 10 years	State of New Mexico 12.5% All	EI Paso Natural Gas Company	T-27-N, R-6-W Sec. 16: NE/4 Francis L. Harvey 2.50% Graham H. Brown 2.50% T-27-N, R-6-W Sec. 32: E/2 NE/4, SE/4, SW/4	Gas Rights to base of Mesaverde Formation: EI Paso Natural Gas Co. All  Gas Rights below Mesaverde Formation and all Oil Rights: Texas Nat. Pet. Co. 5/6 R. E. Beamon 1/6

**EXHIBIT "B"**  
Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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NEW MEXICO STATE LEASES

25 (Continued)

T-27-N, R-7-W  
Sec. 36: NW/4, W/2  
SE/4  
Francis L. Harvey 4.00%  
J. I. Harvey, et ux 1.00%

26 T-26-N, R-7-W  
Sec. 2: E $\frac{1}{2}$

320.76 E-291-3  
5-2-45  
10 years  
State of New Mexico  
12.5% All

None  
Southern Petroleum Exploration, Inc. All

27 T-26-N, R-7-W  
Sec. 2: NW $\frac{1}{4}$

160.68 E-291-35  
5-2-45  
10 years  
State of New Mexico  
12.5% All

EI Paso Natural Gas Company  
Malco Refineries, Inc. 5%

Gas Rights to base of Mesaverde Formation:  
EI Paso Natural Gas Co. All  
Gas Rights below Mesaverde Formation and all Oil Rights:  
Texas Nat. Pet. Co. All

28 T-26-N, R-7-W  
Sec. 2: SW $\frac{1}{4}$

160.00 E-291-35  
5-2-45  
10 years  
State of New Mexico  
12.5% All

EI Paso Natural Gas Co. Francis L. Harvey 4.00%  
J. I. Harvey, et ux 1.00%

Gas Rights below Mesaverde Formation and all Oil Rights:  
Texas Nat. Pet. Co. 5/6  
R. E. Beamon 1/6

29 T-27-N, R-6-W  
Sec. 16: NE $\frac{1}{4}$ SE $\frac{1}{4}$

40.00 E-6443-4  
8-14-52  
5 years  
State of New Mexico  
12.5% All

EI Paso Natural Gas Company  
John N. Eddy 5.00%

Gas Rights to base of Mesaverde Formation:  
EI Paso Natural Gas Co. All  
Gas Rights below Mesaverde Formation and all Oil Rights:  
Texas Nat. Pet. Co. All

EXHIBIT "B"  
Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests  
in All Lands in the Rincon Unit Agreement

Tract No.	Description	No. of acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Lessee of Record	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
30	T-27-N, R-6-W Sec. 22: E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$	160.00	Patented 3-11-46	Edwin H. Kamie 8.33% Geo. N. Kamie 4.17%	EI Paso Natural Gas Company	C. H. Nye 2.000000% C. C. Peters 2.000000% R. L. Crockett, et ux 1.750000% Doris Elaine Mims a feme sole 1.41667% Texas Nat. Pet. Co. 5.333333%	Gas Rights to base of Mesaverde Formation: EI Paso Natural Gas Co. All Gas Rights below Mesaverde Formation and all Oil Rights: Texas Nat. Pet. Co. All

Patented Lands 160.00 acres or 0.77% of Unit Area

RECAPITULATION

Land	Acres in Unit	Percentage of Unit Area
Federal	17,921.46	86.82%
State	2,561.44	12.41%
Patented	160.00	.77%
<b>TOTAL</b>	<b>20,642.90</b>	<b>100.00%</b>

# El Paso Natural Gas Company

El Paso, Texas

December 11, 1956

*file*

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

Re: Rincon Unit Area  
Rio Arriba County, New Mexico  
I Sec. No. 916  
APPROVAL OF FIFTH EXPANDED  
PARTICIPATING AREA  
Mesaverde Formation  
Effective August 1, 1956

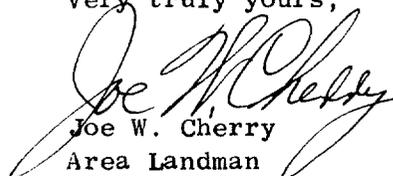
Gentlemen:

This is to advise that the Fifth Expanded Participating Area for the Mesaverde Formation, Rincon Unit, was approved as follows:

- (1) Acting Director, United States Geological Survey, December 4, 1956.
- (2) Commissioner of Public Lands of the State of New Mexico, October 16, 1956.
- (3) Oil Conservation Commission of the State of New Mexico, October 17, 1956.

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

Very truly yours,

  
Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:cr

cc: Attached List

# El Paso Natural Gas Company

El Paso, Texas

October 9, 1956

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

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

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

Re: Rincon Unit Area  
I Sec. No. 916  
NOTICE OF COMPLETION OF  
ADDITIONAL WELL  
Mesaverde Formation

Gentlemen:

Pursuant to Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, determined on September 18, 1956, that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to this unit.

This well is as follows:

The Rincon Unit #81 Well, located 1360' from the South line and 1948' from the West line of Section 17, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on August 24, 1956, and completed on September 10, 1956, at a total depth of 5345' in the Mesaverde Formation. The Cliff House section of the Mesaverde Formation between 4570' and 4586' 4606' and 4621', and 4652' and 4670' was treated with a sand-water fracturing process. The Point Lookout section of the Mesaverde Formation between 5088' and 5098', 5112' and 5122' and 5188' and 5196' was also treated with a sand-water fracturing process. After being shut-in for gauge eight (8) days, the well was tested on September 18, 1956, and following a three hour blow-down gauged 3304 MCFGPD by the choke volume method and 5217 MCFGPD by the calculated absolute open flow method with an SIPC of 1107# and an SIPT of 1061#.

The acreage upon which this well is located was included in the Fourth Expanded Participating Area for the Mesaverde Formation, effective May 1, 1956. Therefore, the Participating Area is not enlarged and the percentages allocated to the tracts shown on Schedule V for the Fourth Expanded Participating Area remain the same.

A copy of this letter is being sent to each of the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By  \_\_\_\_\_  
Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:cr

cc: Attached List

*El Paso Natural Gas Company*

*El Paso, Texas*

October 30, 1956

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

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

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

Re: Rincon Unit Area  
Rio Arriba County, New Mexico  
I Sec. No. 916  
FIFTH EXPANDED PARTICIPATING AREA  
Mesaverde Formation  
Effective August 1, 1956

Gentlemen:

We are enclosing herewith Schedule VI showing the Fifth Expanded Participating Area for the Mesaverde Formation of the Rincon Unit Area. This is a corrected copy of Schedule VI. A forty (40) acre omission was made on the original Schedule.

Please insert this corrected copy where necessary in your files, and destroy the previous schedule of allocation.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

  
Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:cr  
cc: Attached List

Rincon Unit

Copies of the foregoing letter have been sent to the following Working Interest Owners:

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

Mr. R. E. Beamon  
346 Esperson Building  
Houston 2, Texas

Mr. Jack Martin  
Delhi-Taylor Oil Corporation  
823 Corrigan Tower  
Dallas 1, Texas

Mr. Paul W. Neuenschwander  
Southern Petroleum Exploration, Inc.  
Post Office Box 192  
Sistersville, West Virginia

Wood River Oil and Refining Co., Inc.  
321 West Douglas Street  
Wichita 2, Kansas

Rock Hill Oil Company  
408 Olive Street  
St. Louis, Missouri

Mr. J. Glenn Turner  
1711 Mercantile Bank Building  
Dallas 1, Texas

Mr. Bert Fields  
1211 Fidelity Union Life Building  
Dallas, Texas

Mr. W. C. McMahan  
P. O. Box 631  
Houston 2, Texas

A. V. Jones  
Albany, Texas

Homer R. Stazney  
Albany, Texas

SCHEDULE VI  
FIFTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND PERCENTAGE		PERCENTAGE COMMITTED		PRESENT ACTUAL PARTICIPATION		
				PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE			
SF 079052	T-27-N, R-6-W Sec. 17: W/2 SE/4, SE/4 SE/4, SW/4 Sec. 18: SE/4, E/2 SW/4	520.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	Tract 1						
				12.50%	12.50%			8.55674%		
				82.50%	82.50%					
				5.00%	5.00%					
TOTAL				100.00%	100.00%					
Tract 3										
SF 079298	T-27-N, R-7-W Sec. 13: S/2	320.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	Tract 3						
				12.50%	12.50%			5.26569%		
				82.50%	82.50%					
				5.00%	5.00%					
TOTAL				100.00%	100.00%					
Tract 4										
SF 079298-A	T-27-N, R-7-W Sec. 14: NW/4	160.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	Tract 4						
				12.50%	12.50%			2.63284%		
				74.06%	74.06%					
				13.44%	13.44%					
TOTAL				100.00%	100.00%					

Effective August 1, 1956

SCHEDULE VI  
FIFTH EXPANDED PARTICIPATING AREA FOR THE MESAVARDE FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
				PERCENTAGE	PERCENTAGE		
<u>Tract 6</u>							
SF 079298-D	T-27-N, R-7-W Sec. 13: N/2 Sec. 14: NE/4 SW/4, S/2 SW/4	440.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	12.50%	12.50%	82.50% 5.00%	<u>7.24032%</u>
<u>Tract 14</u>							
SF 079365-A	T-27-N, R-6-W Sec. 22: NE/4, NE/4 SE/4	520.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	12.50%	12.50%	77.00% 10.50%	<u>8.55674%</u>
<u>Tract 14</u>							
SF 079365-A	T-27-N, R-6-W Sec. 23: S/2	320.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	12.50%	12.50%	80.00% 7.50%	<u>5.26569%</u>
<u>Tract 14</u>							
TOTAL				100.00%	100.00%	100.00%	

Effective August 1, 1956

SCHEDULE VI  
 FIFTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
 RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>Tract 15</u>							
SF 079366	T-27-N, R-6-W	440.00					<u>7.24032%</u>
	Sec. 21: S/2		Royalty;		12.50%	12.50%	
	Sec. 22: W/2 SW/4, SE/4 SE/4		Working Interest;		77.00%	77.00%	
			El Paso Natural Gas Co.;		10.50%	10.50%	
			ORRI;		100.00%	100.00%	
			TOTAL				
							<u>2.63284%</u>
	T-27-N, R-6-W	160.00					
	Sec. 22: W/2 NW/4, SE/4 SW/4, SW/4 SE/4		Royalty;		12.50%	12.50%	
			Working Interest;		80.00%	80.00%	
			El Paso Natural Gas Co.;		7.50%	7.50%	
			ORRI;		100.00%	100.00%	
			TOTAL				
							<u>5.26569%</u>
<u>Tract 15-A</u>							
SF 079366	T-27-N, R-6-W	320.00					
	Sec. 20: N/2		Royalty;		12.50%	12.50%	
			Working Interest;		77.00%	77.00%	
			El Paso Natural Gas Co.;		10.50%	10.50%	
			ORRI;		100.00%	100.00%	
			TOTAL				
							<u>15.78588%</u>
	T-27-N, R-6-W	959.32					
	Sec. 19: N/2		Royalty;		12.50%	12.50%	
	Sec. 20: S/2		Working Interest;		80.00%	80.00%	
	Sec. 21: N/2		El Paso Natural Gas Co.;		7.50%	7.50%	
			ORRI;		100.00%	100.00%	
			TOTAL				

Effective August 1, 1956

SCHEDULE VI  
FIFTH EXPANDED PARTICIPATING AREA FOR THE MESAVARDE FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
				PERCENTAGE	PERCENTAGE		
SF 079404-A	T-27-N, R-6-W Sec. 18: Lots 1, 2, 3, 4	157.76	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	12.50%	12.50%	86.50% 1.00%	<u>2.59598%</u>
Tract 17							
	TOTAL			<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	
Tract 20							
NM 012209	T-27-N, R-7-W Sec. 14: E/2, NW/4 SW/4	360.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	12.50%	12.50%	81.50% 6.00%	<u>5.92390%</u>
Tract 21							
	TOTAL			<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	
Tract 21							
NM 013654	T-27-N, R-6-W Sec. 17: N/2, NE/4 SE/4 Sec. 18: NE/4, E/2 NW/4	600.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	12.50%	12.50%	81.50% 6.00%	<u>9.87316%</u>
Tract 21							
	TOTAL			<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	

Effective August 1, 1956

SCHEDULE VI  
FIFTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION  
RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT			
							ACTUAL PARTICIPATION			
E-290-28	T-27-N, R-6-W Sec. 16: W/2, W/2 SE/4, SE/4 SE/4	440.00	Royalty;		12.50%	12.50%	<u>7.24032%</u>			
			Working Interest:							
			El Paso Natural Gas Co.;	77.50%	77.50%					
			ORRI;	10.00%	.00%					
			TOTAL	100.00%	90.00%					
			<u>Tract 24</u>							
E-290-28	T-27-N, R-6-W Sec. 16: NE/4	160.00	Royalty;		12.50%	12.50%	<u>2.63284%</u>			
			Working Interest:							
			El Paso Natural Gas Co.;	82.50%	82.50%					
			ORRI;	5.00%	5.00%					
			TOTAL	100.00%	100.00%					
			<u>Tract 25</u>							
E-6443-4	T-27-N, R-6-W Sec. 16: NE/4 SE/4	40.00	Royalty;		12.50%	12.50%	<u>.65821%</u>			
			Working Interest:							
			El Paso Natural Gas Co.;	82.50%	82.50%					
			ORRI;	5.00%	5.00%					
			TOTAL	100.00%	100.00%					
			<u>Tract 29</u>							

SCHEDULE VI  
 FIFTH EXPANDED PARTICIPATING AREA FOR THE MESAVERT DE FORMATION  
 RINCON UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK AND	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT
							ACTUAL PARTICIPATION
Patented	T-27-N, R-6-W Sec. 22: E/2 NW/4, NE/4 SW/4, NW/4 SE/4	160.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50%	75.00%	2.63284%
			TOTAL	Tract 30	100.00%	100.00%	

SCHEDULE VI  
 FIFTH EXPANDED PARTICIPATING AREA FOR THE MESAVERTDE FORMATION  
 RINCON UNIT AREA

RECAPITULATION

Description of lands in Participating Area:  
 Township 27 North, Range 6 West, N.M.P.M.  
 Section 16: All  
 Section 17: All  
 Section 18: All  
 Section 19: Lots 1,2, E/2 NW/4, NE/4  
 Section 20: All  
 Section 21: All  
 Section 22: All  
 Section 23: All  
 Township 27 North, Range 7 West, N.M.P.M.  
 Section 13: All  
 Section 14: All

Total Number of Acres in Participating Area:	6,077.08
Percent of Basic Royalty Interest Committed:	100.00%
Percent of Working Interest Committed:	100.00%
Percent of O.R.R.I. Committed:	99.27117%

# El Paso Natural Gas Company

El Paso, Texas

October 19, 1956

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

Re: Rincon Unit Area  
Rio Arriba County, New Mexico  
I Sec. No. 916, APPROVAL OF THIRD  
AND FOURTH EXPANDED PARTICIPATING  
AREA - Mesaverde Formation  
Effective April 1, 1956 and May 1, 1956  
Respectively

Gentlemen:

This is to advise that the Third Expanded Participating Area for the Mesaverde Formation, Rincon Unit, was approved as follows:

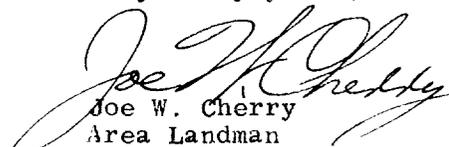
- (1) Acting Director, United States Geological Survey, September 14, 1956.
- (2) Commissioner of Public Lands of the State of New Mexico, July 18, 1956.
- (3) Oil Conservation Commission of the State of New Mexico, October 17, 1956.

The Fourth Expanded Participating Area for the Mesaverde Formation, Rincon Unit, was approved as follows:

- (1) Acting Director, United States Geological Survey, September 14, 1956.
- (2) Commissioner of Public Lands of the State of New Mexico, July 18, 1956.
- (3) Oil Conservation Commission of the State of New Mexico, October 17, 1956.

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

Very truly yours,

  
Joe W. Cherry  
Area Landman  
Lease Department

JWC:RDJ:cr  
cc: Attached List