

JUL 30 1981
OIL CONSERVATION DIVISION
SANTA FE

NORTHWEST PIPELINE CORPORATION
1125 Seventeenth Street, Suite 2100
(303) 620-3500

Mailing Address
P.O. Box 5800, Terminal Annex
Denver, Colorado 80217

July 27, 1981

4-46

Mr. Jack Willock
Assistant Area Oil
and Gas Supervisor
United States Geological Survey
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

State of New Mexico
Commissioner of Public Lands
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Oil Conservation Commission
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Re: San Juan 32-8 Unit
No. 14-08-001-446
San Juan County, New Mexico
1981 Drilling Program

The 1981 Drilling Program filed on May 21, 1981 for the San Juan 32-8 Unit has been approved by the regulatory agencies as follows:

Oil Conservation Commission	7-01-81
Commissioner of Public Lands	6-9-81
U. S. Geological Survey	7-21-81

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

Very truly yours,

Kathy Michael
Kathy Michael
Associate Landman

KM:vh
Attachment

San Juan 32-8 Unit
Working Interest Owners

General American Oil Company of Texas
Attention: Mr. L. E. Dooley
Meadows Building
Dallas, Texas 75206

Phillips Petroleum Company
Attention: Mr. Paul Wieman
7800 East Dorado Place
Englewood, Colorado 80111

Getty Oil Company
Attention: Mr. T. L. Ditmore
Three Park Central, Suite 700
Denver, Colorado 80202

Sun Gas Company
Attention: Edgar Floyd
Joint Operations
Post Office Box 20
Dallas, Texas 75221

Texaco, Inc.
Box 2100
Denver, Colorado 80201

El Paso Exploration Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Phillips Petroleum Company
Attention: Mr. Gordon Buckman
7800 East Dorado Place
Englewood, Colorado 80111

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



21 JUL 1981

746

Northwest Pipeline Corporation
Attention: Kathy Michael
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Gentlemen:

An approved copy of your 1981 plan of development for the San Juan 32-8 unit area, San Juan County, New Mexico is enclosed. Such plan, proposing the drilling of unit wells #7A, #8A, #11A, #40A, #45, #46, #47, #48, and any offset wells that may be required, 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

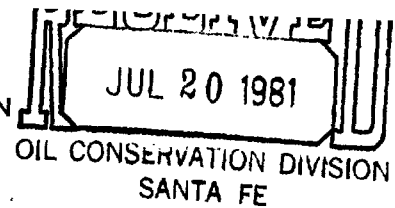
FOR Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosure

cc:
NMOC, Santa Fe
DS, Farmington (w/enclosure)

NORTHWEST PIPELINE CORPORATION

1125 Seventeenth Street, Suite 2100
(303) 620-3500



Mailing Address
P.O. Box 5800, Terminal Annex
Denver, Colorado 80217

July 16, 1981

446

Mr. Jack Willock
Assistant Area Oil
and Gas Supervisor
United States Geological Survey
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

State of New Mexico
Commissioner of Public Lands
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501


State of New Mexico
Oil Conservation Commission
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Re: San Juan 32-8 Unit
No. 14-08-001-446
17TH EXPANDED PARTICIPATING AREA
MESAVERDE FORMATION
Effective January 1, 1980

Enclosed are corrected pages 1 and 7 to Schedule XVIII of the above-described expansion. Copies of the letter and corrected pages are being sent to the working interest owners.

Very truly yours,


Kathy Michael
Associate Landman

KM:vh
Encl.

San Juan 32-8 Unit
Working Interest Owners

General American Oil Company of Texas
Attention: Mr. L. E. Dooley
Meadows Building
Dallas, Texas 75206

Phillips Petroleum Company
Attention: Mr. Paul Wieman
7800 East Dorado Place
Englewood, Colorado 80111

Getty Oil Company
Attention: Mr. T. L. Ditmore
Three Park Central, Suite 700
Denver, Colorado 80202

Sun Gas Company
Attention: Edgar Floyd
Joint Operations
Post Office Box 20
Dallas, Texas 75221

Texaco, Inc.
Box 2100
Denver, Colorado 80201

El Paso Exploration Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Phillips Petroleum Company
Attention: Mr. Gordon Buckman
7800 East Dorado Place
Englewood, Colorado 80111

SEVENTEETH EXPANDED PARTICIPATING AREA, MESAVERDE FORMATION

SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACTU PARTICIPATI
			OWNERSHIP	PERCENTAGE	
NM-013364	T-31-N, R-8-W	360.00		12.50%	<u>3.528692</u>
	Sec. 21: N/2N/2, N/2S/2, SE/4SE/4		Royalty; Working Interest; Northwest Pipeline Corp. ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	
			TOTAL	<u>100.00%</u>	
SF-079004	T-31-N, R-8-W	1,720.00		12.50%	<u>16.859307</u>
	Sec. 9: A11		Royalty; Working Interest; Northwest Pipeline Corp. ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	
	Sec. 10: A11				
	Sec. 15: N/2, N/2SE/4, SE/4SE/4		TOTAL	<u>100.00%</u>	
SF-079013	T-32-N, R-8-W	960.00		12.50%	<u>9.409846</u>
	Sec. 17: W/2		Royalty; Working Interest; Northwest Pipeline Corp. ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	
	Sec. 20: W/2				
	Sec. 29: W/2		TOTAL	<u>100.00%</u>	
SF-079029	T-31-N, R-8-W	1,522.08		12.50%	<u>14.919310</u>
	Sec. 3: Lots 1,2, 3, 4, S/2N/2, S/2		Royalty; Working Interest; Northwest Pipeline Corp. ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	
	Sec. 4: Lots 1,2, 3, 4, S/2N/2, SE/4, E/2SW/4, SW/4SW/4				
	Sec. 21: S/2N/2, S/2SW/4, SW/4SE/4		TOTAL	<u>100.00%</u>	

Effective: January 1, 1980

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVERDE FORMATION

SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
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R E C A P I T U L A T I O N

Description of Lands in Participating Area:

Township 32 North, Range 8 West, N.M.P.M.
 Sections 15, 17, 20, 22, 27, 29, 34: W/2
 Sections 19, 35: E/2
 Section 33: A11

Township 31 North, Range 8 West, N.M.P.M.
 Section 14: W/2
 Sections 3, 9, 10, 15, 16, 21, 22, 23, 24: A11
 Section 4: N/2, SE/4, NE/4SW/4, S/2SW/4

Total Number of Acres in Participating Area: 10,202.08

Total Number of Acres Committed to Participating Area: 10,202.08

EFFECTIVE: January 1, 1980



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

Northwest Pipeline Corporation
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Attention: Kathy Michael

Re: Case No. 446
San Juan 32-8 Unit
1981 Drilling Program

Gentlemen:

We hereby approve the 1981 Drilling Program for the San Juan 32-8 Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the Drilling Program are 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



446

Commissioner of Public Lands

ALEX J. ARMIJO
COMMISSIONER

June 9, 1981

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

Northwest Pipeline Corporation
1125 Seventeenth Street-Suite 2100
Denver, Colorado 80202

Re: San Juan 32-8 Unit
San Juan County, New Mexico
1981 DRILLING PROGRAM

ATTENTION: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your 1981 Drilling Program for the San Juan 32-8 Unit, San Juan County, New Mexico. Such plan calls for the drilling of the following wells:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
San Juan 32-8 Unit #7A	W/2-22-31-8	MV
San Juan 32-8 Unit #8A	E/2-22-31-8	MV
San Juan 32-8 Unit #11A	E/2-21-31-8	MV/DK
San Juan 32-8 Unit #40A	W/2-33-32-8	MV
San Juan 32-8 Unit #45	W/2-14-32-8	PC/MV
San Juan 32-8 Unit #46	E/2-14-32-8	PC/MV
San Juan 32-8 Unit #47	S/2-30-32-8	PC/MV
San Juan 32-8 Unit #48	S/2-17-32-8	DK

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

Enclosed is one approved copy for your files.

The filing fee in the amount of Three (\$3.00) Dollars has been received.

In the future the following will be required by this office on all units that contain State lands.

1. An up to date map showing all well numbers and locations and current well status.

Northwest Pipeline Corporation
June 9, 1981
Page 2

2. A complete production history by month for the years 1979, 1980 and 1981.

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

RECEIVED
JUN 02 1981

NORTHWEST PIPELINE CORPORATION

1125 Seventeenth Street, Suite 2100
Denver, Colorado 80202
(303) 620-3500

OIL CONSERVATION COMMISSION
SANTA FE

May 27, 1981

Mailing Address
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Mr. Jack Willock
Assistant Area Oil
and Gas Supervisor
United States Geological Survey
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

~~466~~
446

State of New Mexico
Commissioner of Public Lands
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Oil Conservation Commission
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Re: San Juan 32-8 Unit
No. 14-08-001-446
17TH EXPANDED PARTICIPATING AREA
MESAVERDE FORMATION
Effective January 1, 1980

Attached are pages 3 and 4 to the Schedule XVIII, Seventeenth Expanded Participating Area, Mesaverde Formation, San Juan 32-8 Unit, which have been corrected as follows:

- Tract 18 - Serial Number SF-080412 has been changed to SF-080412-A
- Tract 21 - Serial Number SF-03402 has been changed to NM-03402

Copies of these corrected pages will be sent to the Working Interest Owners as shown on the attached page.

Very truly yours,
Kathy Michael
Kathy Michael
Associate Landman

KM:vh
Attachment

San Juan 32-8 Unit
Working Interest Owners

General American Oil Company of Texas
Attention: Mr. L. E. Dooley
Meadows Building
Dallas, Texas 75206

Phillips Petroleum Company
Attention: Mr. Paul Wieman
7800 East Dorado Place
Englewood, Colorado 80111

Getty Oil Company
Attention: Mr. T. L. Ditmore
Three Park Central, Suite 700
Denver, Colorado 80202

Sun Gas Company
Attention: Edgar Floyd
Joint Operations
Post Office Box 20
Dallas, Texas 75221

Texaco, Inc.
Box 2100
Denver, Colorado 80201

El Paso Exploration Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Phillips Petroleum Company
Attention: Mr. Gordon Buckman
7800 East Dorado Place
Englewood, Colorado 80111

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVERDE FORMATION

SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT PARTICIPATION
<u>TRACT 15</u>							
SF 079380	T-32-N, R-8-W Sec. 22; W/2	320.00	Royalty; Working Interest; El Paso Natural Gas Co.;		12.50%	82.50%	3.136615
			ORRI;		5.00%	5.00%	
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 16</u>							
SF 079381	T-32-N, R-8-W Sec. 33; E/2 Sec. 34; W/2 Sec. 35; E/2	960.00	Royalty; Working Interest; El Paso Natural Gas Co.;		12.50%	82.50%	9.409846
			ORRI;		5.00%	5.00%	
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 17</u>							
SF 079717	T-32-N, R-8-W Sec. 27; W/2SW/4 SE/4SW/4	120.00	Royalty; Working Interest; Northwest Pipeline Corp.;		12.50%	82.50%	1.176231
			ORRI;		5.00%	5.00%	
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 18</u>							
SF 080412-A	T-32-N, R-8-W Sec. 27; NW/4, NE/4SW/4	200.00	Royalty; Working Interest; El Paso Natural Gas Co.;		12.50%	85.00%	1.960385
			ORRI;		2.50%	2.50%	
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	

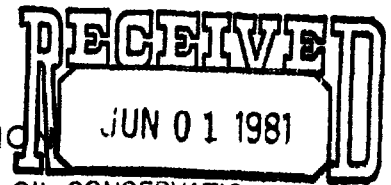
Effective January 1, 1980

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVERDE FORMATION

SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT AC PARTICIPA
<u>TRACT 19</u>							
SF 080854	T-31-N, R-8-W Sec. 24; W/2NW/4, SW/4	240.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	82.50%	2.352461
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 20</u>							
SF 081089	T-31-N, R-8-W Sec. 23; E/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	82.50%	3.136615
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 21</u>							
NM-03402	T-31-N, R-8-W Sec. 15; SW/4 Sec. 22; All	840.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	82.50%	8.233615
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 24</u>							
E-1204-2	T-31-N, R-8-W Sec. 16; NW/4, NE/4SW/4, SW/4SW/4, NW/4NE/4, SE/4NE/4, N/2SE/4	400.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	82.50%	3.920769
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	

Effective January 1, 1980



NORTHWEST PIPELINE CORPORATION
1125 Seventeenth Street, Suite 2100
Denver, Colorado 80202
(303) 620-3500

OIL CONSERVATION DIVISION
SANTA FE

Mailing Address
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

May 21, 1981

Mr. Jack Willock
Assistant Area Oil
and Gas Supervisor
United States Geological Survey
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

State of New Mexico
Commissioner of Public Lands
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Oil Conservation Commission
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Re: San Juan 32-8 Unit
No. 14-08-001-446
San Juan County, New Mexico
1981 Drilling Program

446
rk
EJP
6/22/81

By letter dated July 7, 1980, Northwest Pipeline Corporation, Unit Operator, filed a Drilling Program for the captioned unit for the calendar year 1980, providing for the drilling of two (2) Mesaverde wells; one Fruitland well and one Mesaverde-Dakota dual well. These wells were timely drilled.

As of this date, the total number of wells drilled in the San Juan 32-8 Unit on acreage committed to the unit is as follows:

Fruitland, commercial	2
Fruitland, commerciality not determined	2
Mesaverde, commercial	28
Mesaverde, commerciality not determined	3
Mesaverde, noncommercial	1
Mesaverde, plugged & abandoned	2
Mesaverde-Dakota Dual, commerciality not determined	1
<hr/>	
TOTAL	39

Regulatory Agencies
May 21, 1981
Page 2

Northwest Pipeline Corporation, as Unit Operator, has contacted all of the Working Interest Owners and has received the necessary concurrence to propose the drilling of the following well(s) during the calendar year 1981:


<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
San Juan 32-8 Unit #7A	W/2-22-31-8	Mesaverde
San Juan 32-8 Unit #8A	E/2-22-31-8	Mesaverde
San Juan 32-8 Unit #11A	E/2-21-31-8	Mesaverde/Dakota
San Juan 32-8 Unit #40A	W/2-33-32-8	Mesaverde
San Juan 32-8 Unit #45	W/2-14-32-8	Pictured Cliffs/Mesaverde
San Juan 32-8 Unit #46	E/2-14-32-8	Pictured Cliffs/Mesaverde
San Juan 32-8 Unit #47	S/2-30-32-8	Pictured Cliffs/Mesaverde
San Juan 32-8 Unit #48	S/2-17-32-8	Dakota

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or 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 Northwest Pipeline Corporation.

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

Very truly yours,


Kathy Michael
Associate Landman

KM:vh
Attachment

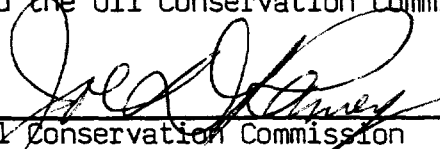
APPROVED: _____ DATE: _____

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

APPROVED: _____ DATE: _____

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

APPROVED: _____ DATE: 7/1/81


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

The foregoing approvals are for the San Juan 32-8 Unit, No. 14-08-001-446, San Juan County, New Mexico, 1981 Drilling Program.

San Juan 32-8 Unit
Working Interest Owners

General American Oil Company of Texas
Attention: Mr. L. E. Dooley
Meadows Building
Dallas, Texas 75206

Phillips Petroleum Company
Attention: Mr. Paul Wieman
7800 East Dorado Place
Englewood, Colorado 80111

Getty Oil Company
Attention: Mr. T. L. Ditmore
Three Park Central, Suite 700
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Attention: Edgar Floyd
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Texaco, Inc.
Box 2100
Denver, Colorado 80201

El Paso Exploration Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Phillips Petroleum Company
Attention: Mr. Gordon Buckman
7800 East Dorado Place
Englewood, Colorado 80111

State of New Mexico



Commissioner of Public Lands

March 2, 1981

ALEX J. ARMIJO
COMMISSIONER

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

446

Northwest Pipeline Corporation
1125 Seventeenth Street, Suite 2100
Denver, Colorado 80202

Re: San Juan 32-8 Unit
San Juan County, New Mexico
17th Expanded Participating Area
Mesaverde Formation
Effective January 1, 1980

ATTENTION: Kathy Michael

Gentlemen:

We are in receipt of three copies of the 17th. Expanded Participating Area, Mesaverde Formation, San Juan 32-8 Unit.

Since this needs no official approval we have this date filed it in our unit file.

Enclosed is one copy for your files reflecting the date it was received in this office

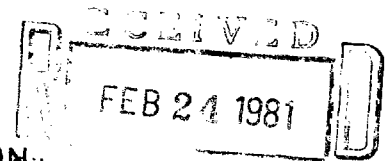
Very truly yours

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

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

AJA/RDG/s
encls.
cc:

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



NORTHWEST PIPELINE CORPORATION
 1125 Seventeenth Street, Suite 2100
 Denver, Colorado 80202
 (303) 620-3500

OIL CONSERVATION DIVISION
 SANTA FE

February 18, 1981

Mailing Address
 P. O. Box 5800, Terminal Annex
 Denver, Colorado 80217

Mr. Jack Willock
 Assistant Area Oil
 and Gas Supervisor
 United States Geological Survey
 Western National Bank Building
 505 Marquette NW, Suite 815
 Albuquerque, New Mexico 87102

State of New Mexico
 Commissioner of Public Lands
 Attention: Mr. Ray D. Graham
 Post Office Box 1148
 Santa Fe, New Mexico 87501

State of New Mexico
 Oil Conservation Commission
 Attention: Mr. Joe Ramey
 Post Office Box 2088
 Santa Fe, New Mexico 87501

Gentlemen:

Re: San Juan 32-8 Unit No. 14-08-001-446
 San Juan County, New Mexico
17TH EXPANDED PARTICIPATING AREA
MESAVERDE FORMATION
 Effective January 1, 1980

Pursuant to Section 11(a) of the San Juan 32-8 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the date indicated below that the following well, which is capable of producing unitized substances in paying quantities from the Mesaverde formation, has been completed upon a drilling block committed to this Unit:

SEVENTEENTH EXPANDED PARTICIPATING AREA-----Effective January 1, 1980:

<u>Description of Lands</u>	<u>Acres</u>	<u>Well Name and No.</u>
<u>Township 32 North, Range 8 West</u> Section 33: W/2	320.00	San Juan 32-8 Unit No. 40
<u>Township 31 North, Range 8 West</u> Section 4: Lots 3,4, S/2NW/4, NE/4SW/4, S/2SW/4	280.57	Intervening Drilling Block

Regulatory Agencies
February 18, 1981
Page 2

San Juan 32-8 Unit
17th Expanded P/A
Mesaverde Formation
Eff. 1-1-80

The San Juan 32-8 Unit No. 40 Well is located 840 feet from the West Line and 960 feet from the South Line, Section 33, Township 32 North, Range 8 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on November 27, 1979 and completed on December 27, 1979 in the Mesaverde formation at a plug back depth of 5,900 feet. The Mesaverde formation was perforated with one shot per foot at each of the following depths:

5470', 5482', 5486', 5524', 5536', 5540', 5585',
5592', 5596', 5600', 5762', 5770', 5774', 5777',
5780', 5788', 5792', 5796', 5800', 5804', 5808',
5816', 5830', 5834', and 5838'.

These perforations were treated with 500 gallons of 7½% HCl followed by a sand water fracturing. The well was shut-in December 17, 1979 for 10 days with an SIPC of 1050 psig and a SIPT of 1042 psig. On December 27, 1979 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 2649 MCFD with a calculated AOF of 3756 MCFD.

Attached is Schedule XVIII and ownership map showing the 17th Expanded Participating Area for the Mesaverde formation of the San Juan 32-8 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 January 1, 1980.

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

Very truly yours,



Kathy Michael
Land Records Coordinator

KM:vh
Attachments

cc: Working Interest Owners

SAN JUAN 32-8 UNIT

Working Interest Owners

General American Oil Company of Texas
Attention: Mr. L. E. Dooley
Meadows Building
Dallas, Texas 75206

Phillips Petroleum Company
Attention: Mr. Derryl E. Millican
7800 East Dorado Place
Englewood, Colorado 80111

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Sun Gas Company
Attention: Edgar Floyd
Joint Operations
Post Office Box 20
Dallas, Texas 75221

Texaco, Inc.
Box 2100
Denver, Colorado 80201

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

Phillips Petroleum Company
Attention: Mr. Gordon Buckman
7800 East Dorado Place
Englewood, Colorado 80111

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVERDE FORMATION
SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
NM 013364	T-31-N, R-8-W	360.00	Royalty;	TRACT 3	12.50%	82.50%	3.528692
	Working Interest;						
	Northwest Pipeline Corp.						
	ORRI;						
	TOTAL				100.00%		
SF 79004	T-31-N, R-8-W	1,720.00	Royalty;	TRACT 4	12.50%	82.50%	16.859307
	Working Interest;						
	Northwest Pipeline Corp.						
	ORRI;						
	TOTAL				100.00%		
SF 079013	T-32-N, R-8-W	960.00	Royalty;	TRACT 5	12.50%	82.50%	9.409846
	Working Interest;						
	Northwest Pipeline Corp.						
	ORRI;						
	TOTAL				100.00%		
SF 079029	T-31-N, R-8-W	1,522.08	Royalty;	TRACT 7	12.50%	82.50%	14.919310
	Working Interest;						
	Northwest Pipeline Corp.						
	ORRI;						
	TOTAL				100.00%		

Effective January 1, 1980

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVARDE FORMATION

SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 8</u>							
SF 079047	T-31-N, R-8-W Sec. 14: W/2 Sec. 23: W/2	640.00	Royalty; Working Interest; Northwest Pipeline Corp; ORRI;		12.50%	82.50% 5.00%	6.273231
<u>TRACT 11</u>							
SF 079341-A	T-32-N, R-8-W Sec. 19: SW/4SE/4	40.00	Royalty; Working Interest; Northwest Pipeline Corp; ORRI;		12.50%	82.50% 5.00%	.392077
<u>TRACT 13</u>							
SF 079351	T-31-N, R-8-W Sec. 24: E/2, E/2NW/4	400.00	Royalty; Working Interest; El Paso Natural Gas Co; ORRI;		12.50%	85.00% 2.50%	3.920769
<u>TRACT 14</u>							
SF 079353	T-32-N, R-8-W Sec. 15: W/2 Sec. 19: NE/4, N/2SE/4 SE/4SE/4 Sec. 33: W/2	920.00	Royalty; Working Interest; Northwest Pipeline Corp; ORRI;		12.50%	82.50% 5.00%	9.017769

Effective January 1, 1980

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVERDE FORMATION
SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 15</u>							
SF 079380	T-32-N, R-8-W Sec. 22; W/2	320.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50% 82.50% 5.00%	12.50% 82.50% 5.00%	3.136615
<u>TOTAL</u>							
<u>TRACT 16</u>							
SF 079381	T-32-N, R-8-W Sec. 33; E/2 Sec. 34; W/2 Sec. 35; E/2	960.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50% 82.50% 5.00%	12.50% 82.50% 5.00%	9.409846
<u>TOTAL</u>							
<u>TRACT 17</u>							
SF 079717	T-32-N, R-8-W Sec. 27; W/2SW/4 SE/4SW/4	120.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50% 82.50% 5.00%	12.50% 82.50% 5.00%	1.176231
<u>TOTAL</u>							
<u>TRACT 18</u>							
SF 080412	T-32-N, R-8-W Sec. 27; NW/4, NE/4SW/4	200.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50% 85.00% 2.50%	12.50% 85.00% 2.50%	1.960385
<u>TOTAL</u>							

Effective January 1, 1980

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVERDE FORMATION

SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 19</u>							
SF 080854	T-31-N, R-8-W Sec. 24: W/2NW/4, SW/4	240.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	82.50%	2.352461
			TOTAL		100.00%	100.00%	
<u>TRACT 20</u>							
SF 081089	T-31-N, R-8-W Sec. 23: E/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	82.50%	3.136615
			TOTAL		100.00%	100.00%	
<u>TRACT 21</u>							
SF 03402	T-31-N, R-8-W Sec. 15: SW/4 SW/4SE/4 Sec. 22: All	840.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	82.50%	8.233615
			TOTAL		100.00%	100.00%	
<u>TRACT 24</u>							
E-1204-2	T-31-N, R-8-W Sec. 16: NW/4, NE/4SW/4, SW/4SW/4, NW/4NE/4, SE/4NE/4, N/2SE/4	400.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	82.50%	3.920769
			TOTAL		100.00%	100.00%	

Effective January 1, 1980

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVERDE FORMATION

SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION			
E-3704-2	T-31-N, R-8-W Sec. 16; SW/4SE/4	40.00	TRACT 26							
			Royalty;		12.50%		12.50%	.392077		
			Working Interest;							
			Northwest Pipeline Corp.;		82.50%		82.50%			
			ORRI;		5.00%		5.00%			
			TOTAL		100.00%		100.00%			
			TRACT 28							
			Royalty;		12.50%		12.50%			
			Working Interest;							
			Northwest Pipeline Corp.;		82.50%		82.50%			
ORRI;		5.00%		5.00%						
TOTAL		100.00%		100.00%						
TRACT 31										
E-5113-21	T-31-N, R-8-W Sec. 16; NW/4SW/4	40.00	TRACT 31							
			Royalty;		12.50%		12.50%	.392077		
			Working Interest;							
			Northwest Pipeline Corp.;		81.50%		81.50%			
			ORRI;		6.00%		6.00%			
			TOTAL		100.00%		100.00%			
			TRACT 34							
			Royalty;		12.50%		12.50%			
			Working Interest;							
			Texaco, Inc.;		87.50%		87.50%			
ORRI;		.00%		.00%						
TOTAL		100.00%		100.00%						
E-5382	T-31-N, R-8-W Sec. 16; NE/4NE/4	40.00	TRACT 34							
			Royalty;		12.50%		12.50%	.392077		
			Working Interest;							
			Texaco, Inc.;		87.50%		87.50%			
			ORRI;		.00%		.00%			
			TOTAL		100.00%		100.00%			

Effective January 1, 1980

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVARDE FORMATION

SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 38-A</u>							
B-11240-64	T-31-N, R-8-W Sec. 16; SE/4SE/4	40.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	82.50%	.392077
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 38</u>							
B-11240-65	T-31-N, R-8-W Sec. 16; SE/4SW/4	40.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50%	85.00%	.392077
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	

Effective January 1, 1980

SEVENTEENTH EXPANDED PARTICIPATING AREA, MESAVERDE FORMATION
SAN JUAN 32-8 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
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R E C A P I T U L A T I O N

Description of Lands in Participating Area:

Township 32 North, Range 8 West, N.M.P.M.
Sections 15, 17, 20, 22, 27, 29, 34: W/2
Sections 19, 33, 35: E/2

Township 31 North, Range 8 West, N.M.P.M.
Section 14: W/2
Sections 3, 9, 10, 15, 16, 21, 22, 23, 24: A11
Section 4: E/2

Total Number of Acres in Participating Area: 10,202.08

Total Number of Acres Committed to Participating Area: 10,202.08

EFFECTIVE: January 1, 1980