

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

OIL CONSERVATION DIVISION

MAY 11 1981

RECEIVED

May 7, 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

420

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 32-7 Unit  
No. 14-08-001-441  
San Juan County, New Mexico  
1981 Drilling Program

The 1981 Drilling Program filed on March 4, 1981 for the San Juan 32-7 Unit No. 14-08-001-441 has been approved by the regulatory agencies as follows:

Oil Conservation Commission	3-11-81
Commissioner of Public Lands	3-12-81
U. S. Geological Survey	4-23-81

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

Yours very truly,

*Kathy Michael*  
Kathy Michael  
Associate Landman  
(303) 620-3520

KM:vh  
cc: Working Interest Owners

San Juan 32-7 Unit  
Working Interest Owners

Mr. J. Glenn Turner, Jr.  
Independent Co-Executor of the  
Estate of J. Glenn Turner, Deceased  
1700 Mercantile Bank Building  
Dallas, Texas 75206

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

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

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

Mrs. Iris Gerber Damson  
25 Mamaroneck Road  
Scarsdale, New York 10583

Amoco Production Company  
Attention: Mr. A. M. Roney  
1670 Broadway, Suite 750  
Amoco Building  
Denver, Colorado 80202

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



# United States Department of the Interior

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



23 APR 1981

420

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 32-7 unit area, San Juan County, New Mexico is enclosed. Such plan, proposing to drill one Mesaverde well, two Dakota wells, four Mesaverde/Pictured Cliffs wells, and any offset wells required to prevent drainage of unitized substances was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

**(ORIG. SGD.) GENE F. DANIEL**

Gene F. Daniel  
Deputy Conservation Manager  
Oil and Gas

Enclosure  
NMOCD, Santa Fe

# State of New Mexico



120

## Commissioner of Public Lands

March 12, 1981

ALEX J. ARMIJO  
COMMISSIONER

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

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

Re: San Juan 32-7 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 32-7 Unit, San Juan County, New Mexico. Such plan proposes the drilling of wells no 27A, 28A, 41A, 75, 76, 77 and 78. Our approval is subject to like approval by the United States Geological Survey. The OCD gave their approval March 11, 1981.

Enclosed is one approved copy for your files.

As a matter of information, in the future, the following information will be required on all plans of development involving State lands.

1. An up to date map showing all well numbers and locations and current well status.
2. A complete production history by month for the year beginning With 1980.

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

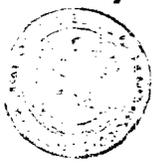
Very truly yours,

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-Albuquerque, New Mexico  
USGS-Roswell, New Mexico



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

March 11, 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. 420  
San Juan 32-7 Unit  
1981 Drilling Program

Gentlemen:

We hereby approve the 1981 Drilling Program for the San Juan 32-7 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

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

March 4, 1981

RECEIVED  
MAR 10 1981  
OIL CONSERVATION DIVISION  
SANTA Fe  
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 32-7 Unit  
No. 14-08-001-441  
San Juan County, New Mexico  
1981 Drilling Program

On June 17, 1980, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the San Juan 32-7 Unit for the calendar year 1980 providing for the drilling of three (3) Dakota Wells, one (1) Mesaverde Well, and one (1) Pictured Cliffs Well. On October 8, 1980, Northwest Pipeline Corporation filed a Supplemental Drilling Program providing for the drilling of two (2) Mesaverde Wells on Intervening Drilling Blocks created by the 18th Expansion of the Mesaverde Participating Area. One of these wells (the No. 71) was included on the original drilling program, but not as an Intervening Drilling Block. These wells were timely drilled except Well No. 59 (S/2 Sec. 12-32N-7W, Dakota) which was dropped from the program.

As of this date, the total number of wells drilled in the San Juan 32-7 Unit on acreage, or on Drilling Blocks including acreage, committed to the Unit is as follows:

San Juan 32-7 Unit  
1981 Drilling Program

Fruitland, commercial	2
Dual Fruitland-Pictured Cliffs, commercial	1
Pictured Cliffs, commercial	6
Pictured Cliffs, commerciality undetermined	5
Pictured Cliffs, plugged and abandoned	1
Mesaverde, commercial	25
Mesaverde, commerciality undetermined	2
Mesaverde, plugged and abandoned	2
Dual Mesaverde-Dakota:	
Commercial	1
Plugged back to Mesaverde	1
Noncommercial in Dakota	2
Dakota, commercial	4
Dakota, commerciality undetermined	10
Dakota, noncommercial	2
	<u>64</u>

Pursuant to Section 10 of the San Juan 32-7 Unit Agreement, 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 wells in 1981:

<u>Well Number</u>	<u>Drilling Block</u>	<u>Formation</u>
27A	W/2 Sec. 36-32N-7W	MV/PC
28A	W/2 Sec. 35-32N-7W	MV
41A	Lots 2-6, E/2SW, W/2SE Sec. 7-32N-7W	MV/PC
75	E/2 Sec. 27-32N-7W	MV/PC
76	W/2 Sec. 18-32N-7W	MV/PV
77	N/2 Sec. 36-32N-7W	DK
78	N/2 Sec. 33-32N-7W	DK

Northwest, 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 of the Unit Operator by the Working Interest Owners.

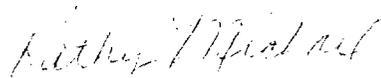
If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return one approved copy to this office.

Regulatory Agencies  
March 4, 1981  
Page 3

San Juan 32-7 Unit  
1981 Drilling Program

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

Very truly yours,



Kathy Michael  
Land Records Coordinator

KM:vh  
Enclosure

cc: Working Interest Owners

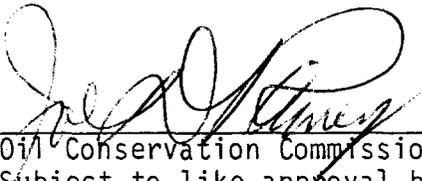
APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

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: 3/11/81

  
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 32-7 Unit, No. 14-08-001-441,  
San Juan County, New Mexico, 1981 Drilling Program.

SAN JUAN 32-7 UNIT

Working  
Interest Owners

Mr. J. Glenn Turner, Jr.  
Independent Co-Executor of the  
Estate of J. Glenn Turner, Deceased  
1700 Mercantile Bank Building  
Dallas, Texas 75206

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

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

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

Mrs. Iris Gerber Damson  
25 Mamaroneck Road  
Scarsdale, New York 10583

Amoco Production Company  
Attention: Mr. A. M. Roney  
1670 Broadway, Suite 750  
Amoco Building  
Denver, Colorado 80202

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

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

DEC 18 1980  
Mailing Address  
P. O. Box 5800, Terminal Annex  
Denver, Colorado 80217

December 17, 1980

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:

420  
Re: San Juan 32-7 Unit  
San Juan County, New Mexico  
1980 Supplemental Drilling Program

The 1980 Supplemental Drilling Program filed on October 8, 1980 for the San Juan 32-7 Unit has been approved by the regulatory agencies as follows:

Oil Conservation Commission	December 12, 1980
Commissioner of Public Lands	October 22, 1980
U. S. Geological Survey	November 10, 1980

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

Very truly yours,

*Kathy Michael*  
Kathy Michael  
Land Records Coordinator

KM:vh  
Attachment

San Juan 32-7 Unit  
Working Interest Owners

Mr. J. Glenn Turner, Jr.  
Independent Co-Executor of the  
Estate of J. Glenn Turner, Deceased  
1700 Mercantile Bank Building  
Dallas, Texas 75206

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

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

Phillips Petroleum Company  
Attention: N. N. Beckner  
7800 East Dorado Place  
Englewood, Colorado 80111

Mrs. Iris Gerber Damson  
25 Mamaroneck Road  
Scarsdale, New York 10583

Amoco Production Company  
Attention: Mr. A. M. Roney  
1670 Broadway, Suite 750  
Amoco Building  
Denver, Colorado 80202

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

December 8, 1980

Northwest Pipeline Corporation  
One Park Central, Suite 1487  
Denver, Colorado 80202

Attention: Kathy Michael

Re: Case No. 420  
San Juan 32-7 Unit  
1980 Supplemental Drilling  
Program

Gentlemen:

We hereby approve the 1980 Supplemental Drilling Program for the San Juan 32-7 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 Supplemental Drilling Program are returned herewith.

Yours very truly,

JOE D. RAHEY  
Director

JCR/EP/rd  
enc.

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



# United States Department of the Interior

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

420

NOV 18 1980

NOV 18 1980  
OIL GAS DIVISION  
SANTA FE

Northwest Pipeline Corporation  
Attention: Kathy Michael  
One Park Central, Suite 1487  
Denver, Colorado 80202

Gentlemen:

One approved copy of your 1980 supplemental plan of development for the San Juan 32-7 unit area, San Juan County, New Mexico is enclosed. Such plan, proposing to drill wells No. 71 and No. 74 on the intervening drilling blocks, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(CING. 303) JACK WELLOCK



FOR

Floyd Stelzer  
Acting Deputy Conservation  
Manager, Oil and Gas

Enclosure

cc:

NMOCD, Santa Fe (ltr only)



United States Department of the Interior

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

OCT 28 1980  
OIL CONSERVATION DIVISION  
SANTA FE

32 OCT 1980

420

Northwest Pipeline Corporation  
Attention: Kathy Michael  
One Park Central, Suite 1487  
Denver, Colorado 80202

Dear Ms. Michael:

Your letter of August 12, 1980 transmitted three copies of the proposed nineteenth revision to the Mesaverde participating area of the San Juan 32-7 unit, No. 14-08-001-441, San Juan County, New Mexico. The proposed revision adds 320.00 acres described as the W $\frac{1}{2}$ SW $\frac{1}{4}$  section 2, E $\frac{1}{2}$ SE $\frac{1}{4}$  section 3, and the NE $\frac{1}{4}$  section 10, T. 31 N., R. 7 W., N.M.P.M., thereby enlarging the participating area to 9,698.02 acres. This revision is accepted for record purposes with the following corrections:

Pg. 6 of Schedule XXI

1. Total No. of acres in P.A. = 9,698.02 acres,  
not 9,458.02.
2. Total No. of acres Not Committed to P.A. = 640.00 acres,  
not 400.00.

One signed copy is enclosed.

Sincerely yours,

FLOYD STELZER

Floyd Stelzer  
Acting Deputy Conservation  
Manager, Oil and Gas

Enclosure

cc:  
NMOCD, Santa Fe (ltr only)



# United States Department of the Interior

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

RECEIVED  
OCT 23 1980  
OIL CONSERVATION DIVISION  
SANTA FE

24 OCT 1980

420

Northwest Pipeline Corporation  
Attention: Kathy Michael  
One Park Central, Suite 1487  
Denver, Colorado 80202

Dear Ms. Michael:

Your letter of September 4, 1980 transmitted three copies of the proposed amended eighteenth revision to the Mesaverde participating area of the San Juan 32-7 unit, No. 14-08-001-441, San Juan County, New Mexico. The proposed revision adds 963.39 acres described as lots 5, 6, 7, 8, the  $W\frac{1}{2}SE\frac{1}{4}$ , and the  $SW\frac{1}{4}$  section 3, lot 5,  $E\frac{1}{2}SE\frac{1}{4}$ ,  $SW\frac{1}{4}SE\frac{1}{4}$  section 4,  $N\frac{1}{2}$  section 9, and  $NW\frac{1}{4}$  section 10, T. 31 N., R. 7 W., N.M.P.M., thereby enlarging the participating area to 9,378.02 acres. This revision is accepted for record purposes. One signed copy is enclosed.

Sincerely yours,

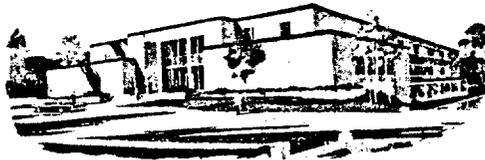
COPIES SENT TO BOX WILLCOCK

Floyd Stelzer  
Acting Deputy Conservation  
Manager, Oil and Gas

Enclosure  
cc:  
NMOCD, Santa Fe

State of New Mexico

420



Commissioner of Public Lands

October 22, 1980

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

ALEX J. ARMIJO  
COMMISSIONER

Northwest Pipeline Corporation  
One Park Central, Suite 1487  
Denver, Colorado 80202

Re: San Juan 32-7 Unit  
San Juan County, New Mexico  
1980 Supplemental Drilling Program

ATTENTION: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your 1980 Supplemental Drilling Program for the San Juan 32-7 Unit, San Juan County, New Mexico. such plan provides for the drilling of two wells on the Intervening Drilling Blocks, being wells 71 and 74. Well No. 71 was proposed in your original program but not as an Intervening Drilling Block well. 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.

Your Three (\$3.00) Dollar filing fee has been received.

Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

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

AJA/FOP/s

encls.

cc:

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

State of New Mexico



Commissioner of Public Lands

October 20, 1980

ALEX J. ARMIJO  
COMMISSIONER

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

Northwest Pipeline Corporation  
One Park Central, Suite 1487  
Denver, Colorado 80202

Re: San Juan 32-7  
San Juan County, New Mexico  
SECOND EXPANDED PARTICIPATING  
AREA-FRUITLAND AND PICTURED CLIFFS  
FORMATIONS

ATTENTION: Kathy Michael

Gentlemen:

We are in receipt of your letter dated October 15, 1980, whereby, you ask us to disregard your letter dated September 10, 1980, regarding the Third and Fourth Expanded Participating Areas. We have this date complied with your request, however, in checking further we find we have not been furnished the Second Expanded Participating Area for the Fruitland Formation nor for the Pictured Cliffs Formation.

Please furnish us copies of the above mentioned expanded participating areas for our files.

May we hear from you at your earliest convenience.

Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505-827-2748

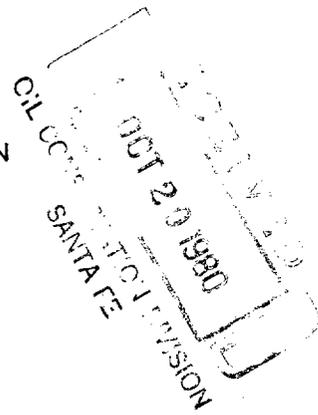
AJA/RDG/s  
cc:

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

NORTHWEST PIPELINE CORPORATION

ONE PARK CENTRAL, SUITE 1487  
DENVER, COLORADO 80202  
(303) 623-9303

October 15, 1980



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

420

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 32-7 Unit  
San Juan County, New Mexico  
Third and Fourth Expanded  
Participating Areas  
Fruitland Formation

By letter dated September 10, 1980, Northwest Pipeline Corporation, as Unit Operator, advised you of the Third Expanded Participating Area, Fruitland formation, effective September 1, 1978 and the Fourth Expanded Participating Area, Fruitland formation, effective July 1, 1979, which brought five dually-completed Fruitland/Pictured Cliffs wells into both Participating Areas.

We have since been advised by our engineers that these wells were neither dually-completed nor commingled, despite their earlier advice, but that the five wells were singly-completed Pictured Cliffs wells.

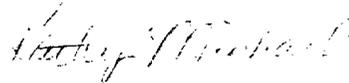
Therefore, this letter is to advise you that our letter of September 10, 1980 should be disregarded, and that the Second Expanded Participating Area,

United States Geological Survey  
Commissioner of Public Lands  
Oil Conservation Commission  
STATE OF NEW MEXICO  
October 15, 1980  
Page 2

Fruitland formation, effective November 1, 1977 is still in effect.

We apologize for any inconvenience our error may have caused. By copy of this letter, the Working Interest Owners on the attached list are being advised of this correction.

Very truly yours,



Kathy Michael  
Land Records Coordinator

KM:vh  
Attachment

cc: Working Interest Owners

San Juan 32-7 Unit  
Working Interest Owners

Mr. J. Glenn Turner, Jr.  
Independent Co-Executor of the  
Estate of J. Glenn Turner, Deceased  
1700 Mercantile Bank Building  
Dallas, Texas 75206

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

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

Phillips Petroleum Company  
Attention: N. N. Beckner  
7800 East Dorado Place  
Englewood, Colorado 80111

Mrs. Iris Gerber Damson  
25 Mamaroneck Road  
Scarsdale, New York 10583

Amoco Production Company  
Attention: Mr. A. M. Roney  
1670 Broadway, Suite 750  
Amoco Building  
Denver, Colorado 80202

NORTHWEST PIPELINE CORPORATION

ONE PARK CENTRAL, SUITE 1487  
DENVER, COLORADO 80202  
(303) 623-9303

October 8, 1980

RECEIVED  
OCT 10 1980  
OIL CONSERVATION COMMISSION  
SANTA FE

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 32-7 Unit  
San Juan County, New Mexico  
1980 Supplemental Drilling Program

By letter dated June 17, 1980, Northwest Pipeline Corporation filed a Drilling Program for 1980 providing for the drilling of three Dakota wells, one Mesaverde well, and one Pictured Cliffs well in the San Juan 32-7 Unit. Since that time it has come to our attention that the Eighteenth Expansion of the Mesaverde Participating Area effective August 1, 1977, should have included two Intervening Drilling Blocks which were inadvertently overlooked.

Therefore, Northwest Pipeline Corporation, as Unit Operator, has filed an Amended Eighteenth Expansion for the Mesaverde Participating Area and hereby proposes a Supplemental Drilling Program providing for the drilling of wells on the Intervening Drilling Blocks created thereby as follows:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
71*	N/2 Section 9-31N-7W	Mesaverde
74	Lots 5-8, W/2SW/4 Sec. 3; Lot 5, E/2SE/4, SW/4SE/4 Sec. 4, T31N-R7W	Mesaverde

450

OK

11/1/80

EJP

United States Geological Survey  
Commissioner of Public Lands  
Oil Conservation Commission  
STATE OF NEW MEXICO  
October 8, 1980  
Page 2

\*This well was proposed in the original program, but not as an Intervening Drilling Block well.

Because these wells are being drilled on Intervening Drilling Blocks, they will not cause an expansion of the Mesaverde Participating Area if commercial. It is planned that these wells will be commenced before the end of calendar year 1980.

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 of the Unit Operator by the W.I. Owners.

If this Supplemental Drilling Program meets with your approval, please signify your approvals as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return one copy to this office.

Copies of this Supplemental Drilling Program have been sent to the W. I. Owners shown on the attached sheet.

Very truly yours,



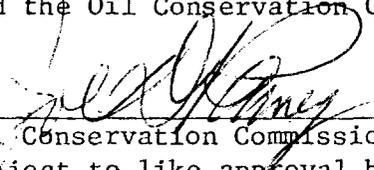
Kathy Michael  
Land Records Coordinator

KM:vh  
Enclosure

cc: San Juan 32-7 Unit  
Working Interest Owners

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Assistant 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: 12/8/80  
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 32-7 Unit, San Juan County, New Mexico, 1980 Supplemental Drilling Program.

San Juan 32-7 Unit  
Working Interest Owners

Mr. J. Glenn Turner, Jr.  
Independent Co-Executor of the  
Estate of J. Glenn Turner, Deceased  
1700 Mercantile Bank Building  
Dallas, Texas 75206

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

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

Phillips Petroleum Company  
Attention: N. N. Beckner  
7800 East Dorado Place  
Englewood, Colorado 80111

Mrs. Iris Gerber Damson  
25 Mamaroneck Road  
Scarsdale, New York 10583

Amoco Production Company  
Attention: Mr. A. M. Roney  
1670 Broadway, Suite 750  
Amoco Building  
Denver, Colorado 80202

NORTHWEST PIPELINE CORPORATION

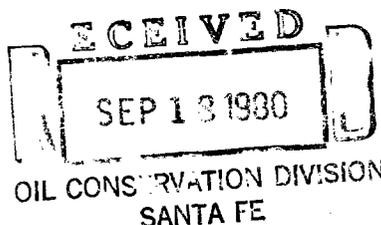
ONE PARK CENTRAL, SUITE 1487  
DENVER, COLORADO 80202  
(303) 623-9303

September 10, 1980

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 32-7 Unit  
No. 14-08-001-441  
San Juan County, New Mexico  
THIRD EXPANDED PARTICIPATING AREA  
FRUITLAND FORMATION  
Effective September 1, 1978  
FOURTH EXPANDED PARTICIPATING AREA  
FRUITLAND FORMATION  
Effective July 1, 1979

Pursuant to Section 11(a) of the San Juan 32-7 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the dates indicated below that wells capable of producing unitized substances in paying quantities from the Fruitland formation were completed on Drilling Blocks containing a portion of acreage committed to this Unit and the Participating Area for the Fruitland formation should be expanded as follows:

THIRD EXPANDED PARTICIPATING AREA - Effective September 1, 1978

<u>Drilling Block</u>	<u>Acres</u>	<u>Well Name and No.</u>
T32N-R7W Sec. 33: SE/4	160.00	Middle Mesa Well No. 2

The pertinent data is as follows:

The Middle Mesa No. 2 Well is located 1520 feet from the South Line and 1640 feet from the East Line, Section 33, Township 32 North, Range 7 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on June 30, 1978 and completed on August 28, 1978 in the Fruitland-Pictured Cliffs formation at a plug back depth of 3742 feet. The Fruitland-Pictured Cliffs formation was perforated with one hole at each of the following depths:

3468', 3471', 3474', 3490', 3494', 3504', 3508', 3569',  
 3576', 3582', 3592', 3606', 3624', 3632', 3645', 3656'  
 and 3661'.

These perforations were treated with 500 gallons of 7-1/2% HCl followed by a sand-water fracturing. The well was shut in August 21, 1978 for seven days with an SIPT of 1550 psig and SIPC of 1550 psig. On August 28, 1978, the well was tested and after flowing for three (3) hours through a 3/4-inch variable choke on the 1.5-inch tubing, the well gauged 5462 MCFD with a calculated AOF of 12075 MCFD.

FOURTH EXPANDED PARTICIPATING AREA - Effective July 1, 1979

<u>Drilling Block</u>	<u>Acres</u>	<u>Well Name and No.</u>
<u>T32N-R7W</u>	320.00	San Juan 32-7 Unit Well No. 47
Sec. 35: E/2		San Juan 32-7 Unit Well No. 49
Sec. 35: W/2	320.00	San Juan 32-7 Unit Well No. 48
Sec. 34: E/2	320.00	San Juan 32-7 Unit Well No. 50

The pertinent data is as follows:

The San Juan 32-7 Unit No. 47 Well is located 1040 feet from the North Line and 1160 feet from the East Line, Section 35, Township 32 North, Range 7 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on June 13, 1978 and completed on June 7, 1979 in the Fruitland-Pictured Cliffs formation at a plug back depth of 3905 feet. The Fruitland-Pictured Cliffs formation was perforated with one hole at each of the following depths:

3552', 3558', 3564', 3570', 3576', 3594', 3602', 3610',  
 3684', 3690', 3696', 3716', 3722', 3732', 3740', 3750'.

These perforations were treated with 500 gallons of 7-1/2% HCl followed by a sand-water fracturing. The well was shut in May 30, 1979 for eight days with an SIPC of 1530 psig. On June 7, 1979

the well was tested and after flowing for three (3) hours through a 3/4-inch variable choke on the 2-7/8 inch casing the well gauged 5162 MCFD with a calculated AOF of 5814 MCFD.

The San Juan 32-7 Unit No. 49 Well is located 1800 feet from the South Line and 985 feet from the East Line, Section 35, Township 32 North, Range 7 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on July 7, 1978 and completed on June 8, 1979 in the Fruitland-Pictured Cliffs formation at a plug back depth of 3863 feet. The Fruitland-Pictured Cliffs formation was perforated with one hole at each of the following depths:

3544', 3545', 3546', 3547', 3548', 3549', 3550',  
3551', 3552', 3553', 3554', 3555', 3556', 3557',  
3558', 3559', 3560', 3561' and 3562'.

These perforations were sand-water fractured. The well was shut in May 30, 1979 for eight days with an SIPC of 1503 psig. On June 8, 1979 the well was tested and after flowing for three (3) hours through a 3/4-inch variable choke on the 2-7/8 inch casing the well gauged 1153 MCFD with a calculated AOF of 1160 MCFD.

The San Juan 32-7 Unit No. 48 is located 900 feet from the North Line and 1030 feet from the West Line, Section 35, Township 32 North, Range 7 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on July 22, 1978 and completed on June 12, 1979 in the Fruitland-Pictured Cliffs formation at plug back depth of 3785 feet.

The Fruitland-Pictured Cliffs formation was perforated with one hole at each of the following depths:

3472', 3474', 3494', 3500', 3504', 3508', 3512',  
3516', 3520', 3524', 3530', 3534'.

These perforations were treated with 500 gallons of 7-1/2% HCl followed by a sand-water fracturing. The well was shut in June 4, 1979 for eight days with an SIPC of 1512 psig. On June 12, 1979 the well was tested and after flowing for three (3) hours through a 3/4-inch variable choke on the 2-7/8 inch casing the well gauged 1082 MCFD with a calculated AOF of 1088 MCFD.

United States Geological Survey  
Commissioner of Public Lands  
Oil Conservation Commission  
STATE OF NEW MEXICO  
September 10, 1980  
Page 4

The San Juan 32-7 Unit No. 50 Well is located 920 feet from the South Line and 1660 feet from the East Line, Section 34, Township 32 North, Range 7 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on July 14, 1978 and completed on June 6, 1979 in the Fruitland-Pictured Cliffs formation at a plug back depth of 3872 feet. The Fruitland-Pictured Cliffs formation was perforated with one hole at each of the following depths:

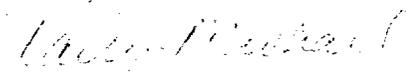
3542', 3546', 3550', 3554', 3564', 3676', 3674',  
3694', 3702', 3710', 3726', 3730', 3734', 3746',  
3779'.

These perforations were treated with 500 gallons of 7-1/2% HCl followed by a sand-water fracturing. The well was shut in May 26, 1979 for 11 days with an SIPC of 1505 psig. On June 6, 1979 the well was tested and after flowing for three (3) hours through a 3/4-inch variable choke on the 2-7/8 inch casing the well gauged 5284 MCFD with a calculated AOF of 6024 MCFD.

Attached are schedules and ownership maps showing the Third and Fourth Expanded Participating Areas for the Fruitland formation of the San Juan 32-7 Unit. The schedules describe the Third and Fourth Expanded Participating Areas and show the percentage of unitized substances allocated to each tract. Inasmuch as these need no official approval, no provision is made therefore and, in the absence of disapproval, the captioned Third and Fourth Expanded Participating Areas will become effective as set forth herein.

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

Very truly yours,



Kathy Michael  
Land Records Coordinator

KM:vh  
Enclosures

cc: Working Interest Owners

SAN JUAN 32-7 UNIT

Working Interest Owners

Mr. J. Glenn Turner, Jr.  
Independent Co-Executor of the  
Estate of J. Glenn Turner, Deceased  
1700 Mercantile Bank Building  
Dallas, Texas 75206

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

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

Phillips Petroleum Company  
Attention: N. N. Beckner  
7800 East Dorado Place  
Englewood, Colorado 80111

Mrs. Iris Gerber Damson  
25 Mamaroneck Road  
Scarsdale, New York 10583

Amoco Production Company  
Attention: Mr. A. M. Roney  
1670 Broadway, Suite 750  
Amoco Building  
Denver, Colorado 80202

THIRD EXPANDED PARTICIPATING AREA FOR THE FRUITLAND FORMATION  
SAN JUAN 32-7 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
F 078996	T-31N-R7W Sec. 3: NW/4SE/4	40.00	Royalty Working Interest: Northwest Pipeline Corporation ORRI	TRACT 10	12.50% 82.50% 5.00% 100.00%	12.50% 32.50% 5.00% 100.00%	5.263158
F 078998	T-31N-R7W Sec. 17: E/2 T-32N-R7W Sec. 33: E/2 SE/4	400.00	Royalty Working Interest: Northwest Pipeline Corporation ORRI	TRACT 11	12.50% 82.50% 5.00% 100.00%	12.50% 82.50% 5.00% 100.00%	52.631579
ee	T-32N-R7W Sec. 18: The East 441 feet of NE/4 NE/4	13.36	Royalty Working Interest: Northwest Pipeline Corporation ORRI	TRACT 21	12.50% 87.50% 0.00% 100.00%	12.50% 87.50% 0.00% 100.00%	1.757895
ee	T-32N-R7W Sec. 18: West 879 feet of NE/4 NE/4 W/2 NE/4, SE/4 NE/4, SE/4	306.64	Royalty Working Interest: Northwest Pipeline Corporation ORRI	TRACT 22	12.50% 87.50% 3.00% 100.00%	12.50% 87.50% 3.00% 100.00%	40.347368

Effective September 1, 1978

17 AREA EXPANSION SCHEDULE

SCHEDULE IV

THIRD EXPANDED PARTICIPATING AREA FOR THE FRUITLAND FORMATION  
SAN JUAN 32-7

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
ac	T-31N-R7W Sec. 3: E/2 SW/4, SW/4 SE/4	120.00	Royalty Working Interest: Palmer Oil & Gas ORRI	TRACT 26	20.0000%	00.00%	0.0000000%
<u>RECAPITULATION</u>							
	Township 31 North, Range 7 West						
	Section 3: E/2 SW/4, W/2 SE/4						
	Section 17: E/2						
	Township 32 North, Range 7 West						
	Section 18: E/2						
	Section 33: E/2 SE/4						
	TOTAL NUMBER OF ACRES IN PARTICIPATING AREA					880.00	
	TOTAL NUMBER OF ACRES COMMITTED IN PARTICIPATING AREA					760.00	
	TOTAL NUMBER OF ACRES NOT COMMITTED TO PARTICIPATING AREA					120.00	

FOURTH EXPANDED PARTICIPATING AREA FOR THE FRUITLAND FORMATION  
SAN JUAN 32-7 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTING PARTICIPANT
SF 078542	T-32N-R7W	480.00	TRACT 5 Royalty Working Interest: Northwest Pipeline Corporation ORRI		12.50%		27.906977
	Sec. 34: NE/4				80.00%	80.00%	
	Sec. 35: S/2				7.50%	7.50%	
					100.00%	100.00%	
SF 078543	T-32N-R7W	320.00	TRACT 6 Royalty Working Interest: Northwest Pipeline Corporation ORRI		12.50%		18.604651
	Sec. 35: N/2				82.50%	82.50%	
					5.00%	5.00%	
					100.00%	100.00%	
F 078996	T-31N-R7W	40.00	TRACT 10 Royalty Working Interest: Northwest Pipeline Corporation ORRI		12.50%		2.325581
	Sec. 3: NW/4 SE/4				82.50%	82.50%	
					5.00%	5.00%	
					100.00%	100.00%	
F 078998	T-31N-R7W	560.00	TRACT 11 Royalty Working Interest: Northwest Pipeline Corporation ORRI		12.50%		32.558140
	Sec. 17: E/2				82.50%	82.50%	
	T-32N-R7W				5.00%	5.00%	
	Sec. 33: E/2 SE/4				100.00%	100.00%	
	Sec. 34: SE/4						

FOURTH EXPANDED PARTICIPATING AREA FOR THE FRUHLAND FORMATION  
SAN JUAN 32-7 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
3e	T-32N-R7W Sec. 18: The East 441 feet of NE/4 NE/4	13.36	ROYALTY Working Interest: Northwest Pipeline Corporation ORRI	TRACT 21	12.50% 87.50% 0.00% 100.00%	12.50% 87.50% 0.00% 100.00%	.776744
3c	T-32N-R7W Sec. 18: West 879 feet of NE/4 NE/4 W/2 NE/4, SE/4 NE/4, SE/4	306.64	ROYALTY Working Interest: Northwest Pipeline Corporation ORRI	TRACT 22	12.50% 87.50% 3.00% 100.00%	12.50% 87.50% 3.00% 100.00%	17.827907
3e	T-31N-R7W Sec. 3: E/2 SW/4 SW/4SE/4	120.00	ROYALTY Working Interest: Palmer Oil & Gas ORRI	TRACT 26	20.000% 80.000% 0.000% 100.000%	00.00% 80.00% 0.00% 100.00%	00.000000%
<u>RECAPITULATION</u>							
Township 31 North, Range 7 West							
Section 3: Lots 5, 6, 7, 8, SW/4, W/2SE/4							
Section 17: E/2							
Township 32 North, Range 7 West							
Section 18: E/2							
Section 33: E/2 SE/4							
Section 34: E/2							
Section 35: All							

FOURTH EXPANDED PARTICIPATING AREA FOR THE FRUITLAND FORMATION  
SAN JUAN 32-7 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
<u>RECAPITULATION</u> (continued)							
	TOTAL NUMBER OF ACRES IN PARTICIPATING AREA					1840.00	
	TOTAL NUMBER OF ACRES COMMITTED IN PARTICIPATING AREA					1720.00	
	TOTAL NUMBER OF ACRES NOT COMMITTED TO PARTICIPATING AREA					120.00	