

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 5, 1979

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

Attention: James R. Permenter

Re: Case No. 299
Rincon Unit
Fourth Expanded Participating
Area for the Chacra Formation

Gentlemen:

We hereby approve the Fourth Expanded Participating Area for the Chacra 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.

Two approved copies of the Expanded Participating Area are herewith returned.

Yours very truly,

JOE D. RAMEY
Director

JDR/LT/fd
enc.

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

C
O
P
Y

February 16, 1979

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

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

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

*No. 299
Approved*

Re: Rincon Unit I Sec. No. 916,
Rio Arriba, County, New Mexico
APPLICATION FOR APPROVAL OF THE
FOURTH EXPANDED PARTICIPATING AREA,
Chacra Formation, Effective October 1, 1978

Gentlemen:

Pursuant to the provisions of Section 11 of the Rincon Unit Agreement I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests approval of the Fourth Expanded Participating Area for the Chacra Formation, to wit:

FOURTH EXPANDED PARTICIPATING AREA - Effective October 1, 1978

<u>Description of Lands</u>	<u>Acres</u>
<u>Township 26 North, Range 7 West, N.M.P.M.</u> Section 12: SE/4	160.00

[Faint stamp: RECEIVED, OIL CONSERVATION COMMISSION]

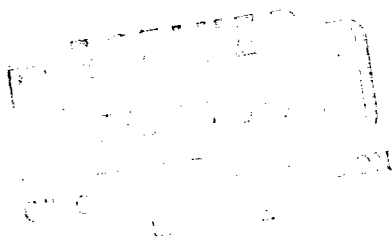
This proposed Fourth Expanded Participating Area for the Chacra Formation is predicated upon the determination by El Paso Natural Gas Company, as Unit Operator, that the Rincon Unit #212 Chacra Well is capable of producing unitized substances in paying quantities from the Chacra Formation, which determination is based on the following:

The Rincon Unit #212 Well, located 1000' from the South line and 975' from the East line of Section 12, Township 26 North, Range 7 West, N.M.P.M., was spudded on August 17, 1978, and completed on September 29, 1978 at a plugged back total depth of 3378'. The Chacra Formation in the intervals 3654', 3655', 3656', 3657', 3658', 3659', 3660', 3661', 3662', 3663', 3664', 3665', 3666', 3667', 3668', 3669', 3670', 3671', 3672', 3673', 3674', 3675', 3676', 3714', 3715', 3716', 3717', 3718', 3719', 3720', 3740', 3741', 3742', 3743', 3744', 3745', 3746', 3747', 3748', 3749', 3750', 3751', 3752', 3753', 3754', 3755', and 3756' was treated with a sand-water fracturing process on September 13, 1978. The well was shut-in on September 22, 1978, and after being shut-in for seven (7) days, the Chacra Formation was tested on September 29, 1978 with an after frac guage of 647 MCF/D, and with an SIPC of 1018 psia. The spacing unit for this well is described as SE/4 of Section 12, Township 26 North, Range 7 West, containing 160.00 acres. Listed below is production obtained from said well during the first three months:

<u>Operating Month</u>	<u>Monthly Volume (Mcf)</u>	<u>Producing Days</u>	<u>Producing Rate (Mcf/D)</u>
November, 1978	5,474	18.0	304
December, 1978	5,362	31.1	<u>172</u>
January, 1979	3,530	24.4	<u>145</u>

Attached hereto is Schedule V showing the proposed Fourth Expanded Participating Area for the Chacra Formation in the Rincon Unit Area. This Schedule describes the Participating Area, shows the percentage of unitized substances allocated to the unitized tract, and the percentages of ownership in the tract.

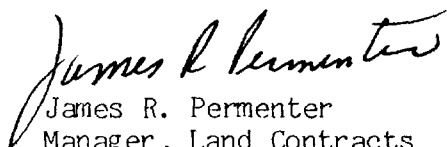
If this Fourth Expanded Participating Area of the Chacra Formation meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.



Regulatory Agencies
February 16, 1979
Page 3

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

Very truly yours,


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

JRP:RHN:pw
Enclosures
Rincon Unit 4.5

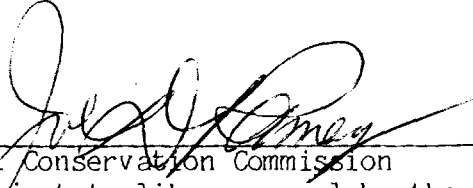
cc: Mr. Antonio Martinez
Executive Director
New Mexico Oil and Gas Accounting Commission
Post Office Box 2308
Santa Fe, New Mexico 87501

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

DATE: _____

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

DATE: _____

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

DATE: March 6, 1979

The foregoing approvals are for the Rincon Unit I Sec. 916, Rio Arriba County,
New Mexico Fourth Expanded Participating Area, Chacra Formation, Effective
October 1, 1978.

RINCON UNIT
Working Interest Owners

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Continental Oil Company

Tenneco Oil Company

Frederick Eugene **Turner**

James Glenn Turner, Jr., Individually and as Trustee

John Lee Turner

The Wiser Oil Company

SCHEDULE V
 FOURTH EXPANDED PARTICIPATING AREA FOR THE CHACRA FORMATION
 RINCON UNIT AREA

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE	
F 079160	T-26-N, R-7-W	480.00			60.00000%
	Sec. 11: NW/4				
	Sec. 12: NW/4, SE/4				
	TOTAL				
			<u>TRACT 2</u>		
	Royalty		12.50%	12.50%	
	Working Interest:				
	E1 Paso Natural Gas Co.		82.50%	82.50%	
	ORRI		5.00%	5.00%	
	TOTAL		<u>100.00%</u>	<u>100.00%</u>	
			<u>TRACT 18</u>		
F 080213	T-27-N, R-7-W	320.00			40.00000%
	Sec. 28: SE/4				
	Sec. 33: SW/4				
	TOTAL				
	Royalty:		12.50%	12.50%	
	Working Interest:				
	E1 Paso Natural Gas Co.		82.50%	82.50%	
	ORRI		5.00%	5.00%	
	TOTAL		<u>100.00%</u>	<u>100.00%</u>	

Effective October 1, 1978

SCHEDULE V
FOURTH EXPANDED PARTICIPATING AREA FOR THE CHACRA FORMATION
RINCON UNIT AREA

RECAPITULATION:

Description of lands in Participating Area:

Township 26 North, Range 7 West, N.M.P.M.
Section 11: NW/4
Section 12: NW/4, SE/4

Township 27 North, Range 7 West, N.M.P.M.
Section 28: SE/4
Section 33: SW/4

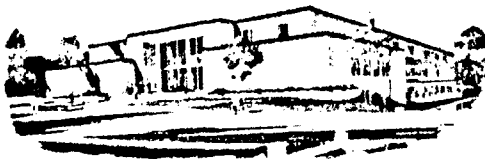
Total number of acres in Participating Area:	800.00
Total number of acres committed to Participating Area:	800.00
Percent of Basic Royalty Committed:	100.00%
Percent of Working Interest Committed:	100.00%
Percent of ORRI Committed:	100.00%

Effective October 1, 1978

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

March 1, 1979

RECEIVED
MAR 2 1979
Oil Conservation

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

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

Mo. 299

Re: Rincon Unit
Rio Arriba, County, New Mexico
APPLICATION FOR APPROVAL OF THE
FOURTH EXPANDED PARTICIPATING AREA,
Chacra Formation, Effective October 1,
1978

ATTENTION: Mr. James R. Permenter

Gentlemen:

The Commissioner of Public Lands has this date approved the Fourth Expanded Participating Area, Chacra Formation, for the Rincon Unit, Rio Arriba, County, New Mexico. This Fourth Expanded Participating Area covers the SE/4 of Section 12, Township 26 North, Range 7 West, a total of 160.00 Acres.

Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

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

AJA/RDG/s
encl.
cc:

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

January 23, 1979

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

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

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

Gentlemen:

The 1979 Drilling Program for the below listed units were approved by the regulatory bodies on the dates indicated:

<u>Unit</u>	<u>USGS</u>	<u>CPL</u>	<u>OCC</u>
540 San Juan 27-5	1-17-79	1-10-79	1-11-79
553 San Juan 28-5	1-17-79	N/A	1-11-79
445 San Juan 28-7	1-17-79	1-10-79	1-11-79
493 San Juan 30-6	1-17-79	1-10-79	1-11-79
498 San Juan 32-9	1-17-79	1-10-79	1-16-79
541 Canyon Largo	1-17-79	1-10-79	1-11-79
✓299 Rincon	1-17-79	1-10-79	1-11-79

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

Very truly yours,



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

RHN:pw
SJ 27-5, 3.0; SJ 28-5, 3.0; SJ 28-7, 3.0;
SJ 30-6, 3.0; SJ 32-9, 3.0; Canyon Largo, 3.0;
Rincon, 3.0
Attachment

RINCON UNIT
Working Interest Owners

Burton-Hawks, Inc.

Continental Oil Company

Tenneco Oil Company

Mr. J. Glenn Turner

The Wiser Oil Company

RINCON UNIT

Working Interest Owners

Burton-Hawks, Inc.

Continental Oil Company

Tenneco Oil Company

Mr. J. Glenn Turner

The Wiser Oil Company



United States Department of the Interior

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

JAN 19 1979

El Paso Natural Gas Company
Attention: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79978

no 299

Gentlemen:

Your application of October 30, 1978, requesting approval of the sixteenth revision of the Dakota participating area for the Rincon unit agreement, Rio Arriba County, New Mexico, was approved on this date by the Oil and Gas Supervisor, U. S. Geological Survey, effective as of September 1, 1978.

The sixteenth revision adds 960 acres, described as sec. 11 and the W $\frac{1}{2}$ sec. 12, T. 26 N., R. 7 W., N.M.P.M., which enlarges the Dakota participating area to 19,543.94 acres. This revision is based on the completion of unit well No. 231 in the SW $\frac{1}{4}$ sec. 12, T. 26 N., R. 7 W., N.M.P.M., on September 26, 1978, for an after-frac gauge of 738 MCF of gas per day.

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

Sincerely yours,

(ORIG SCD.) JAMES W. SUTHERLAND

Oil and Gas Supervisor, SRMA

Enclosures (3)

cc:
BLM, Santa Fe (1tr. only)
Com. Pub. Lands, Santa Fe (1tr. only)
NMOCD, Santa Fe (1tr. only)



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

JAN 17 1979

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

No. 299

Gentlemen:

Three approved copies of your 1979 plan of development for the Rincon unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing the drilling of four Mesaverde wells and one Pictured Cliffs/Mesaverde well, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

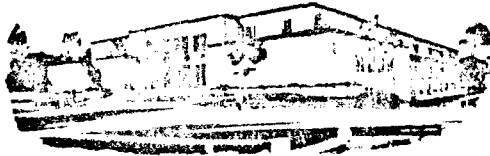
(ORIG. SGD.) JAMES W. SUTHERLAND

Oil and Gas Supervisor, SRMA

Enclosures (3)

CC:
NMOCD, Santa Fe (1tr. only) ← This Copy for
Com. Pub. Lands, Santa Fe (1tr. only)

State of New Mexico



Commissioner of Public Lands

January 10, 1979

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

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

No. 299

Re: Rincon Unit
Rio Arriba County, New Mexico
1979 DRILLING PROGRAM

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1979 Drilling Program for the Rincon Unit, Rio Arriba County, New Mexico. Such plan provides for the drilling of wells 108A, 100A, 99A, 135A and 88A. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

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

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

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

AJA/RDG/s
encl.
cc:

OCD-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

December 6, 1978

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

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

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

No. 299

Re: Rincon Unit
Rio Arriba County, New Mexico
APPROVAL OF THE THIRD
EXPANSION OF THE CHACRA
FORMATION

Gentlemen:

This is to advise that the captioned Expansion for the Rincon Unit was approved by the Regulatory Bodies on the following dates:

United States Geological Survey	December 5, 1978
Commissioner of Public Lands	August 21, 1978
Oil Conservation Division	November 2, 1978

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

Yours very truly,

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

RHN:pw
Rincon 4.5

CH General

RINCON UNIT
Working Interest Owners

Burton-Hawks, Inc.

Continental Oil Company

Tenneco Oil Company

Mr. J. Glenn Turner

The Wiser Oil Company

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 11, 1979

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

Attention: D. N. Canfield

Re: Case No. 299
Rincon Unit
1979 Drilling Program

Gentlemen:

We hereby approve the 1979 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.

One approved copy of the Drilling Program is returned herewith.

Yours very truly,

JOE D. RAMEY
Director

JDR/LT/fd
enc.

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

C

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January 4, 1979

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

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

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

*Approved
no. 299*

Re: Rincon Unit I Sec. No. 916
Rio Arriba County, New Mexico
1979 DRILLING PROGRAM

Gentlemen:

By letter dated January 11, 1978, El Paso Natural Gas Company, as Unit Operator of the Rincon Unit I Sec. No. 916 filed a Drilling Program covering the subject Unit for the calendar year 1978. This Program provided for the drilling of Chacra Well #212, Dakota Well #231 and Mesaverde Wells #79A, 81A, 97A, 29A and 83A. Chacra Well #212 has been drilled and is currently being evaluated to determine whether it is capable of producing unitized substances in paying quantities so as to cause an expansion of the Chacra Formation Participating Area. Dakota Well #231 was completed as a well capable of producing unitized substances in paying quantities, causing the Sixteenth Expansion of the Dakota Formation Participating Area. All of the Mesaverde Wells were infill wells and were timely drilled and completed.

As of this date, the total number of wells in the Rincon Unit I Sec. No. 916 is as follows:

JAN - 11 1979
COMPLETED

January 4, 1979

Chacra (being evaluated)	1
Pictured Cliffs	106
Chacra	4
Mesaverde	21
Dual, Pictured Cliffs/Mesaverde	8
Dual, Mesaverde/Dakota	6
Mesaverde, Non-Commercial	7
Dakota	46
Gallup/Dakota (Gallup--plugged; Dakota--non-commercial)	1
Tocito (oil)	1
	<u>201</u>

Pursuant to Section 10 of the Rincon Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following wells during the calendar year 1979.

<u>Well No.</u>	<u>Drilling Block or Spacing Unit</u>	<u>Formation</u>
108A	E/2 Sec. 19, T-27-N, R-6-W	Mesaverde
100A	E/2 Sec. 26, T-27-N, R-6-W	Mesaverde
99A	N/2 Sec. 27, T-27-N, R-6-W	Mesaverde
135A	N/2 Sec. 29, T-27-N, R-6-W	PC/MV
88A	E/2 Sec. 13, T-27-N, R-7-W	Mesaverde

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

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

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

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

Very truly yours,

D N Canfield

D. N. Canfield
Director of Land
Energy Resource Development

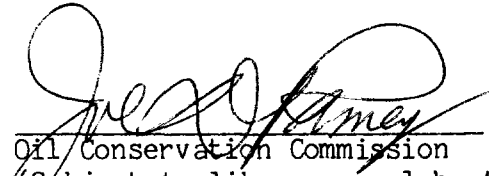
DNC:RHN:pw
Attachments
Rincon Unit, 3.0

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

DATED: _____

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

DATED: _____

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

DATED: 1/11/79

The foregoing approvals are for the 1979 Drilling Program for the Rincon Unit I
Sec. No. 916, Rio Arriba County, New Mexico.

RINCON UNIT
Working Interest Owners

Burton-Hawks, Inc.

Continental Oil Company

Tenneco Oil Company

Mr. J. Glenn Turner

The Wiser Oil Company



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

DEC 5 1978

El Paso Natural Gas Company
Attention: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79973

No. 299

Gentlemen:

The third revision of the Chacra participating area of the Rincon unit, I-Sec. No. 916, Rio Arriba County, New Mexico, was approved on this date by the Oil and Gas Supervisor, SRMA, U. S. Geological Survey, effective as of October 1, 1977.

The third Chacra revision adds 160 acres described as the SE $\frac{1}{4}$ of sec. 23, T. 27 N., R. 7 W., N.M.P.M., thereby enlarging the Chacra participating area to 640 acres. Such revision is based on information obtained by the completion of unit well No. 220 located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 23 as a commercial well. Unit well No. 220 was completed on September 29, 1977, for a flow of 869 MCFGPD from the Chacra interval of 3,684 to 4,103 feet.

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

Sincerely yours,

Orig. signed by *[Signature]*
Oil and Gas Supervisor, SRMA

Enclosures (3)

cc: BLM, Santa Fe (1tr. only)
NMOCD, Santa Fe (1tr. only)-
Com. Pub. Lands, Santa Fe (1tr. only)

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 7, 1978

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

Attention: James R. Permenter

Re: Case No. 299
Rincon Unit
Sixteenth Expanded
Participating Area,
Dakota Formation

Gentlemen:

We hereby approve the Sixteenth Expanded Participating Area for the 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.

One approved copy of the Expanded Participating Area is returned herewith.

Yours very truly,

JOE D. RAMEY
Director

JDR/LT/fd
enc.

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

C

O

P

Y

El Paso NATURAL GAS
COMPANY

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

October 30, 1978

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

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

*Approve
no. 299*

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

Re: Rincon Unit, I Sec. 916
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE
SIXTEENTH EXPANDED PARTICIPATING
AREA, DAKOTA FORMATION
Effective September 1, 1978

Gentlemen:

Pursuant to the provisions of Section 11 of the Rincon Unit Agreement, I Sec. No. 916, approved February 27, 1952, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests approval of the Sixteenth Expanded Participating Area for the Dakota Formation, to wit:

SIXTEENTH EXPANDED PARTICIPATING AREA - Effective September 1, 1978

<u>Description of Lands</u>	<u>Acres</u>
<u>Township 26 North, Range 7 West N.M.P.M.</u>	
Section 11: All	640.00
Section 12: W/2	320.00

October 30, 1978

Page 2

The proposed Sixteenth Expanded Participating Area of the Dakota Formation is predicated upon the determination by El Paso Natural Gas Company, as Unit Operator, that the Rincon Unit #231 well is capable of producing unitized substances in paying quantities from the Dakota formation.

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

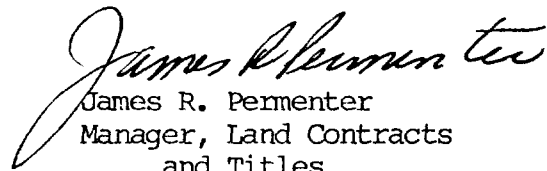
- EXHIBIT "B" - Geological Report on the Sixteenth Expanded Participating Area of the Dakota Formation within the Rincon Unit.
- EXHIBIT "C" - Plate No. 1: Rincon Unit Dakota Structure Map.
- Plate No. 2: Rincon Unit Dakota Isopach Map.
- EXHIBIT "D" - Table 1: Dakota production and deliverability.

Attached hereto is Schedule XVII that shows the proposed Sixteenth Expanded Participating Area for the Dakota Formation in the Rincon Unit Area. This Schedule describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

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

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

Very truly yours,



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

JRP:RHN:pw
Enclosures
Rincon Unit 4.3

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

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

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

APPROVED:  _____ DATE: 11/7/78
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 Sixteenth Expanded Participating Area of the Dakota Formation, Rincon Unit I Sec. No. 916, Rio Arriba County, New Mexico.

RINCON UNIT
Working Interest Owners

Burton-Hawks, Inc.

Continental Oil Company

Tenneco Oil Company

Mr. J. Glenn Turner

The Wiser Oil Company

SCHEDULE XVII
 SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
 RINCON UNIT AREA

TRACT NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
79052	T-27-N, R-6-W Sec. 17: SW/4, W/2 SE/4, SE/4 SE/4 Sec. 18: SE/4, E/2 SW/4	520.00	Royalty	12.50%	12.50%	<u>2.709481%</u>
			Working Interest:			
			EI Paso Natural Gas Co.	82.50%	82.50%	
			ORRI	5.00%	5.00%	
TOTAL				<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 1</u>						
79160	T-26-N, R-7-W Sec. 1: Lots 1,2,3,4, S/2 N/2, S/2 (A11) Sec. 11: A11 Sec. 12: A11	1920.80	Royalty	12.50%	12.50%	<u>10.008405%</u>
			Working Interest:			
			EI Paso Natural Gas Co.	82.50%	82.50%	
			ORRI	5.00%	5.00%	
TOTAL				<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 2</u>						
79298	T-27-N, R-7-W Sec. 13: Lots 1,2, 5,4,5,6, 7,8 (S/2)	536.22	Royalty	12.50%	12.50%	<u>1.751383%</u>
			Working Interest:			
			EI Paso Natural Gas Co.	82.50%	82.50%	
			ORRI	5.00%	5.00%	
TOTAL				<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 3</u>						
379298-A	T-27-N, R-7-W Sec. 14: NW/4	160.00	Royalty	12.5000%	12.5000%	<u>•833686%</u>
			Working Interest:			
			EI Paso Natural Gas Co.	74.0625%	74.0625%	
			ORRI	13.4375%	13.4375%	
TOTAL				<u>100.0000%</u>	<u>100.0000%</u>	
<u>TRACT 4</u>						

SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

F 079298-C T-27-N, R-7-W 352.07 0.000000%

Sec. 24: Lots 1,2, 3,4,5,6,7, 8 (N/2)

Royalty
Working Interest:
Bert Fields
ORRI

TOTAL 100.00%

TRACT 5

F 079298-D T-27-N, R-7-W 768.76 4.005654%

Sec. 13: N/2
Sec. 14: Lots 7,9,10 (S/2 SW/4, NE/4 SW/4)
Sec. 24: Lots 9,10,11, 12,13,14,15, 16 (S/2)

Royalty
Working Interest:
El Paso Natural Gas Co.
ORRI

TOTAL 100.00%

TRACT 6

F 079301 T-26-N, R-6-W 161.81 .843117%

Sec. 6: Lots 3,4,5, SE/4 NW/4

Royalty
Working Interest:
El Paso Natural Gas Co.
ORRI

TOTAL 100.00%

TRACT 7

F 079301-A T-26-N, R-6-W 161.35 .840720%

Sec. 6: Lots 6,7, E/2 SW/4

Royalty
Working Interest:
El Paso Natural Gas Co.
ORRI

TOTAL 100.00%

TRACT 8

SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACT PARTICIPATI
			OWNERSHIP	PERCENTAGE		

SF 079302 T-26-N, R-6-W 160.48 83618

Sec. 6: Lots 1,2,
S/2 NE/4

Royalty 12.50% 12.50%

Working Interest:

El Paso Natural Gas Co. 82.50%

ORRI 5.00%

TOTAL 100.00% 100.00%

TRACT 10

SF 079302-B T-26-N, R-6-W 160.00 83368

Sec. 6: SE/4

Royalty 12.50% 12.50%

Working Interest:

El Paso Natural Gas Co. 82.50%

ORRI 5.00%

TOTAL 100.00% 100.00%

TRACT 11

SF 079321 T-27-N, R-7-W 656.48 3.42061E

Sec. 25: Lots 1,2,3,
4,5,6,7,8,
E/2

Royalty 12.50% 12.50%

Working Interest:

El Paso Natural Gas Co. 82.50%

ORRI 5.00%

TOTAL 100.00% 100.00%

TRACT 12

SF 079360 T-27-N, R-7-W 800.00 4.16843

Sec. 15: E/2 12.50% 12.50%

Sec. 22: NE/4 82.50%

Sec. 23: N/2 5.00%

ORRI 5.00%

TOTAL 100.00% 100.00%

Effective September 1, 1978

SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACT PARTICIPAT	
			OWNERSHIP	PERCENTAGE			
SF 079364	T-27-N, R-6-W	1309.42				6.822785%	
	Sec. 28: N/2		Royalty	12.50%	12.50%		
	Sec. 29: S/2		Working Interest:				
	Sec. 30: N/2		El Paso Natural Gas Co.	80.00%	80.00%		
	Sec. 31: N/2		ORRI	7.50%	7.50%		
	TOTAL			100.00%	100.00%		
	TRACT 13						
SF 079365-A	T-27-N, R-6-W	520.00				2.709481%	
	Sec. 22: NE/4, NE/4 SE/4		Royalty	12.50%	12.50%		
	Sec. 23: N/2		Working Interest:				
			El Paso Natural Gas Co.	77.00%	77.00%		
			ORRI	10.50%	10.50%		
	TOTAL			100.00%	100.00%		
	TRACT 14						
SF 079365-A	T-27-N, R-6-W	320.00				1.667373%	
	Sec. 23: S/2		Royalty	12.50%	12.50%		
			Working Interest:				
			El Paso Natural Gas Co.	80.00%	80.00%		
			7.50%	7.50%			
			100.00%	100.00%			

SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACTING PARTICIPATION
			OWNERSHIP	PERCENTAGE	
F 079366	T-27-N, R-6-W	959.40			<u>4.9989928</u>
	Sec. 19: Lots 3,4, SE/4, E/2 SW/4		Royalty	12.50%	
	Sec. 21: S/2		Working Interest:	77.00%	
	Sec. 22: SE/4 SW/4, W/2 W/2, S/2 SE/4 Sec. 27: NE/4 SE/4		El Paso Natural Gas Co. ORRI	10.50% 100.00%	
			TOTAL		
			<u>TRACT 15</u>		
F 079366	T-27-N, R-6-W	1279.32			<u>6.6659488</u>
	Sec. 19: Lots 1,2, E/2 NW/4, NE/4		Royalty	12.50%	
	Sec. 20: S/2		Working Interest:	80.00%	
	Sec. 21: N/2 Sec. 27: N/2		El Paso Natural Gas Co. ORRI	7.50% 100.00%	
			TOTAL		
			<u>TRACT 15-A</u>		
F 079366	T-27-N, R-6-W	320.00			<u>1.6673738</u>
	Sec. 20: N/2		Royalty	12.50%	
			Working Interest:	77.00%	
			El Paso Natural Gas Co. ORRI	10.50% 100.00%	
			TOTAL		
			<u>TRACT 16</u>		
F 079367-A	T-27-N, R-6-W	480.00			<u>2.5010598</u>
	Sec. 26: S/2		Royalty	12.50%	
	Sec. 27: SW/4		Working Interest:	80.00%	
			El Paso Natural Gas Co. ORRI	7.50% 100.00%	
			TOTAL		

SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION	
			OWNERSHIP	PERCENTAGE			
F 079367-A	T-27-N, R-6-W	440.00					
	Sec. 26: N/2		Royalty	12.50%	12.50%	<u>2.292637%</u>	
	Sec. 27: W/2 SE/4, SE/4 SE/4		Working Interest: El Paso Natural Gas Co. ORRI	77.00% 10.50%	77.00% 10.50%		
			TOTAL	<u>100.00%</u>	<u>100.00%</u>		
			<u>TRACT 16</u>				
F 079404-A	T-27-N, R-6-W	157.76					
	Sec. 18: Lots 1,2,3,4		Royalty	12.50%	12.50%	<u>•822015%</u>	
			Working Interest: El Paso Natural Gas Co. ORRI	86.50% 1.00%	86.50% 1.00%		
			TOTAL	<u>100.00%</u>	<u>100.00%</u>		
			<u>TRACT 17</u>				
F 080385	T-27-N, R-7-W	2325.09					
	Sec. 22: SE/4		Royalty	12.50%	12.50%	<u>12.114974%</u>	
	Sec. 23: Lots 1,2,3,4, SW/4 (S/2)		Working Interest: El Paso Natural Gas Co. ORRI	82.50% 5.00%	82.50% 5.00%		
	Sec. 26: Lots 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 (A11)		TOTAL	<u>100.00%</u>	<u>100.00%</u>		
			<u>TRACT 19</u>				
F 080213	T-27-N, R-7-W	320.00					
	Sec. 28: S/2		Royalty	12.50%	12.50%	<u>1.667373%</u>	
			Working Interest: El Paso Natural Gas Co. ORRI	82.50% 5.00%	82.50% 5.00%		
			TOTAL	<u>100.00%</u>	<u>100.00%</u>		
			<u>TRACT 18</u>				

Effective September 1, 1978

SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACT PARTICIPAT
			OWNERSHIP	PERCENTAGE	
			PERCENTAGE COMMITTED		
M 012209	T-27-N, R-7-W Sec. 14: Lots 1,2, 3,4,5,6, 8,11,12 (E/2, NW/4 SW/4)	337.63			
			<u>TRACT 20</u>		
			Royalty	12.50%	12.50%
			Working Interest:		
			El Paso Natural Gas Co.	81.50%	81.50%
			ORRI	6.00%	6.00%
			TOTAL	<u>100.00%</u>	<u>100.00%</u>
					<u>1.759234</u>
			<u>TRACT 21</u>		
M 013654	T-27-N, R-6-W Sec. 18: NE/4, E/2 NW/4 Sec. 17: NE/4 SE/4, N/2	600.00			
			Royalty	12.50%	12.50%
			Working Interest:		
			El Paso Natural Gas Co.	81.50%	81.50%
			ORRI	6.00%	6.00%
			TOTAL	<u>100.00%</u>	<u>100.00%</u>
					<u>3.126324</u>
			<u>TRACT 22</u>		
E-289-29	T-27-N, R-7-W Sec. 36: SW/4	160.00			
			Royalty	12.50%	12.50%
			Working Interest:		
			El Paso Natural Gas Co.	82.50%	82.50%
			ORRI	5.00%	5.00%
			TOTAL	<u>100.00%</u>	<u>100.00%</u>
					<u>•833686</u>
			<u>TRACT 23</u>		
E-290-5	T-27-N, R-6-W Sec. 32: E/2 NW/4, NE/4 SW/4 T-27-N, R-7-W Sec. 36: S/2 NE/4	200.00			
			Royalty	12.50%	12.50%
			Working Interest:		
			The Wiser Oil Co.	87.50%	87.50%
			ORRI	0.00%	0.00%
			TOTAL	<u>100.00%</u>	<u>100.00%</u>
					<u>1.042108</u>

SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE	
190-28	T-27-N, R-6-W	200.00	Royalty	12.50%	1.042108%
	Sec. 32: SE/4, SW/4, W/2 NE/4		Working Interest:	12.50%	
			EI Paso Natural Gas Co.	82.50%	
	T-27-N, R-7-W		ORRI	5.00%	
	Sec. 36: E/2 SE/4		TOTAL	100.00%	
			TRACT 24		
					<u>1.042108%</u>
190-28	T-27-N, R-6-W	440.00	Royalty	12.50%	2.292637%
	Sec. 16: W/2, W/2 SE/4, SE/4 SE/4		Working Interest:	12.50%	
			EI Paso Natural Gas Co.	77.50%	
			ORRI	10.00%	
			TOTAL	100.00%	
			TRACT 25		
					<u>2.292637%</u>
290-28	T-27-N, R-6-W	200.00	Royalty	12.50%	1.042108%
	Sec. 32: W/2 NW/4, NW/4 SW/4		Working Interest:	12.50%	
			EI Paso Natural Gas Co.	87.50%	
	T-27-N, R-7-W		ORRI	0.00%	
	Sec. 36: N/2 NE/4		TOTAL	100.00%	
			TRACT 25		
					<u>1.042108%</u>
290-28	T-27-N, R-6-W	680.00	Royalty	12.50%	3.543167%
	Sec. 32: SW/4 SW/4, E/2 NE/4, SE/4		Working Interest:	12.50%	
			EI Paso Natural Gas Co.	82.50%	
	Sec. 16: NE/4		ORRI	5.00%	
	T-27-N, R-7-W		TOTAL	100.00%	
	Sec. 36: W/2 SE/4, NW/4				
					<u>3.543167%</u>

SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT AC PARTICIPAT
			OWNERSHIP	PERCENTAGE	
E-291-3	T-26-N, R-7-W Sec. 2: Lots 1,2, S/2 NE/4, SE/4 (E/2)	320.76	Royalty	12.50%	<u>1.671333</u>
			Working Interest:	87.50%	
			The Wiser Oil Co.	0.00%	
			ORRI	0.00%	
			TOTAL	<u>100.00%</u>	
			TRACT 26		
E-291-35	T-26-N, R-7-W Sec. 2: Lots 3,4, S/2 NW/4 (NW/4)	160.68	Royalty	12.50%	<u>.837230</u>
			Working Interest:	82.50%	
			El Paso Natural Gas Co.	5.00%	
			ORRI	0.00%	
			TOTAL	<u>100.00%</u>	
			TRACT 27		
E-291-35	T-26-N, R-7-W Sec. 2: SW/4	160.00	Royalty	12.50%	<u>.833686</u>
			Working Interest:	82.50%	
			El Paso Natural Gas Co.	5.00%	
			ORRI	0.00%	
			TOTAL	<u>100.00%</u>	
			TRACT 28		
E-6445-4	T-27-N, R-6-W Sec. 16: NE/4 SE/4	40.00	Royalty	12.50%	<u>.208422</u>
			Working Interest:	82.50%	
			El Paso Natural Gas Co.	5.00%	
			ORRI	0.00%	
			TOTAL	<u>100.00%</u>	
			TRACT 29		

SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACTU PARTICIPATI
			OWNERSHIP	PERCENTAGE	
<u>TRACT 30</u>					
	T-27-N, R-6-W	160.00			
	Sec. 22: E/2 NW/4, NE/4 SW/4, NW/4 SE/4		Royalty Working Interest: El Paso Natural Gas Co. ORRI	12.50% 75.00% 12.50% <u>100.00%</u>	12.50% 75.00% 12.50% <u>100.00%</u>
	TOTAL				<u>.833686%</u>

Effective September 1, 1978

RECAPITULATION

Description of Lands in Participating Area:

<u>Township 26 North, Range 6 West, N.M.P.M.</u>	
Section 6: All	
<u>Township 26 North, Range 7 West, N.M.P.M.</u>	
Section 1: All	
Section 2: All	
Section 11: All	
Section 12: All	
<u>Township 27 North, Range 6 West, N.M.P.M.</u>	
Sections 16,17,18,19,20,21,22,23,26,27, 28,29,30,31,32: All	
<u>Township 27 North, Range 7 West, N.M.P.M.</u>	
Section 13: All	
Section 14: All	
Section 15: E/2	
Section 22: E/2	
Section 23: All	
Section 24: All	
Section 25: All	
Section 26: All	
Section 27: E/2, SW/4	
Section 28: S/2	
Section 35: Lots 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 (All)	
Section 36: All	
Total Number of Acres in Participating Area	19,543.94
Total Number of Committed Acres in Participating Area:	19,191.87

100 - 11310

EXHIBIT "B"
RINCON UNIT
RIO ARriba COUNTY, NEW MEXICO
GEOLOGIC REPORT
DAKOTA PRODUCING INTERVAL
PROPOSED SIXTEENTH EXPANSION
OF THE DAKOTA PARTICIPATING AREA

EL PASO NATURAL GAS COMPANY

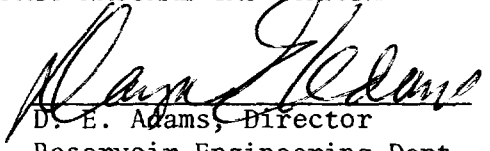
By: 
D. E. Adams, Director
Reservoir Engineering Dept.

EXHIBIT "B"

RINCON UNIT RIO ARRIBA COUNTY, NEW MEXICO

GEOLOGIC REPORT DAKOTA PRODUCING INTERVAL

PROPOSED SIXTEENTH EXPANSION OF THE DAKOTA PARTICIPATING AREA

INTRODUCTION

The Rincon Unit, located in the east-central portion of the San Juan Basin, is comprised of 20,471.87 acres in Townships 26 and 27 North, Ranges 6 and 7 West, Rio Arriba County, New Mexico.

Hydrocarbons are produced in this unit from three horizons of upper Cretaceous age. In descending order these are: (1) Pictured Cliffs sandstone, (2) Mesaverde group and (3) Dakota Producing Interval. The "Dakota Producing Interval", as defined by the New Mexico Commission in Rule 25, Order No. R-1670-C, is "...from the base of the Greenhorn limestone to a point 400 feet below the base of the said formation and consisting of the Graneros formation, the Dakota formation, and the productive upper portion of the Morrison formation.

Within the Rincon Unit, 62 wells have been drilled to test the Dakota interval. Of these, 58 wells are commercial producers, one is non-commercial, two are plugged and abandoned and one is non-committed.

Included as part of this report are two maps entitled Exhibit "C". Exhibit "C", Figure No. 1 shows the subsurface structure of the Dakota Producing Interval" as reflected by using the top of the Graneros formation as the mapping horizon and mean sea level as the datum plane. The overall picture presented by this map is primarily that of gentle, regional north-east dip. Exhibit "C", Figure No. 2 is an isopachous map showing the number of feet of net reservoir sandstone which is interpreted to be present within the "Dakota Producing Interval". Detailed discussions of the stratigraphy and lithology of the "Dakota Producing Interval" in the general area of the Rincon Unit may be found in geologic reports which have been previously submitted.

Also included with this report as Exhibit "D", Table No. 1 is a tabulation of the Rincon Unit Dakota gas production. This tabulation shows by well the absolute open flow potential, date of first delivery into the gathering system, cumulative gas production to January 1, 1978, production by months for 1978 from January through August, 1978 annual production

and cumulative production to September 1, 1978. Wells within the Dakota Participating Area have produced a cumulative total of 78,175,843 Mcf as of September 1, 1978.

PROPOSED SIXTEENTH EXPANSION
OF THE DAKOTA PARTICIPATING AREA

Effective Date: September 1, 1978

The proposed Sixteenth Expansion of the Dakota Participating Area is based upon the completion of the Rincon Unit Well No. 231 by El Paso Natural Gas Company, the Unit operator. This well is located 1140 feet from the south line, 970 feet from the west line, Section 12, T-26 N, R-7-W, Rio Arriba County, New Mexico. On September 26, 1978, the Rincon Unit No. 231 well, on after frac gauge for sizing equipment only, flowed at the rate of 738 Mcf/D. Shut-in pressures were 2448 psia casing and 1239 psia tubing.

Proposed Expanded Acreage

Township 26 North, Range 7 West

Section 11: All
12: West half

The subject well produces from the sand zone within the Graneros shale and from the Dakota "A" and "B" zones which are the upper and middle sandstone members of the Dakota formation. These producing horizons are correlative with other wells in the unit. The proposed acreage is inferred to be capable of producing unitized substances in commercial quantities from the Dakota "A" and "B" zones and the Graneros sandstone. Exhibit "C", Figure No. 2 illustrates the net reservoir sand which is interpreted to be present under the acreage proposed for admission to the Dakota Participating Area by the Sixteenth Expansion.

EXHIBIT "D"
 TABLE NO. 1
 RINCON
 RIO ARRIBA COUNTY, NEW MEXICO

VOLUMES IN MCF AT 15.025 PSIA AND 60 DEGREES F.

WELL NAME AND NO.	AOF MCF/D	DATE OF FIRST DELIVERY	CURRENT WELL STATUS	1978 MONTHLY PRODUCTION												1978 PROD	09-1-78 CUM PROD
				1-1-78 CUM PROD	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.					
RINCON UNIT #231***	738			0	0	0	0	0	0	0	0	0	0	0	0	0	0
RINCON UNIT #1	625	53/12/17		7115	7702	7573	7070	7377	7377	6891	6796	5978	5652	5652	2420440		
RINCON UNIT #57	346	57/12/14		4325	3622	4920	5037	5690	4651	5245	5245	5985	5985	1346304			
RINCON UNIT #108 DK	5600	59/02/16		4545	4167	4762	4119	4890	4282	4631	4631	5245	5245	1368821			
RINCON UNIT #149 DK	5703	60/02/09		7469	6451	6444	4994	7632	6153	6086	6086	6167	6167	198366			
RINCON UNIT #125 DK	3671	60/04/17		6488	5881	6142	6328	6018	6419	6166	6166	6409	6409	1951662			
RINCON UNIT #126 DK	4016	60/04/23		1300859	6018	6799	6328	6419	6444	6444	6444	3921	32842	1953596			
RINCON UNIT #150 DK	3920	60/04/28		1297415	4372	4379	4669	4669	4669	4669	4669	4669	4669	1330257			
RINCON UNIT #137 DK	13075	60/05/04		24481	2307	2374	21066	23460	21881	2091	2091	17881	17881	5778130			
RINCON UNIT #136	9263	60/05/04		1550293	5994	5994	6076	5920	5920	5920	5920	5920	5920	1593096			
RINCON UNIT #129 DK	8471	60/05/16		1527673	7089	8103	9605	6983	7548	8175	8175	8877	8877	1594074			
RINCON UNIT #128 DK	5373	60/05/24		2863038	8943	5836	7069	7877	7877	6164	6164	5933	5933	2642068			
RINCON UNIT #127 DK	2601	60/06/02		1699692	6737	6755	6325	6767	5700	5700	5700	5904	5904	1749733			
RINCON UNIT #128 DK	7120	60/07/06		2113262	7498	6484	7291	8524	8783	7888	8028	7619	7619	2165012			
RINCON UNIT #135 DK	5993	60/11/23		1424798	8359	8731	6502	8554	8783	7888	8028	7619	7619	1466535			
FEDERAL COM #1**	4250	60/11/23		1156617	4404	3869	3635	2842	4170	4170	3584	3469	3469	1183506			
RINCON UNIT #159	3015	61/09/08		1101556	5428	4242	4352	4017	4289	4289	3815	3815	3815	1134501			
RINCON UNIT #158	3929	61/12/16		951872	2937	892	2888	472	472	472	472	472	472	963793			
RINCON UNIT #156	3196	62/07/25		784430	3567	3344	3342	3203	3668	3668	3017	2307	26442	810752			
RINCON UNIT #171	4796	62/08/17		1645268	9178	7953	9178	8257	8257	8257	8257	8257	8257	1712269			
RINCON UNIT #167	3201	62/08/28		1452504	4939	5680	5515	5680	5680	5680	5680	5680	5680	1496682			
RINCON UNIT #138	6319	62/08/28		1104367	4437	3940	4539	3721	3940	3940	3671	30012	30012	1134379			
RINCON UNIT #173	5700	62/08/29		1522369	7048	5613	6252	5787	5787	5787	5787	6418	6418	1571881			
RINCON UNIT #155	3005	62/09/23		697175	3035	2501	3182	3014	2390	2486	2545	21891	21891	7190666			
RINCON UNIT #185	4209	62/09/27		963926	4445	3480	3651	4190	2848	2848	2848	1995	1995	989783			
RINCON UNIT #172	4050	62/09/28		1195391	6207	4798	5233	5645	5889	5889	5889	5889	5889	1239295			
RINCON UNIT #180	3147	62/10/03		869196	4192	3877	3552	3841	3841	3841	3841	3841	3841	896222			
RINCON UNIT #177	4052	62/10/03		1383375	6342	4980	4947	5092	5187	5187	5187	5064	5064	1427186			
RINCON UNIT #170	2179	62/11/08		928416	4016	3620	4345	4744	4744	4744	4744	4059	4059	1251542			
RINCON UNIT #181	5271	62/11/10		1207717	5780	5074	6370	6467	5247	4779	3071	27942	27942	858896			
RINCON UNIT #179	3201	62/11/16		830974	4259	3783	3535	3467	3384	3384	3384	3071	3071	858896			
RINCON UNIT #157	3308	62/11/20		2553078	15259	13314	12420	14509	14509	13381	13111	110277	110277	2663355			
RINCON UNIT #166	3429	62/11/28		919663	4997	4146	4682	4808	4491	4491	4491	36703	36703	856366			
RINCON UNIT #176	7083	62/12/07		1379331	5885	4653	7102	6948	4927	4514	4514	5861	5861	1425726			
RINCON UNIT #165	4837	62/12/12		1663538	6950	6069	6122	7896	5338	6858	6858	6469	6469	1715225			
RINCON UNIT #133	7431	62/12/13		1356482	6243	5200	5435	4836	4623	7866	6237	45037	45037	1381579			
RINCON UNIT #174	4068	62/12/13		1295385	5142	4578	4849	4739	5034	5202	5066	38589	38589	1333974			
RINCON UNIT #175	4343	62/12/28		1066674	4807	4663	4185	4988	4329	3836	4657	3837	3837	1101976			
RINCON UNIT #161	4618	63/01/04		642589	3558	1420	2895	2861	2861	2933	2367	1741	20657	663246			
RINCON UNIT #182	3529	63/01/10		1099750	6517	4030	5613	3067	1989	3371	4011	34332	34332	1134082			
RINCON UNIT #168	5727	63/01/23		1499640	7270	7136	7077	7769	5345	6462	7892	56267	56267	1555907			
RINCON UNIT #139	2552	63/02/08		1021290	4542	4102	4585	4441	4607	4607	4577	35999	35999	1057289			
RINCON UNIT #184	5856	63/02/11		1866550	9849	8859	7855	8286	7970	7281	8690	5426	61416	1421666			
RINCON UNIT #178	7192	63/02/21		1280219	6317	5827	6276	5899	5814	5845	5769	6047	47094	1527313			
RINCON UNIT #185	1777	63/04/10		1076641	6214	6176	6595	6107	5922	608	633	589	4714	1125960			
RINCON UNIT NP #186*	1830	63/11/29		126672	561	523	610	650	650	650	650	589	589	131386			
RINCON UNIT #11	4049	65/12/23		1121334	870	7405	8993	7592	6676	9312	7743	63319	63319	1579453			
RINCON UNIT #146	4889	65/01/04		662072	4454	4822	3583	4211	3788	3996	5384	33046	33046	695118			
RINCON UNIT #131	4871	65/01/08		996785	6476	5619	7132	6571	6469	6201	5911	51327	51327	1048112			
RINCON UNIT #169	3085	65/01/10		664205	4031	3752	3354	3538	4581	3993	3908	29208	29208	693413			
RINCON UNIT #187	1707	65/01/13		1202754	9758	8460	11290	9955	8372	7788	8091	1276412	1276412	6275507			
RINCON UNIT #164	3633	69/10/30		429818	4222	3577	3588	2603	3187	3564	3413	3365	3365	27689			
RINCON UNIT #152	3997	72/07/26		434995	4622	2489	2834	2489	1980	2461	2667	21252	21252	456247			
RINCON UNIT #193	5191	72/07/26		893697	10860	7753	10832	10058	9165	9474	9974	78681	78681	972378			
RINCON UNIT #203	5528	74/03/07		551115	6230	7532	7613	7304	6586	5587	5587	5587	5587	603480			
RINCON UNIT #201	3236	74/03/11		441157	7861	7585	7800	7585	7585	7585	7585	7585	7585	502557			
RINCON UNIT #134	2682	74/03/11		414307	7142	6272	6272	6680	6087	6233	6233	6597	6597	466848			
RINCON UNIT #202	2832	74/03/14		395614	7468	6663	5760	7294	6628	6535	6535	6570	6570	449759			
RINCON UNIT #227***	217	78/01/05		0	5142	4014	3663	3696	3663	3317	3068	2511	28996	28996			
TOTALS	7544468	377339	319309	345627	348803	353000	323722	337410	326565	2731775				78175943			

*Non-commercial
 **Uncommited
 ***After frac gauge used for sizing equipment only