



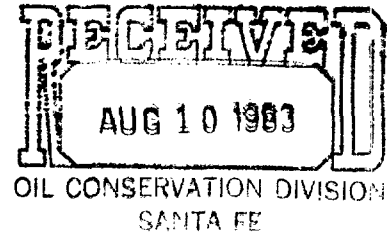
IN REPLY
REFER TO

United States Department of the Interior

3100.6 01037

BUREAU OF LAND MANAGEMENT
505 Marquette Avenue N.W., Suite 815
Albuquerque, New Mexico 87102

08 AUG 1983




Northwest Pipeline Corporation
Attention: Ms. Kathy Michael
1125 Seventeenth Street, Suite 2140
Denver, CO 80202

Gentlemen:

Enclosed is a copy of the twenty-third revision to the Mesaverde participating area, San Juan 29-5 unit, Rio Arriba County, New Mexico. The twenty-third revision is hereby accepted for record on this date and is effective as of July 1, 1981.

Sincerely yours,

 James W. Shelton
Assistant District Manager
for Minerals

Enclosure

cc:
Comm. of Public Lands
NMOCD
Farmington RA (w/encl.)
AOD-PAB-LAC (w/schedule)

NORTHWEST PIPELINE CORPORATION

LAND DEPARTMENT

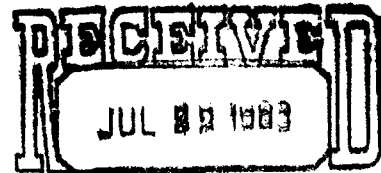
July 8, 1983

1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202
303-292-4906

Assistant Area Oil and Gas Supervisor
Minerals Management Service
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

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

State of New Mexico
Oil Conservation Commission
Attn: Mr. Joe Ramey
P. O. Box 2088
Santa Fe, New Mexico 87501



OIL CONSERVATION DIVISION
SANTA FE

Case # 418

Re: San Juan 29-5 Unit #14-08-001-437
Rio Arriba County, New Mexico
TWENTY-THIRD EXPANDED
PARTICIPATING AREA
Mesaverde Formation
Effective July 1, 1981

Gentlemen:

Pursuant to Section 11(a) of the 29-5 Unit Agreement, Northwest Pipeline Corporation, Unit Operator, has determined 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.

EXPANDED PARTICIPATING AREA - Effective July 1, 1981

<u>Description of Lands</u>	<u>Acres</u>	<u>Well Name & No.</u>
<u>Township 29 North, Range 5 West, N.M.P.M.</u> Section 15: SE/4	160.00	San Juan 29-5 Well #73
<u>Township 29 North, Range 5 West, N.M.P.M.</u> Section 25: E/2	229.16	San Juan 29-5 Well #100
<u>Township 29 North, Range 5 West, N.M.P.M.</u> Section 26: E/2	320.00	San Juan 29-5 Well #101
<u>Township 29 North, Range 5 West, N.M.P.M.</u> Section 25: W/2	320.00	Intervening Drilling Block

Minerals Management Service
Commissioner of Public Lands
Oil Conservation Commission

July 8, 1983
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The well data is as follows:

The San Juan 29-5 Unit #73 Well is located 1680 feet from the North Line and 795 feet from the West Line, Section 15, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on April 3, 1981 and completed on June 29, 1981. The Mesaverde Formation was perforated with 21 holes between the following depths:

5594' and 6016'

These perforations were treated with 11,750 gallons of fluid followed by sand/water fracturing. This well has two tubing strings. The well was shut-in with a SIPT of 1110 psig and SIPC of 1107 psig. On June 29, 1981, the well was tested and after flowing for three (3) hours through a 3/4 inch variable choke on the 2 3/8 inch tubing, the well gauged 2006 MCFD with a calculated AOF of 2196.

The San Juan 29-5 Unit #100 Well is located 1885 feet from the North Line and 1165 feet from the East Line, Section 25, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on May 12, 1981. The Mesaverde Formation was completed on June 30, 1981 with a dual completion in the Pictured Cliffs Formation. The Mesaverde Formation was perforated with 24 holes at the following depths:

5610' to 6070'

These perforations were treated with 5,500 gallons pad water followed by 50,000 pounds of 10/20 sand in fracturing fluid. The well was initially tested on June 6, 1981 with a positive choke in a three (3) hour test. The SIPT was 1143 psig with a flowing pressure of 157 psig producing at a rate of 2023 MCFD. The calculated AOF was 2170 MCFD.

The San Juan 29-5 Unit #101 Well is located 1050 feet from the North Line and 1970 feet from the East Line, Section 26, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on March 31, 1981 and completed on June 23, 1981. The Mesaverde Formation was perforated with 20 holes between the following depths:

5738' and 6144'

These perforations were treated with 1902 bbls of fluid followed by sand/water fracturing. This well has two tubing strings. The well was shut-in with a SIPT of 1124 psig and SIPC of 1107 psig. On June 30, 1981 the well was tested and after flowing for three (3) hours through a 3/4 inch variable choke on the 2 3/8 inch tubing, the well gauged 2464 MCFD with a calculated AOF of 2756.

Minerals Management Service
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Attached is Schedule XXIV and ownership map showing the Twenty-Third Expanded Participating Area for the Mesaverde Formation of the San Juan 29-5 Unit Area. The Schedule describes the Expanded Participating Area and shows the percentage of unitized substances allocated to each tract. Inasmuch as this needs no official approval, in the absence of disapproval, the subject expansion is effective as of July 1, 1981.

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

Very truly yours,

A handwritten signature in cursive script that reads "Kathy Michael".

Kathy Michael
Supervisor/Land Department

Attachments
CC: Working Interest Owners

SAN JUAN 29-5 UNIT.
WORKING INTEREST OWNERS

Sun Gas Division
Sun Exploration & Production Co.
P. O. Box 20
Dallas, Texas 75221

Ms. Mabelle M. Miller
Corinne Miller Gay Trust
Maydell Miller Mast Trust
James M. Raymond
1224 Lois Street
P. O. Box 1445
Kerrville, Texas 78028

Koch Industries
P. O. Box 2256
Wichita, Kansas 67201

Phillips Oil Company
Attn: Debbie Shell
Meadows Building
Dallas, Texas

Amoco Production Company
Attn: J. C. Burnside
1670 Broadway - Suite 1914
Amoco Building
Denver, Colorado 80202

Wiser Oil Company
905 Oil & Gas Building
Wichita Falls, Texas 76301

El Paso Exploration Co.
Attn: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79978

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

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

Mr. Tom Bolack and the Estate
of Alice N. Bolack
Bolack Mineral Co.
Star Route 3, Box 47
Farmington, New Mexico 87401

American Petrofina Company of Texas
P. O. Box 2159
Dallas, Texas 75221

Ruth M. Vaughan
300 Caversham Road
Bryn Mawr, Penn. 19010

Nancy Ridgely
344 North Stanbery Avenue
Columbus, Ohio 43209

Brenda Petke
18 Shadow Lane
Chadds Ford, Penn. 19317

Phillips Petroleum Company
Attn: Tom Dowdy
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
TRACT 1							
SF 078277	T-29-N, R-5-W Sec. 7: E/2, Lots 1,2,3, N/2, NW/4 Sec. 18: SW/4, W/2NW/4, SE/4NW/4	788.50	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI; Total		12.500000%	12.500000%	5.162408%
TRACT 2							
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%	12.500000%	8.380320%
TRACT 3							
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%	12.500000%	4.452045%

Effective July 1, 1981

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 3-A</u>							
SF 078282	T-29-N, R-5-W Sec. 29: N/2, SW/4 Sec. 31: NE/4NE/4 N/2NW/4	600.00	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	3.928275%
			ORRI;		83.000000%	83.000000%	
					4.500000%	4.500000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 4</u>							
SF 078305	T-29-N, R-5-W Sec. 6: SW/4 Sec. 8: SE/4	320.00	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	2.095080%
			ORRI;		82.500000%	82.500000%	
					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 Sec. 33: W/2NE/4	80.00	Royalty; Working Interest: El Paso Natural Gas Co.;		12.500000%	12.500000%	0.523770%
			Tom Bolack;		41.250000%	41.250000%	
			ORRI;		41.250000%	41.250000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 4-B</u>							
NM 011348	T-29-N, R-5-W Sec. 31: N/2SE/4 NE/4SW/4	120.00	Royalty; Working Interest: Tom Bolack		12.500000%	12.500000%	0.785655%
			Total		<u>87.500000%</u>	<u>87.500000%</u>	
					<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 4-C</u>							
NM 011348-A	T-29-N, R-5-W Sec. 33: E/2NW/4	80.00	Royalty; Working Interest: American Petrofina Co. of Tx.		12.500000%	12.500000%	0.523770%
			Total		<u>100.000000%</u>	<u>100.000000%</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;		12.500000%	12.500000%	2.109746%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<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;		12.500000%	12.500000%	4.195921%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<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;		12.500000%	12.500000%	0.785655%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERT DE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 6-B</u>							
SF 078410	<u>T-29-N, R-5-W</u>	160.00	Royalty; Working Interest; Northwest Pipeline Corp.;		12.500000%	12.500000%	1.047540%
	<u>Sec. 8: NW/4</u>		ORRI;		82.500000%	82.500000%	
					5.000000%	5.000000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 7</u>							
SF 078412	<u>T-29-N, R-5-W</u>	200.00	Royalty; Working Interest; El Paso Natural Gas Co.;		12.500000%	12.500000%	1.309425%
	<u>Sec. 34: SE/4SW/4,</u>		ORRI;		82.500000%	82.500000%	
	S/2SE/4				5.000000%	5.000000%	
	NE/4SE/4,		Total		<u>100.000000%</u>	<u>100.000000%</u>	
	SE/4NE/4						
<u>TRACT 8</u>							
SF 078642	<u>T-29-N, R-5-W</u>	400.00	Royalty; Working Interest; Northwest Pipeline Corp.;		12.500000%	12.500000%	2.618850%
	<u>Sec. 5: N/2SW/4,</u>		ORRI;		82.500000%	82.500000%	
	SE/4		Total		<u>100.000000%</u>	<u>100.000000%</u>	
	<u>Sec. 9: SE/4</u>						
<u>TRACT 12</u>							
SF 078917	<u>T-29-N, R-5-W</u>	1509.16	Royalty; Working Interest; Northwest Pipeline Corp.;		12.500000%	12.500000%	9.880659%
	<u>Sec. 25: Lots 1,2,</u>		ORRI;		82.500000%	82.500000%	
	3,4, W/2E/2, W/2		Total		<u>100.000000%</u>	<u>100.000000%</u>	
	<u>Sec. 26: A11</u>						
	<u>Sec. 35: W/2</u>						

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERT DE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<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;		12.500000%	12.500000%	2.095080%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 15</u>							
SF 079851	T-29-N, R-5-W Sec. 39: N/2, N/2 S/2, S/2SW/4	560.00	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	3.666390%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<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;		12.500000%	12.500000%	0.523770%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<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;		12.500000%	12.500000%	1.047540%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<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.		12.500000%	12.500000%	1.571310%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<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;		12.500000%	12.500000%	1.047540%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 17</u>							
SF 080069	T-29-N, R-5-W	560.00	Royalty; Working Interest; Northwest Pipeline Corp.;		12.500000%	12.500000%	3.666390%
	Sec. 5: S/2SW/4				82.500000%	82.500000%	
	Sec. 9: SW/4				5.000000%	5.000000%	
	Sec. 15: S/2		ORRI;		100.000000%	100.000000%	
			Total				
					<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 17-A</u>							
NM 011350	T-29-N, R-5-W	240.00	Royalty; Working Interest; El Paso Natural Gas Co., Tom Bolack;		12.500000%	12.500000%	1.571310%
	Sec. 33: E/2E/2, W/2SE/4				41.250000%	41.250000%	
					41.250000%	41.250000%	
					5.000000%	5.000000%	
			ORRI;		100.000000%	100.000000%	
			Total				
					<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 17-B</u>							
NM 011350-A	T-29-N, R-5-W	360.00	Royalty; Working Interest; American Petrofina Co. of Tx.		12.500000%	12.500000%	2.356965%
	Sec. 33: S/2SW/4				87.500000%	87.500000%	
	Sec. 34: W/2W/2, NE/4NW/4 N/2NE/4				100.000000%	100.000000%	
			Total				
					<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 17-C</u>							
SF 080069	T-29-N, R-5-W	120.00	Royalty; Working Interest; Northwest Pipeline Corp., ORRI;		12.500000%	12.500000%	0.785655%
	Sec. 22: N/2NE/4, SE/4NE/4				82.500000%	82.500000%	
					5.000000%	5.000000%	
			Total				
					<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<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;		12.500000%	12.500000%	2.095080%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<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;		12.500000%	12.500000%	2.105555%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<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;		12.500000%	12.500000%	3.142620%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 21-A</u>							
NM 03188	T-29-N, R-5-W Sec. 29: SE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	1.047540%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<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; Working Interest: Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	1.309425%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<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; Working Interest: Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	2.880735%
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<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; Working Interest: Wiser Oil Co.; Total		12.500000%	12.500000%	2.095080%
					<u>87.500000%</u> <u>100.000000%</u>	<u>87.500000%</u> <u>100.000000%</u>	
<u>TRACT 22-A</u>							
E 289-35	T-29-N, R-5-W Sec. 32: E/2SE/4	80.00	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI; Total		12.500000%	12.500000%	0.523770%
					<u>82.500000%</u> <u>5.000000%</u> <u>100.000000%</u>	<u>82.500000%</u> <u>5.000000%</u> <u>100.000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
TRACT 22-C							
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;		12.500000%	12.500000%	1.833195%
			Total		<u>100.00000000%</u>	<u>100.00000000%</u>	
TRACT 22-D							
E 289-31	T-29-N, R-5-W Sec. 32: NE/4NW/4	40.00	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	0.261885%
			Total		<u>100.00000000%</u>	<u>100.00000000%</u>	
TRACT 22-G							
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;		12.500000%	12.500000%	1.833195%
			Total		<u>100.00000000%</u>	<u>100.00000000%</u>	
TRACT 22-H							
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;		12.500000%	12.500000%	0.785655%
			Total		<u>100.00000000%</u>	<u>100.00000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 24</u>							
Fee	T-29-N, R-5-W Sec. 18: NE/4NW/4	40.00	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	0.261885%
			ORRI;		83.500000%	83.500000%	
					4.000000%	4.000000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 24-A</u>							
Fee	T-29-N, R-5-W Tract 37 Less North 10.46 acres Sec. 7: Lot 4	121.04	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	0.792464%
			ORRI;		83.500000%	83.500000%	
					4.000000%	4.000000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 24-B</u>							
Fee	T-29-N, R-5-W North 10.46 acres Tract 37	10.46	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	0.068483%
			ORRI;		83.500000%	83.500000%	
					4.000000%	4.000000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 26</u>							
Fee	T-29-N, R-5-W Sec. 15: NW/4	160.00	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	1.047540%
			ORRI;		83.500000%	83.500000%	
					4.000000%	4.000000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERT DE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 27</u>							
Fee	T-29-N, R-5-W	159.00	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	1.040993%
	Sec. 21: E/2NE/4				83.500000%	83.500000%	
	Sec. 22: W/2NW/4				4.000000%	4.000000%	
	Less 1 acre		ORRI;		100.000000%	100.000000%	
			Total		<u>100.000000%</u>		
<u>TRACT 27-A</u>							
Fee	T-29-N, R-5-W	1.00	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	0.006547%
	Sec. 22: 1 acre out of SW corner of W/2NW/4				87.500000%	87.500000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 28</u>							
Fee	T-29-N, R-5-W	120.00	Working Interest: Larry Mizel; Steven Mayer Mizel; Gary Dean Mizel; Vicki Mizel; Ann Fisher; Saul Yager;		11.250000%	00.000000%	00.000000%
	Sec. 21: SE/4SE/4				11.250000%	00.000000%	
	Sec. 28: E/2NE/4				11.250000%	00.000000%	
					10.000000%	00.000000%	
					45.000000%	00.000000%	
			Total		<u>100.000000%</u>	<u>00.000000%</u>	
	Sec. 21: NE/4SE/4	40.00	Working Interest: Sam Lack;		100.000000%	00.000000%	00.000000%

Effective July 1, 1981

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 29</u>							
Fee	T-29-N, R-5-W	320.00	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	2.095080%
	Sec. 28: SE/4, N/2SW/4, SE/4NW/4, SW/4NE/4		ORRI;		85.000000% 2.500000%	85.000000% 2.500000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 30</u>							
Fee	T-29-N, R-5-W	220.00	Royalty; Working Interest: Northwest Pipeline Corp.		12.500000%	12.500000%	1.440367%
	Sec. 30: SW/4SE/4 Sec. 31: W/2NE/4, SE/4NE/4, SE/4NW/4, N/2SW/4NW/4		ORRI;		83.500000% 4.000000%	83.500000% 4.000000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 31</u>							
Fee	T-29-N, R-5-W	128.00	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	0.838032%
	Sec. 34: SW/4NE/4, NW/4SE/4, SE/4NW/4, NE/4SW/4 less 32 acres in SW corner		ORRI;		84.500000% 3.000000%	84.500000% 3.000000%	
			Total		<u>100.000000%</u>	<u>100.000000%</u>	

Effective July 1, 1981

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<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;		12.500000%	12.500000%	0.209508%
	Total				<u>100.000000%</u>	<u>100.000000%</u>	
<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.;		12.500000%	12.500000%	0.654712%
	Total				<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 34</u>							
Fee	T-29-N, R-5-W Sec. 32: E/2SW/4, W/4SE/4	160.00	Royalty; Working Interest: Northwest Pipeline Corp.;		12.500000%	12.500000%	1.047540%
	Total				<u>100.000000%</u>	<u>100.000000%</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: Northwest Pipeline Corp.;		12.500000%	12.500000%	1.047540%
	ORRI;				82.500000%	82.500000%	
	Total				<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 37</u>							
Fee	T-29-N, R-5-W	80.00	Royalty; Working Interest; Northwest Pipeline Corp.;		12.500000%	12.500000%	0.523770%
	Sec. 21: SW/4SE/4				87.500000%	87.500000%	
	Sec. 28: NW/4NE/4				100.000000%	100.000000%	
	Total						
<u>TRACT 38</u>							
Fee	T-29-N, R-5-W	318.00	Royalty; Working Interest; Northwest Pipeline Corp.;		12.500000%	12.500000%	2.081986%
	Sec. 22: E/2NW/4, SW/4 less 2 acres out of NE/4SW/4				87.500000%	87.500000%	
	Sec. 27: N/2NW/4				100.000000%	100.000000%	
	Total						
<u>TRACT 38-A</u>							
Fee	T-29-N, R-5-W	1.00	Royalty; Working Interest; Northwest Pipeline Corp.;		12.500000%	12.500000%	0.006547%
	Sec. 22: 1 acre in NW/4SE/4				87.500000%	87.500000%	
	Total				100.000000%	100.000000%	
<u>TRACT 38-B</u>							
Fee	T-29-N, R-5-W	2.00	Royalty; Working Interest; Northwest Pipeline Corp.;		12.500000%	12.500000%	0.013094%
	Sec. 22: 2 acres out of NE/4SW/4				87.500000%	87.500000%	
	Total				100.000000%	100.000000%	

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
					PERCENTAGE		
TRACT 38-C							
Fee	T-29-N, R-5-W Sec. 22: SW/4NE/4, N/2SE/4 less 1 acre out of NW/4SE/4	119.00	Royalty; Working Interest: Northwest Pipeline Corp.; Total		12.500000% 87.500000% 100.000000%	12.500000% 87.500000% 100.000000%	0.779108%

Effective July 1, 1981

SCHEDULE XXIV
TWENTY-THIRD EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 29-5 UNIT AREA

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

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, 25, 26,
27, 28, 29, 30, 31, 32, 33, 34: All
Sections 4, 23, 26, 35: W/2
Section 15: W/2, SE/4

Total number of acres in Participating Area: 15,433.88
Total number of acres committed to Participating Area: 15,273.88
Total number of acres not committed to Participating Area: 160.00