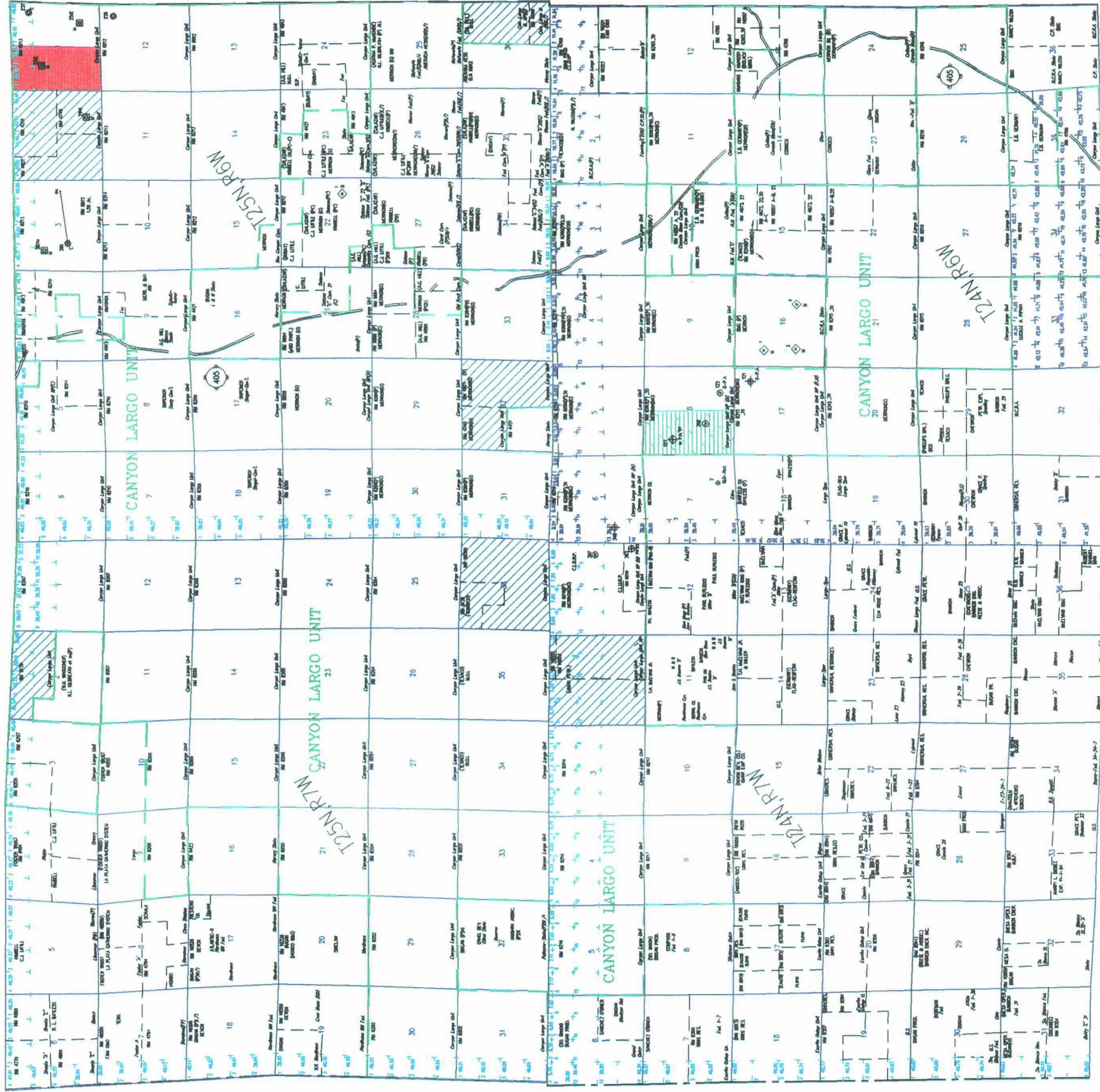


R7W

R6W



T 25 N

T 24 N

- PICTURED CUTS
- CHASCO
- MESAVERT
- CALUP
- DMOVA

BURLINGTON
RESOURCES

CANYON LARGO UNIT

- MESAVERT OIL PARTICIPATING AREA
Initial Expansion Effective 4/18/85
- OIL AND GAS OWNED BY
STATE OF NEW MEXICO
- MESAVERT GAS PARTICIPATING AREA
Initial Expansion Effective 1/27/96

February 11, 2000

MERIDIAN OIL

540
June 2, 1988

Bureau of Land Management
South Central Region
435 Montano N. E.
Albuquerque, New Mexico 87107

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

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

Re: San Juan 27-5 Unit, #14-08-001-950
Rio Arriba County, New Mexico
1988 Drilling Program

Gentlemen:

The 1988 Drilling Program for the San Juan 27-5 Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	5-26-88
Commissioner of Public Lands	3-24-88
Oil Conservation Division	2-26-88

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

Yours very truly,



David M. Poage
Senior Staff Landman

DMP:gm

San Juan 27-5 Unit, 3.0
Document #0030+

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie
Gdn. Estate John L. Abercrombie

William E. Alsup, Jr.
Ancilliary Executor of
the Estate of William E. Alsup

Amoco Production Company

Mrs. Lela L. Barkley

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Mr. J. Fidel Candelaria

Mr. Nickie G. Candelaria

Mr. Orlando Candelaria

Mr. Paul M. Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the
Will of Gerald F. Harrington

Mary Jone Chappell

Coastal Oil & Gas Corporation

Jay I. Cohen, Trustee for
the Abercrombie Trust

Mr. Sam Dazzo, Trustee for
Samuel Lionel Dazzo & Frances Joy Dazzo
UTA, dated May 17, 1983

Thomas Dugan, et ux

FPCO Oil & Gas Company
(formerly Petro Lewis Corporation)

Flag-Redfern Oil Company

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. & Mrs. T. H. Harrington

Col. Langdon D. Harrison

Mrs. Catherine M. Harvey

MAR Oil and Gas Corporation, Inc.

Estate of Ralph H. McCullough

Mrs. Catherine B McElvain

Mr. T.H. McElvain, Jr.
T.H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corp.

Partnership Properties, Inc.

Phillips Oil Company

H. O. Pool Trust

PWG Partnership

Mrs. Joe Quinn

Mr. James M. Raymond, Individually
& as Executor of Estate of
Mabelle McElvain Miller Nestler
& Trustee for Corinne Miller Gay
& Maydell Miller Mast Trust

Max B. Rotholz

Mrs. Mercedes Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace
Mr. James A. & Evelyn G Brown,
Trustees for Last Will &
Testament of A.W. Brown
(EJE Brown Company)

The Wiser Oil Company

Ruth Zimmerman

San Juan 27-5 (P01)
3180 (015)

MAY 27 1968

El Paso Natural Gas Company
Attn: James D. Penland
P.O. Box 4200
Dallas, TX 75202

Enclosure:

Three approved copies of your 1968 Plan of Development for the San Juan 27-5 unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing the drilling of new wells within the unit, was approved this date subject to like approval by the appropriate officials of the State of New Mexico.

Starting with the 1968 Plan of Development, please provide the following information in your annual Plan of Development.

1. A summary of operations for the past year which should include up-to-date maps showing the latest geologic interpretations, all wells and participating area boundaries. Should there be no changes from one year to another, reference may be made to the most recent map submitted.
2. A list showing the status of all wells.
3. Performance curves covering the productive life of each horizon under a participating area, including injectivity curves.
4. Your plans for development within the unit area for the next year.
5. Pertinent data as to the effectiveness of the enhanced recovery project (if applicable). This information should include data on current and cumulative water injection rates, current and cumulative water, gas, and oil production and current water-oil ratios. A short discussion as to the general progress of the flood and any significant changes in any phase of the project should also be included.

All plans of development are to be filed in triplicate.

The possibility might exist of drainage by wells outside of the unit boundary. You will be contacted at a later date about this possibility.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 761-4503.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

Assistant District Manager
Mineral Resources

Enclosure

cc:

RM-019

✓ INOCD, Santa Fe w/o encl.

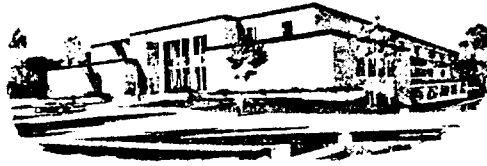
015:GKeller:ja:5/18/88:0058H

State of New Mexico

540



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

SLO REF NO OG-745

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

March 24, 1988

El Paso Natural Gas Company
Attn: Mr. James R. Permenter
P. O. Box 4289
Farmington, New Mexico 87499

Re: 1988 Plan of Development
San Juan 27-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1988 Plan of Development for the above captioned unit area.

Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Frando*
FLOYD O. FRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encs.
cc: OCD
BLM

February 18, 1988

Bureau of Land Management
South Central Region
435 Montano N. E.
Albuquerque, New Mexico 87107

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

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

Re: San Juan 27-5 Unit, #14-08-001-950
Rio Arriba County, New Mexico
1988 Drilling Program

Gentlemen:

By letter dated August 26, 1987, El Paso Natural Gas Company as Unit Operator of the referenced Unit, filed a Drilling Program for the calendar year 1987 which provided for the drilling of no wells.

As of this date the total number of wells in the San Juan 27-5 Unit is as follows:

Pictured Cliffs, Commercial	45
Pictured Cliffs, Plugged & Abandoned	4
Pictured Cliffs/Mesaverde Dual, Commercial	53
Mesaverde, Commercial	30
Mesaverde, Non-Commercial	1
Mesaverde/Dakota Dual, Commercial	15
Dakota, Commercial	85
Dakota, Non-Commercial	<u>1</u>
	234

Pursuant to Section 10 of the San Juan 27-5 Unit Agreement El Paso Natural Gas Company as Unit Operator, submits a Drilling Program providing for the drilling of no wells during calendar year 1988.

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

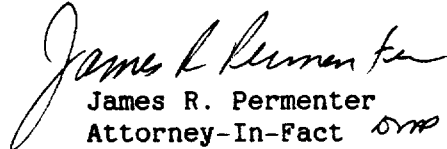
February 18, 1988

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 this office.

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

Very truly yours,


James R. Permenter
Attorney-In-Fact *orp*

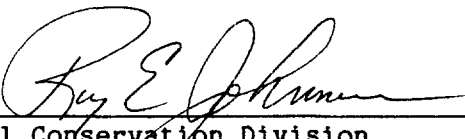
JRP:tlm
Enclosure
San Juan 27-5 Unit, 3.0
Doc. #0033L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 2-26-88

The foregoing approvals for the 1988 Drilling Program for the
San Juan 27-5 Unit, #14-08-001-950, Rio Arriba County, New Mexico.

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie
Gdn. Estate John L. Abercrombie

William E. Alsup, Jr.
Ancilliary Executor of
the Estate of William E. Alsup

Amoco Production Company

Mrs. Lela L. Barkley

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Mr. J. Fidel Candelaria

Mr. Nickie G. Candelaria

Mr. Orlando Candelaria

Mr. Paul M. Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the
Will of Gerald F. Harrington

Mary Jone Chappell

Coastal Oil & Gas Corporation

Jay I. Cohen, Trustee for
the Abercrombie Trust

Mr. Sam Dazzo, Trustee for
Samuel Lionel Dazzo & Frances Joy Dazzo
UTA, dated May 17, 1983

Thomas Dugan, et ux

FPCO Oil & Gas Company
(formerly Petro Lewis Corporation)

Flag-Redfern Oil Company

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. & Mrs. T. H. Harrington

Col. Langdon D. Harrison

Mrs. Catherine M. Harvey

MAR Oil and Gas Corporation, Inc.

Estate of Ralph H. McCullough

Mrs. Catherine B McElvain

Mr. T.H. McElvain, Jr.
T.H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corp.

Partnership Properties, Inc.

Phillips Oil Company

H. O. Pool Trust

PWG Partnership

Mrs. Joe Quinn

Mr. James M. Raymond, Individually
& as Executor of Estate of
Mabelle McElvain Miller Nestler
& Trustee for Corinne Miller Gay
& Maydell Miller Mast Trust

Max B. Rotholz

Mrs. Mercedes Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace
Mr. James A. & Evelyn G Brown,
Trustees for Last Will &
Testament of A.W. Brown
(EJE Brown Company)

The Wiser Oil Company

Ruth Zimmerman

7-10-1987
100-2-1000
MERIDIAN OIL

October 28, 1987

Bureau of Land Management
South Central Region
435 Montano N. E.
Albuquerque, New Mexico 87107

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

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

Re: San Juan 27-5 Unit, #14-08-001-950
Rio Arriba County, New Mexico
1987 Drilling Program

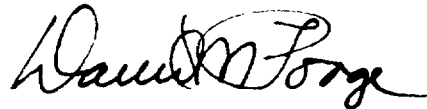
Gentlemen:

The 1987 Drilling Program for the San Juan 27-5 Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	10-21-87
Commissioner of Public Lands	04-20-87
Oil Conservation Division	09-30-87

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

Yours very truly,



David M. Poage
Senior Landman

DMP:gm
San Juan 27-5 Unit, 3.0
Doc. #0325L

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie
Gdn. Estate John L. Abercrombie

William E. Alsup, Jr.
Ancilliary Executor of
the Estate of William E. Alsup

Amoco Production Company

Mrs. Lela L. Barkley

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Mr. J. Fidel Candelaria

Mr. Nickie G. Candelaria

Mr. Orlando Candelaria

Mr. Paul M. Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the
Will of Gerald F. Harrington

Mary Jone Chappell

Coastal Oil & Gas Corporation

Jay I. Cohen, Trustee for
the Abercrombie Trust

Mr. Sam Dazzo, Trustee for
Samuel Lionel Dazzo & Frances Joy Dazzo
UTA, dated May 17, 1983

Thomas Dugan, et ux

Flag-Redfern Oil Company

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. & Mrs. T. H. Harrington

Col. Langdon D. Harrison

Mrs. Catherine M. Harvey

MAR Oil and Gas Corporation, Inc.

Estate of Ralph H. McCullough

Mrs. Catherine B McElvain

Mr. T.H. McElvain, Jr.
T.H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corp.

Partnership Properties, Inc.

FPCO Oil & Gas (Petro-Lewis)

Phillips Oil Company

H. O. Pool Trust

PWG Partnership

Mrs. Joe Quinn

Mr. James M. Raymond, Individually
& as Executor of Estate of
Mabelle McElvain Miller Nestler
& Trustee for Corinne Miller Gay
& Maydell Miller Mast Trust

Max B. Rotholz

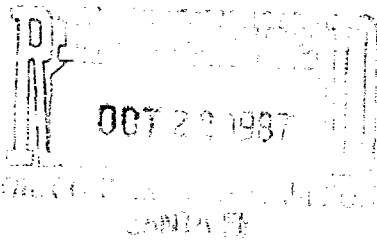
Mrs. Mercedes Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace
Mr. James A. & Evelyn G Brown,
Trustees for Last Will &
Testament of A.W. Brown
(EJE Brown Company)

The Wiser Oil Company

Ruth Zimmerman



OCT 20 1987

San Juan 17-12 (120)
3150 (Cib)

1.3. 204 410.

1.3. 204 410.

Washington, DC 20540

Gentlemen:

We received copies of your letter of Development for the San Juan 17-12
unit area, and we are looking for new leases and contracts. Each plan, proposing
a 10-100, or 100-1000, can be applied for this unit subject to our approval in
the appropriate direction of the State of New Mexico.

If you have any questions, please contact Shirley, Director of the above unit,
at (505) 241-1000, 76-1000.

Sincerely,

(Orig. Signed) - Sid Vogelwohl

Walter H. Vogelwohl
Director, New Mexico

cc:

WFOCD, Santa Fe w/o encl.

Comm. of Pub. Lands, Santa Fe w/o encl.

MI-015

015:Bryant, vhs:007/10/87:3000

August 26, 1987

Bureau of Land Management
South Central Region
435 Montano N. E.
Albuquerque, New Mexico 87107

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

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

Re: San Juan 27-5 Unit, #14-08-001-950
Rio Arriba County, New Mexico
1987 Drilling Program

Gentlemen:

By letter dated February 28, 1986 El Paso Natural Gas Company as Unit Operator of the referenced Unit, filed a Drilling Program for the calendar year 1986. These programs provided for the drilling of eight (8) Dakota, four (4) Mesaverde and two (2) Mesaverde/Dakota dual wells.

Listed below are the wells which were proposed but have subsequently been cancelled from the 1986 program:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 7A	E/2 Section 2, T27N, R5W	Mesaverde
# 15A	W/2 Section 16, T27N, R5W	Mesaverde
# 83E	N/2 Section 9, T27N, R5W	Dakota
# 96A	E/2 Section 15, T27N, R5W	Mesaverde
# 98A	W/2 Section 14, T27N, R5W	Mesaverde
#104M *	W/2 Section 12, T27N, R5W (DK)	Mesaverde/Dakota dual
	N/2 Section 12, T27N, R5W (MV)	
#106M	N/2 Section 1, T27N, R5W (MV)	Mesaverde/Dakota dual
	W/2 Section 1, T27N, R5W (DK)	
#115E	N/2 Section 23, T27N, R5W	Dakota
#120E	S/2 Section 23, T27N, R5W	Dakota
#122E	N/2 Section 21, T27N, R5W	Dakota

* Carried over from 1985 program

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#129E	S/2 Section 26, T27N, R5W	Dakota
#131M	E/2 Section 20, T27N, R5W (MV & DK)	Mesaverde/Dakota dual
#143E	N/2 Section 34, T27N, R5W	Dakota
#170E	S/2 Section 34, T27N, R5W	Dakota
#190E	E/2 Section 25, T27N, R5W	Dakota

As of this date the total number of wells in the San Juan 27-5 Unit is as follows:

Pictured Cliffs, Commercial	45
Pictured Cliffs, Plugged & Abandoned	4
Pictured Cliffs/Mesaverde Dual, Commercial	53
Mesaverde, Commercial	30
Mesaverde, Non-Commercial	1
Mesaverde/Dakota Dual, Commercial	15
Dakota, Commercial	85
Dakota, Non-Commercial	<u>1</u>
	234

Pursuant to Section 10 of the San Juan 27-5 Unit Agreement El Paso Natural Gas Company as Unit Operator, submits a Drilling Program providing for the drilling of no wells during calendar year 1987.

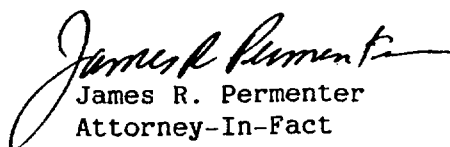
All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company as Unit Operator and the working interest owners believe that all current obligations have been satisfied.

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 this office.

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

Very truly yours,


James R. Permenter
Attorney-In-Fact

JRP:DMP:LD:gm
Enclosure
San Juan 27-5 Unit, 3.0

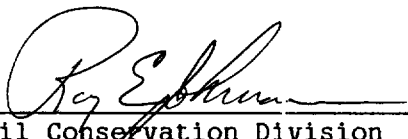
Doc. #0033L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 9-30-87

The foregoing approvals for the 1987 Drilling Program for the
San Juan 27-5 Unit, #14-08-001-950, Rio Arriba County, New Mexico.

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie
Gdn. Estate John L. Abercrombie

William E. Alsup, Jr.
Ancilliary Executor of
the Estate of William E. Alsup

Amoco Production Company

Mrs. Lela L. Barkley

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Mr. J. Fidel Candelaria

Mr. Nickie G. Candelaria

Mr. Orlando Candelaria

Mr. Paul M. Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the
Will of Gerald F. Harrington

Mary Jone Chappell

Coastal Oil & Gas Corporation

Jay I. Cohen, Trustee for
the Abercrombie Trust

Mr. Sam Dazzo, Trustee for
Samuel Lionel Dazzo & Frances Joy Dazzo
UTA, dated May 17, 1983

Thomas Dugan, et ux

Flag-Redfern Oil Company

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. & Mrs. T. H. Harrington

Col. Langdon D. Harrison

Mrs. Catherine M. Harvey

MAR Oil and Gas Corporation, Inc.

Estate of Ralph H. McCullough

Mrs. Catherine B McElvain

Mr. T.H. McElvain, Jr.
T.H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corp.

Partnership Properties, Inc.

Petro-Lewis Corporation

Phillips Oil Company

H. O. Pool Trust

PWG Partnership

Mrs. Joe Quinn

Mr. James M. Raymond, Individually
& as Executor of Estate of
Mabelle McElvain Miller Nestler
& Trustee for Corinne Miller Gay
& Maydell Miller Mast Trust

Max B. Rotholz

Mrs. Mercedes Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace
Mr. James A. & Evelyn G Brown,
Trustees for Last Will &
Testament of A.W. Brown
(EJE Brown Company)

The Wiser Oil Company

Ruth Zimmerman

State of New Mexico

#540



SLO REF NO. OG-46

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

April 20, 1987

Meridian Oil Inc.
ATTENTION: Land Department
P. O. Box 4289
Farmington, New Mexico 87499

Re: 1987 Drilling Program
San Juan 27-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1987 Drilling Program for the San Juan 27-5 Unit Area, Rio Arriba County, New Mexico. Your drilling program calls for the drilling of no wells.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
Gulram, Inc.

MERIDIAN OIL

FEB 25 1987

February 24, 1987

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

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

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

Re: San Juan 27-5 Unit, #14-08-001-950
Rio Arriba County, New Mexico
1987 Drilling Program

Gentlemen:

By letter dated February 28, 1986 Meridian Oil, on behalf of El Paso Natural Gas Company as Unit Operator of the referenced Unit, filed a Drilling Program for the calendar year 1986. These programs provided for the drilling of eight (8) Dakota, four (4) Mesaverde and two (2) Mesaverde/Dakota dual wells.

Listed below are the wells which were proposed but have subsequently been cancelled from the 1986 program:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 7A	E/2 Section 2, T27N, R5W	Mesaverde
# 15A	W/2 Section 16, T27N, R5W	Mesaverde
# 83E	N/2 Section 9, T27N, R5W	Dakota
# 96A	E/2 Section 15, T27N, R5W	Mesaverde
# 98A	W/2 Section 14, T27N, R5W	Mesaverde
#104M *	W/2 Section 12, T27N, R5W (DK)	Mesaverde/Dakota dual
	N/2 Section 12, T27N, R5W (MV)	
#106M	N/2 Section 1, T27N, R5W (MV)	Mesaverde/Dakota dual
	W/2 Section 1, T27N, R5W (DK)	
#115E	N/2 Section 23, T27N, R5W	Dakota
#120E	S/2 Section 23, T27N, R5W	Dakota
#122E	N/2 Section 21, T27N, R5W	Dakota

* Carried over from 1985 program

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
#129E	S/2 Section 26, T27N, R5W	Dakota
#131M	E/2 Section 20, T27N, R5W (MV & DK)	Mesaverde/Dakota dual
#143E	N/2 Section 34, T27N, R5W	Dakota
#170E	S/2 Section 34, T27N, R5W	Dakota
#190E	E/2 Section 25, T27N, R5W	Dakota

As of this date the total number of wells in the San Juan 27-5 Unit is as follows:

Pictured Cliffs, Commercial	45
Pictured Cliffs, Plugged & Abandoned	4
Pictured Cliffs/Mesaverde Dual, Commercial	53
Mesaverde, Commercial	30
Mesaverde, Non-Commercial	1
Mesaverde/Dakota Dual, Commercial	15
Dakota, Commercial	85
Dakota, Non-Commercial	<u>1</u>
	234

Pursuant to Section 10 of the San Juan 27-5 Unit Agreement Meridian Oil as Unit Operator, submits a Drilling Program providing for the drilling of no wells during calendar year 1987.

All working interest owners have been contacted regarding this Drilling Program. Meridian Oil as Unit Operator and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil 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 the undersigned at the above address.

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

Very truly yours,



Alan Alexander *SNP*
District Land Manager

AA:DMP:LD:gm
Enclosure
San Juan 27-5 Unit, 3.0


Doc. #0356L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 2-27-87

The foregoing approvals for the 1987 Drilling Program for the
San Juan 27-5 Unit, #14-08-001-950, Rio Arriba County, New Mexico.

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie
Gdn. Estate John L. Abercrombie

William E. Alsup, Jr.
Ancilliary Executor of
the Estate of William E. Alsup

Amoco Production Company

Mrs. Lela L. Barkley

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Mr. J. Fidel Candelaria

Mr. Nickie G. Candelaria

Mr. Orlando Candelaria

Mr. Paul M. Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the
Will of Gerald F. Harrington

Mary Jone Chappell

Coastal Oil & Gas Corporation

Jay I. Cohen, Trustee for
John Rice & Dorothy D. Abercrombie Trust

Mr. Sam Dazzo, Trustee for
Samuel Lionel Dazzo & Frances Joy Dazzo
UTA, dated May 17, 1983

Thomas Dugan, et ux

Flag-Redfern Oil Company

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. & Mrs. T. H. Harrington

Col. Langdon D. Harrison

Mrs. Catherine M. Harvey

MAR Oil and Gas Corporation, Inc.

Estate of Ralph H. McCullough

Mrs. Catherine B McElvain

Mr. T.H. McElvain, Jr.
T.H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corp.

Petro-Lewis Corporation

Phillips Oil Company

H. O. Pool Trust

PWG Partnership

Mrs. Joe Quinn

Mr. James M. Raymond, Individually
& as Executor of Estate of
Mabelle McElvain Miller Nestler
& Trustee for Corinne Miller Gay
& Maydell Miller Mast Trust

Max B. Rotholz

Mrs. Mercedes Skidmore

Mr. Robert P. Tinnin

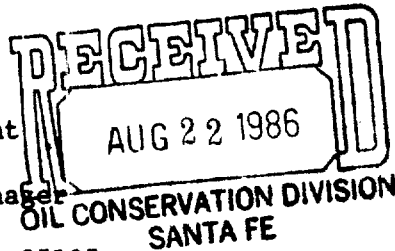
Mrs. Evelyn Ellen Wallace
Mr. James A. & Evelyn G Brown,
Trustees for Last Will &
Testament of A.W. Brown
(EJE Brown Company)

The Wiser Oil Company

Ruth Zimmerman

MERIDIAN OIL

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano Road, N.E.
Albuquerque, New Mexico 87107



August 19, 1986

#540

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Attention: Mr. David Catanach
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 27-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

By Conveyance dated July 16, 1986, El Paso Natural Gas Company conveyed all of its rights in various leases, lands and wells to El Paso Production Company. Included in these properties were all of Gas Company's rights in the referenced Unit.

Meridian Oil Inc. is in the process of replacing El Paso Natural Gas Company as operator of the wells and units (including the San Juan 27-5 Unit) transferred by the Conveyance of July 16, 1986, and will operate these properties on behalf of El Paso Production Company.

El Paso Natural Gas Company and Meridian Oil Inc. are wholly owned subsidiaries of Burlington Northern, Inc., and El Paso Production Company is a wholly owned subsidiary of El Paso Natural Gas Company.

All correspondence pertaining to the referenced unit should be directed to the same individuals at the same addresses as in the past. If you have any questions or comments concerning this matter, or this letter, please contact the undersigned.

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

Yours very truly,

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

Alan Alexander
District Land Manager

AA/tlm
San Juan 27-5 Unit, 5.0
Doc. #0794L

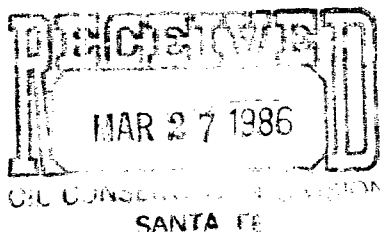
SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie	Mr. James V. Harrington
Mr. J. R. Abercrombie	Mr. & Mrs. T. H. Harrington
William E. Alsup, Jr. Ancilliary Executor of the Estate of William E. Alsup, Deceased	Col. Langdon D. Harrison
Amoco Production Company	Mrs. Catherine M. Harvey
Mrs. Lela L. Barkley	Mr. Ralph H. McCullough
Mr. Donald R. Candelaria	Mrs. Catherine B McElvain
Mrs. Eulogia C. Candelaria	Mr. T.H. McElvain, Jr. T.H. McElvain Oil & Gas Prop.
Mr. Nickie G. Candelaria	Mrs. Cruzelia C. Montoya
Mr. Paul M. Candelaria	Mrs. Ophelia C. Montoya
Mr. J. Fidel Candelaria	Northwest Pipeline Corp.
Mr. Orlando Candelaria	Phillips Oil Company
Genevieve Candelaria, Personal Representative of the Estate of Pablo Leopoldo Candelaria	H. O. Pool Trust
Central National Bank & Trust Co. of Des Moines, Trustee under the Will of Gerald F. Harrington	PWG Partnership
Mary Jone Chappell	Mrs. Joe Quinn
Coastal Oil & Gas Corporation	Mr. James M. Raymond, Individually & as Executor for Estate of Mabelle McElvain Miller Nestler, & Trustee for Corinne Miller Gay Trust & Trustee for Maydell Miller Mast Trust
Mr. Sam Dazzo as Trustee for Samuel Lionel Dazzo & Frances Joy Dazzo UTA, dated May 17, 1983	Mr. M. A. Romero
Thomas Dugan, et ux	Max B. Rotholz
Flag-Redfern Oil Company	Mrs. Mercedes Skidmore
Mr. F. Eugene Harrington	Mr. Robert P. Tinnin
Mr. Gerald E. Harrington	Mrs. Evelyn Ellen Wallace Mr. James A. & Evelyn G Brown, Trustees for Last Will & Testament of A.W. Brown (EJE Brown Company)
	The Wiser Oil Company

Department of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

MAR 25 1986

San Juan 27-5
Unit POD
3180 (015)



Meridian Oil
ATTN: Alan Alexander
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Two approved copies of your 1986 Plan of Development for the San Juan 27-5 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing eight (8) Dakota wells, four (4) Mesaverde wells, and two (2) Mesaverde-Dakota dual completion wells, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - GARY A. STEPHENS
For District Manager

Enclosures

cc:

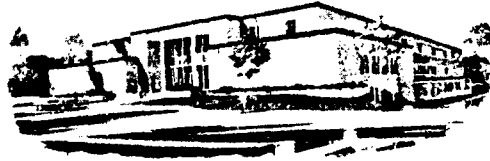
✓ NMOCB, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-1
Fluids Section FRAH
O&G Chron

015:SBryant:klm:3-20-86:1655H

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

March 10, 1986

Meridian Oil Inc.,
P. O. Box 4289
Farmington, New Mexico 87499

Re: San Juan 27-5 Unit
Rio Arriba County, New Mexico
1986 Drilling Program

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your 1986 Drilling Program for the San Juan 27-5 Unit Area, Rio Arriba County, New Mexico. Your Drilling Program proposes to drill the following wells.

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 7A	E/2 Section 2-T27N-R5W	Mesaverde
# 15A	W/2 Section 16-T27N-R5W	Mesaverde
# 83E	N/2 Section 9-T27N-R5W	Dakota
# 96A	E/2 Section 15-T27N-R5W	Mesaverde
# 98A	W/2 Section 14-T27N-R5W	Mesaverde
#106M	N/2 Section 1-T27N-R5W (DK)	Mesaverde/Dakota dual
	W/2 Section 1-T27N-R5W (MV)	
#113E	N/2 Section 23-T27N-R5W	Dakota
#120E	S/2 Section 23-T27N-R5W	Dakota
#122E	N/2 Section 21-T27N-R5W	Dakota
#129E	S/2 Section 26-T27N-R5W	Dakota
#131M	E/2 Section 20-T27N-R5W	Mesaverde/Dakota dual
#143E	N/2 Section 34-T27N-R5W	Dakota
#170E	S/2 Section 34-T27N-R5W	Dakota
#190E	E/2 Section 25-T27N-R5W	Dakota

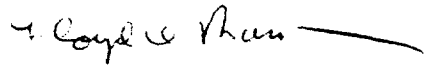
Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Meridian Oil Co.
March 10, 1986
page 2

If we may be of further help please do not hesitate to call on us. Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

#540

MERIDIAN OIL

February 28, 1986

**Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197**

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

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

**Re: San Juan 27-5 Unit, #14-08-001-950
Rio Arriba County, New Mexico
1986 Drilling Program**

Gentlemen:

By letters dated February 22, April 29, July 19, and September 4, 1985, El Paso Natural Gas Company, as Unit Operator of the referenced Unit, filed Drilling Programs for the calendar year 1985. These programs provided for the drilling of 27 wells. All wells have been drilled except the San Juan 27-5 Unit #104 M, NW/4 Section 12, T27N, R5W, which will be carried over and drilled during 1986.

As of this date the total number of wells in the San Juan 27-5 Unit is as follows:

Pictured Cliffs, Commercial	45
Pictured Cliffs, Plugged & Abandoned	4
Pictured Cliffs/Mesaverde Dual, Commercial	53
Mesaverde, Commercial	30
Mesaverde, Non-Commercial	1
Mesaverde/Dakota Dual, Commercial	15
Dakota, Commercial	85
Dakota, Non-Commercial	<u>1</u>
	234

Pursuant to Section 10 of the San Juan 27-5 Unit Agreement, Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, submits the following Drilling Program for the calendar year 1986:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 7A	E/2 Section 2, T27N, R5W	Mesaverde
# 15A	W/2 Section 16, T27N, R5W	Mesaverde
# 83E	N/2 Section 9, T27N, R5W	Dakota
# 96A	E/2 Section 15, T27N, R5W	Mesaverde
# 98A	W/2 Section 14, T27N, R5W	Mesaverde
#106M	N/2 Section 1, T27N, R5W (DK)	Mesaverde/Dakota dual
	W/2 Section 1, T27N, R5W (MV)	
#115E	N/2 Section 23, T27N, R5W	Dakota
#120E	S/2 Section 23, T27N, R5W	Dakota
#122E	N/2 Section 21, T27N, R5W	Dakota
#129E	S/2 Section 26, T27N, R5W	Dakota
#131M	E/2 Section 20, T27N, R5W (MV & DK)	Mesaverde/Dakota dual
#143E	N/2 Section 34, T27N, R5W	Dakota
#170E	S/2 Section 34, T27N, R5W	Dakota
#190E	E/2 Section 25, T27N, R5W	Dakota

All working interest owners have been contacted regarding this Drilling Program. Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil, on behalf of 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 the undersigned at the above address.

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

Very truly yours,



Alan Alexander
District Land Manager

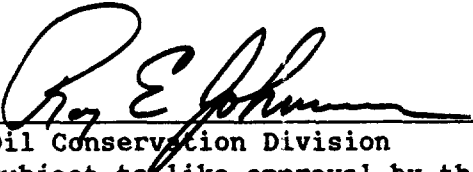
AA:DMP:LD:tlm
Enclosure
San Juan 27-5 Unit, 3.0
Doc. #0356L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 3-6-86

The foregoing approvals for the 1986 Drilling Program for the
San Juan 27-5 Unit, #14-08-001-950, Rio Arriba County, New Mexico.

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie	Mr. James V. Harrington
Mr. J. R. Abercrombie	Mr. & Mrs. T. H. Harrington
William E. Alsup, Jr. Ancilliary Executor of the Estate of William E. Alsup, Deceased	Mr. Thomas H. Harrington Col. Langdon D. Harrison
Amoco Production Company	Mrs. Catherine M. Harvey
Mrs. Lela L. Barkley	Mr. Ralph H. McCullough
Mr. Donald R. Candelaria	Mrs. Catherine B McElvain
Mrs. Eulogia C. Candelaria	Mr. T.H. McElvain, Jr. T.H. McElvain Oil & Gas Prop.
Nickie G. Candelaria	Mrs. Cruzelia C. Montoya
Paul M. Candelaria	Mrs. Ophelia C. Montoya
Mr. J. Fidel Candelaria	Northwest Pipeline Corp. Farmington, New Mexico
Mr. Orlando Candelaria	Phillips Oil Company
Genevieve Candelaria, Personal Representative of the Estate of Pablo Leopoldo Candelaria	PWG Partnership
Central National Bank & Trust Co. of Des Moines, Trustee under the Will of Gerald F. Harrington, Deceased	H.O. Pool Trust
Mary Jone Chappell	Mrs. Joe Quinn
Coastal Oil & Gas Corporation	Mr. James M. Raymond, Individually & as Attorney-in-Fact for Mabelle McElvain Miller, Trustee for Corinne Miller Gay Trust & Trustee for Maydell Miller Mast Trust
Mr. Sam Dazzo & Frances J. Dazzo	Mr. M. A. Romero
Thomas Dugan, et ux	Max B. Rotholz
Flag-Redfern Oil Company	Mrs. Mercedes Skidmore
Mr. F. Eugene Harrington	Mr. Robert P. Tinnin
Mr. Gerald E. Harrington	Mrs. Evelyn Ellen Wallace Mr. James A. & Evelyn G Brown, Trustees for Last Will & Testament of A.W. Brown (EJE Brown Company)
The Wiser Oil Company	



TONY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

September 10, 1985

50 YEARS



1935 - 1985

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

Meridian Oil
P. O. Box 4289
Farmington, New Mexico 87499


Attention: Alan Alexander

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
Third Amendment - 1985 Drilling Program

Gentlemen:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,



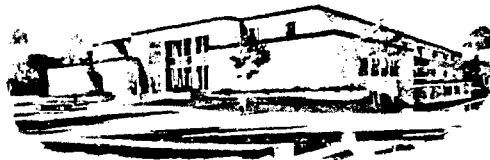
ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dr

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

State of New Mexico

#540



JIM BACA
COMMISSIONER

Commissioner of Public Lands

September 10, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Meridian Oil Inc.
P. O. Box 4289
Farmington, New Mexico 87499

Re: San Juan 27-5 Unit
Rio Arriba County, New Mexico
Third Amendment - 1985 Drilling Program

ATTENTION: Mr. Alan Alexander

The Commissioner of Public Lands has this date approved your Third Amendment to your 1985 Drilling Program for the San Juan 27-5 Unit Area, Rio Arriba County, New Mexico Such amendment proposes to drill the following wells.

<u>WELL NO.</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
23A	W/2 Sec. 2-27N-5W	Mesaverde
101A	E/2 Sec. 10-27N-5W	Mesaverde
102M	E/2 Sec. 12-27N-5W (MV)	Mesaverde/Dakota dual
	S/2 Sec. 12-27N-5W (DK)	
103E	E/2 Sec. 14-27N-5W	Dakota
104M	W/2 Sec. 12-27N-5W (MV)	Mesaverde/Dakota dual
	N/2 Sec. 12-27N-5W (DK)	
108E	S/2 Sec. 15-27N-5W	Dakota
113A	W/2 Sec. 10-27N-5W	Mesaverde
118E	S/2 Sec. 22-27N-5W	Dakota
125E	S/2 Sec. 21-27N-5W	Dakota
127E	W/2 Sec. 25-27N-5W	Dakota
130E	N/2 Sec. 26-27N-5W	Dakota
139M	W/2 Sec. 20-27N-5W	Mesaverde/Dakota dual
165M	W/2 Sec. 29-27N-5W	Mesaverde/Dakota dual

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
cc: OCD, FIM

MERIDIAN OIL

September 4, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

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

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

Re: San Juan 27-5 Unit, #14-08-001-950
Rio Arriba County, New Mexico
Third Amendment - 1985 Drilling Program

Gentlemen:

The 1985 Drilling Program for the referenced unit has previously been submitted to you by letters dated February 22, 1985, April 29, 1985, and July 19, 1985.

Subsequently, the following wells have been proposed as the Third Amendment to the 1985 Drilling Program:

<u>WELL NO</u>	<u>DRILLING BLOCK</u>	<u>FORMATION</u>
# 23 A	W/2 Section 2, T27N, R5W	Mesaverde
#101 A	E/2 Section 10, T27N, R5W	Mesaverde
#102 M	E/2 Section 12, T27N, R5W (MV)	Mesaverde/Dakota dual
	S/2 Section 12, T27N, R5W (DK)	
#103 E	E/2 Section 14, T27N, R5W	Dakota
#104 M	W/2 Section 12, T27N, R5W (MV)	Mesaverde/Dakota dual
	N/2 Section 12, T27N, R5W (DK)	
#108 E	S/2 Section 15, T27N, R5W	Dakota
#113 A	W/2 Section 10, T27N, R5W	Mesaverde
#118 E	S/2 Section 22, T27N, R5W	Dakota
#125 E	S/2 Section 21, T27N, R5W	Dakota
#127 E	W/2 Section 25, T27N, R5W	Dakota
#130 E	N/2 Section 26, T27N, R5W	Dakota
#139 M	W/2 Section 20, T27N, R5W	Mesaverde/Dakota dual
#165 M	W/2 Section 29, T27N, R5W	Mesaverde/Dakota dual

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

If this Third Amendment to the 1985 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 the undersigned.

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

Very truly yours,



Alan Alexander
District Land Manager



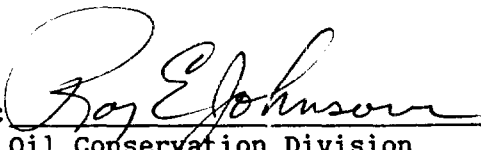
AA:LD/tlm
Enclosures
San Juan 27-5 Unit, 3.0
Doc. #0117L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

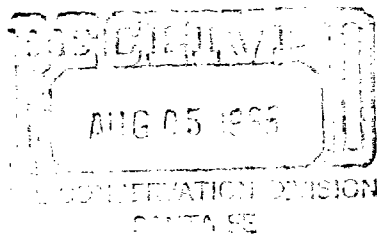
APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 9-9-85

The foregoing approvals for the Third Amendment to 1985 Drilling Program for the
San Juan 27-5 Unit #14-08-001-950, Rio Arriba County, New Mexico.

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie	Mr. James V. Harrington
Mr. J. R. Abercrombie	Mr. & Mrs. T. H. Harrington
William E. Alsup, Jr. Ancilliary Executor of the Estate of William E. Alsup, Deceased	Mr. Thomas H. Harrington Col. Langdon D. Harrison
Amoco Production Company	Mrs. Catherine M. Harvey
Mrs. Lela L. Barkley	Mr. Ralph H. McCullough
Mrs. Evelyn G. Brown Mr. James A. Brown	Mrs. Catherine B McElvain
Mr. Donald R. Candelaria	Mr. T.H. McElvain, Jr. T.H. McElvain Oil & Gas Prop.
Mrs. Eulogia C. Candelaria	Mrs. Cruzelia C. Montoya
Nickie G. Candelaria	Mrs. Ophelia C. Montoya
Paul M. Candelaria	Northwest Pipeline Corp. Farmington, New Mexico
Mr. J. Fidel Candelaria	Phillips Oil Company
Mr. Orlando Candelaria	PWG Partnership
Genevieve Candelaria, Personal Representative of the Estate of Pablo Leopoldo Candelaria	H.O. Pool Trust Mrs. Joe Quinn
Central National Bank & Trust Co. of Des Moines, Trustee under the Will of Gerald F. Harrington, Deceased	Mr. James M. Raymond, Individually & as Attorney-in-Fact for Mabelle McElvain Miller, Trustee for Corinne Miller Gay Trust & Trustee for Maydell Miller Mast Trust
Mary Jone Chappell	Mr. M. A. Romero
Coastal Oil & Gas Corporate	Max B. Rotholz
Mr. Sam Dazzo & Frances J. Dazzo	Mrs. Mercedes Skidmore
Thomas Dugan, et ux	Mr. Robert P. Tinnin
Flag-Redfern Oil Company	Mrs. Evelyn Ellen Wallace Mr. James A. Brown, Trustees the Last Will & Testament of A.W. Brown (EJE Brown Company)
Mr. F. Eugene Harrington	
Mr. Gerald E. Harrington	
The Wiser Oil Company	



Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

SJ 27-5 Unit
3100 (015)

AUG 02 1985

El Paso Exploration Company
P.O. Box 4289
Farmington, NM 87499-4289

Gentlemen:

Two approved copies of your Second Amendment to the 1985 Drilling Program for the San Juan 27-5 (No. 14-08-001-950) Unit area, Rio Arriba County, are enclosed. Such plan, proposing the drilling of the following wells

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
49A	E $\frac{1}{2}$ sec. 18, T27N, R5W	Pictured Cliffs/Mesaverde Dual
69M	E $\frac{1}{2}$ sec. 7, T27N, R5W	Mesaverde/Dakota Dual
97M	W $\frac{1}{2}$ sec. 31, T27N, R5W	Mesaverde/Dakota Dual
137E	E $\frac{1}{2}$ sec. 18, T27N, R5W	Dakota,

is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact John Gilmore at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

For District Manager

Enclosure(s)

cc:

~~NM~~OCDD, Santa Fe

Comm. of Pub. Lands, Santa Fe

Micrographics 943B-1

Fluids Section FRAH

File: San Juan 27-5 Unit No. 14-08-001-950 POD

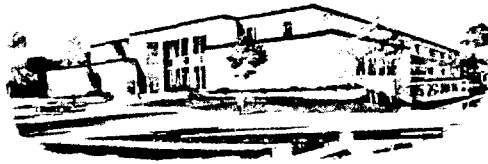
O&G Chron

015:JGilmore:tt:8/1/85:09:2M

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

July 24, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Re: San Juan 27-5 Unit
Rio Arriba County, New Mexico
Second Amendment-1985 Drilling Program

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your Second Amendment to your 1985 Drilling Program for the San Juan 27-5 Unit. Such Amended Drilling Program proposes to drill the Well Nos. 49A, 69M, 97M and the 137E. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

50 YEARS



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

July 23, 1985



1935 - 1985

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

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Alan Alexander

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
Second Amendment - 1985 Drilling Program

Gentlemen:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dr

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

July 19, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

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

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

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
Second Amendment-1985 Drilling Program

Gentlemen:

The San Juan 27-5 Unit 1985 Drilling Program was submitted to you by letter dated February 22, 1985, and the First Amendment was submitted by letter dated April 29, 1985.

Subsequent to the submittal of these letters, the following wells have been proposed:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
#49A	E/2 Sec. 18, T27N, R5W	Pictured Cliffs/Mesaverde Dual
#69M	E/2 Sec. 7, T27N, R5W	Mesaverde/Dakota Dual
#97M	W/2 Sec. 31, T27N, R5W	Mesaverde/Dakota Dual
#137E	E/2 Sec. 18, T27N, R5W	Dakota

The San Juan 27-5 Unit #54A was submitted under the initial 1985 Drilling Program but is now proposed as the #97M, Mesaverde/Dakota dual in the W/2 Section 31, T27N, R5W. The San Juan 27-5 #69A was submitted under the First Amendment but is now proposed as the #69M, Mesaverde/Dakota dual in the E/2 Section 7, T27N, R5W.

July 19, 1985

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

If this Second Amendment to the 1985 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 the undersigned.

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

Very truly yours,

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

Alan Alexander *AA*
District Land Manager

AA:DMP:LD/tlm

Enclosures

San Juan 27-5 Unit, 3.0

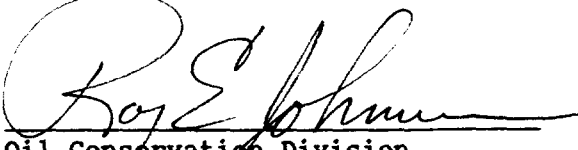
Doc. #0117L

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 7-23-85

The foregoing approvals for the Second Amendment to 1985 Drilling Program for the
San Juan 27-5 Unit #14-08-001-950, Rio Arriba County, New Mexico.

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown
Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the
Will of Gerald F. Harrington,
Deceased

Mary Jone Chappell

Coastal Oil & Gas Corporate

Mr. Sam Dazzo & Frances J. Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

The Wiser Oil Company

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon D. Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mrs. Catherine B McElvain

Mr. T.H. McElvain, Jr.
T.H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corp.
Farmington, New Mexico

Phillips Oil Company

PWG Partnership

H.O. Pool Trust

Mrs. Joe Quinn

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

Mr. M. A. Romero

Max B. Rotholz

Mrs. Mercedes Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace
Mr. James A. Brown,
Trustees the Last Will &
Testament of A.W. Brown
(EJE Brown Company)

El Paso
Exploration Company

P.O. BOX 4289
BIRMINGHAM, NEW MEXICO 87104-4289
PHONE (505) 272-0841

May 22, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

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

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

Re: San Juan 27-5 Unit, #14-08-001-950
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, Dakota Formation

Gentlemen:

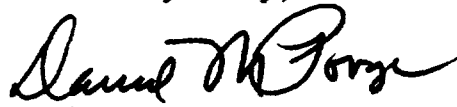
Pursuant to Section 11(b) of the San Juan 27-5 Agreement #14-08-001-950, approved August 31, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that one (1) additional well capable of producing unitized substances from the Dakota formation have been completed upon acreage committed to the Unit. This well is as follows:

The San Juan 27-5 Unit #109 E, located 1510 feet from the North line and 1710 feet from the East line of Section 3, T27N, R5W, was spudded October 18, 1984, and completed on January 24, 1985, at a plug back depth of 8043 feet. The Dakota formation was tested with an absolute open flow of 270 MCFGD. The spacing unit for this well is described as the E/2 of Section 3, T27N, R5W, containing 319.16 acres.

The drilling block for the above described well is presently included within the existing Dakota Participating Area, therefore the Dakota Participating Area is not enlarged by this well.

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

Yours very truly,


David M. Poage
Senior Staff Landman

DMP/tlm
Enclosure
NM-2103
Doc. #0217L

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie	Mr. James V. Harrington
Mr. J. R. Abercrombie	Mr. T. H. Harrington
William E. Alsup, Jr. Ancilliary Executor of the Estate of William E. Alsup, Deceased	Mr. Thomas H. Harrington
Amoco Production Company	Col. Langdon D. Harrison
Mrs. Lela L. Barkley	Mrs. Catherine M. Harvey
Mrs. Evelyn G. Brown Mr. James A. Brown	Mr. Ralph H. McCullough
Mr. Donald R. Candelaria	Mrs. Catherine B McElvain Mr. T.H. McElvain, Jr.
Mrs. Eulogia C. Candelaria	T.H. McElvain Oil & Gas Prop.
Nickie G. Candelaria	Mrs. Cruzelia C. Montoya
Paul M. Candelaria	Mrs. Ophelia C. Montoya
Mr. J. Fidel Candelaria	Northwest Pipeline Corp. Farmington, New Mexico
Mr. Orlando Candelaria	Phillips Oil Company
Genevieve Candelaria, Personal Representative of the Estate of Pablo Leopoldo Candelaria	PWG Partnership
Central National Bank & Trust Co. of Des Moines, Trustee under the Will of Gerald F. Harrington, Deceased	H.O. Pool Trust
Mary Jone Chappell	Mrs. Joe Quinn
Coastal Oil & Gas Corporate	Mr. James M. Raymond, Individually & as Attorney-in-Fact for Mabelle McElvain Miller, Trustee for Corinne Miller Gay Trust & Trustee for Maydell Miller Mast Trust
Mr. Sam Dazzo & Frances J. Dazzo	Mr. M. A. Romero
Thomas Dugan, et ux	Max B. Rotholz
Flag-Redfern Oil Company	Mrs. Mercedes Skidmore
Mr. F. Eugene Harrington	Mr. Robert P. Tinnin
Mr. Gerald E. Harrington	Mrs. Evelyn Ellen Wallace Mr. James A. Brown, Trustees the Last Will & Testament of A.W. Brown (EJE Brown Company)
The Wiser Oil Company	

SJ 27-5 Unit
3100 (015)

MAY 22 1985

540

El Paso Exploration Company
Attention: Alan Alexander
P.O. Box 4289
Farmington, NM 87499-4289

Dear Sir:

Two approved copies of your Amended 1985 Plan of Development for the San Juan 27-5 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill three additional Dakota wells and one additional Mesaverde well, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 766-2841.

Sincerely,

[Orig. Signed] - Sid Vogelpon

For District Manager

Enclosure(s)

cc:
NMOCD, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-1
Fluids Section FRAH
File: San Juan 27-5 Unit POD
O&G Chron

015:RKent:tt:5/21/85:0733M



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION



1935 - 1985

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

May 6, 1985

El Paso Exploration Company
P.O. Box 4289
Farmington, NM 87499-4289

Attention: Alan Alexander

Re: San Juan 27-5 Unit
#14-08-001-950
Rio Arriba County, NM,
First Amendment - 1985
Drilling Program

Dear Mr. Alexander:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

A handwritten signature in cursive script, reading "Roy E. Johnson".

ROY E. JOHNSON
Senior Petroleum Geologist

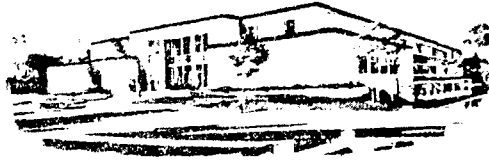
REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

May 6, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Re: San Juan 27-5 Unit
First Amendment to 1985 Drilling Program
Rio Arriba County, New Mexico

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to your 1985 Drilling Program for the San Juan 27-5 Unit Area, Rio Arriba County, New Mexico. Such plan proposes to drill the Well Nos. 69A to test the Mesaverde Formation, 126E, 138E and 163E to test the Dakota formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

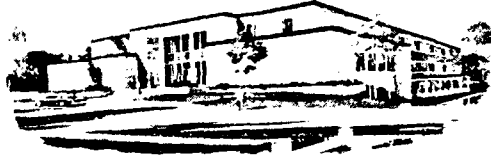
JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

May 3, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Re: San Juan 27-5 Unit
1985 Drilling Program
Rio Arriba County, New Mexico

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your 1985 Drilling Program for the San Juan 27-5 Unit Area, Rio Arriba County, New Mexico. Such program provides for the drilling of Four Mesaverde Wells and Four Dakota Wells. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

April 29, 1985

United States Department of the Interior
Bureau of Land Management
505 Marquette Avenue, Suite 815
Albuquerque, New Mexico 87102

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

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

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
First Amendment-1985 Drilling
Program

Gentlemen:

By letter dated February 22, 1985, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program for the referenced unit providing for the drilling of eight (8) wells during 1985. This program to date has been approved by the Bureau of Land Management and the Oil Conservation Division.

Subsequent to the submittal of said letter of February 22, 1985, the following wells have been proposed:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
#69A	E/2 Sec. 7, T27N, R5W	Mesaverde
#126E	W/2 Sec. 7, T27N, R5W	Dakota
#138E	E/2 Sec. 19, T27N, R5W	Dakota
#163E	W/2 Sec. 18, T27N, R5W	Dakota

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

Regulatory Bodies

-2-

April 29, 1985

If this Amendment to the 1985 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 the undersigned.

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

Very truly yours,

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

Alan Alexander *sm*
District Land Manager

AA:DMP:LD/tlm

Enclosures

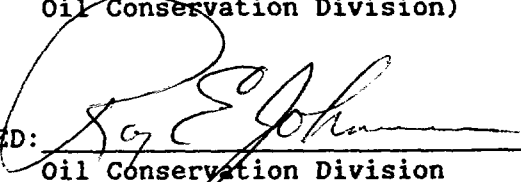
San Juan 27-5 Unit, 3.0

APPROVED: _____
Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

DATED: _____

APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

DATED: _____

APPROVED:  _____
Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

DATED: 5-6-85

The foregoing approvals for the First Amendment to 1985 Drilling Program for the San Juan 27-5 Unit #14-08-001-950, Rio Arriba County, New Mexico.

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown
Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the
Will of Gerald F. Harrington,
Deceased

Mary Jone Chappell

Coastal Oil & Gas Corporate

Mr. Sam Dazzo & Frances J. Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

The Wiser Oil Company

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon D. Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mrs. Catherine B McElvain
Mr. T.H. McElvain, Jr.

T.H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corp.
Farmington, New Mexico

Phillips Oil Company

PWG Partnership

H.O. Pool Trust

Mrs. Joe Quinn

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

Mr. M. A. Romero

Max B. Rotholz

Mrs. Mercedes Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace
Mr. James A. Brown,
Trustees the Last Will &
Testament of A.W. Brown
(EJE Brown Company)



United States Department of the Interior

San Juan 27-5
Unit (015)
14-08-001-950

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE

505 Marquette, N.W.
P.O. Box 6770
Albuquerque, New Mexico 87197-6770

#540

MAR 27 1985

El Paso Exploration Company
Attention: Mr. Alan Alexander
P.O. Box 4289
Farmington, New Mexico 87499-4289

Gentlemen:

Two approved copies of your 1985 Plan of Development for the San Juan 27-5
No. 14-08-001-950 Unit area, Rio Arriba County, New Mexico are enclosed.
Such plan, proposes the drilling of the following wells during the calendar
year 1985:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
No. 34 A	W $\frac{1}{2}$ section 30, T27N, R5W	Mesaverde
No. 45 A	W $\frac{1}{2}$ section 6, T27N, R5W	Mesaverde
No. 54 A	W $\frac{1}{2}$ section 31, T27N, R5W	Mesaverde
No. 67 A	E $\frac{1}{2}$ section 31, T27N, R5W	Mesaverde
No. 40 E	W $\frac{1}{2}$ section 16, T27N, R5W	Dakota
No. 84 E	W $\frac{1}{2}$ section 3, T27N, R5W	Dakota
No. 110 E	N $\frac{1}{2}$ section 2, T27N, R5W	Dakota
No. 117 E	N $\frac{1}{2}$ section 22, T27N, R5W	Dakota

The plan also proposes to drill any offset wells required to prevent
drainage of unitized substances. This plan was approved on this date
subject to like approval by the appropriate officials of the State of New
Mexico.

Sincerely yours,

(ORIG. SGD.) DENNIS B. UMSHLER

For District Manager

Enclosure(s)

cc:
NMOC, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-4
Fluids Section FRAH
File: San Juan 27-5 POD
O&G Chron

015:JGIlmore:t*3/25/85:0591M

#540

El Paso
Exploration Company

P.O. BOX 4089
FARMINGTON, NEW MEXICO 87403-4289
PHONE 505-325-2841

February 22, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

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

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

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
1985 Drilling Program

Gentlemen:

By letter dated August 15, 1984, El Paso Natural Gas Company, as Unit Operator, for the San Juan 27-5 Unit #14-08-001-950, filed a Drilling Program concerning the referenced unit for calendar year 1984. This program provided for the drilling of one Dakota well (#109 E, E/2 3-27N-5W).

As of this date, the total number of active wells in the San Juan 27-5 Unit is as follows:

Pictured Cliffs	48
Mesaverde	24
Pictured Cliffs/Mesaverde Duals	52
Mesaverde/Dakota Duals	10
Dakota	71
Mesaverde, Non-commercial	1
Dakota, Non-commercial	<u>1</u>
	207

Pursuant to Section 10 of the San Juan 27-5 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 1985:

February 22, 1985

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
#34 A	W/2 Section 30, T27N, R5W	Mesaverde
#45 A	W/2 Section 6, T27N, R5W	Mesaverde
#54 A	W/2 Section 31, T27N, R5W	Mesaverde
#67 A	E/2 Section 31, T27N, R5W	Mesaverde
#40 E	W/2 Section 16, T27N, R5W	Dakota
#84 E	W/2 Section 3, T27N, R5W	Dakota
#110 E	N/2 Section 2, T27N, R5W	Dakota
#117 E	N/2 Section 22, T27N, R5W	Dakota


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

EPNG, 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 the undersigned at the above address.

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

Very truly yours,


Alan Alexander
District Land Manager

AA:DMP:ld
attachment
San Juan 27-5 Unit, 3.0

APPROVED: _____

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

DATED: _____

APPROVED: _____

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

DATED: _____

APPROVED:  _____

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

DATED: 2-28-85

The foregoing approvals for the 1985 Drilling Program for the
San Juan 27-5 Unit #14-08-001-950, Rio Arriba County, New Mexico.

SAN JUAN 27-5 UNIT
WORKING INTEREST OWNERS

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown
Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the
Will of Gerald F. Harrington,
Deceased

Mary Jone Chappell

Coastal Oil & Gas Corporate

Mr. Sam Dazzo & Frances J. Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

Mr. F. Eugene Harrington

The Wiser Oil Company

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon D. Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mrs. Catherine B McElvain
Mr. T.H. McElvain, Jr.

T.H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corp.
Farmington, New Mexico

Phillips Oil Company

PWG Partnership

H.O. Pool Trust

Mr. Joe Quinn

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

Mr. M. A. Romero

Max B. Rotholz

Mrs. Mercedes Skidmore

Mr. Robert P. Tinnin

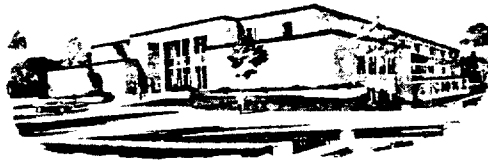
Mrs. Evelyn Ellen Wallace
Mr. James A. Brown,
Trustees the Last Will &
Testament of A.W. Brown
(EJE Brown Company)

State of New Mexico

#540



JIM BACA
COMMISSIONER



Commissioner of Public Lands

October 1, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Re: San Juan 27-5 Unit
Rio Arriba County
1984 Drilling Program

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Drilling Program for the San Juan 27-5 Unit area, Rio Arriba County, New Mexico. Such plan provides for the drilling of the Well No. 109 E on the E/2 of Section 3, Township 27 North, Range 5 West as a Dakota infill well. Our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

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

August 30, 1984

#540

El Paso Exploration Company
P.O. Box 4289
Farmington, NM 87499-4289

Attention: Alan Alexander

Re: San Juan 27-5 Unit
#14-08-001-950
1984 Drilling Program
Rio Arriba County, NM

Dear Mr. Alexander:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

A handwritten signature in cursive script, appearing to read "Roy E. Johnson".

ROY E. JOHNSON
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec



P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499-4289
PHONE: 505-325-2841

Ext. 3104

August 15, 1984

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

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

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

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
1984 Drilling Program

Gentlemen:

By letter dated October 5, 1983, El Paso Natural Gas Company, as Unit Operator of the San Juan 27-5 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1983. This program provided for the drilling of one Mesaverde well (#196-W $\frac{1}{2}$ 15-27N-5W).

As of this date the total number of wells in the San Juan 27-5 Unit is as follows:

Pictured Cliffs	48
Mesaverde	24
Dual, Pictured Cliffs/Mesaverde	52
Dual, Mesaverde/Dakota	10
Dakota	70
Mesaverde, Non-commercial	1
Dakota, Non-commercial	1
	<u>206</u>

Pursuant to Section 10 of the San Juan 27-5 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following well during the calendar year 1984:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
#109 E	E $\frac{1}{2}$ Section 3, T27N, R5W	Dakota

Regulatory Agencies
August 15, 1984
Page Two

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

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

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

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

A handwritten signature in dark ink, appearing to read "Alan Alexander".

Alan Alexander
District Land Manager

AA:ld
attachment
San Juan 27-5 Unit

San Juan 27-5 Unit
Working Interest Owners

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the Will
of Gerald F. Harrington, Deceased

Mary Jone Chappell

Costal Oil & Gas Corporate

Mr. Sam Dazzo & Frances Joy Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon Dewey Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain,
Individual & as Executor

Mr. T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corporation
Farmington, New Mexico

Phillips Oil Company

PWG Partnership

H. O. Pool Trust

Mr. Joe Quinn

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

Mr. M. A. Romero

Max B. Rotholz

Mrs. Mercedes Candelaria Skidmore

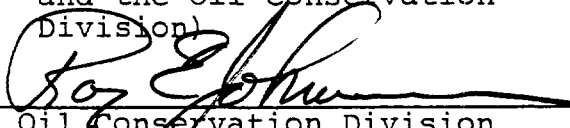
Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace &
Mr. James A. Brown, Trustees under
the Last Will & Testament of A. W. Brown

The Wiser Oil Company

APPROVED: _____ DATE: _____
Area Oil & Gas Supervisor
Bureau of Land Management
(Subject to like approval by
the Commissioner of Public
Lands and the Oil Conserva-
tion Division)

APPROVED: _____ DATE: _____
Commissioner of Public Lands
(Subject to like approval by
the Bureau of Land Management
and the Oil Conservation
Division)

APPROVED:  DATE: 8-28-84
Oil Conservation Division
(Subject to like approval by
the Bureau of Land Management
and the Commissioner of Public
Lands)

The foregoing approvals for the 1984 Drilling Program for the
San Juan 27-5 Unit #14-08-001-950, Rio Arriba County, New Mexico.



IN REPLY REFER TO:

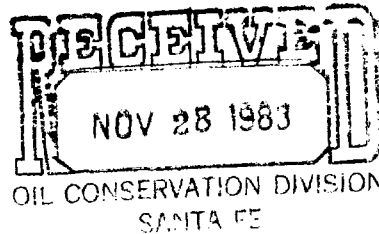
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

505 Marquette Avenue N.W., Suite 815
P. O. Box 5770
Albuquerque, New Mexico 87107

San Juan 27-5 Unit

#540



22 NOV 1983

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

Gentlemen:

Three approved copies of your 1983 plan of development for the San Juan 27-5 unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing drilling a Mesaverde well #196, in the W $\frac{1}{2}$ section 15, T. 27 N., R. 5 W., was approved on this date subject to like approval by the appropriate officials of the state of New Mexico.

Sincerely yours,

(SIGNED) J. A. STEPHENS

for District Manager

Enclosures

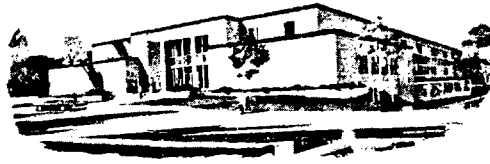
cc:

Comm. of Public Lands, Santa Fe
NMOCD, Santa Fe
Farmington RAH (w/encl.)



JIM BACA
COMMISSIONER

State of New Mexico



Commissioner of Public Lands
November 3, 1983

#540

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

El Paso Exploration Company
P. O. Box 1492
El Paso, Texas 79978

Re: San Juan 27-5 Unit
Rio Arriba County, New Mexico
1983 Drilling Program

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Drilling Program for the San Juan 27-5 Unit Area, Rio Arriba County, New Mexico. Such plan proposes to drill the Well No. 196 on the W/2 of Section 15, Township 27 North, Range 5 West, to test the Mesaverde formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

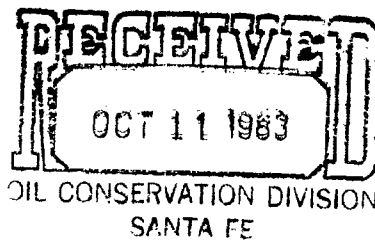
JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.
cc:

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

El Paso
Exploration Company



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

October 5, 1983

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

#540

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

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

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
1983 Drilling Program

Gentlemen:

By letter dated July 7, 1982, El Paso Natural Gas Company, as Unit Operator of the San Juan 27-5 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1982. This program provided for the drilling of three Mesaverde/Dakota dual wells and one Pictured Cliffs well.

As of this date the total number of wells in the San Juan 27-5 Unit is as follows:

Pictured Cliffs	48
Mesaverde	23
Dual, Pictured Cliffs/Mesaverde	52
Dual, Mesaverde/Dakota	10
Dakota	70
Mesaverde, Non-commercial	1
Dakota, Non-commercial	1
	<u>205</u>

Pursuant to Section 10 of the San Juan 27-5 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 1983:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
#196	W/2 of Sec. 15, T-27-N, R-5-W	Mesaverde

Regulatory Agencies
Page Two


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

El Paso Natural Gas Company, as Unit Operator, plans to drill and 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,


James R. Permenter
Director, Land Administration
Land Department *USA*

JRP:VLG:cc
Enclosures
SJ 27-5 Unit, 3.0

APPROVED:

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

DATED: _____

APPROVED:

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

DATED: _____

APPROVED:

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

DATED: 10-24-83

San Juan 27-5 Unit
Working Interest Owners

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company (4)

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the Will
of Gerald F. Harrington, Deceased

Mary Jone Chappell

Costal Oil & Gas Corporate

Mr. Sam Dazzo & Frances Joy Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon Dewey Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain,
Individual & as Executor

Mr. T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Prop.

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corporation
Farmington, New Mexico

PWG Partnership

H. O. Pool Trust

Mr. Joe Quinn

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

Mr. M. A. Romero

Max B. Rotholz

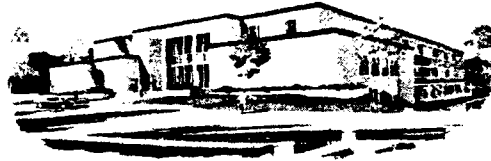
Mrs. Mercedes Candelaria Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace &
Mr. James A. Brown, Trustees under
the Last Will & Testament of A. W. Brown

The Wiser Oil Company

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER

Commissioner of Public Lands

November 5, 1982

P. O. BOX 1148
SANTA FE, N. M. 87504-1148

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

245-540
P# 322

Re: San Juan 27-5 Unit
Rio Arriba County, New Mexico
TWENTY-NINTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective August 1, 1981
NOTICE OF COMPLETION OF ADDITIONAL
WELL - Dakota Formation

ATTENTION: Mr. James R. Permenter

Gentlemen:

This will acknowledge receipt of your letter dated October 20, 1982, together with three copies of the Twenty-Ninth Expanded Participating Area for the Mesaverde formation along with your Notice of Completion of Additional well. The effective date of this Participating Area is August 1, 1981.

Inasmuch as this needs no official approval the Commissioner of Public Lands accepts these instruments for record purposes and has this date been filed in our unit file.

Enclosed is one copy reflecting the date this was received in our office.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-2748

AJA/FOP/pm
encls.

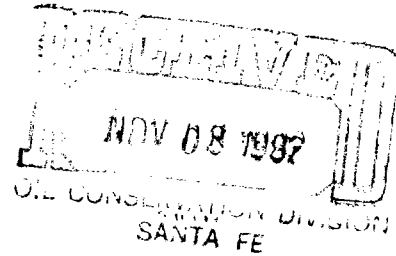
cc: OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico
Administration

October 20, 1982

Minerals Management Service
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

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

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



Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
TWENTY-NINTH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective August 1, 1981
NOTICE OF COMPLETION OF ADDITIONAL
WELL - Dakota Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 27-5 Unit Agreement, #14-08-001-950, approved August 31, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that two (2) additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 27-5 Unit #98E Well, located 1840' from the South line and 1120' from the West line of Section 14, Township 27 North, Range 5 West, N.M.P.M., was spudded on May 13, 1981, and completed on July 15, 1981, at a plugged back depth of 7903'. The Mesaverde Formation at the selected intervals between 5108' to 6000' was treated with a sand-water fracturing process on June 28, 1981. The well was shut-in on July 15, 1981, and after being shut-in for fifteen (15) days, the Mesaverde Formation was tested on July 30, 1981, using the choke nipple tube method with an after frac guage of 7692 MCF/D, with an SIPC of 1019 psia and an SIPT of 1058 psia. The Dakota Formation at the selected intervals between 7636' and 7843' was treated with a sand-water fracturing process on June 28, 1981. The well was shut-in on July 15, 1981, and after being shut-in for eight (8) days, the

Dakota Formation was tested on July 23, 1981, using the choke nipple tube method with an after frac guage of 720 MCF/D, with an SIPC of 0 psia and an SIPT of 2248 psia. The spacing unit for this well is described as the W/2 of Section 14, Township 27 North, Range 5 West, N.M.P.M., containing 320.00 acres.

The San Juan 27-5 Unit #101E Well, located 880' from the South line and 1560' from the East line of Section 10, Township 27 North, Range 5 West, N.M.P.M., was spudded on October 25, 1980, and completed on July 1, 1981, at a plugged back depth of 8626'. The Mesaverde Formation at the selected intervals between 5880' and 6752' was treated with a sand-water fracturing process on May 21, 1981. The well was shut-in on June 17, 1981, and after being shut-in for fourteen (14) days, the Mesaverde Formation was tested on July 1, 1981, using the choke nipple tube method with an after frac guage of 8352 MCF/D, with an SIPC of 1035 psia and an SIPT of 1025 psia. The Dakota Formation at the selected intervals between 8410' and 8588' was treated with a sand-water fracturing process on May 21, 1981. The well was shut-in on June 17, 1981, and after being shut-in for seven (7) days, the Dakota Formation was tested on June 24, 1981, using the choke nipple tube method with an after frac guage of 1118 MCF/D, with an SIPC of 1035 psia and an SIPT of 2171 psia. The spacing unit for this well is described as the S/2 of Section 10, Township 27 North, Range 5 West, N.M.P.M., containing 320.00 acres.

The drilling blocks for the #98E and #101E wells is included in the San Juan 27-5 Unit Twenty-Ninth Expanded Participating Area of the Mesaverde Formation, effective August 1, 1980. The Dakota Formations of both of the above wells have been completed on acreage already in the existing Dakota Participating Area. The completion of these wells does not warrant any further expansion of the Dakota Participating Area.


In addition to the above, the completion of the #98E and #101E wells creates two (2) intervening drilling blocks described as the W/2 of Section 11, T-27-N, R-5-W, and all of Section 15, T-27-N, R-5-W, which pursuant to the terms of the Unit Agreement must also be admitted to the Participating Area.

Attached hereto is Schedule XXX showing the Twenty-Ninth Expanded Participating Area for the Mesaverde Formation in the San Juan 27-5 Unit Area. This Schedule describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentages allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Expanded Participating Area will become effective as of August 1, 1981 respectively.

Regulatory Agencies
October 20, 1982
Page Three

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
Director, Land Administration
Land Department *VLG*

JRP:VLG:cc
Attachments
SJ 27-5, 4.2, 4.3

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

San Juan 27-5 Unit
Working Interest Owners

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company
Denver, Colorado
Attention: Land Department

Amoco Production Company
Denver, Colorado
Attention: Production Department

Amoco Production
Farmington, New Mexico

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the Will
of Gerald F. Harrington, Deceased

Mary Jone Chappell

Costal Oil & Gas Corporate

Mr. Sam Dazzo & Frances Joy Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon Dewey Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain,
Individual & as Executor

Mr. T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Prop.

Mr. James M. Raymond, Individual
and as Attorney-in-Fact for
Mabelle McElvain Miller

James M. Raymond, Trustee
for Corinne Miller Gay Trust

James M. Raymond, Trustee
for Maydell Miller Mast Trust

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corporation
Farmington, New Mexico

PWG Partnership

H. O. Pool Trust

Mr. Joe Quinn

Mr. James M. Raymond,
Individually and as Trustee

Mr. M. A. Romero

Max B. Rotholz

Mrs. Mercedes Candelaria Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace &

Mr. James A. Brown, Trustees under
the Last Will & Testament of A. W. Brown

The Wiser Oil Company



IN REPLY
REFER TO:

United States Department of the Interior

MINERALS MANAGEMENT SERVICE

SOUTH CENTRAL REGION

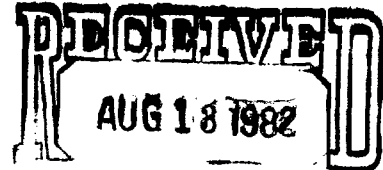
505 MARQUETTE AVENUE, N.W., SUITE 815

ALBUQUERQUE, NEW MEXICO 87102

AUG 11 1982

540

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



WATER DIVISION
SANTA FE

Gentlemen:

Three approved copies of your 1982 plan of development for the San Juan 27-5 unit area, Rio Arriba County, New Mexico, are enclosed. Such plan, proposing to drill three Mesaverde/Dakota wells from the 1981 drilling program and drill one Pictured Cliffs well, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

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

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

FOR Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosures

cc:

NMOCD

Comm. of Public Lands



IN REPLY
REFER TO:

United States Department of the Interior

MINERALS MANAGEMENT SERVICE

SOUTH CENTRAL REGION

505 MARQUETTE AVENUE, N.W., SUITE 815
ALBUQUERQUE, NEW MEXICO 87102

03 AUG 1982

540

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

Gentlemen:

Enclosed are three copies of the twenty-fifth and twenty-sixth revision to the Pictured Cliffs Participating Area and Notice of Completion of Additional Wells in the Mesaverde Formation, San Juan 27-5 Unit, Rio Arriba County, New Mexico. The revisions and Notice of Completion of Additional Wells are hereby accepted for record on this date. The twenty-fifth revision will be effective as of June 1, 1980, and the twenty-sixth revision will be effective as of August 1, 1980.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

FOR: Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

cc:
Commissioner of Public Lands
NMOCD ✓
DS, Farmington (w/cy)
Roswell Accounting



BRUCE KING
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

July 21, 1982

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

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

540

Attention: D. N. Canfield

Re: San Juan 27-5 Unit
#14-08-001-950, Rio Arriba
County, New Mexico
1982 Drilling Program

Dear Mr. Canfield:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the U. S. Minerals Management Service.

Sincerely,

W. PERRY PEARCE
General Counsel

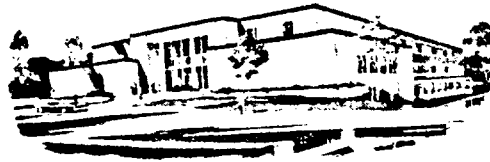
WPP/dr

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

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

July 21, 1982

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501
87504-1148

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

Re: San Juan 27-5 Unit
Rio Arriba County, New Mexico
1982 Drilling Program

540

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1982 Drilling Program for the San Juan 27-5 Unit Area, Rio Arriba County, New Mexico. Such plan proposes to drill three Mesaverde/Dakota wells and one Pictured Cliffs well. Our approval is subject to like approval by the United States Minerals Management Service 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
AC 505/827-2748

AJA/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico
Administration

El Paso NATURAL GAS
COMPANY

70151
JUL 21 1982
P.O. BOX 1492
OIL FIELD, TEXAS 79978
PHONE 915-543-2600

July 7, 1982

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

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

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

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
1982 Drilling Program

Gentlemen:

By letter dated November 7, 1980, El Paso Natural Gas Company, as Unit Operator of the San Juan 27-5 Unit, filed a Drilling Program covering the subject Unit for the calendar year 1981. By letter dated May 18, 1981, the 1981 Drilling Program was revised. This program provided for the drilling of four Mesaverde/Dakota dual wells.

As of this date the total number of wells in the San Juan 27-5 Unit is as follows:

Pictured Cliffs	47
Mesaverde	23
Dual, Pictured Cliffs/Mesaverde	52
Dual, Mesaverde/Dakota	7
Dakota	70
Mesaverde, Non-commercial	1
Dakota, Non-commercial	1
	<u>201</u>

Pursuant to Section 10 of the San Juan 27-5 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 1982:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
96E	E/2 of Sec. 15 (MV), N/2 of Sec. 15 (DK)	MV/DK
99E	W/2 of Sec. 11 (MV), N/2 of Sec. 11 (DK)	MV/DK
113E	W/2 of Sec. 10 (MV), N/2 of Sec. 10 (DK)	MV/DK
199	E/2 of Sec. 10	Pic. Cliffs

Well numbers 96E, 99E and 113E are being carried over from the 1981 drilling program.

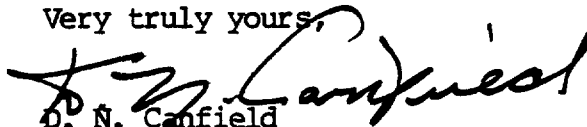

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

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
Attorney-in-Fact 


DNC:VLG:jb
Enclosures
SJ 27-5 Unit, 3.0

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

DATE: _____

Approved: _____
Commissioner of Public Lands
(Subject to like approval by the
United States Geological Survey and
the Oil Conservation Division)

DATE: _____

Approved:  _____
Oil Conservation Division
(Subject to like approval by the
United States Geological Survey
and the Commissioner of Public Lands)

DATE: 7/24/82

San Juan 27-5 Unit
Working Interest Owners

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company
Denver, Colorado
Attention: Land Department

Amoco Production Company
Denver, Colorado
Attention: Production Department

Amoco Production
Farmington, New Mexico

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the Will
of Gerald F. Harrington, Deceased

Mary Jone Chappell

Costal Oil & Gas Corporate

Mr. Sam Dazzo & Frances Joy Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon Dewey Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mr. T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Prop.

Mr. James M. Raymond, Individual
and as Attorney-in-Fact for
Mabelle McElvain Miller

James M. Raymond, Trustee
for Corinne Miller Gay Trust

James M. Raymond, Trustee
for Maydell Miller Mast Trust

Mrs. Cruzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corporation
Farmington, New Mexico

(El Paso Exploration Company)

PWG Partnership

H. O. Pool Trust

Mr. Joe Quinn

Mr. James M. Raymond
Individually and as Trustee

Mr. M. A. Romero

Max B. Rotholz

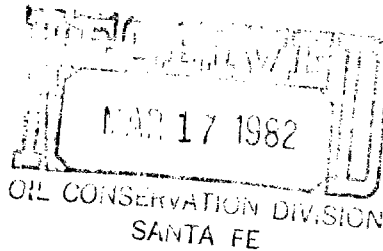
Mrs. Mercedes Candelaria Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace &
Mr. James A. Brown, Trustees under
the Last Will & Testament of A. W. Brown

The Wiser Oil Company

El Paso
Exploration Company



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

March 12, 1982

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

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

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

Re: San Juan 27-5 Unit
#14-08-001-950, Rio Arriba
County, New Mexico
TWENTY-FIFTH AND TWENTY-SIXTH
EXPANDED PARTICIPATING AREAS
Pictured Cliffs Formation
Effective June 1, 1980 and
August 1, 1980 and
NOTICE OF COMPLETION OF ADDITIONAL
WELL - Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 27-5 Unit Agreement, #14-08-001-950, approved August 31, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that two (2) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 27-5 Unit #60A Well, located 1770' from the South line and 1610' from the East line of Section 4, Township 27 North, Range 5 West, N.M.P.M., was spudded on October 3, 1979, and completed on May 21, 1980, at a plugged back depth of 6035'. The Pictured Cliffs formation at the selected intervals between 3430' and 3494' was treated with a sand-water fracturing process on April 12, 1980. The well was shut-in on May 6, 1980,

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and after being shut-in for fifteen (15) days, the Pictured Cliffs formation was tested on May 21, 1980, using the Pitot tube method with an after frac guage of 1324 MCF/D, with an SIPC of 1080 psia and an SIPT of 1089 psia. The Mesaverde formation at the selected intervals between 5107' and 5961' was treated with a sand-water fracturing process on April 12, 1980. The well was shut-in on May 6, 1980, and after being shut-in for seven (7) days, the Mesaverde formation was tested on May 13, 1980, using the Pitot tube method with an after frac guage of 4912 MCF/D, with an SIPT of 873 psia. The spacing unit for this well is described as the E/2 of Section 4, Township 27 North, Range 5 West, N.M.P.M., containing 319.69 acres.

The San Juan 27-5 Unit #21A Well, located 1800' from the South line and 810' from the East line of Section 3, Township 27 North, Range 5 West, N.M.P.M., was spudded on October 13, 1979, and completed on July 3, 1980, at a plugged back depth of 6156'. The Pictured Cliffs formation at the selected intervals between 3535' and 3582' was treated with a sand-water fracturing process on April 21, 1980. The well was shut-in on June 23, 1980, and after being shut-in for ten (10) days, the Pictured Cliffs formation was tested on July 3, 1980, using the Pitot tube method with an after frac guage of 1756 MCF/D, with an SIPC of 1080 psia and an SIPT of 1088 psia. The Mesaverde formation at the selected intervals between 5214' and 6000' was treated with a sand-water fracturing process on April 20, 1980. The well was shut-in on June 22, 1980, and after being shut-in for one (1) day, the Mesaverde formation was tested on June 23, 1980, using the Pitot tube method with an after frac guage of 4069 MCF/D, with an SIPT of 1000 psia. The spacing unit for this well is described as the E/2 of Section 3, Township 27 North, Range 5 West, N.M.P.M., containing 319.16 acres.

The drilling blocks for the #60A well is included in the San Juan 27-5 Unit Twenty-Fifth Expanded Participating Area of the Pictured Cliffs formation, effective June 1, 1980. The drilling block for the #21A well is included in the San Juan 27-5 Unit Twenty-Sixth Expanded Participating Area of the Pictured Cliffs formation, effective August 1, 1980. The Mesaverde formations of both of the above wells have been completed on acreage already in the existing Mesaverde Participating Area. The completion of these wells do not warrant any further expansion of the Mesaverde Participating Area.

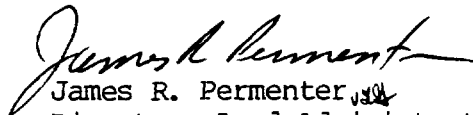
In addition to the above, the completion of the #21A well creates two (2) intervening drilling blocks described as the E/2 of Section 10, T-27-N, R-5-W, and the W/2 of Section 3, T-27-N, R-5-W, which pursuant to the terms of the Unit Agreement must also be admitted to the Participating Area.

Attached hereto are Schedules XXVI and XXVII showing the Twenty-Fifth and Twenty-Sixth Expanded Participating Areas for the Pictured Cliffs formation in the San Juan 27-5 Unit Area. These Schedules describe the Expanded Participating Areas, shows the percentage of unitized substances allocated to

each unitized tract, and the exact breakdown of percentages allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, these Expanded Participating Areas will become effective as of June 1, 1980 and August 1, 1980 respectively.

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

Very truly yours,



James R. Permenter, ¹⁹⁸⁰
Director, Land Administration
Land Department

JRP:VLG:jec
Attachments
SJ 27-5, 4.1, 4.2.1

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

SCHEDULE XXVI
TWENTY-FIFTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 27-5 UNIT AREA

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION	
			OWNERSHIP	PERCENTAGE			
3F 079367	<u>T-27-N, R-5-W</u>		<u>TRACT 1</u>			<u>5.713803%</u>	
	Sec. 30:	Lots 2, 3, 4, E/2 W/2, NE/4, N/2 SE/4	Royalty; Working Interest: El Paso Natural Gas Co.;	12.500000%	12.500000%		
	Sec. 31:	Lots 1, 2, 3, 4, E/2 W/2, E/2 NE/4, SE/4	ORRI;	82.500000%	82.500000%		
				5.000000%	5.000000%		
			TOTAL	100.000000%	100.000000%		
	3F 079391	<u>T-27-N, R-5-W</u>		<u>TRACT 2</u>			<u>13.571772%</u>
		Sec. 7:	Lots 1, 2, 3, 4, E/2 W/2, E/2 (A11)	Royalty; Working Interest: El Paso Natural Gas Co.;	12.500000%	12.500000%	
		Sec. 8:	A11	ORRI;	82.500000%	82.500000%	
		Sec. 9:	A11		5.000000%	5.000000%	
		Sec. 18:	Lots 1, 2, 3, 4, E/2 W/2, E/2 (A11)		TOTAL	100.000000%	100.000000%
3F 079392		<u>T-27-N, R-5-W</u>		<u>TRACT 3</u>			<u>13.564570%</u>
		Sec. 17:	A11	Royalty;	12.500000%	12.500000%	
		Sec. 19:	Lots 1, 2, 3, 4, E/2 W/2, E/2 (A11)	Working Interest: El Paso Natural Gas Co.;	82.500000%	82.500000%	
		Sec. 20:	A11	ORRI;	5.000000%	5.000000%	
		Sec. 28:	NW/4	TOTAL	100.000000%	100.000000%	
	Sec. 29:	W/2, NE/4					

SCHEDULE XXVI

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
SF 079393	<u>T-27-N, R-5-W</u>	1921.43	<u>TRACT 4</u>			<u>10.174010%</u>
	Sec. 4: <u>Lots 1, 2, 3, 4,</u> <u>S/2 N/2, S/2 (A11)</u>		Royalty;	12.500000%	12.500000%	
	Sec. 5: <u>Lots 1, 2, 3, 4,</u> <u>S/2 N/2, S/2 (A11)</u>		Working Interest: El Paso Natural Gas Co.;	82.500000%	82.500000%	
	Sec. 6: <u>Lots 1, 2, 3, 4,</u> <u>5, 6, 7, S/2 NE/4,</u> <u>SE/4 NW/4, E/2</u> <u>SW/4, SE/4 (A11)</u>		ORRI;	5.000000%	5.000000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	
SF 079394	<u>T-27-N, R-5-W</u>	2560.00	<u>TRACT 5</u>			<u>13.555251%</u>
	Sec. 21: <u>W/2 W/2, E/2 E/2,</u> <u>NE/4 NW/4, NW/4</u> <u>NE/4, SE/4 SW/4,</u> <u>SW/4 SE/4</u>		Royalty;	12.500000%	12.500000%	
			Working Interest: El Paso Natural Gas Co.;	82.500000%	82.500000%	
			ORRI;	5.000000%	5.000000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	
SF 079493	<u>T-27-N, R-5-W</u>	1000.00	<u>TRACT 6</u>			<u>5.295020%</u>
	Sec. 15: <u>SW/4, W/2 SE/4</u>		Royalty;	12.500000%	12.500000%	
	Sec. 22: <u>S/2 SE/4,</u> <u>NW/4 NE/4, W/2</u>		Working Interest: PWG Partnership;	50.833340%	50.833340%	
	Sec. 27: <u>E/2</u>		T. H. Harrington; Central National Bank & Trust Co. of Des Moines, Iowa, Trustee and Executor of the Estate of Gerald F. Harrington, Dec'd. ORRI;	12.708330%	12.708330%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXVI

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION	
			OWNERSHIP	PERCENTAGE			
F 079491	T-27-N, R-5-W Sec. 12: W/2	320.00	TRACT 7		12.500000%	1.694407%	
			Royalty;	12.500000%			
			Working Interest;				
			Northwest Pipeline Corp.;	85.000000%			
			ORRI;	2.500000%			
			TOTAL	100.000000%			
			TRACT 7-A				
			Royalty;	12.500000%			
			Working Interest;				
			Amoco Production Co.;	85.000000%			
F 079491-A	T-27-N, R-5-W Sec. 10: W/2	320.00	TRACT 7-A		12.500000%	1.694407%	
			Royalty;	12.500000%			
			Working Interest;				
			Amoco Production Co.;	85.000000%			
			ORRI;	2.500000%			
			TOTAL	100.000000%			
			TRACT 7-A				
			Royalty;	12.500000%			
			Working Interest;				
			Amoco Production Co.;	85.000000%			
F 079492	T-27-N, R-5-W Sec. 25: NE/4, NE/4 SE/4	200.00	TRACT 8		12.500000%	1.059004%	
			Royalty;	12.500000%			
			Working Interest;				
			El Paso Natural Gas Co.;	49.809378%			
			Evelyn Ellen Wallace & James Algernon Brown, Trustees Under the Last Will and Testament of Algernon W. Brown; & Evelyn G. Brown & James Algernon Brown, Individually;	4.364062%			
			Langdon Dewey Harrison, Trustee;	1.722656%			
			Robert P. Tinnin;	.574218%			
			J. R. Abercrombie;	1.454687%			
			Ralph H. McCullough;	1.454687%			
			TRACT 8				

(TRACT 8 CONTINUES ON NEXT PAGE)

(TRACT 8 CONTINUES ON NEXT PAGE)

SCHEDULE XXVI

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
<u>TRACT 8 (CONT'D.)</u>						
	Texas Commerce Bank, Ancillary Guardian of John L. Abercrombie; Lela L. Barkley; H. O. Pool; Catherine B. McElvain, Indiv. and as Executrix of the Estate of T. H. McElvain; ORRI;			.727344% .727344% 4.364062%	.727344% .727344% 4.364062%	
	TOTAL			<u>19.140625%</u> <u>3.160937%</u> <u>100.000000%</u>	<u>19.140625%</u> <u>3.160937%</u> <u>100.000000%</u>	
	<u>TRACT 9</u>					<u>2.541610%</u>
3F 079492-A	<u>T-27-N, R-5-W</u>	480.00				
	Sec. 13: NW/4		Royalty;	12.500000%	12.500000%	
	Sec. 15: N/2		Working Interest; Northwest Pipeline Corp.;	85.000000% 2.500000%	85.000000% 2.500000%	
			ORRI;	100.000000%	100.000000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	
	<u>TRACT 10</u>					
3F 079492-B	<u>T-27-N, R-5-W</u>	920.00				
	Sec. 23: E/2, SW/4		Royalty;	12.500000%	12.500000%	
	E/2 SW/4		Working Interest;	83.125000%	83.125000%	
	Sec. 24: W/2, N/2		El Paso Natural Gas Co.;	4.375000%	4.375000%	
	S/2 SE/4		ORRI;	100.000000%	100.000000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	
						<u>4.871418%</u>

SCHEDULE XXVI

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
F 079493%	<u>T-27-N, R-5-W</u>	440.00	<u>TRACT 11</u>			
	Sec. 25: NW/4 SE/4, S/2 SE/4, W/2					
	Royalty;		12.500000%	12.500000%		<u>2.329809%</u>
	Working Interest:					
	El Paso Natural Gas Co.;		49.809378%	49.809378%		
	Evelyn Ellen Wallace & James					
	Algernon Brown, Trustees Under					
	the Last Will and Testament of					
	Algernon W. Brown; and Evelyn G.					
	Brown & James Algernon Brown,					
Individually;						
Langdon Dewey Harrison, Trustee;		4.364062%	4.364062%			
Robert P. Tinnin;		1.722656%	1.722656%			
J. R. Abercrombie;		.574218%	.574218%			
Ralph H. McCullough;		1.454687%	1.454687%			
Texas Commerce Bank, Ancillary		1.454687%	1.454687%			
Guardian of John L. Abercrombie;		.727344%	.727344%			
Lela L. Barkley;		.727344%	.727344%			
H. O. Pool;		4.364062%	4.364062%			
Catherine B. McElvain, Indiv.						
and as Executrix of the						
Estate of T. H. McElvain;		19.140625%	19.140625%			
ORRI;		3.160937%	3.160937%			
TOTAL		100.000000%	100.000000%			
			<u>TRACT 12</u>			
F 079493-A	<u>T-27-N, R-5-W</u>	960.00				
	Sec. 26: N/2 NW/4, NE/4, S/2 SW/4					
	Royalty;		12.500000%	12.500000%		<u>5.083219%</u>
	Working Interest:					
El Paso Natural Gas Co.;		83.125000%	83.125000%			
ORRI;		4.375000%	4.375000%			
TOTAL		100.000000%	100.000000%			

SCHEDULE XXVI

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
-290-3	T-27-N, R-5-W Sec. 16: NW/4 Sec. 32: W/2 Sec. 36: NE/4	640.00	Royalty; Working Interest: Wiser Oil Co.; ORRI;	12.500000% 87.500000% .000000%	12.500000% 87.500000% .000000%	3.388813%
	TOTAL			100.000000%	100.000000%	
-290-32	T-27-N, R-5-W Sec. 16: N/2 NE/4 Sec. 32: SE/4 Sec. 36: S/2 NW/4	320.00	Royalty; Working Interest: Northwest Production Corp.; ORRI;	12.500000% 75.000000% 12.500000%	12.500000% 75.000000% 12.500000%	1.694407%
	TOTAL			100.000000%	100.000000%	
-290-19	T-27-N, R-5-W Sec. 16: S/2 NE/4, S/2 Sec. 32: NE/4 Sec. 36: N/2 NW/4, SW/4	800.00	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI;	12.500000% 82.500000% 5.000000%	12.500000% 82.500000% .000000%	4.236016%
	TOTAL			100.000000%	95.000000%	
-6833-3	T-27-N, R-5-W Sec. 36: SE/4	160.00	Royalty; Working Interest: Amoco Production Co.; ORRI;	12.500000% 82.500000% 5.000000%	12.500000% 82.500000% 5.000000%	.847203%
	TOTAL			100.000000%	100.000000%	

SCHEDULE XXVI

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
ee	T-27-N, R-5-W Sec. 13: SW/4	160.00	TRACT 18			.847203%
	Royalty;		12.500000%	12.500000%		
	Working Interest:					
	El Paso Natural Gas Co.;		43.750000%	43.750000%		
	El Paso Natural Gas Co.;		42.500000%	42.500000%		
	ORRI;		1.250000%	1.250000%		
	TOTAL		100.000000%	100.000000%		
	TRACT 19					.847203%
	T-27-N, R-5-W Sec. 15: E/2 SE/4 Sec. 22: E/2 NE/4	160.00				
	Royalty;		12.500000%	12.500000%		
Working Interest:						
El Paso Natural Gas Co.;		64.350000%	64.350000%			
Eulogia C. Candelaria;		8.450000%	8.450000%			
Ophelia C. Montoya;		.938888%	.938888%			
Orlando Candelaria;		.938889%	.938889%			
Mercedes Candelaria Skidmore;		.938889%	.938889%			
Pablo Leopoldo Candelaria;		.938889%	.938889%			
Cruzelia C. Montoya;		.938889%	.938889%			
J. Fidel Candelaria;		.938889%	.938889%			
Donald R. Candelaria;		.938889%	.938889%			
Paul M. Candelaria;		.938889%	.938889%			
Eulogia C. Candelaria, Guardian of Nickie G. Candelaria, a Minor;		.938889%	.938889%			
ORRI;		6.250000%	6.250000%			
TOTAL		100.000000%	100.000000%			

SCHEDULE XXVI

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
ee	<u>T-27-N, R-5-W</u>		<u>TRACT 20</u>		<u>.847203%</u>	
	160.00					
	T-27-N, R-5-W		Royalty;	12.500000%	12.500000%	
	Sec. 21: SW/4 NE/4,		Working Interest:			
	SE/4 NW/4,		El Paso Natural Gas Co.;	82.500000%	82.500000%	
	NW/4 SE/4,		ORRI;	5.000000%	5.000000%	
	NE/4 SW/4					
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	
ee	<u>T-27-N, R-5-W</u>		<u>TRACT 21</u>		<u>.847203%</u>	
	160.00					
	T-27-N, R-5-W		Royalty;	12.500000%	12.500000%	
	Sec. 22: N/2 SE/4,		Working Interest:			
	SW/4 NE/4		El Paso Natural Gas Co.;	64.350000%	64.350000%	
	Sec. 23: NW/4 SW/4		Eulogia C. Candelaria;	8.450000%	8.450000%	
			Ophelia C. Montoya;	.938888%	.938888%	
			Orlando Candelaria;	.938889%	.938889%	
			Mercedes Candelaria Skidmore;	.938889%	.938889%	
			Pablo Leopoldo Candelaria;	.938889%	.938889%	
			Cruzelia C. Montoya;	.938889%	.938889%	
			J. Fidel Candelaria;	.938889%	.938889%	
			Donald R. Candelaria;	.938889%	.938889%	
			Paul M. Candelaria;	.938889%	.938889%	
			Eulogia C. Candelaria, Guardian of			
			Nickie G. Candelaria, a Minor;	.938889%	.938889%	
			ORRI;	6.250000%	6.250000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXVI

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
See <u>T-27-N, R-5-W</u> Sec. 23: <u>NW/4</u>		160.00	<u>TRACT 22</u>			
			Royalty;	12.500000%	12.500000%	<u>.847203%</u>
			Working Interest:			
			El Paso Natural Gas Co.;	64.350000%	64.350000%	
			Eulogia C. Candelaria;	8.450000%	8.450000%	
			Ophelia C. Montoya;	.938888%	.938888%	
			Orlando Candelaria;	.938889%	.938889%	
			Mercedes Candelaria Skidmore;	.938889%	.938889%	
			Pablo Leopoldo Candelaria;	.938889%	.938889%	
			Cruzelia C. Montoya;	.938889%	.938889%	
			J. Fidel Candelaria;	.938889%	.938889%	
			Donald R. Candelaria;	.938889%	.938889%	
			Paul M. Candelaria;	.938889%	.938889%	
Eulogia C. Candelaria, Guardian of Nickie G. Candelaria, a Minor; ORRI;	.938889% 6.250000% <u>100.000000%</u>	.938889% 6.250000% <u>100.000000%</u>				
TOTAL						
<u>TRACT 23</u>						
Royalty;	12.500000%	12.500000%	<u>.847203%</u>			
Working Interest:						
Northwest Pipeline Corp.;	87.500000%	87.500000%				
ORRI;	.000000%	.000000%				
TOTAL						

SCHEDULE XXVI

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
<u>TRACT 24</u>						
T-27-N, R-5-W		160.00	Royalty;	12.500000%	12.500000%	<u>.847203%</u>
Sec. 26: S/2 NW/4, N/2 SW/4			Working Interest:			
			El Paso Natural Gas Co.;	64.350000%	64.350000%	
			Eulogia C. Candelaria;	8.450000%	8.450000%	
			Ophelia C. Montoya;	.938888%	.938888%	
			Orlando Candelaria;	.938889%	.938889%	
			Mercedes Candelaria Skidmore;	.938889%	.938889%	
			Pablo Leopoldo Candelaria;	.938889%	.938889%	
			Cruzelia C. Montoya;	.938889%	.938889%	
			J. Fidel Candelaria;	.938889%	.938889%	
			Donald R. Candelaria;	.938889%	.938889%	
			Paul M. Candelaria;	.938889%	.938889%	
			Eulogia C. Candelaria, Guardian of Nickie G. Candelaria, a Minor;	.938889%	.938889%	
			ORRI;	6.250000%	6.250000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 25</u>						
T-27-N, R-5-W		160.00	Royalty;	12.500000%	12.500000%	<u>.847203%</u>
Sec. 26: SE/4			Working Interest:			
			El Paso Natural Gas Co.;	64.350000%	64.350000%	
			Eulogia C. Candelaria;	8.450000%	8.450000%	
			Ophelia C. Montoya;	.938888%	.938888%	
			Orlando Candelaria;	.938889%	.938889%	
			Mercedes Candelaria Skidmore;	.938889%	.938889%	
			Pablo Leopoldo Candelaria;	.938889%	.938889%	
			Cruzelia C. Montoya;	.938889%	.938889%	
			J. Fidel Candelaria;	.938889%	.938889%	
			Donald R. Candelaria;	.938889%	.938889%	
			Paul M. Candelaria;	.938889%	.938889%	
			Eulogia C. Candelaria, Guardian of Nickie G. Candelaria, a Minor;	.938889%	.938889%	
			ORRI;	6.250000%	6.250000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXVI

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

R E C A P I T U L A T I O N

Description of Lands in Participating Area:

Township 27 North, Range 5 West, N.M.P.M.
Sections 10, 12, 13: W/2
Sections 4, 5, 6, 7, 8, 9, 15, 16, 17, 18,
19, 20, 21, 22, 23, 24, 25, 26, 27,
28, 29, 30, 31, 32, 33, 34, 35, 36: All

Total Number of Acres in Participating Area: 18,885.67
Total Number of Acres Committed to Participating Area: 18,885.67
Total Number of Acres Not Committed to Participating Area: - 0 -

Percent of Basic Royalty: 100.000000%
Percent of Working Interest Committed: 100.000000%
Percent of ORRI Committed: 95.691044%

SCHEDULE XXVII
TWENTY-SIXTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 27-5 UNIT AREA

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
3F 079367	<u>T-27-N, R-5-W</u>	1079.09				<u>5.437813%</u>
	Sec. 30: Lots 2, 3, 4, E/2		Royalty;	12.500000%	12.500000%	
	W/2, NE/4, N/2		Working Interest:			
	SE/4		El Paso Natural Gas Co.;	82.500000%	82.500000%	
	Sec. 31: Lots 1, 2, 3, 4,		ORRI;	5.000000%	5.000000%	
	E/2 W/2, E/2 NE/4,					
	SE/4		TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	
3F 079391	<u>T-27-N, R-5-W</u>	2563.12				<u>12.916224%</u>
	Sec. 7: Lots 1, 2, 3, 4,		Royalty;	12.500000%	12.500000%	
	E/2 W/2, E/2 (All)		Working Interest:			
	Sec. 8: All		El Paso Natural Gas Co.;	82.500000%	82.500000%	
	Sec. 9: All		ORRI;	5.000000%	5.000000%	
	Sec. 18: Lots 1, 2, 3, 4,					
	E/2 W/2, E/2 (All)		TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	
3F 079392	<u>T-27-N, R-5-W</u>	2561.76				<u>12.909371%</u>
	Sec. 17: All		Royalty;	12.500000%	12.500000%	
	Sec. 19: Lots 1, 2, 3, 4,		Working Interest:			
	E/2 W/2, E/2 (All)		El Paso Natural Gas Co.;	82.500000%	82.500000%	
	Sec. 20: All		ORRI;	5.000000%	5.000000%	
	Sec. 28: NW/4					
	Sec. 29: W/2, NE/4		TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXVII

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
079393	T-27-N, R-5-W	2520.39	TRACT 4			12.700897%
	Sec. 3: Lots 2, 3, 4, S/2 N/2, S/2		Royalty;		12.500000%	
	Sec. 4: Lots 1, 2, 3, 4, S/2 N/2, S/2 (A11)		Working Interest:			
	Sec. 5: Lots 1, 2, 3, 4, S/2 N/2, S/2 (A11)		El Paso Natural Gas Co.;		82.500000%	
	Sec. 6: Lots 1, 2, 3, 4, 5, 6, 7, S/2 NE/4, SE/4 NW/4, E/2 SW/4, SE/4 (A11)		ORRI;		5.000000%	
	TOTAL				100.000000%	
			TRACT 5			12.900502%
079394	T-27-N, R-5-W	2560.00				
	Sec. 21: W/2 W/2, E/2 E/2, NE/4 NW/4, NW/4 NE/4, SE/4 SW/4, SW/4 SE/4		Royalty;		12.500000%	
	Sec. 27: W/2		Working Interest:			
	Sec. 28: E/2, SW/4		El Paso Natural Gas Co.;		82.500000%	
	Sec. 33: A11		ORRI;		5.000000%	
	Sec. 34: A11					
	TOTAL				100.000000%	
			TRACT 6			5.039259%
079493	T-27-N, R-5-W	1000.00				
	Sec. 15: SW/4, W/2 SE/4		Royalty;		12.500000%	
	Sec. 22: S/2 SE/4, NW/4 NE/4, W/2		Working Interest:			
	Sec. 27: E/2		PWG Partnership;		50.833340%	
			T. H. Harrington;		12.708330%	
			Central National Bank & Trust			
			Co. of Des Moines, Iowa,			
			Trustee and Executor of the			
			Estate of Gerald F.			
			Harrington, Deceased;			
			ORRI;			
	TOTAL				100.000000%	

SCHEDULE XXVII

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION	
			OWNERSHIP	PERCENTAGE			
IF 079491	T-27-N, R-5-W Sec. 12: W/2	320.00	TRACT 7				
			Royalty;	12.500000%	12.500000%	1.612563%	
			Working Interest;				
			Northwest Pipeline Corp.;	85.000000%	85.000000%		
			ORRI;	2.500000%	2.500000%		
			TOTAL	100.000000%	100.000000%		
			TRACT 7-A				
			Royalty;	12.500000%	12.500000%		
			Working Interest;				
			Amoco Production Co.;	85.000000%	85.000000%		
ORRI;	2.500000%	2.500000%					
TOTAL	100.000000%	100.000000%					
TRACT 8					1.007852%		
IF 079492	T-27-N, R-5-W Sec. 25: NE/4, NE/4 SE/4	200.00	Royalty;	12.500000%	12.500000%	1.007852%	
			Working Interest;				
			El Paso Natural Gas Co.;	49.809378%	49.809378%		
			Evelyn Ellen Wallace & James				
			Algernon Brown, Trustees Under				
			the Last Will and Testament of				
			Algernon W. Brown; & Evelyn G.				
			Brown & James Algernon Brown,				
			Individually;	4.364062%	4.364062%		
			Langdon Dewey Harrison, Trustee	1.722656%	1.722656%		
Robert P. Tinnin;	.574218%	.574218%					
J. R. Abercrombie;	1.454687%	1.454687%					
Ralph H. McCullough;	1.454687%	1.454687%					
Texas Commerce Bank, Ancillary							
Guardian of John L. Abercrombie;	.727344%	.727344%					

SCHEDULE XXVII

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
TRACT 8 (Continued)						
	Working Interest: (Cont'd)					
	Lela L. Barkley;			.727344%	.727344%	
	H. O. Pool;			4.364062%	4.364062%	
	Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain;			19.140625%	19.140625%	
	ORRI;			3.160937%	3.160937%	
	TOTAL			100.000000%	100.000000%	
						2.418844%
3F 079492-A	T-27-N, R-5-W	480.00	TRACT 9			
	Sec. 13: NW/4			12.500000%	12.500000%	
	Sec. 15: N/2			85.000000%	85.000000%	
				2.500000%	2.500000%	
	Working Interest: Northwest Pipeline Corp.;			100.000000%	100.000000%	
	ORRI;					
	TOTAL			100.000000%	100.000000%	
						4.636118%
3F 079492-B	T-27-N, R-5-W	920.00	TRACT 10			
	Sec. 23: E/2, SW/4 SW/4,			12.500000%	12.500000%	
	E/2 SW/4			83.125000%	83.125000%	
	Sec. 24: W/2, N/2 NE/4,			4.375000%	4.375000%	
	S/2 SE/4			100.000000%	100.000000%	
	Royalty;					
	Working Interest: El Paso Natural Gas Co.;					
	ORRI;					
	TOTAL			100.000000%	100.000000%	

SCHEDULE XXVII

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
F 079493	T-27-N, R-5-W Sec. 25: NW/4 SE/4, S/2 SE/4, W/2	440.00	TRACT 11			2.217274%
			Royalty;			
			Working Interest:			
			El Paso Natural Gas Co.;			
			Evelyn Ellen Wallace & James			
			Algernon Brown, Trustees Under the Last Will and Testament of Algernon W. Brown; and Evelyn G. Brown & James			
			Algernon Brown, Individually; Langdon Dewey Harrison, Trustee; Robert P. Tinnin;			
			J. R. Abercrombie; Ralph H. McCullough; Texas Commerce Bank, Ancillary Guardian of John L. Abercrombie; Lela L. Barkley;			
			H. O. Pool; Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain;			
			ORRI;			
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100.000000%		
TOTAL			100.000000%	100.000000%		
TRACT 12						
Royalty;			12.500000%	12.500000%	4.837688%	
Working Interest:			83.125000%	83.125000%		
El Paso Natural Gas Co.;			4.375000%	4.375000%		
ORRI;			100.000000%	100		

SCHEDULE XXVII

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
-290-3	<u>T-27-N, R-5-W</u>	640.00				<u>3.225125%</u>
	Sec. 16: NW/4		Royalty;	12.500000%	12.500000%	
	Sec. 32: W/2		Working Interest;			
	Sec. 36: NE/4		Wiser Oil Co.;	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	
-290-32	<u>T-27-N, R-5-W</u>	320.00				<u>1.612563%</u>
	Sec. 16: N/2 NE/4		Royalty;	12.500000%	12.500000%	
	Sec. 32: SE/4		Working Interest;			
	Sec. 36: S/2 NW/4		Northwest Production Corp.;	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000</u>	
-290-19	<u>T-27-N, R-5-W</u>	800.00				<u>4.031407%</u>
	Sec. 16: S/2 NE/4, S/2		Royalty;	12.500000%	12.500000%	
	Sec. 32: NE/4		Working Interest;			
	Sec. 36: N/2 NW/4, SW/4		Northwest Pipeline Corp.;	82.500000%	82.500000%	
			ORRI;	5.000000%	.000000%	
			TOTAL	<u>100.000000%</u>	<u>95.000000%</u>	
-6833-3	<u>T-27-N, R-5-W</u>	160.00				<u>.806281%</u>
	Sec. 36: SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest;			
			Amoco Production Co.;	82.500000%	82.500000%	
			ORRI;	5.000000%	5.000000%	
			TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXVII

TRACT NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
see <u>T-27-N, R-5-W</u> Sec. 3: Lot 1		39.56				
	Royalty;			12.500000%	12.500000%	<u>.199353%</u>
	Working Interest;			87.500000%	87.500000%	
	Northwest Pipeline Corp.;			.000000%	.000000%	
	ORRI;					
	TOTAL			<u>100.000000%</u>	<u>100.000000%</u>	
			<u>TRACT 17</u>			
see <u>T-27-N, R-5-W</u> Sec. 13: SW/4		160.00				
	Royalty;			12.500000%	12.500000%	<u>.806281%</u>
	Working Interest;			43.750000%	43.750000%	
	El Paso Natural Gas Co.;			42.500000%	42.500000%	
	El Paso Natural Gas Co.;			1.250000%	1.250000%	
	ORRI;					
	TOTAL			<u>100.000000%</u>	<u>100.000000%</u>	
			<u>TRACT 18</u>			
see <u>T-27-N, R-5-W</u> Sec. 15: E/2 SE/4 Sec. 22: E/2 NE/4		160.00				
	Royalty;			12.500000%	12.500000%	<u>.806281%</u>
	Working Interest;			64.350000%	64.350000%	
	El Paso Natural Gas Co.;			8.450000%	8.450000%	
	Eulogia C. Candelaria;			.938888%	.938888%	
	Ophelia C. Montoya;			.938889%	.938889%	
	Orlando Candelaria			.938889%	.938889%	
	Mercedes Candelaria Skidmore;			.938889%	.938889%	
	Pablo Leopoldo Candelaria;			.938889%	.938889%	
	Cruzelia C. Montoya;			.938889%	.938889%	
	J. Fidel Candelaria;			.938889%	.938889%	
	Donald R. Candelaria;			.938889%	.938889%	
	Paul M. Candelaria;			.938889%	.938889%	
	Eulogia C. Candelaria, Guardian of			.938889%	.938889%	
	Nickie G. Candelaria, a Minor;			.938889%	.938889%	
	ORRI;			6.250000%	6.250000%	
	TOTAL			<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXVII

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
See	<u>T-27-N, R-5-W</u>		<u>TRACT 20</u>		<u>.806281%</u>	
	160.00					
	Sec. 21:	SW/4 NE/4, SE/4 NW/4, NW/4 SE/4, NE/4 SW/4	Royalty; Working Interest; El Paso Natural Gas Co.;	12.500000%	12.500000%	
			82.500000%	82.500000%		
			5.000000%	5.000000%		
			<u>100.000000%</u>	<u>100.000000%</u>		
See	<u>T-27-N, R-5-W</u>		<u>TRACT 21</u>		<u>.806281%</u>	
	160.00					
	Sec. 22:	N/2 SE/4, SW/4 NE/4	Royalty; Working Interest; El Paso Natural Gas Co.;	12.500000%	12.500000%	
			64.350000%	64.350000%		
			8.450000%	8.450000%		
			.938888%	.938888%		
			.938889%	.938889%		
			.938889%	.938889%		
			.938889%	.938889%		
			.938889%	.938889%		
See	Sec. 23:	NW/4 SW/4	Mercedes Candelaria Skidmore; Pablo Leopoldo Candelaria; Cruzelia C. Montoya; J. Fidel Candelaria; Donald R. Candelaria; Paul M. Candelaria; Eulogia C. Candelaria, Guardian of Nickie G. Candelaria, a Minor; ORRI;	12.500000%	12.500000%	
			64.350000%	64.350000%		
			8.450000%	8.450000%		
			.938888%	.938888%		
			.938889%	.938889%		
			.938889%	.938889%		
			.938889%	.938889%		
			.938889%	.938889%		
			.938889%	.938889%		
			.938889%	.938889%		
		<u>100.000000%</u>	<u>100.000000%</u>			

SCHEDULE XXVII

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
See	T-27-N, R-5-W Sec. 23: NW/4	160.00	TRACT 22			<u>.806281%</u>
	Royalty;			12.500000%	12.500000%	
	Working Interest:					
	El Paso Natural Gas Co.;			64.350000%	64.350000%	
	Eulogia C. Candelaria;			8.450000%	8.450000%	
	Ophelia C. Montoya;			.938888%	.938888%	
	Orlando Candelaria;			.938889%	.938889%	
	Mercedes Candelaria Skidmore;			.938889%	.938889%	
	Pablo Leopoldo Candelaria;			.938889%	.938889%	
	Cruzelia C. Montoya;			.938889%	.938889%	
	J. Fidel Candelaria;			.938889%	.938889%	
	Donald R. Candelaria;			.938889%	.938889%	
	Paul M. Candelaria;			.938889%	.938889%	
	Eulogia C. Candelaria, Guardian of			.938889%	.938889%	
	Nickie G. Candelaria, a Minor;			6.250000%	6.250000%	
	ORRI;			100.000000%	100.000000%	
	TOTAL					
				100.000000%	100.000000%	<u>.806281%</u>
See	T-27-N, R-5-W Sec. 24: S/2 NE/4, N/2 SE/4	160.00	TRACT 23			
	Royalty;			12.500000%	12.500000%	
	Working Interest:					
	Northwest Pipeline Corp.;			87.500000%	87.500000%	
	ORRI;			.000000%	.000000%	
	TOTAL			100.000000%	100.000000%	

SCHEDULE XXVII

RIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
TRACT 24						
ee	T-27-N, R-5-W Sec. 26: S/2 NW/4, N/2 SW/4	160.00	Royalty; Working Interest: El Paso Natural Gas Co.; Eulogia C. Candelaria; Ophelia C. Montoya; Orlando Candelaria; Mercedes Candelaria Skidmore; Pablo Leopoldo Candelaria; Cruzelia C. Montoya; J. Fidel Candelaria; Donald R. Candelaria; Paul M. Candelaria; Eulogia C. Candelaria, Guardian of Nickie G. Candelaria, a Minor; ORRI;	12.500000% 64.350000% 8.450000% .938888% .938889% .938889% .938889% .938889% .938889% .938889% .938889% .938889% 6.250000% 100.000000%	12.500000% 64.350000% 8.450000% .938888% .938889% .938889% .938889% .938889% .938889% .938889% .938889% .938889% 6.250000% 100.000000%	.806281%
TRACT 25						
ee	T-27-N, R-5-W Sec. 26: SE/4	160.00	Royalty; Working Interest: El Paso Natural Gas Co.; Eulogia C. Candelaria; Ophelia C. Montoya; Orlando Candelaria; Mercedes Candelaria Skidmore; Pablo Leopoldo Candelaria; Cruzelia C. Montoya; J. Fidel Candelaria; Donald R. Candelaria; Paul M. Candelaria; Eulogia C. Candelaria, Guardian of Nickie G. Candelaria, a Minor; ORRI;	12.500000% 64.350000% 8.450000% .938888% .938889% .938889% .938889% .938889% .938889% .938889% .938889% .938889% 6.250000% 100.000000%	12.500000% 64.350000% 8.450000% .938888% .938889% .938889% .938889% .938889% .938889% .938889% .938889% .938889% 6.250000% 100.000000%	.806281%

SCHEDULE XXVIII

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
Fee	T-27-N, R-5-W Sec. 29: SE/4	160.00	TRACT 26 Royalty; Working Interest; PMG Partnership; T. H. Harrington; Central National Bank & Trust Co. of Des Moines, Iowa, Trustee and Executor of the Estate of Gerald F. Harrington; ORRI;	12.500000%	12.500000%	<u>.806281%</u>
				54.166660%	54.166660%	
				13.541670%	13.541670%	
				13.541670%	13.541670%	
				6.250000%	6.250000%	
			TOTAL	100.000000%	100.000000%	
			<u>TRACT 27</u>			
Fee	T-27-N, R-5-W Sec. 30: NW/4 NW/4 (Lot 1)	40.27	TRACT 27 Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.500000%	12.500000%	<u>.202931%</u>
				87.500000%	87.500000%	
				.000000%	.000000%	
				100.000000%	100.000000%	
				100.000000%	100.000000%	
			TOTAL	100.000000%	100.000000%	
			<u>TRACT 28</u>			
Fee	T-27-N, R-5-W Sec. 30: S/2 SE/4 Sec. 31: W/2 NE/4	160.00	TRACT 28 Royalty; Working Interest; PMG Partnership; T. H. Harrington; Central National Bank & Trust Co. of Des Moines, Iowa, Trustee and Executor of the Estate of Gerald F. Harrington; ORRI;	12.500000%	12.500000%	<u>.806281%</u>
				54.166660%	54.166660%	
				13.541670%	13.541670%	
				13.541670%	13.541670%	
				6.250000%	6.250000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XXVII

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

R E C A P I T U L A T I O N

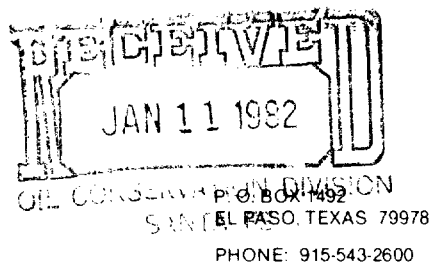
Description of Lands in Participating Area:

Township 27 North, Range 5 West, N.M.P.M.

Sections 12, 13: W/2
 Sections 3, 4, 5, 6, 7, 8, 9, 10, 15, 16, 17,
 18, 19, 20, 21, 22, 23, 24, 25, 26,
 27, 28, 29, 30, 31, 32, 33, 34, 35, 36: All

Total number of acres in Participating Area:	19,844.19
Total number of acres committed to Participating Area:	19,844.19
Total number of acres not committed to Participating Area:	- 0 -
Percent of Basic Royalty Committed:	100.000000%
Percent of Working Interest Committed:	100.000000%
Percent of ORRI Committed:	95.691044%

El Paso NATURAL GAS
COMPANY



January 8, 1982

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

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

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

Re: San Juan 27-5 Unit, #14-08-001-950,
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, Pictured Cliffs and
Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 27-5 Unit Agreement, #14-08-001-950, approved August 31, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that two (2) additional wells capable of producing unitized substances in paying quantities from the Pictured Cliffs and Mesaverde Formations have been completed upon acreage committed to the Unit. These wells are as follows:

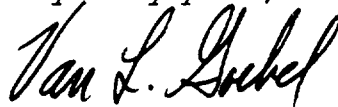
The San Juan 27-5 Unit #61A Well, located 1503' from the South line and 820' from the East line of Section 5, Township 27 North, Range 5 West, N.M.P.M., was spudded on September 9, 1979, and completed on May 5, 1980, at a plugged back depth of 6094'. The Pictured Cliffs Formation at the selected intervals between 3506' and 3562' was treated with a sand-water fracturing process on March 30, 1980. The well was shut-in on April 28, 1980, and after being shut-in for seven (7) days, the Pictured Cliffs Formation was tested on May 5, 1980, using the Pitot tube method with an after frac guage of 757 MCF/D, with an SIPT of 1050 psia and an SIPT of 1050 psia. The Mesaverde Formation at the selected intervals between 5719' and 6050' was treated with a sand-water fracturing process on March 30, 1980. The well was shut-in on April 5, 1980, and after being shut-in for twenty-three (23) days, the Mesaverde Formation was tested on April 28, 1980, using the Pitot tube method with an after frac guage of 3722 MCF/D, with an SIPT of 739 psia. The spacing unit for this well is described as the E/2 of Section 5, Township 27 North, Range 5 West, N.M.P.M., containing 320.77 acres.

The San Juan 27-5 Unit #64A Well, located 810' from the North line and 810' from the West line of Section 9, Township 27 North, Range 5 West, N.M.P.M., was spudded on September 22, 1979, and completed on May 8, 1980, at a plugged back depth of 6176'. The Pictured Cliffs Formation at the selected intervals between 3564' and 3630' was treated with a sand-water fracturing process on April 7, 1980. The well was shut-in on May 1, 1980, and after being shut-in for seven (7) days, the Pictured Cliffs Formation was tested on May 8, 1980, using the Pitot tube method with an after frac guage of 954 MCF/D, with an SIPC of 1073 psia and an SIPT of 1070 psia. The Mesaverde Formation at the selected intervals between 5236' and 6069' was treated with a sand-water fracturing process on April 7, 1980. The well was shut-in on April 24, 1980, and after being shut-in for seven (7) days, the Mesaverde Formation was tested on May 1, 1980, using the Pitot tube method with an after frac guage of 2469 MCF/D, with an SIPT of 597 psia. The spacing unit for this well is described as the W/2 of Section 9, Township 27 North, Range 5 West, N.M.P.M., containing 320.00 acres.

Both of the drilling blocks for the above-described wells are included within the existing Pictured Cliffs and Mesaverde Participating Areas; therefore, the Pictured Cliffs and Mesaverde Participating Areas are not enlarged by these wells.

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

Very truly yours,



Van L. Goebel
Landman
Land Department

VIG/en
Attachment
SJ 27-5, 4.1.1, 4.2.1

cc: Mr. Antonio Martinez

San Juan 27-5 Unit
Working Interest Owners

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company
Denver, Colorado
Attention: Land Department

Amoco Production Company
Denver, Colorado
Attention: Production Department

Amoco Production
Farmington, New Mexico

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the Will
of Gerald F. Harrington, Deceased

Mary Jone Chappell

Costal Oil & Gas Corporate

Mr. Sam Dazzo & Frances Joy Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

Page 2

General American Oil Company of Texas

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon Dewey Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mr. T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Prop.

Mrs. Mabelle McElvain Miller

Mrs. Curzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corporation
Farmington, New Mexico

(El Paso Exploration Company)

PWG Partnership

H. O. Pool Trust

Mr. Joe Quinn

Mr. James M. Raymond
Individually and as Trustee

Mr. M. A. Romero

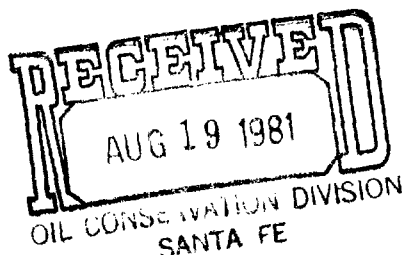
Max B. Rotholz

Mrs. Mercedes Candelaria Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace &
Mr. James A. Brown, Trustees under
the Last Will & Testament of A. W. Brown

El Paso
Exploration Company



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

August 13, 1981

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

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

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

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
Revised 1981 Drilling Program

Gentlemen:

The Revised Drilling Program for 1981 for the referenced unit was approved on the following dates:

<u>USGS</u>	<u>CPL</u>	<u>OCD</u>
7/27/81	6/9/81	7/1/81

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

Very truly yours,

A handwritten signature in cursive script that reads "Van L. Goebel".

Van L. Goebel
Landman
Land Department

VLG/en
SJ 27-5 Unit, 3.0

San Juan 27-5 Unit
Working Interest Owners

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company (3)
Denver, Colorado

Amoco Production
Farmington, New Mexico

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

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Mary Jone Chappell

Costal Oil & Gas Corporate

Mr. Sam Dazzo & Frances Joy Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

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Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

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Mr. Ralph H. McCullough

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T. H. McElvain Oil & Gas Prop.

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Northwest Pipeline Corporation
Farmington, New Mexico

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Mrs. Mercedes Candelaria Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace &
Mr. James A. Brown, Trustees under
the Last Will & Testament of A. W. Brown

The Wiser Oil Company

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERT FORMATION
SAN JUAN 27-5 UNIT AREA

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

SF 079367

<u>TRACT 1</u>						
T-27-N, R-5-W	1,079.09	Royalty		12.50%	12.50%	4.748699%
Sec. 30: Lots 2,		Working Interest				
3, 4, E/2 W/2,		El Paso Natural Gas Co.		82.50%	82.50%	
NE/4, N/2 SE/4		ORRI		5.00%	5.00%	
Sec. 31: Lots 1,						
2, 3, 4, E/2 W/2,		TOTAL		100.00%	100.00%	
E/2 NE/4, SE/4						

SF 079391

<u>TRACT 2</u>						
T-27-N, R-5-W	2,563.12	Royalty		12.50%	12.50%	11.279397%
Sec. 7: A11		Working Interest				
Sec. 8: A11		El Paso Natural Gas Co.		82.50%	82.50%	
Sec. 9: A11		ORRI		5.00%	5.00%	
Sec. 18: A11		TOTAL		100.00%	100.00%	

Effective August 1, 1981

SCHEDULE XXX					
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION					
SAN JUAN 27-5 UNIT AREA					
SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED
			OWNERSHIP	PERCENTAGE	
					PRESENT ACTUAL PARTICIPATION

SF 079392

TRACT 3

T-27-N, R-5-W	2,561.76	Royalty	12.50%	12.50%	11.2734128
Sec. 17: All		Working Interest			
Sec. 19: All		El Paso Natural Gas Co.	82.50%	82.50%	
Sec. 20: All		ORRI	5.00%	5.00%	
Sec. 28: NW/4			100.00%	100.00%	
Sec. 29: W/2, NE/4					
TOTAL					

TRACT 4

SF 079393

T-27-N, R-5-W	2,520.39	Royalty	12.50%	12.50%	11.0913578
Sec. 3: W/2,		Working Interest			
Lot 2, S/2 NE/4,		El Paso Natural Gas Co.	82.50%	82.50%	
SE/4		ORRI	5.00%	5.00%	
Sec. 4: All			100.00%	100.00%	
Sec. 5: All					
Sec. 6: All					
TOTAL					

Effective August 1, 1981

T-27-N, R-5-W	2,560.00	Royalty	12.508	12.508	11.2656678
Sec. 21: E/2 E/2,		Working Interest			
NW/4 NE/4, SW/4		El Paso Natural Gas Co.	82.508	82.508	
SE/4, W/2 W/2,		ORRI	5.008	5.008	
NE/4 NW/4, SE/4		TOTAL	<u>100.008</u>	<u>100.008</u>	
SW/4					
Sec. 27: W/2					
Sec. 28: SW/4, E/2					
Sec. 33: A11					
Sec. 34: A11					

T-27-N, R-5-W	1,000.00	Royalty	12.50000%	12.50000%	4.400651%
Sec. 15: SW/4,		Working Interest			
W/2 SE/4		PWG Partnership	50.83334%	50.83334%	
Sec. 22: S/2 SE/4,		T. F. Harrington	12.70833%	12.70833%	
NW/4 NE/4, W/2		Central National Bank			
Sec. 27: E/2		& Trust Co. of Des			
		Moines, Iowa, Trustee and			
		Executor of the Estate of			
		Gerald F. Harrington	12.70833%	12.70833%	
		ORRI	11.25000%	11.25000%	
		TOTAL	100.00000%	100.00000%	

PAGE 3

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERT FORMATION

SAN JUAN 27-5 UNIT AREA						
SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

SF 079491						
TRACT 7						
T-27-N, R-5-W	1,280.28	Royalty				
Sec. 1: Lots 3, 4,		Working Interest	12.50%	12.50%		5.634066%
S/2 NW/4, SW/4		Northwest Pipeline Corp.	85.00%	85.00%		
Sec. 11: E/2		ORRI	2.50%	2.50%		
Sec. 12: All						
		TOTAL	100.00%	100.00%		

TRACT 7-A						
T-27-N, R-5-W	960.00	Royalty	12.50%	12.50%		4.224625%
Sec. 10: All		Working Interest	85.00%	85.00%		
Sec. 11: W/2		Amoco Production Co.	2.50%	2.50%		
		ORRI				
		TOTAL	100.00%	100.00%		

SCHEDULE XXX				
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERT DE FORMATION				
SAN JUAN 27-5 UNIT AREA				
DRILLING BLOCK				
SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	PERCENTAGE
				PERCENTAGE COMMITTED
				PRESENT ACTUAL PARTICIPATION

SF 079492-A				
TRACT 9				
T-27-N, R-5-W	1,120.00	Royalty	12.50%	12.50%
Sec. 13: E/2 NW/4		Working Interest		
Sec. 14: E/2		Northwest Pipeline Corp.	85.00%	85.00%
Sec. 15: N/2		ORRI	2.50%	2.50%
		TOTAL	100.00%	100.00%

TRACT 9-A				
T-27-N, R-5-W	320.00	Royalty	12.50%	12.50%
Sec. 14: W/2		Working Interest		
		Amoco Production Co.	85.00%	85.00%
		ORRI	2.50%	2.50%
		TOTAL	100.00%	100.00%

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERT DE FORMATION
SAN JUAN 27-5 UNIT AREA

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

TRACT 10

SF 079492-B	T-27-N, R-5-W	920.00	Royalty	12.500%	12.500%	4.048599%
	Sec. 23: E/2, S/2		Working Interest			
	SW/4, NE/4 SW/4		El Paso Natural Gas Co.	83.125%	83.125%	
	Sec. 24: W/2, N/2		ORRI	4.375%	4.375%	
	NE/4, S/2 SE/4					
	TOTAL			100.000%	100.000%	

TRACT 11

SF 079493	T-27-N, R-5-W	440.00	Royalty	12.500000%	12.500000%	1.936286%
	Sec. 25: NW/4		Working Interest			
	SE/4, S/2 SE/4, W/2		El Paso Natural Gas Co.	49.809378%	49.809378%	
			Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown; and Evelyn G. Brown & James Algernon Brown, Indiv.			

	Omega Quinn	4.364062%	4.364062%		
	Robert P. Tinnin	1.722656%	1.722656%		
	J. R. Abercrombie	.574218%	.574218%		
	Ralph H. McCullough	1.454687%	1.454687%		
	John L. Abercrombie	1.454687%	1.454687%		
	Lela L. Barkley	.727344%	.727344%		
	H. O. Pool	4.364062%	4.364062%		
	T. H. McElvain	15.312500%	15.312500%		
	Catherine B. McElvain	3.828125%	3.828125%		
	ORRI	3.160937%	3.160937%		
	TOTAL	100.000000%	100.000000%		

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERTDE FORMATION
SAN JUAN 27-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
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SF 079493-A

T-27-N, R-5-W	960.00	Royalty		12.500%	12.500%	4.224625%
Sec. 26: N/2 NW/4, S/2 SW/4, NE/4		Working Interest		83.125%	83.125%	
Sec. 35: A11		El Paso Natural Gas Co.		4.375%	4.375%	
		ORRI				
TOTAL				100.000%	100.000%	

TRACT 12

E-290-3

T-27-N, R-5-W	960.04	Royalty		12.50%	12.50%	4.224801%
Sec. 2: E/2		Working Interest		87.50%	87.50%	
Sec. 16: NW/4		The Wiser Oil Co.		.00%	.00%	
Sec. 32: W/2		ORRI				
Sec. 36: NE/4						
TOTAL				100.00%	100.00%	

TRACT 13

Effective August 1, 1981

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERTDE FORMATION
SAN JUAN 27-5 UNIT AREA

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

E-290-32

T-27-N, R-5-W	479.40	Royalty		12.50%	12.50%	2.1096728
Sec. 2: Lots 3, 4, S/2 NW/4		Working Interest		75.00%	75.00%	
Sec. 16: N/2 NE/4		El Paso Exploration Co.		12.50%	12.50%	
Sec. 32: SE/4		ORRI		100.00%	100.00%	
Sec. 36: S/2 NW/4						
		TOTAL				

TRACT 14

E-290-19

T-27-N, R-5-W	960.00	Royalty		12.50%	12.50%	4.2246258
Sec. 2: SW/4		Working Interest		82.50%	82.50%	
Sec. 16: SW/4, S/2 NE/4, SE/4		Northwest Pipeline Corp.		5.00%	5.00%	
Sec. 32: NE/4				100.00%	100.00%	
Sec. 36: N/2 NW/4, SW/4						
		TOTAL				

TRACT 15

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERT DE FORMATION
SAN JUAN 27-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 16</u>						
E-6833-3	<u>T-27-N, R-5-W</u>	160.00	Royalty	12.50%	12.50%	0.704104%
	<u>Sec. 36: SE/4</u>		Working Interest	82.50%	82.50%	
			Amoco Production Co.	5.00%	5.00%	
			ORRI	<u>100.00%</u>	<u>100.00%</u>	
	TOTAL					
<u>TRACT 17</u>						
Fee	<u>T-27-N, R-5-W</u>	39.56	Royalty	12.50%	12.50%	0.174090%
	<u>Sec. 3: Lot 1</u>		Working Interest	87.50%	87.50%	
			Northwest Pipeline Corp.	.00%	.00%	
			ORRI	<u>100.00%</u>	<u>100.00%</u>	
	TOTAL					

Effective August 1, 1981

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERTDE FORMATION
SAN JUAN 27-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
TRACT 18						
Fee	T-27-N, R-5-W	160.00	Royalty			
	Sec. 13: SW/4		Working Interest			
			El Paso Natural Gas Co.	43.75%	43.75%	
			El Paso Natural Gas Co.	41.25%	41.25%	
			ORRI	2.50%	2.50%	
			TOTAL		100.00%	100.00%
						0.704104%

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 27-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
TRACT 19						
Fee	T-27-N, R-5-W	160.00	Royalty			
	Sec. 15: E/2 SE/4		Working Interest	12.50%	12.50%	0.704104%
	Sec. 22: E/2 NE/4		El Paso Natural Gas Co.	81.25%	81.25%	
			ORRI	6.25%	6.25%	
			TOTAL	100.00%	100.00%	

TRACT 20

Fee						
T-27-N, R-5-W 160.00 Royalty						
	Sec. 21: SW/4		Working Interest	12.50%	12.50%	0.704104%
	NE/4, NW/4 SE/4,		El Paso Natural Gas Co.	82.50%	82.50%	
	SE/4 NW/4,		ORRI	5.00%	5.00%	
	NE/4 SW/4		TOTAL	<u>100.00%</u>	<u>100.00%</u>	

Effective August 1, 1981

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERT FORMATION
SAN JUAN 27-5 UNIT AREA

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

Fee

<u>TRACT 21</u>						
T-27-N, R-5-W		160.00	Royalty	12.50%	12.50%	0.704104%
Sec. 22: SW/4			Working Interest			
NE/4, N/2 SE/4			El Paso Natural Gas Co.	81.25%	81.25%	
Sec. 23: NW/4 SW/4			ORRI	6.25%	6.25%	
			TOTAL	100.00%	100.00%	

Fee

<u>TRACT 22</u>						
T-27-N, R-5-W		160.00	Royalty	12.50%	12.50%	0.704104%
Sec. 23: NW/4			Working Interest			
			El Paso Natural Gas Co.	81.25%	81.25%	
			ORRI	6.25%	6.25%	
			TOTAL	100.00%	100.00%	

Effective August 1, 1981

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 27-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
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TRACT 23

Fee	T-27-N, R-5-W Sec. 24: S/2 NE/4, N/2 SE/4	160.00	Royalty Working Interest Northwest Pipeline Corp. ORRI	12.50% 87.50% .00%	12.50% 87.50% .00%	0.704104%
	TOTAL			<u>100.00%</u>	<u>100.00%</u>	

TRACT 24

Fee	T-27-N, R-5-W Sec. 26: S/2 NW/4, N/2 SW/4	160.00	Royalty Working Interest El Paso Natural Gas Co. ORRI	12.50% 81.25% 6.25%	12.50% 81.25% 6.25%	0.704104%
	TOTAL			<u>100.00%</u>	<u>100.00%</u>	

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERT DE FORMATION
SAN JUAN 27-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
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TRACT 25

Fee	<u>T-27-N, R-5-W</u>	160.00	Royalty	12.50%	12.50%	0.704104%
	Sec. 26: SE/4		Working Interest	81.25%	81.25%	
			El Paso Natural Gas Co.	6.25%	6.25%	
			ORRI	<u>100.00%</u>	<u>100.00%</u>	
			TOTAL			

TRACT 26

Fee	<u>T-27-N, R-5-W</u>	160.00	Royalty	12.50000%	12.50000%	0.704105%
	Sec. 29: SE/4		Working Interest	54.16666%	54.16666%	
			PWG Partnership	13.54167%	13.54167%	
			T. F. Harrington			
			Central National Bank			
			& Trust Co. of Des			
			Moines, Iowa, Trustee			
			and Executor of Estate			
			of Gerald F. Harrington	13.54167%	13.54167%	
			ORRI	6.25000%	6.25000%	
			TOTAL	<u>100.00000%</u>	<u>100.00000%</u>	

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERT DE FORMATION
SAN JUAN 27-5 UNIT AREA

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

TRACT 27

Fee	T-27-N, R-5-W Sec. 30: NW/4 NW/4 (Lot 1)	40.27	Royalty Working Interest Northwest Pipeline Corp. ORRI	12.50% 87.50% .00%	12.50% 87.50% .00%	0.177215%
	TOTAL			100.00%	100.00%	

TRACT 28

Fee	T-27-N, R-5-W Sec. 30: S/2 SE/4 Sec. 31: W/2 NE/4	160.00	Royalty Working Interest PWG Partnership T. F. Harrington Central National Bank & Trust Co. of Des Moines, Iowa, Trustee and Executor of Estate of Gerald F. Harrington ORRI	12.50000% 54.16666% 13.54167%	12.50000% 54.16666% 13.54167%	0.704105%
	TOTAL			100.00000% 13.54167% 6.25000%	100.00000% 13.54167% 6.25000%	

Effective August 1, 1981

SCHEDULE XXX
TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVEVERDE FORMATION
SAN JUAN 27-5 UNIT AREA

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

RECAPITULATION

Description of Lands in Participating Area:

Township 27 North, Range 5 West, N.M.P.M.

Sections 11,14: All

Section 1: W/2

Sections 2,3,4,5,6,7,8,9,10,12,13,15,16,

17,18,19,20,21,22,23,24,25,26,

27,28,29,30,31,32,33,34,35,36: All

Total Number of Acres in Participating Area: 22,723.91

Total Number of Acres Committed to

Participating Area:

22,723.91

Total Number of Acres Not Committed to

Participating Area:

.00

Percent of Basic Royalty Committed:

100.00000%

Percent of Working Interest Committed:

100.00000%

Percent of ORRI Committed:

99.76927%

Effective August 1, 1981

South Central Region
P. O. Box 26124
Albuquerque, New Mexico 87125

548

JUL 27 1981

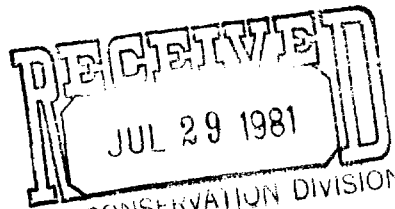
El Paso Natural Gas Company
Attention: D. N. Canfield
P. O. Box 1492
El Paso, Texas 79978

Gentlemen:

Two approved copies of your revised 1981 plan of development for the San Juan 27-5 unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill four dual completion Mesaverde/Dakota wells, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON



FLR

Gene E. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosure
CONSERVATION DIVISION
SANTA FE

cc:

NMOC, Santa Fe

Comm of Pub Lands, Santa Fe
DS, Farmington (w/encl)



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

July 1, 1981

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

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

Attention: D. N. Canfield

Re: Case No. 540
San Juan 27-5 Unit
Revised 1981 Drilling
Program

Gentlemen:

We hereby approve the Revised 1981 Drilling Program for the San Juan 27-5 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 Revised Drilling Program is returned herewith.

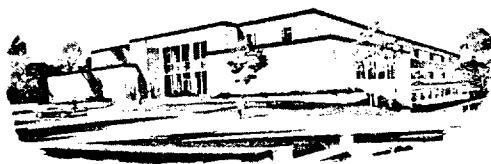
Yours very truly,

JOE D. RAMEY
Director

JDR/EP/fd
enc.

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

State of New Mexico



Commissioner of Public Lands

June 9, 1981

ALEX J. ARMIJO
COMMISSIONER

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

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

546

Re: San Juan 27-5 Unit
Rio Arriba County, New Mexico
Revised 1981 Drilling Program

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your Revised 1981 Drilling Program for the San Juan 27-5 Unit, Rio Arriba County, New Mexico. Such revision proposes the drilling of the following wells:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
#113E	W/2 of Section 10 (MV), N/2 of Section 10 (DK)	MV/DK
#99E	W/2 of Section 11 (MV), N/2 of Section 11 (DK)	MV/DK
#98E	W/2 of Section 14	MV/DK
#96E	E/2 of Section 15 (MV), N/2 of Section 15 (DK)	MV/DK

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

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:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505-827-2748

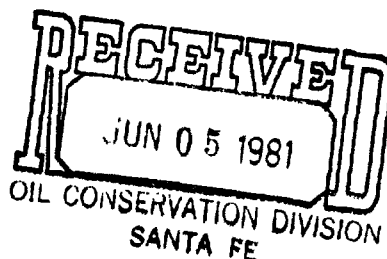
AJA/FOP/s
encls.

cc: OCD-Santa Fe, New Mexico +
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

El Paso NATURAL GAS
COMPANY

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

May 18, 1981



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

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

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

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
Revised 1981 Drilling Program

Gentlemen:

The 1981 Drilling Program for the San Juan 27-5 Unit which was submitted to you by our letter of November 7, 1980 has been approved. The approved Drilling Program contained five Mesaverde/Dakota dual wells and three Mesaverde single completion wells.

Subsequent to the submittal of said letter of November 7, 1980, it was proposed by Amoco Production Company that the three Mesaverde single completion wells be dually completed in the Dakota formation. Amoco Production Company owns 100% of the Mesaverde formation in two of the single completion wells and a 19% working interest in the Dakota Participating Area.

Pursuant to Section 10 of the San Juan 27-5 Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Revised Drilling Program providing for the drilling of the following wells during the calendar year 1981.

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
#113E	W/2 of Section 10 (MV), N/2 of Section 10 (DK)	MV/DK
#99E	W/2 of Section 11 (MV), N/2 of Section 11 (DK)	MV/DK
#98E	W/2 of Section 14	MV/DK
#96E	E/2 of Section 15 (MV), N/2 of Section 15 (DK)	MV/DK

Area Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Division
Page Two

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

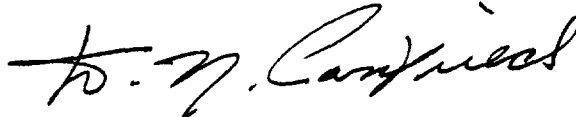
El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

El Paso Natural Gas Company, as Unit Operator, will submit a well summary and map as requested in the March 25, 1981 letter from the Commissioner of Public Lands for our proposed 1982 Plan of Development.

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,

A handwritten signature in dark ink, appearing to read "D. N. Canfield". The signature is fluid and cursive, with a large initial "D" and a stylized "N".

D. N. Canfield ^{TFH}
Attorney-in-Fact^{ure}

DNC/TFH/en
Attachments
SJ 27-5 Unit, 3.0

APPROVED:

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

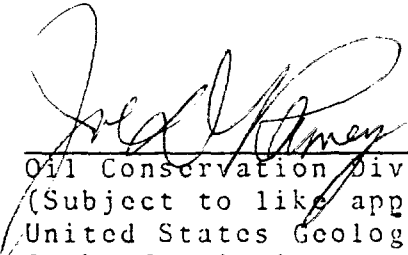
DATED: _____

APPROVED:

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

DATED: _____

APPROVED:


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

DATED: 2/1/81

The foregoing approvals are for the Revised 1981 Drilling Program
for the San Juan 27-5 Unit, #14-08-001-950, Rio Arriba County,
New Mexico.

San Juan 27-5 Unit
Working Interest Owners

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company (3)
Denver, Colorado

Amoco Production
Farmington, New Mexico

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the Will
of Gerald F. Harrington, Deceased

Mary Jone Chappell

Costal Oil & Gas Corporate

Mr. Sam Dazzo & Frances Joy Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

Mr. F. Eugene Harrington

Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon Dewey Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Prop.

Mrs. Mabelle McElvain Miller

Mrs. Curzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corporation
Farmington, New Mexico

(El Paso Exploration Company)

PWG Partnership

H. O. Pool Trust

Mr. Joe Quinn

Mr. James M. Raymond
Individually and as Trustee

Mr. M. A. Romero

Max B. Rotholz

Mrs. Mercedes Candelaria Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace &
Mr. James A. Brown, Trustees under
the Last Will & Testament of A. W. Brown

The Wiser Oil Company

El Paso NATURAL GAS
COMPANY

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

May 8, 1981

546

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

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

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

Re: San Juan 27-5 Unit #14-08-001-950
Rio Arriba County, New Mexico
1981 Drilling Program

Gentlemen:

The Drilling Program for 1981 for the referenced unit was approved on the following dates:

USGS

2/4/81

CPL

12/2/80

OCD

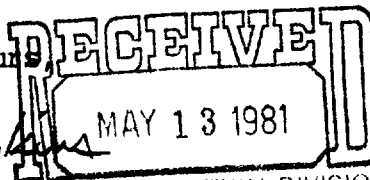
12/8/80

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

Very truly yours,

Tom F. Hawkins

Tom F. Hawkins
Landman
Land Department



OIL CONSERVATION DIVISION
SANTA FE

TFH/en
SJ 27-5 Unit, 3.0

San Juan 27-5 Unit
Working Interest Owners

Dorothy L. Abercrombie

Mr. J. R. Abercrombie

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

Amoco Production Company (3)
Denver, Colorado

Amoco Production
Farmington, New Mexico

Mrs. Lela L. Barkley

Mrs. Evelyn G. Brown

Mr. James A. Brown

Mr. Donald R. Candelaria

Mrs. Eulogia C. Candelaria

Nickie G. Candelaria

Paul M. Candelaria

Mr. J. Fidel Candelaria

Mr. Orlando Candelaria

Genevieve Candelaria, Personal
Representative of the Estate
of Pablo Leopoldo Candelaria

Central National Bank & Trust Co.
of Des Moines, Trustee under the Will
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Mary Jone Chappell

Costal Oil & Gas Corporate

Mr. Sam Dazzo & Frances Joy Dazzo

Thomas Dugan, et ux

Flag-Redfern Oil Company

General American Oil Company of Texas

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Mr. Gerald E. Harrington

Mr. James V. Harrington

Mr. T. H. Harrington

Mr. Thomas H. Harrington

Col. Langdon Dewey Harrison

Mrs. Catherine M. Harvey

Mr. Ralph H. McCullough

Mrs. Catherine B. McElvain

Mr. T. H. McElvain, Jr.

T. H. McElvain Oil & Gas Prop.

Mrs. Mabelle McElvain Miller

Mrs. Curzelia C. Montoya

Mrs. Ophelia C. Montoya

Northwest Pipeline Corporation
Farmington, New Mexico

(El Paso Exploration Company)

PWG Partnership

H. O. Pool Trust

Mr. Joe Quinn

Mr. James M. Raymond
Individually and as Trustee

Mr. M. A. Romero

Max B. Rotholz

Mrs. Mercedes Candelaria Skidmore

Mr. Robert P. Tinnin

Mrs. Evelyn Ellen Wallace &
Mr. James A. Brown, Trustees under
the Last Will & Testament of A. W. Brow

The Wiser Oil Company

El Paso NATURAL GAS
COMPANY

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

May 8, 1981

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

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

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

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
1981 Drilling Program

Gentlemen:

The Drilling Program for 1981 for the referenced unit was approved on the following dates:

<u>USGS</u>	<u>CPL</u>	<u>OCD</u>
2/2/81	12/2/80	12/8/80

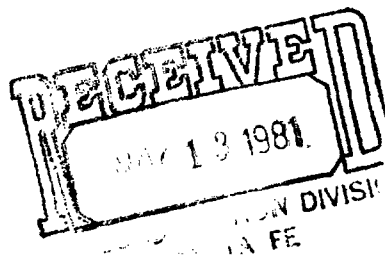
Copies of this letter are being sent to the working interest owners on the attached sheet.

Very truly yours,

Tom F. Hawkins

Tom F. Hawkins
Landman
Land Department

TFH/en
Canyon Largo Unit, 3.0



CANYON LARGO UNIT
Working Interest Owners

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company (3)
Denver, Colorado 80202

Amoco Production Company
Farmington, New Mexico

Atlantic Richfield Company (3)

Iris V. Balbach, Administratrix of
Estate of Loren Wilcox

Mr. R. L. Bayless

Mr. Tom Bolack

Mr. Tommy Bolack & Terry Bolack,
Co-Personal Representatives of
the Est. of Alice S. Bolack

Burton-Hawks, Inc.

Mr. Jack Cayias (P.C. Only)

Conoco, Inc.

Leland Fikes Foundation, Inc.

Catherine W. Fikes

J. B. Davis and Paulene D. Davis

Mr. Robert Donnell

Walter Famariss, Jr. and
Thelma Jackson Famariss

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Mr. A. G. Hill

Margaret Hunt Hill

Ibex, Inc.

Kimbell Oil Company

Estate of Hugh McMillan

Mrs. Merle McMillan

Edna W. Merrion Trusts
No. 1, 2, 3

Mr. J. Gregory Merrion

Merrion Foundation
John K. Merrion, Trustee

Mrs. Ana Gardner Osborn

PWG Partnership

Mr. Frank A. Schultz, Jr.

Tenneco Oil Company

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile Nat'l Bank at
Dallas, Texas, Trustees of
the Mary Frances Turner, Jr. Trust

Mr. Frederick Eugene Turner

Mr. John Lee Turner

Elizabeth Jeanne Turner Calloway

Mr. William G. Webb

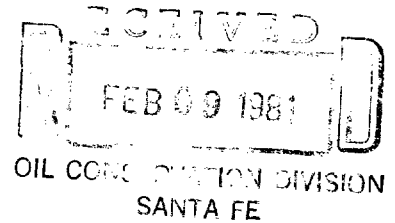
The Wiser Oil Company



United States Department of the Interior

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

04 FEB 1981



500

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

Gentlemen:

Three approved copies of your 1981 plan of development for the San Juan 27-5 unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill five dual Mesaverde/Dakota wells and three Mesaverde wells was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

ORIGINAL ATTACHED BY

Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosures

cc:
NMOCD, Santa Fe