

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES

LAND DEPARTMENT

391-88

P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0899
801-584-7215

June 17, 1988

Assistant District Manager, Minerals
Bureau of Land Management
425 Montano, N.E.
Albuquerque, NM 87107

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, NM 87501

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 29-5 Unit #14-08-001-437
Rio Arriba County, New Mexico

APPROVAL OF THE TWENTY-FOURTH PARTICIPATING AREA
Mesaverde Formation
Effective November 1, 1982

APPROVAL OF THE TWENTY-FIFTH PARTICIPATING AREA
Mesaverde Formation
Effective October 1, 1985

Gentlemen:

The referenced approvals of the Twenty-Fourth and Twenty-Fifth Participating Areas in the San Juan 29-5 Mesaverde Unit have been approved by the Bureau of Land Management June 13, 1988; Commissioner of Public Lands June 16, 1988; and the Oil Conservation Commission May 16, 1988.

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

cc: R. L. Glenn
R. P. Gregory
M. J. Johnson
L. K. Leaver
L. G. Loving
C. N. Potter
K. J. Stracke
W. S. West

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Supervisor, Land/NGPA

U56N2650
03/03/88

WORKING INTEREST OWNERS
SAN JUAN 29-5 UNIT

AMERICAN PETROFINA CO. OF TEXAS
P.O. BOX 2159
DALLAS, TX
75221

KOCH INDUSTRIES, INC.
P.O. BOX 2256
WICHITA, KS
67201

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
DENVER, CO
80202

MABELLE MCELVAIN MILLER
P.O. BOX 1445
KERRVILLE, TX
78028

ROILACK MINERALS CO.
ROUTE 3 SOUTH, BOX 47
3901 BLOOMFIELD HIGHWAY
FARMINGTON, NM
87401

MAYDELL MILLER MAST TRUST
P.O. BOX 1445
KERRVILLE, TX
78028

BRENDA PETKE
18 SHADOW LANE
CHADS FORD, PA
19317

MERIDIAN OIL PRODUCTION INC
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM
87401

CATHERINE B. MCELVAIN
EXECUTRIX OF THE ESTATE OF
T.H. MCELVAIN, DECEASED
P.O. BOX 2148
SANTA FE, NM
87501

NANCY RIDGLEY
2475 BEXLEY PARK DRIVE
COLUMBUS, OH
43209

CORRINE MILLER GAY TRUST
P.O. BOX 1445
KERRVILLE, TX
78028

PHILLIPS PETROLEUM COMPANY
ATTN: DAVID S. SMITH
8055 E. TUFTS AVE. PKWY.
DENVER, CO
80237

JAMES E. MCELVAIN, EXECUTOR
ESTATE OF CARL R. MCELVAIN
P.O. BOX 63
MORRIS, IL
60450

RUTH M. VAUGHAN
1400 WAVERLY ROAD #B-115
GLADWYNE, PA
19035

JAMES M RAYMOND
P.O. BOX 1445
KERRVILLE, TX
78028

SUN EXPLORATION & PRODUCTION COMPANY
ATTN: OBO ACCOUNTING
P.O. BOX 2880
DALLAS, TX
75221

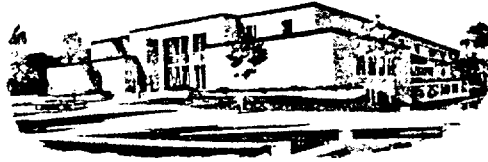
U56N2650
03/03/88

WORKING INTEREST OWNERS
SAN JUAN 29-5 UNIT

T H MCELVAIN OIL & GAS PROPERTIES
ATTN: T.H. MCELVAIN JR., MANAGER
P.O. BOX 2148
SANTA FE, NM
87501

THE WISER OIL COMPANY
905 OIL & GAS BUILDING
WICHITA FALLS, TX
76301

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

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

June 16, 1988

Northwest Pipeline Corp.
Attn: Mr. Darrell L. Gillen
P. O. Box 8900
Salt Lake City, Utah 84108-0899

Re: San Juan 29-5 Unit, Rio Arriba
County, New Mexico, Application
for Approval of 24th & 25th
Expanded Participating Area,
Mesaverde Formation

Gentlemen:

The Bureau of Land Management has notified this office that the 24th and 25th expanded Participating Area for the Mesaverde Formation San Juan 29-5 unit, San Juan County, New Mexico have been approved. Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management and has this date also approved your application for the above mentioned Participating Areas.

The 24th revision adds 320.00 acres to the Mesaverde Participating Area and is described as the $W\frac{1}{2}$ of Section 25, Township 29 North, Range 5 West., NMPM. The 24th revision is effective as of November 1, 1982.

The 25th revision adds 324.17 acres to the Mesaverde Participating Area and is described as Lots 3, 4, $S\frac{1}{2}NW\frac{1}{4}$, $SW\frac{1}{4}$ of Section 2, Township 29 North, Range 5 West., NMPM. The 25th revision is effective as of October 1, 1985.

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
BLM
OGAD



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
435 MONTANO N.E.
ALBUQUERQUE, NEW MEXICO 87107



JUN 13 1988

San Juan 29-5 (PA)
3160 (015)

Northwest Pipeline Corporation
Attn: Darrell L. Gillen
P.O. Box 8900
Salt Lake City, UT 84108

Gentlemen:

We have received your letter of May 5, 1988. You requested the approval of the 24th and 25th expanded Participating Area Mesaverde Formation, San Juan 29-5 Unit, Rio Arriba County, New Mexico. The application for approval of the 24th revision seeks to add 320 acres described as the W $\frac{1}{2}$ Section 25, T. 29 N., R. 5 W., NMPM, to the Mesaverde Participating Area. Contributing to this area is the completion of the San Juan 29-5 Unit Well No. 106 (located 1950 feet from the south line and 1450 feet from the west line, Section 25, T. 29 N., R. 5 W.). The 24th revision is approved on this date and is effective November 1, 1982.

The application for approval of the 25th revision seeks to add 324.17 acres described as Lots 3, 4, S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ Section 2, T. 29 N., R. 5 W., NMPM, Mesaverde Participating Area. Contributing to this area is the completion of the San Juan 29-5 unit Well No. 107 (located 1040 feet from the north line and 790 feet from the west line, Section 2, T. 29 N., R. 5 W.). The 25th revision is approved on this date and is effective October 1, 1985.

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

Sincerely,

Assistant District Manager
Mineral Resources

Enclosure

LAND DEPARTMENT

186-88
P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0899
801-584-7215

May 5, 1988

Assistant District Manager, Minerals
Bureau of Land Management
425 Montano, N.E.
Albuquerque, NM 87107

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87501

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
P.O. Box 2088
Santa Fe, NM 87501

Re: San Juan 29-5 Unit #14-08-001-437
Rio Arriba County, New Mexico

APPLICATION FOR APPROVAL OF THE TWENTY-FOURTH PARTICIPATING AREA
Mesaverde Formation
Effective November 1, 1982

APPLICATION FOR APPROVAL OF THE TWENTY-FIFTH PARTICIPATING AREA
Mesaverde Formation
Effective October 1, 1985

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 29-5 Unit Agreement #14-08-001-437, approved November 21, 1952, Northwest Pipeline Corporation, as Unit Operator, hereby respectfully requests approval of the Twenty-Fourth and Twenty-Fifth Participating Areas for the Mesaverde formation.

These proposed revisions of the participating area for the Mesaverde formation are predicated upon the determination by Northwest Pipeline Corporation, as Unit Operator, that the following San Juan 29-5 Unit Mesaverde wells, which were completed outside the limits of the existing Mesaverde Participating Area, are capable of producing unitized substances in paying quantities from the Mesaverde formation.

Bureau of Land Management
Commissioner of Public Lands
Oil Conservation Commission
May 5, 1988
Page 2

TWENTY-FOURTH PARTICIPATING AREA - Effective November 1, 1982

<u>Description of Land</u>	<u>No. of Acres</u>
Township 29 North, Range 5 West, N.M.P.M. Section 25: W/2	320.00

The well data is as follows:

The San Juan 29-5 Unit #106 well is located 1950 feet from the south line and 1450 feet from the west line, Section 25, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on September 9, 1982 and completed in the Mesaverde formation on October 1, 1982. The Mesaverde formation was perforated with 28 holes at the following depths:

5640', 5651', 5690', 5700', 5726', 5744', 5780',
5798', 5838', 5898', 5914', 5988', 6028', 6034',
6040', 6046', 6052', 6058', 6066', 6072', 6078',
6084', 6092', 6103', 6125', 6130', 6140', 6150'

These perforations were treated with 87,234 gallons of pad water carrying 100,000 pounds of 20/40 sand. The well was tested on October 18, 1982 using a positive choke in a three hour test. The well was tested at a 1983 MCFD flow rate with a calculated AOF of 2119 MCFD. The ISIP was measured at 1158 psig.

TWENTY-FIFTH PARTICIPATING AREA - Effective October 1, 1985

<u>Description of Lands</u>	<u>No. of Acres</u>
Township 29 North, Range 5 West, N.M.P.M. Section 2: Lots 3, 4, S/2NW/4, SW/4 (W/2)	324.17

The well data is as follows:

The San Juan 29-5 Unit #107 well is located 1040 feet from the north line and 790 feet from the west line, Section 2, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on June 10, 1985 and completed in the Mesaverde formation on August 26, 1985. The plug back depth is 6300 feet. The Mesaverde formation was perforated with 29 holes at the following depths:

Bureau of Land Management
Commissioner of Public Lands
Oil Conservation Commission
May 5, 1988
Page 3

5858', 5880', 5883', 5907', 5933', 5944', 5983', 6010',
6024', 6042', 6067', 6097', 6102', 6107', 6112', 6117',
6122', 6134', 6139', 6144', 6149', 6156', 6161', 6166',
6171', 6176', 6181', 6253', 6258'

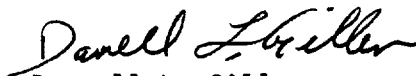
The Mesaverde formation was hydraulically fractured with 92,106 gallons of treated fluid carrying 100,000 pounds of 20/40 mesh sand. On September 5, 1985 the Mesaverde formation was tested using a positive choke. During the three hour test the well produced 324 MCF of gas, flowing at a rate of 2592 MCFD with a calculated AOF of 2963 MCFD. The shut-in pressure prior to the test was 1042 psig.

Attached are Schedules XXV and XXVI along with the ownership maps showing the Twenty-Fourth and Twenty-Fifth Participating Areas for the Mesaverde formation of the San Juan 29-5 Unit area. The Schedules describe the Revised Participating Area and show the percentage of unitized substances allocated to each unitized tract. Inasmuch as these applications need no official approval, in the absence of disapproval within 30 days, the Twenty-Fourth Participating Area will become effective November 1, 1982 and the Twenty-Fifth Participating Area will become effective October 1, 1985.

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

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Supervisor, Land/NGPA

DLG/cg

Attachments

cc: Working Interest Owners

K. J. Stracke

W. S. West

L. G. Loving

C. N. Potter

R. L. Glenn

M. H. Johnson

R. P. Gregory

L. K. Leaver

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
May 5, 1988
Page 4

APPROVED

Assistant District Manager, Minerals
Bureau of Land Management
Subject to like approval by the
Commissioner of Public Lands
and the Oil Conservation Commission

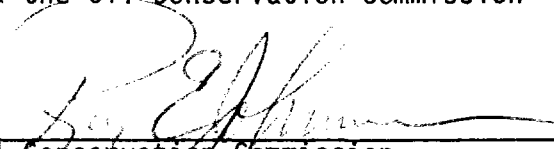
DATE

APPROVED

Commissioner of Public Lands
Subject to like approval by the
Area Oil and Gas Supervisor
and the Oil Conservation Commission

DATE

APPROVED



Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor
and the Commissioner of Public Lands

DATE

5-16-88

The foregoing are approvals for the TWENTY-FOURTH AND TWENTY-FIFTH
PARTICIPATING AREAS in the Mesaverde formation of the San Juan 29-5 Unit.

U56N2650
03/03/88

WORKING INTEREST OWNERS
SAN JUAN 29-5 UNIT

AMERICAN PETROFINA CO. OF TEXAS
P.O. BOX 2159
DALLAS, TX
75221

KOCH INDUSTRIES, INC.
P.O. BOX 2256
WICHITA, KS
67201

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
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MERIDIAN OIL PRODUCTION INC
LAND DEPARTMENT
P.O. BOX 4289
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CATHERINE B. MCELVAIN
EXECUTRIX OF THE ESTATE OF
T.H. MCELVAIN, DECEASED
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8055 E. TUFTS AVE. PKWY.
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JAMES E. MCELVAIN, EXECUTOR
ESTATE OF CARL R. MCELVAIN
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60450

RUTH M. VAUGHAN
1400 WAVERLY ROAD #B-115
GLADWYNE, PA
19035

JAMES M RAYMOND
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KERRVILLE, TX
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SUN EXPLORATION & PRODUCTION COMPANY
ATTN: OBO ACCOUNTING
P.O. BOX 2880
DALLAS, TX
75221

U56N2650
03/03/88

WORKING INTEREST OWNERS
SAN JUAN 29-5 UNIT

T H MCELVAIN OIL & GAS PROPERTIES
ATTN: T.H. MCELVAIN JR., MANAGER
P.O. BOX 2148
SANTA FE, NM
87501

THE WISER OIL COMPANY
905 OIL & GAS BUILDING
WICHITA FALLS, TX
76301

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 1</u>						
SF-078277	T-29-N, R-5-W Sec. 18: SW/4, W/2NW/4, SE/4NW/4	280.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	1.861118%
<u>TRACT 1-A</u>						
SF-078277	T-29-N, R-5-W Sec. 7: Lot 3, SE/4	198.96	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	1.322457%
<u>TRACT 1-B</u>						
SF-078277	T-29-N, R-5-W Sec. 7: Lots 1, 2, NE/4, N/2NW/4	309.54	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	2.057466%
<u>TRACT 2</u>						
SF-078281	T-29-N, R-5-W Sec. 17: All Sec. 18: E/2 Sec. 20: N/2	1,280.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	8.507968%
<u>TRACT 3</u>						
SF-078282	T-29-N, R-5-W Sec. 19: All Sec. 30: SE/4SE/4	680.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	4.519858%

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 3-A</u>						
SF-078282	T-29-N, R-5-W	600.00	Royalty	12.500000%	12.500000%	3.988110%
	Sec. 29: N/2, SW/4		Working Interest Northwest Pipeline Corp.	83.000000%	83.000000%	
	Sec. 31: NE/4NE/4, N/2NW/4		ORRI Total	4.500000% 100.000000% =====	4.500000% 100.000000% =====	
<u>TRACT 4</u>						
SF-078305	T-29-N, R-5-W	320.00	Royalty	12.500000%	12.500000%	2.126992%
	Sec. 6: SW/4		Working Interest Northwest Pipeline Corp.	82.500000%	82.500000%	
	Sec. 8: SE/4		ORRI Total	5.000000% 100.000000% =====	5.000000% 100.000000% =====	
<u>TRACT 4-A</u>						
NM-011348	T-29-N, R-5-W	80.00	Royalty	12.500000%	12.500000%	0.531748%
	Sec. 33: W/2NE/4		Working Interest El Paso Natural Gas Co. Tom Bolack	41.250000% 41.250000%	41.250000% 41.250000%	
			ORRI Total	5.000000% 100.000000% =====	5.000000% 100.000000% =====	
<u>TRACT 4-B</u>						
NM-011348	T-29-N, R-5-W	120.00	Royalty	12.500000%	12.500000%	0.797622%
	Sec. 31: N/2SE/4, NE/4SW/4		Working Interest Tom Bolack	87.500000%	87.500000%	
			ORRI Total	0.000000% 100.000000% =====	0.000000% 100.000000% =====	
<u>TRACT 4-C</u>						
NM-011348-A	T-29-N, R-5-W	80.00	Royalty	12.500000%	12.500000%	0.531748%
	Sec. 33: E/2NW/4		Working Interest American Petrofina Co. of Tx.	87.500000%	87.500000%	
			ORRI Total	0.000000% 100.000000% =====	0.000000% 100.000000% =====	

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 5</u>						
SF-078343	T-29-N, R-5-W Sec. 5: Lots 1, 2, 3, 4, S/2N/2	322.24	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.000000% 4.500000% <u>100.000000%</u> =====	12.500000% 83.000000% 4.500000% <u>100.000000%</u> =====	2.141881%
<u>TRACT 6</u>						
SF-078410	T-29-N, R-5-W Sec. 6: Lots 1, 2, 3, 4, S/2N/2, SE/4 Sec. 8: NE/4	640.88	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	4.259834%
<u>TRACT 6-A</u>						
SF-078410-A	T-29-N, R-5-W Sec. 31: S/2SE/4, SE/4SW/4	120.00	Royalty Working Interest El Paso Natural Gas Co. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	0.797622%
<u>TRACT 6-B</u>						
SF-078410	T-29-N, R-5-W Sec. 8: NW/4	160.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	1.063496%
<u>TRACT 7</u>						
SF-078412	T-29-N, R-5-W Sec. 34: SE/4SW/4, S/2SE/4, NE/4SE/4, SE/4NE/4	200.00	Royalty Working Interest El Paso Natural Gas Co. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	1.329370%

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 8</u>						
SF-078642	T-29-N, R-5-W	400.00	Royalty	12.500000%	12.500000%	2.658740%
	Sec. 5: N/2SW/4,		Working Interest			
	SE/4		Northwest Pipeline Corp.	82.500000%	82.500000%	
	Sec. 9: SE/4		ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 12</u>						
SF-078917	T-29-N, R-5-W	1,280.00	Royalty	12.500000%	12.500000%	8.507969%
	Sec. 25: W/2		Working Interest			
	Sec. 26: All		Northwest Pipeline Corp.	82.500000%	82.500000%	
	Sec. 35: W/2		ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 13</u>						
SF-079033	T-29-N, R-5-W	320.00	Royalty	12.500000%	12.500000%	2.126992%
	Sec. 23: W/2		Working Interest			
			El Paso Natural Gas Co.	84.500000%	84.500000%	
			ORRI	3.000000%	3.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 15</u>						
SF-079851	T-29-N, R-5-W	560.00	Royalty	12.500000%	12.500000%	3.722236%
	Sec. 30: N/2,		Working Interest			
	N/2S/2, S/2SW/4		Northwest Pipeline Corp.	83.000000%	83.000000%	
			ORRI	4.500000%	4.500000%	
			Total	100.000000%	100.000000%	
<u>TRACT 16</u>						
SF-079944	T-29-N, R-5-W	80.00	Royalty	12.500000%	12.500000%	0.531748%
	Sec. 22: S/2SE/4		Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	

UNIT AREA EXPANSION SCHEDULE

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0609-82SCHEDULE XXV
TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 16-A</u>						
NM-011349	T-29-N, R-5-W Sec. 27: SW/4	160.00	Royalty Working Interest El Paso Natural Gas Co. Tom Bolack ORRI Total	12.500000% 41.250000% 41.250000% 5.000000% <u>100.000000%</u> =====	12.500000% 41.250000% 41.250000% 5.000000% <u>100.000000%</u> =====	1.063496%
<u>TRACT 16-B</u>						
NM-011349-A	T-29-N, R-5-W Sec. 27: S/2NW/4, NE/4	240.00	Royalty Working Interest American Petrofina Co. of Tx. ORRI Total	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	1.595244%
<u>TRACT 16-C</u>						
NM-011349-B	T-29-N, R-5-W Sec. 27: SE/4	160.00	Royalty Working Interest El Paso Natural Gas Co. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	1.063496%
<u>TRACT 17</u>						
SF-080069	T-29-N, R-5-W Sec. 5: S/2SW/4 Sec. 9: SW/4 Sec. 15: S/2	560.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	3.722236%
<u>TRACT 17-A</u>						
NM-011350	T-29-N, R-5-W Sec. 33: E/2E/2, W/2SE/4	240.00	Royalty Working Interest El Paso Natural Gas Co. Tom Bolack ORRI Total	12.500000% 41.250000% 41.250000% 5.000000% <u>100.000000%</u> =====	12.500000% 41.250000% 41.250000% 5.000000% <u>100.000000%</u> =====	1.595244%

UNIT AREA EXPANSION SCHEDULE

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0609-83SCHEDULE XXV
TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 17-B</u>						
NM-011350-A	T-29-N, R-5-W	360.00	Royalty	12.500000%	12.500000%	2.392866%
	Sec. 33: S/2SW/4		Working Interest			
	Sec. 34: W/2W/2, NE/4NW/4, N/2NE/4		American Petrofina Co. of Tx.	87.500000%	87.500000%	
	ORRI		0.000000%	0.000000%		
	Total		100.000000%	100.000000%		
<u>TRACT 17-C</u>						
SF-080069	T-29-N, R-5-W	120.00	Royalty	12.500000%	12.500000%	0.797622%
	Sec. 22: N/2NE/4, SE/4NE/4		Working Interest			
	Northwest Pipeline Corp.		82.500000%	82.500000%		
	ORRI		5.000000%	5.000000%		
	Total		100.000000%	100.000000%		
<u>TRACT 18</u>						
SF-080179	T-29-N, R-5-W	320.00	Royalty	12.500000%	12.500000%	2.126992%
	Sec. 9: N/2		Working Interest			
	Northwest Pipeline Corp.		82.500000%	82.500000%		
	ORRI		5.000000%	5.000000%		
	Total		100.000000%	100.000000%		
<u>TRACT 20</u>						
SF-081114	T-29-N, R-5-W	321.60	Royalty	12.500000%	12.500000%	2.137627%
	Sec. 4: Lots 3, 4, S/2NW/4, SW/4		Working Interest			
	Northwest Pipeline Corp.		83.500000%	83.500000%		
	ORRI		4.000000%	4.000000%		
	Total		100.000000%	100.000000%		
<u>TRACT 21</u>						
NM-03188	T-29-N, R-5-W	480.00	Royalty	12.500000%	12.500000%	3.190488%
	Sec. 8: SW/4		Working Interest			
	Sec. 20: S/2		Northwest Pipeline Corp.	83.500000%	83.500000%	
	ORRI		4.000000%	4.000000%		
	Total		100.000000%	100.000000%		

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 21-A</u>						
NM-03188	T-29-N, R-5-W Sec. 29: SE/4	160.00	Royalty	12.500000%	12.500000%	1.063496%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 21-B</u>						
NM-03188	T-29-N, R-5-W Sec. 28: N/2NW/4, SW/4NW/4, S/2SW/4	200.00	Royalty	12.500000%	12.500000%	1.329370%
			Working Interest			
			Northwest Pipeline Corp.	83.500000%	83.500000%	
			ORRI	4.000000%	4.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 21-C</u>						
NM-03188	T-29-N, R-5-W Sec. 21: W/2, W/2NE/4, NW/4SE/4	440.00	Royalty	12.500000%	12.500000%	2.924614%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 22</u>						
E-289-3	T-29-N, R-5-W Sec. 16: NW/4, N/2SW/4 Sec. 32: W/2NW/4	320.00	Royalty	12.500000%	12.500000%	2.126992%
			Working Interest			
			Wiser Oil Co.	87.500000%	87.500000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 22-A</u>						
E-289-35	T-29-N, R-5-W Sec. 32: E/2SE/4	80.00	Royalty	12.500000%	12.500000%	0.531748%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 22-C</u>						
E-289-36	T-29-N, R-5-W Sec. 32: NE/4, SE/4NW/4, W/2SW/4	280.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	1.861118%
<u>TRACT 22-D</u>						
E-289-31	T-29-N, R-5-W Sec. 32: NE/4NW/4	40.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	0.265874%
<u>TRACT 22-G</u>						
E-289-36	T-29-N, R-5-W Sec. 16: W/2NE/4, SE/4SW/4, SE/4	280.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	1.861118%
<u>TRACT 22-H</u>						
E-289-31	T-29-N, R-5-W Sec. 16: E/2NE/4, SW/4SW/4	120.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	0.797622%
<u>TRACT 24</u>						
Fee	T-29-N, R-5-W Sec. 18: NE/4NW/4	40.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	0.265874%

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 24-A</u>						
Fee	T-29-N, R-5-W	121.04	Royalty	12.500000%	12.500000%	0.804535%
	Sec. 7: Lot 4,		Working Interest			
	Tract 37 Less		Northwest Pipeline Corp.	83.500000%	83.500000%	
	North 10.46 acres		ORRI	4.000000%	4.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 24-B</u>						
Fee	T-29-N, R-5-W	10.46	Royalty	12.500000%	12.500000%	0.069526%
	Sec. 7: North		Working Interest			
	10.46 acres of		Northwest Pipeline Corp.	83.500000%	83.500000%	
	Tract 37		ORRI	4.000000%	4.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 26</u>						
Fee	T-29-N, R-5-W	160.00	Royalty	12.500000%	12.500000%	1.063496%
	Sec. 15: NW/4		Working Interest			
			Northwest Pipeline Corp.	83.500000%	83.500000%	
			ORRI	4.000000%	4.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 27</u>						
Fee	T-29-N, R-5-W	159.00	Royalty	12.500000%	12.500000%	1.056849%
	Sec. 21: E/2NE/4		Working Interest			
	Sec. 22: W/2NW/4		Northwest Pipeline Corp.	83.500000%	83.500000%	
	Less 1 acre out of		ORRI	4.000000%	4.000000%	
	SW corner		Total	100.000000%	100.000000%	
<u>TRACT 27-A</u>						
Fee	T-29-N, R-5-W	1.00	Royalty	12.500000%	12.500000%	0.006647%
	Sec. 22: 1		Working Interest			
	acre out of SW		Northwest Pipeline Corp.	87.500000%	87.500000%	
	corner of W/2NW/4		ORRI	0.000000%	0.000000%	
			Total	100.000000%	100.000000%	

SCHEDULE XXV
TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 28</u>						
Fee	T-29-N, R-5-W	120.00	Working Interest			0.000000%
	Sec. 21: SE/4SE/4		Larry Mizel	11.253334%	0.000000%	
	Sec. 28: E/2NE/4		Steven Mayer Mizel	11.253333%	0.000000%	
			Gary Dean Mizel	11.253333%	0.000000%	
			Vicki Mizel	11.253333%	0.000000%	
			Ann Fisher	9.973333%	0.000000%	
			Robert C. Witten Trust	22.506667%	0.000000%	
			Robert C. Witten	11.253333%	0.000000%	
			Barbara Y. Witten	11.253334%	0.000000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	0.000000%	
				=====	=====	
	T-29-N, R-5-W	40.00	Working Interest			0.000000%
	Sec. 21: NE/4SE/4		Robert Cohen	100.000000%	0.000000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	0.000000%	
				=====	=====	
<u>TRACT 29</u>						
Fee	T-29-N, R-5-W	320.00	Royalty	12.500000%	12.500000%	2.126992%
	Sec. 28: SE/4,		Working Interest			
	N/2SW/4, SE/4NW/4,		Northwest Pipeline Corp.	83.500000%	83.500000%	
	SW/4NE/4		ORRI	4.000000%	4.000000%	
			Total	100.000000%	100.000000%	
				=====	=====	
<u>TRACT 30</u>						
Fee	T-29-N, R-5-W	220.00	Royalty	12.500000%	12.500000%	1.462307%
	Sec. 30: SW/4SE/4		Working Interest			
	Sec. 31: W/2NE/4,		Northwest Pipeline Corp.	83.500000%	83.500000%	
	SE/4NE/4, SE/4NW/4,		ORRI	4.000000%	4.000000%	
	N/2SW/4NW/4		Total	100.000000%	100.000000%	
				=====	=====	
<u>TRACT 31</u>						
Fee	T-29-N, R-5-W	128.00	Royalty	12.500000%	12.500000%	0.850797%
	Sec. 34: SW/4NE/4,		Working Interest			
	NW/4SE/4, SE/4NW/4,		Northwest Pipeline Corp.	84.500000%	84.500000%	
	NE/4SW/4 less 32		ORRI	3.000000%	3.000000%	
	acres in SW corner		Total	100.000000%	100.000000%	
				=====	=====	

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 32</u>						
Fee	T-29-N, R-5-W Sec. 34: 32 acres out of SW corner of NE/4SW/4	32.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 84.500000% 3.000000% <u>100.000000%</u> =====	12.500000% 84.500000% 3.000000% <u>100.000000%</u> =====	0.212699%
<u>TRACT 33</u>						
Fee	T-29-N, R-5-W Sec. 31: W/2SW/4, S/2SW/4NW/4	100.00	Royalty Working Interest American Petrofina Co. of Tx. Koch Industries, Inc. ORRI Total	12.500000% 21.875000% 65.625000% 0.000000% <u>100.000000%</u> =====	12.500000% 21.875000% 65.625000% 0.000000% <u>100.000000%</u> =====	0.664685%
<u>TRACT 34</u>						
Fee	T-29-N, R-5-W Sec. 32: E/2SW/4, W/2SE/4	160.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	1.063496%
<u>TRACT 35</u>						
Fee	T-29-N, R-5-W Sec. 33: W/2NW/4, N/2SW/4	160.00	Royalty Working Interest T.H. McElvain Oil & Gas Properties ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	1.063496%
<u>TRACT 37</u>						
Fee	T-29-N, R-5-W Sec. 21: SW/4SE/4 Sec. 28: NW/4NE/4	80.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	0.531743%

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 38</u>						
Fee	T-29-N, R-5-W	318.00	Royalty	12.500000%	12.500000%	2.113699%
	Sec. 22: E/2NW/4,		Working Interest			
	SW/4 less 2 acres		Northwest Pipeline Corp.	87.500000%	87.500000%	
	out of NE/4SW/4		ORRI	0.000000%	0.000000%	
	Sec. 27: N/2NW/4		Total	100.000000%	100.000000%	
<u>TRACT 38-A</u>						
Fee	T-29-N, R-5-W	1.00	Royalty	12.500000%	12.500000%	0.006647%
	Sec. 22: 1 acre		Working Interest			
	in NW/4SE/4		Northwest Pipeline Corp.	87.500000%	87.500000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 38-B</u>						
Fee	T-29-N, R-5-W	2.00	Royalty	12.500000%	12.500000%	0.013294%
	Sec. 22: 2 acres		Working Interest			
	out of NE/4SW/4		Northwest Pipeline Corp.	87.500000%	87.500000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 38-C</u>						
Fee	T-29-N, R-5-W	119.00	Royalty	12.500000%	12.500000%	0.790975%
	Sec. 22: SW/4NE/4,		Working Interest			
	N/2SE/4 less 1		Northwest Pipeline Corp.	87.500000%	87.500000%	
	acre out of		ORRI	0.000000%	0.000000%	
	NW/4SE/4		Total	100.000000%	100.000000%	

SCHEDULE XXV
TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

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

Description of lands in Mesaverde Participating Area:

Township 29 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 21, 22,
26, 27, 28, 29, 30, 31, 32, 33, 34: All

Sections 4, 23, 25, 35: W/2

Section 15: W/2, SE/4

Total Number of Acres in Participating Area: 15,204.72

Total Number of Acres Committed to Participating Area: 15,044.72

Total Number of Acres Not Committed to Participating Area: 160.00

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 1</u>						
SF-078277	T-29-N, R-5-W Sec. 18: SW/4, W/2NW/4, SE/4NW/4	280.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	1.821862%
<u>TRACT 1-A</u>						
SF-078277	T-29-N, R-5-W Sec. 7: Lot 3, SE/4	198.96	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	1.294563%
<u>TRACT 1-B</u>						
SF-078277	T-29-N, R-5-W Sec. 7: Lots 1, 2, NE/4, N/2NW/4	309.54	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	2.014069%
<u>TRACT 2</u>						
SF-078281	T-29-N, R-5-W Sec. 17: All Sec. 18: E/2 Sec. 20: N/2	1,280.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	8.328513%
<u>TRACT 3</u>						
SF-078282	T-29-N, R-5-W Sec. 19: All Sec. 30: SE/4SE/4	680.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	4.424523%

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 3-A</u>						
SF-078282	T-29-N, R-5-W	600.00	Royalty	12.500000%	12.500000%	3.903951%
	Sec. 29: N/2,		Working Interest			
	SW/4		Northwest Pipeline Corp.	83.000000%	83.000000%	
	Sec. 31: NE/4NE/4,		ORRI	4.500000%	4.500000%	
	N/2NW/4		Total	<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 4</u>						
SF-078305	T-29-N, R-5-W	320.00	Royalty	12.500000%	12.500000%	2.082128%
	Sec. 6: SW/4		Working Interest			
	Sec. 8: SE/4		Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 4-A</u>						
NM-011348	T-29-N, R-5-W	80.00	Royalty	12.500000%	12.500000%	0.520532%
	Sec. 33: W/2NE/4		Working Interest			
			El Paso Natural Gas Co.	41.250000%	41.250000%	
			Tom Bolack	41.250000%	41.250000%	
			ORRI	5.000000%	5.000000%	
			Total	<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 4-B</u>						
NM-011348	T-29-N, R-5-W	120.00	Royalty	12.500000%	12.500000%	0.780798%
	Sec. 31: N/2SE/4,		Working Interest			
	NE/4SW/4		Tom Bolack	87.500000%	87.500000%	
			ORRI	0.000000%	0.000000%	
			Total	<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 4-C</u>						
NM-011348-A	T-29-N, R-5-W	80.00	Royalty	12.500000%	12.500000%	0.520532%
	Sec. 33: E/2NW/4		Working Interest			
			American Petrofina Co.			
			of Tx.	87.500000%	87.500000%	
			ORRI	0.000000%	0.000000%	
			Total	<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 5</u>						
SF-078343	T-29-N, R-5-W Sec. 5: Lots 1, 2, 3, 4, S/2N/2	322.24	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.000000% 4.500000% <u>100.000000%</u> =====	12.500000% 83.000000% 4.500000% <u>100.000000%</u> =====	2.096703%
<u>TRACT 6</u>						
SF-078410	T-29-N, R-5-W Sec. 6: Lots 1, 2, 3, 4, S/2N/2, SE/4 Sec. 8: NE/4	640.88	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	4.169983%
<u>TRACT 6-A</u>						
SF-078410-A	T-29-N, R-5-W Sec. 31: S/2SE/4, SE/4SW/4	120.00	Royalty Working Interest El Paso Natural Gas Co. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	0.780798%
<u>TRACT 6-B</u>						
SF-078410	T-29-N, R-5-W Sec. 8: NW/4	160.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	1.041064%
<u>TRACT 7</u>						
SF-078412	T-29-N, R-5-W Sec. 34: SE/4SW/4, S/2SE/4, NE/4SE/4, SE/4NE/4	200.00	Royalty Working Interest El Paso Natural Gas Co. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	1.301330%

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 8</u>						
SF-078642	T-29-N, R-5-W Sec. 5: N/2SW/4, SE/4 Sec. 9: SE/4	400.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	2.602660%
<u>TRACT 12</u>						
SF-078917	T-29-N, R-5-W Sec. 25: W/2 Sec. 26: All Sec. 35: W/2	1,280.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	8.328513%
<u>TRACT 13</u>						
SF-079033	T-29-N, R-5-W Sec. 23: W/2	320.00	Royalty Working Interest El Paso Natural Gas Co. ORRI Total	12.500000% 84.500000% 3.000000% <u>100.000000%</u> =====	12.500000% 84.500000% 3.000000% <u>100.000000%</u> =====	2.082128%
<u>TRACT 15</u>						
SF-079851	T-29-N, R-5-W Sec. 30: N/2, N/2S/2, S/2SW/4	560.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.000000% 4.500000% <u>100.000000%</u> =====	12.500000% 83.000000% 4.500000% <u>100.000000%</u> =====	3.643725%
<u>TRACT 16</u>						
SF-079944	T-29-N, R-5-W Sec. 22: S/2SE/4	80.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	0.520532%

UNIT AREA EXPANSION SCHEDULE

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0609-95SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 16-A</u>						
NM-011349	T-29-N, R-5-W Sec. 27: SW/4	160.00	Royalty	12.500000%	12.500000%	1.041064%
			Working Interest			
			El Paso Natural Gas Co.	41.250000%	41.250000%	
			Tom Bolack	41.250000%	41.250000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 16-B</u>						
NM-011349-A	T-29-N, R-5-W Sec. 27: S/2NW/4, NE/4	240.00	Royalty	12.500000%	12.500000%	1.561596%
			Working Interest			
			American Petrofina Co. of Tx.	87.500000%	87.500000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 16-C</u>						
NM-011349-B	T-29-N, R-5-W Sec. 27: SE/4	160.00	Royalty	12.500000%	12.500000%	1.041064%
			Working Interest			
			El Paso Natural Gas Co.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 17</u>						
SF-080069	T-29-N, R-5-W Sec. 5: S/2SW/4 Sec. 9: SW/4 Sec. 15: S/2	560.00	Royalty	12.500000%	12.500000%	3.643725%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 17-A</u>						
NM-011350	T-29-N, R-5-W Sec. 33: E/2E/2, W/2SE/4	240.00	Royalty	12.500000%	12.500000%	1.561596%
			Working Interest			
			El Paso Natural Gas Co.	41.250000%	41.250000%	
			Tom Bolack	41.250000%	41.250000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	

UNIT AREA EXPANSION SCHEDULE

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0609-96SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 17-B</u>						
NM-011350-A	T-29-N, R-5-W Sec. 33: S/2SW/4 Sec. 34: W/2W/2, NE/4NW/4, N/2NE/4	360.00	Royalty Working Interest American Petrofina Co. of Tx. ORRI Total	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	2.342394%
<u>TRACT 17-C</u>						
SF-080069	T-29-N, R-5-W Sec. 22: N/2NE/4, SE/4NE/4	120.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	0.780798%
<u>TRACT 18</u>						
SF-080179	T-29-N, R-5-W Sec. 9: N/2	320.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	2.082128%
<u>TRACT 20</u>						
SF-081114	T-29-N, R-5-W Sec. 4: Lots 3, 4, S/2NW/4, SW/4	321.60	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	2.092539%
<u>TRACT 21</u>						
NM-03188	T-29-N, R-5-W Sec. 8: SW/4 Sec. 20: S/2	480.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	3.123192%

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 21-A</u>						
NM-03188	T-29-N, R-5-W Sec. 29: SE/4	160.00	Royalty	12.500000%	12.500000%	1.041064%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 21-B</u>						
NM-03188	T-29-N, R-5-W Sec. 28: N/2NW/4, SW/4NW/4, S/2SW/4	200.00	Royalty	12.500000%	12.500000%	1.301330%
			Working Interest			
			Northwest Pipeline Corp.	83.500000%	83.500000%	
			ORRI	4.000000%	4.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 21-C</u>						
NM-03188	T-29-N, R-5-W Sec. 21: W/2, W/2NE/4, NW/4SE/4	440.00	Royalty	12.500000%	12.500000%	2.862926%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 22</u>						
E-289-3	T-29-N, R-5-W Sec. 16: NW/4, N/2SW/4 Sec. 32: W/2NW/4	320.00	Royalty	12.500000%	12.500000%	2.082128%
			Working Interest			
			Wiser Oil Co.	87.500000%	87.500000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 22-A</u>						
E-289-35	T-29-N, R-5-W Sec. 32: E/2SE/4	80.00	Royalty	12.500000%	12.500000%	0.520532%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	100.000000%	100.000000%	

UNIT AREA EXPANSION SCHEDULE

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TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 22-B</u>						
E-289-42	T-29-N, R-5-W Sec. 2: S/2NW/4, SW/4	240.00	Royalty	12.500000%	12.500000%	1.561596%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 22-C</u>						
E-289-36	T-29-N, R-5-W Sec. 32: NE/4, SE/4NW/4, W/2SW/4	280.00	Royalty	12.500000%	12.500000%	1.821862%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 22-D</u>						
E-289-31	T-29-N, R-5-W Sec. 32: NE/4NW/4	40.00	Royalty	12.500000%	12.500000%	0.260266%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 22-E</u>						
E-289-39	T-29-N, R-5-W Sec. 2: Lots 3, 4	84.17	Royalty	12.500000%	12.500000%	0.547665%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 22-G</u>						
E-289-36	T-29-N, R-5-W Sec. 16: W/2NE/4, SE/4SW/4, SE/4	280.00	Royalty	12.500000%	12.500000%	1.821862%
			Working Interest			
			Northwest Pipeline Corp.	82.500000%	82.500000%	
			ORRI	5.000000%	5.000000%	
			Total	<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 22-H</u>						
E-289-31	T-29-N, R-5-W Sec. 16: E/2NE/4, SW/4SW/4	120.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	0.780798%
<u>TRACT 24</u>						
Fee	T-29-N, R-5-W Sec. 18: NE/4NW/4	40.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	0.260266%
<u>TRACT 24-A</u>						
Fee	T-29-N, R-5-W Sec. 7: Lots 4, Tract 37 Less North 10.46 acres	121.04	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	0.787565%
<u>TRACT 24-B</u>						
Fee	T-29-N, R-5-W Sec. 7: North 10.46 acres of Tract 37	10.46	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	0.068060%
<u>TRACT 26</u>						
Fee	T-29-N, R-5-W Sec. 15: NW/4	160.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	12.500000% 83.500000% 4.000000% <u>100.000000%</u> =====	1.041064%

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 27</u>						
Fee	T-29-N, R-5-W	159.00	Royalty	12.500000%	12.500000%	1.034558%
	Sec. 21: E/2NE/4		Working Interest			
	Sec. 22: W/2NW/4		Northwest Pipeline Corp.	83.500000%	83.500000%	
	Less 1 acre out of		ORRI	4.000000%	4.000000%	
	SW corner		Total	100.000000%	100.000000%	
<u>TRACT 27-A</u>						
Fee	T-29-N, R-5-W	1.00	Royalty	12.500000%	12.500000%	0.006507%
	Sec. 22: 1		Working Interest			
	acre out of SW		Northwest Pipeline Corp.	87.500000%	87.500000%	
	corner of W/2NW/4		ORRI	0.000000%	0.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 28</u>						
Fee	T-29-N, R-5-W	120.00	Working Interest			0.000000%
	Sec. 21: SE/4SE/4		Larry Mizel	11.253334%	0.000000%	
	Sec. 28: E/2NE/4		Steven Mayer Mizel	11.253333%	0.000000%	
			Gary Dean Mizel	11.253333%	0.000000%	
			Vicki Mizel	11.253333%	0.000000%	
			Ann Fisher	9.973333%	0.000000%	
			Robert C. Witten Trust	22.506667%	0.000000%	
			Robert C. Witten	11.253333%	0.000000%	
			Barbara Y. Witten	11.253334%	0.000000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	0.000000%	
	T-29-N, R-5-W	40.00	Working Interest			0.000000%
	Sec. 21: NE/4SE/4		Robert Cohen	100.000000%	0.000000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	0.000000%	
<u>TRACT 29</u>						
Fee	T-29-N, R-5-W	320.00	Royalty	12.500000%	12.500000%	2.082128%
	Sec. 28: SE/4,		Working Interest			
	N/2SW/4, SE/4NW/4,		Northwest Pipeline Corp.	83.500000%	83.500000%	
	SW/4NE/4		ORRI	4.000000%	4.000000%	
			Total	100.000000%	100.000000%	

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 30</u>						
Fee	T-29-N, R-5-W	220.00	Royalty	12.500000%	12.500000%	1.431463%
	Sec. 30: SW/4SE/4		Working Interest			
	Sec. 31: W/2NE/4,		Northwest Pipeline Corp.	83.500000%	83.500000%	
	SE/4NE/4, SE/4NW/4,		ORRI	4.000000%	4.000000%	
	N/2SW/4NW/4		Total	100.000000%	100.000000%	
<u>TRACT 31</u>						
Fee	T-29-N, R-5-W	128.00	Royalty	12.500000%	12.500000%	0.832851%
	Sec. 34: SW/4NE/4,		Working Interest			
	NW/4SE/4, SE/4NW/4,		Northwest Pipeline Corp.	84.500000%	84.500000%	
	NE/4SW/4 less 32		ORRI	3.000000%	3.000000%	
	acres in SW corner		Total	100.000000%	100.000000%	
<u>TRACT 32</u>						
Fee	T-29-N, R-5-W	32.00	Royalty	12.500000%	12.500000%	0.208213%
	Sec. 34: 32		Working Interest			
	acres out of SW		Northwest Pipeline Corp.	84.500000%	84.500000%	
	corner of NE/4SW/4		ORRI	3.000000%	3.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 33</u>						
Fee	T-29-N, R-5-W	100.00	Royalty	12.500000%	12.500000%	0.650665%
	Sec. 31: W/2SW/4,		Working Interest			
	S/2SW/4NW/4		American Petrofina Co.			
			of Tx.	21.875000%	21.875000%	
			Koch Industries, Inc.	65.625000%	65.625000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	100.000000%	
<u>TRACT 34</u>						
Fee	T-29-N, R-5-W	160.00	Royalty	12.500000%	12.500000%	1.041064%
	Sec. 32: E/2SW/4,		Working Interest			
	W/2SE/4		Northwest Pipeline Corp.	87.500000%	87.500000%	
			ORRI	0.000000%	0.000000%	
			Total	100.000000%	100.000000%	

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
<u>TRACT 35</u>						
Fee	T-29-N, R-5-W Sec. 33: W/2NW/4, N/2SW/4	160.00	Royalty Working Interest T.H. McElvain Oil & Gas Properties ORRI Total	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	12.500000% 82.500000% 5.000000% <u>100.000000%</u> =====	1.041064%
<u>TRACT 37</u>						
Fee	T-29-N, R-5-W Sec. 21: SW/4SE/4 Sec. 28: NW/4NE/4	80.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	0.520532%
<u>TRACT 38</u>						
Fee	T-29-N, R-5-W Sec. 22: E/2NW/4, SW/4 less 2 acres out of NE/4SW/4 Sec. 27: N/2NW/4	318.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	2.069115%
<u>TRACT 38-A</u>						
Fee	T-29-N, R-5-W Sec. 22: 1 acre in NW/4SE/4	1.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	0.006507%
<u>TRACT 38-B</u>						
Fee	T-29-N, R-5-W Sec. 22: 2 acres out of NE/4SW/4	2.00	Royalty Working Interest Northwest Pipeline Corp. ORRI Total	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	12.500000% 87.500000% 0.000000% <u>100.000000%</u> =====	0.013014%

UNIT AREA EXPANSION SCHEDULE

Page 13 of 14
0609-103SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

<u>SERIAL NUMBER</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>DRILLING BLOCK OWNERSHIP</u>	<u>PERCENTAGE</u>	<u>PERCENTAGE COMMITTED</u>	<u>PRESENT ACTUAL PARTICIPATION</u>
			<u>TRACT 38-C</u>			
Fee	T-29-N, R-5-W	119.00	Royalty	12.500000%	12.500000%	0.774292%
	Sec. 22: SW/4NE/4,		Working Interest			
	N/2SE/4 less 1		Northwest Pipeline Corp.	87.500000%	87.500000%	
	acre out of		ORRI	0.000000%	0.000000%	
	NW/4SE/4		Total	100.000000%	100.000000%	
				=====	=====	

Effective October 1, 1985

SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

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

Description of lands in Mesaverde Participating Area:

Township 29 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 21, 22,
26, 27, 28, 29, 30, 31, 32, 33, 34: All

Sections 2, 4, 23, 25, 35: W/2

Section 15: W/2, SE/4

Total Number of Acres in Participating Area:	15,528.89
Total Number of Acres Committed to Participating Area:	15,368.89
Total Number of Acres Not Committed to Participating Area:	160.00

NORTHWEST PIPELINE CORPORATION
GAS RESERVES DEPARTMENT ECONOMIC STUDY
SAN JUAN 29-5 MV UNIT #106 COMMERCIALITY

THU OCTOBER 8, 1987
10:11:35 AM

WORKING INT. B/PAYOUT.....%	100.0	ANNUAL COST INFLATION.....%	0.0
WORKING INT. A/PAYOUT.....%	100.0	ANNUAL PRICE INFLATION.....%	0.0
INCOME TAX.....%	36.0	NEG INC TAX OFFSET BY OTHER INCOME	
UNIT OF PRODUCTION DEPRECIATION			

GAS PRODUCTION FROM SAN JUAN 29-5 #106

LAND OWNER ROYALTY.....%	12.5	OVERRIDING ROYALTY.....	0.0
AD VALOREM AND SEV TAXES...%	10.4	OPERATING COSTS (\$/MO).....	350.0
MONTH OF CAPITAL EXPENSE....	9	OPERATING COSTS (% OF PROD).	0.0
DRILLING COSTS (\$1000).....	247.1	TANGIBLE \$ (% OF DRILLING \$)	39.8
SALVAGE VALUE (\$1000).....	0.0		

INITIAL MONTH	MCF/D	% DECLINE	TO MCF/D	ENDING MONTH
17	210.0	59.5	115.0	25
25	115.0	13.7	90.0	45
45	90.0	12.8	70.0	67
67	70.0	7.6	20.0	256
256	20.0	100.0	0.0	257

YEAR	BEG. YR \$/ MCF	AVG MCF/D	ANNUAL MCF	ROYALTY MCF	REVENUE AFTER ROYALTY \$1000
1982	3.10	0	0.	0.	0.
1983	3.10	109	39879.	4985.	108.
1984	3.10	108	39301.	4913.	107.
1985	2.23	93	33939.	4242.	66.
1986	2.23	81	29515.	3689.	58.
1987	2.46	71	25882.	3235.	56.
1988	2.46	65	23697.	2962.	51.
1989	2.46	60	21885.	2736.	47.
1990	2.46	55	20212.	2526.	44.
1991	2.46	51	18667.	2333.	40.
1992	2.46	47	17239.	2155.	37.
1993	2.46	44	15921.	1990.	34.
1994	2.46	40	14704.	1838.	32.
1995	2.46	37	13580.	1697.	29.
1996	2.46	34	12541.	1568.	27.
1997	2.46	32	11582.	1448.	25.
1998	2.46	29	10697.	1337.	23.
1999	2.46	27	9879.	1235.	21.
2000	2.46	25	9124.	1140.	20.
2001	2.46	23	8426.	1053.	18.
2002	2.46	21	7782.	973.	17.
TOTAL.....			384445.	48056.	859.

NORTHWEST PIPELINE CORPORATION
GAS RESERVES DEPARTMENT ECONOMIC STUDY
SAN JUAN 29-5 MV UNIT #106 COMMERCIALITY

THU OCTOBER 8, 1987
10:11:35 AM

WORKING INT. B/PAYOUT.....%	100.0	ANNUAL COST INFLATION.....%	0.0
WORKING INT. A/PAYOUT.....%	100.0	ANNUAL PRICE INFLATION.....%	0.0
INCOME TAX.....%	36.0	NEG INC TAX OFFSET BY OTHER INCOME	

UNIT OF PRODUCTION DEPRECIATION

DISCOUNT	****PRESENT VALUE****	DISCOUNTED PROFIT TO**
RATE	***** \$1000 *****	***INVESTMENT RATIO***
*** % **	BEFORE TAX AFTER TAX	BEFORE TAX AFTER TAX
24.9	0.	0.00
20.0	0.	
15.0	75. 30.	0.30

RATE OF RETURN B.T.
0.0 RATE OF RETURN A.T.
0.12

YEAR	INCOME	**PROJECT EXPENSES IN \$1000*				****CASH FLOW ANALYSIS IN \$1000****				
	\$1000	***	*****	AD.V.	*****	*****	**CUM	*****	*****	*****
NET*	***	CAPI-	*****	SEV.	PROD.	BEFORE	BEFORE	TAXED	INCOME	AFTER
*****	*****	*TAL*	DEPR.	TAXES	COSTS	*TAXES	TAXES	INCOME	TAXES	TAXES
1982	0	247	0	0	0	-247	-247	-149	-54	-194
1983	108	0	10	11	3	94	-153	84	30	64
1984	107	0	10	11	4	91	-62	81	29	62
1985	66	0	9	7	4	55	-7	46	17	38
1986	58	0	8	6	4	47	41	40	14	33
1987	56	0	7	6	4	46	86	39	14	32
1988	51	0	6	5	4	41	128	35	13	29
1989	47	0	6	5	4	38	166	32	12	26
1990	44	0	5	5	4	35	201	30	11	24
1991	40	0	5	4	4	32	233	27	10	22
1992	37	0	4	4	4	29	262	25	9	20
1993	34	0	4	4	4	26	288	22	8	18
1994	32	0	4	3	4	24	312	20	7	17
1995	29	0	3	3	4	22	334	18	7	15
1996	27	0	3	3	4	20	354	17	6	14
1997	25	0	3	3	4	18	372	15	5	13
1998	23	0	3	2	4	16	389	14	5	11
1999	21	0	3	2	4	15	403	12	4	10
2000	20	0	2	2	4	13	417	11	4	9
2001	18	0	2	2	4	12	429	10	4	8
2002	17	0	2	2	4	11	440	9	3	8
TOTAL	859	247	98	90	83	440	0	440	158	281

PAYOUT DURING MONTH 2 OF YEAR 5

NORTHWEST PIPELINE CORPORATION
GAS RESERVES DEPARTMENT ECONOMIC STUDY
SJ 29-5 UNIT #107 MV

FRI MARCH 4, 1988
11:25:05 AM

WORKING INT. B/PAYOUT.....%	100.0	ANNUAL COST INFLATION.....%	0.0
WORKING INT. A/PAYOUT.....%	100.0	ANNUAL PRICE INFLATION.....%	0.0
INCOME TAX.....%	36.0	NEG INC TAX OFFSET BY OTHER INCOME	
UNIT OF PRODUCTION DEPRECIATION			

GAS PRODUCTION FROM SJU 29-5 #107 MV

LAND OWNER ROYALTY.....%	12.5	OVERRIDING ROYALTY.....	0.0
AD VALOREM AND SEV TAXES...%	10.4	OPERATING COSTS (\$/MO).....	360.0
MONTH OF CAPITAL EXPENSE....	10	OPERATING COSTS (% OF PROD).	0.0
DRILLING COSTS (\$1000).....	205.6	TANGIBLE \$ (% OF DRILLING \$)	34.5
SALVAGE VALUE (\$1000).....	0.0		

INITIAL MONTH	MCF/D	% DECLINE	TO MCF/D	ENDING MONTH
18	480.0	71.9	150.0	29
29	150.0	14.5	80.0	77
77	80.0	7.5	25.0	257
257	25.0	100.0	0.0	258

YEAR	BEG. YR \$/ MCF	AVG MCF/D	ANNUAL MCF	ROYALTY MCF	REVENUE AFTER ROYALTY \$1000
1986	2.30	0	0.	0.	0.
1987	2.30	208	76146.	9518.	153.
1988	2.30	161	58859.	7357.	118.
1989	2.30	126	45956.	5745.	92.
1990	2.30	108	39273.	4909.	79.
1991	2.30	92	33562.	4195.	67.
1992	2.30	80	29112.	3639.	59.
1993	2.30	73	26786.	3348.	54.
1994	2.30	68	24787.	3098.	50.
1995	2.30	63	22938.	2867.	46.
1996	2.30	58	21226.	2653.	43.
1997	2.30	54	19642.	2455.	39.
1998	2.30	50	18177.	2272.	37.
1999	2.30	46	16821.	2103.	34.
2000	2.30	43	15566.	1946.	31.
2001	2.30	39	14404.	1801.	29.
2002	2.30	36	13329.	1666.	27.
2003	2.30	34	12335.	1542.	25.
2004	2.30	31	11415.	1427.	23.
2005	2.30	29	10563.	1320.	21.
TOTAL.....			510888.	63861.	1027.

NORTHWEST PIPELINE CORPORATION
GAS RESERVES DEPARTMENT ECONOMIC STUDY
SJ 29-5 UNIT #107 MV

FRI MARCH 4, 1988
11:25:05 AM

WORKING INT. B/PAYOUT.....%	100.0	ANNUAL COST INFLATION.....%	0.0
WORKING INT. A/PAYOUT.....%	100.0	ANNUAL PRICE INFLATION.....%	0.0
INCOME TAX.....%	36.0	NEG INC TAX OFFSET BY OTHER INCOME	

UNIT OF PRODUCTION DEPRECIATION

DISCOUNT	****PRESENT VALUE****		DISCOUNTED PROFIT TO**	
RATE	***** \$1000 *****		***INVESTMENT RATIO***	
*** % **	BEFORE TAX	AFTER TAX	BEFORE TAX	AFTER TAX
51.1	0.		0.00	
41.8		0.		
15.0	197.	114.	0.96	0.56

RATE OF RETURN B.T.
0.0 RATE OF RETURN A.T.

YEAR	INCOME	**PROJECT EXPENSES IN \$1000*				****CASH FLOW ANALYSIS IN \$1000****				
	*\$1000	*****	*****	AD.V.	*****	*****	**CUM	*****	*****	*****
NET*	***	CAPI-	*****	SEV.	PROD.	BEFORE	BEFORE	TAXED	INCOME	AFTER
		TAL	DEPR.	TAXES	COSTS	*TAXES	TAXES	INCOME	TAXES	TAXES
1986	0	206	0	0	0	-206	-206	-135	-48	-157
1987	153	0	11	16	3	135	-71	124	45	90
1988	118	0	8	12	4	102	31	93	34	68
1989	92	0	6	10	4	78	109	72	26	52
1990	79	0	5	8	4	66	175	61	22	44
1991	67	0	5	7	4	56	232	51	19	38
1992	59	0	4	6	4	48	280	44	16	32
1993	54	0	4	6	4	44	324	40	14	29
1994	50	0	3	5	4	40	364	37	13	27
1995	46	0	3	5	4	37	401	34	12	25
1996	43	0	3	4	4	34	435	31	11	23
1997	39	0	3	4	4	31	466	28	10	21
1998	37	0	3	4	4	28	494	26	9	19
1999	34	0	2	4	4	26	520	24	9	17
2000	31	0	2	3	4	24	544	22	8	16
2001	29	0	2	3	4	22	565	20	7	15
2002	27	0	2	3	4	20	585	18	6	13
2003	25	0	2	3	4	18	603	16	6	12
2004	23	0	2	2	4	16	619	15	5	11
2005	21	0	1	2	4	15	634	13	5	10
TOTAL	1027	206	71	107	81	634	0	634	228	406

PAYOUT DURING MONTH 8 OF YEAR 3

NORTHWEST PIPELINE RESERVOIR ENGINEERING SUMMARY @ 14.73 PSIA
 SJU 29-5 NV

JANUARY 1988 U53N0580 PAGE 001
 THU MARCH 3, 1988 12:05:21 PM

API:30-039-23659-0000 SJ 29-5 UNIT #107 NP?
 NEW MEXICO BLANCO MESAVERDE
 NORTHWEST PIPELINE CORP OPERATOR
 NWP SAN JUAN GATHERING SYSTEM
 I.D. DATE (MMDDVV):06/18/87

METER/UT:85953/000000
 N.M.P.M.:T 29N R 5W 2D
 FOOTAGE.: OF L OF L
 S DATE-RL/WS: 2/04/88-1/4

INITIAL MMCF:
 CUMULATIVE...: 1035/0.000
 REMAINING...: 50.145 MCO2/MN2: 1.37/ 0.16
 R.L.RATIO...: -50.145 LSHD INTRST: 1.000000
 0.0 CNTR INTRST: 0.000000

MONTH	1971	1972	1973	1974	1975	1976
	MCF	PSIG	DAYS	MCF	PSIG	DAYS
JAN	0	0	0.0	0	0	0.0
FEB	0	0	0.0	0	0	0.0
MAR	0	0	0.0	0	0	0.0
APR	0	0	0.0	0	0	0.0
MAY	0	0	0.0	0	0	0.0
JUN	0	0	0.0	0	0	0.0
JUL	0	0	0.0	0	0	0.0
AUG	0	0	0.0	0	0	0.0
SEP	0	0	0.0	0	0	0.0
OCT	0	0	0.0	0	0	0.0
NOV	0	0	0.0	0	0	0.0
DEC	0	0	0.0	0	0	0.0
TOTALS	0	0	0	0	0	0

MONTH	1977	1978	1979	1980	1981	1982
	MCF	PSIG	DAYS	MCF	PSIG	DAYS
JAN	0	0	0.0	0	0	0.0
FEB	0	0	0.0	0	0	0.0
MAR	0	0	0.0	0	0	0.0
APR	0	0	0.0	0	0	0.0
MAY	0	0	0.0	0	0	0.0
JUN	0	0	0.0	0	0	0.0
JUL	0	0	0.0	0	0	0.0
AUG	0	0	0.0	0	0	0.0
SEP	0	0	0.0	0	0	0.0
OCT	0	0	0.0	0	0	0.0
NOV	0	0	0.0	0	0	0.0
DEC	0	0	0.0	0	0	0.0
TOTALS	0	0	0	0	0	0

MONTH	1983	1984	1985	1986	1987	1988
	MCF	PSIG	DAYS	MCF	PSIG	DAYS
JAN	0	0	0.0	0	0	0.0
FEB	0	0	0.0	0	0	0.0
MAR	0	0	0.0	0	0	0.0
APR	0	0	0.0	0	0	0.0
MAY	0	0	0.0	0	0	0.0
JUN	0	0	0.0	0	0	0.0
JUL	0	0	0.0	0	0	0.0
AUG	0	0	0.0	0	0	0.0
SEP	0	0	0.0	0	0	0.0
OCT	0	0	0.0	0	0	0.0
NOV	0	0	0.0	0	0	0.0
DEC	0	0	0.0	0	0	0.0
TOTALS	0	0	0	0	0	0

3679 303 5.5
 12106 300 18.3
 4725 362 4.7
 3763 317 4.0
 9040 329 17.4
 8920 318 30.7
 43233 321 81
 6912 305 31