



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

50 YEARS



1935 - 1985

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

April 9, 1985

Northwest Pipeline Corporation
P.O. Box 1526
Salt Lake City, Utah 84110-1526

Attention: Darrell L. Gillen

Re: San Juan 32-7 Unit No.
14-08-001-441
San Juan County, NM
1985 Drilling Program

Dear Mr. Gillen:

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

Sincerely,

ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dp

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

LAND DEPARTMENT

P. O. BOX 1526
SALT LAKE CITY, UTAH 84110 1526
801-584-7215

241-85

March 29, 1985

Assistant Area Oil and Gas Supervisor
Bureau of Land Management
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, NM 87102

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

State of New Mexico
Oil Conservation Commission
Attn: Richard L. Stamets
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 32-7 Unit #14-08-001-441
San Juan County, New Mexico
1985 Drilling Program

Gentlemen:

By letter dated April 16, 1984, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit providing for the drilling of no wells.

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

Fruitland, commercial	2
Dual Fruitland/Pictured Cliffs, commercial	1
Pictured Cliffs, commercial	8
Pictured Cliffs, non-commercial	4
Pictured Cliffs, plugged and abandoned	1
Pictured Cliffs/Mesaverde, commerciality undetermined	5
Mesaverde, commercial	30

Assistant Area Oil and Gas Supervisor
 Commissioner of Public Lands
 Oil Conservation Commission
 San Juan 32-7 Unit
 March 29, 1985
 Page -2-

Mesaverde, plugged and abandoned	2
Dual Mesaverde/Dakota:	
commercial:	1
plugged back to Mesaverde	1
non-commercial in Dakota	2
Dakota, commercial	10
Dakota, commerciality undetermined	6
Dakota, non-commercial	<u>2</u>
Total	75

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 additional wells during the calendar year 1985.

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
#83	W/2 Section 28, T32N, R7W	Pictured Cliffs/Mesaverde

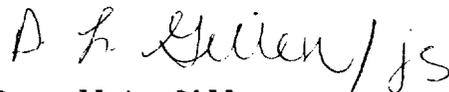
Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

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,

NORTHWEST PIPELINE CORPORATION



Darrell L. Gillen
 Land Coordinator

DLG:js

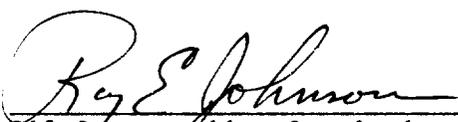
Attachment

cc: Working Interest Owners

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 32-7 Unit
March 29, 1985
Page -3-

APPROVED: _____ Date _____
Assistant Area Oil and Gas Supervisor
Minerals Management Service
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
Minerals Management Service and
the Oil Conservation Commission

APPROVED:  _____ Date 4-9-85
Oil Conservation Commission
Subject to like approval by the
Minerals Management Service and
the Commissioner of Public Lands

The foregoing approvals are for the 1985 Drilling Program for the San Juan
32-7 #14-08-001-441.

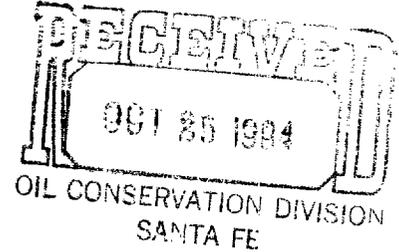
NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES

#420

P.O. BOX 1526
SALT LAKE CITY, UTAH 84110-1526
801-583-8800

October 18, 1984

Assistant Area Oil & Gas Supervisor
Bureau of Land Management
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, NM 87102



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

State of New Mexico
Oil Conservation Commission
Attn: Mr. Richard L. Staments
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 32-7 Unit #14-08-001-441
Rio Arriba County, New Mexico
CORRECTED NOTICE OF COMPLETION OF AN
ADDITIONAL WELL IN THE PICTURED CLIFFS
FORMATION

Gentlemen:

Please make the following correction on the Notice of Completion dated September 13, 1984, on the above referenced well. The legal description reads Township 32 North, it should read Township 31 North.

We apologize for any inconvenience this might have caused you.

Sincerely,

Warren O. Curtis
Manager, Land/Proration

WOC:bh
cc: All Working Interest Owners
San Juan 32-7 Unit

99-5-13

SAN JUAN 32-7 UNIT
WORKING INTEREST OWNERS

Mr. J. Glenn Turner, Jr.
1700 Mercantile National Bank Building
Dallas, Texas 75201

Mr. Fred E. Turner
One Energy Square - Suite 852
4925 Greenville Avenue
Dallas, Texas 75206

Elizabeth T. Calloway
4801 St. Johns Drive
Dallas, Texas 75206

Mercantile National Bank of Dallas, Trustee
Mary Frances Turner, Jr.
Personal Trust Department
P. O. Box 225415
Dallas, Texas 75206

Phillips Oil Company
Attn: T. C. Doughty
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

El Paso Natural Gas Company
Attn: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79978

Phillips Petroleum Company
Attn: T. C. Doughty
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

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

0050t



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

#4120

TONEY ANAYA
GOVERNOR

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

October 12, 1984

Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City, Utah 84110-1526

Attention: Warren O. Curtis

Re: San Juan 32-7 Unit
#14-08-001-441
Rio Arriba County,
NM, NOTICE OF COMPLE-
TION OF ADDITIONAL WELL
Pictured Cliffs Formation

Dear Mr. Curtis:

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

Sincerely,

ROY E. JOHNSON
Petroleum Geologist

REJ/dp

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

NORTHWEST PIPELINE CORPORATION 
ONE OF THE WILLIAMS COMPANIES

P.O. BOX 1526
SALT LAKE CITY, UTAH 84110-1526
801-583-8800

5140-215-84/26720

September 13, 1984

Re: San Juan 32-7 Unit #14-08-001-441
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF
ADDITIONAL WELL
Pictured Cliffs Formation

Assistant Area Oil and Gas Supervisor
Bureau of Land Management
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, NM 87102

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

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

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 32-7 Unit Agreement, Northwest Pipeline, as Unit Operator, has determined that the following described well is capable of producing unitized substances in paying quantities from the Pictured Cliffs formation.

The well data is as follows:

The San Juan 32-7 Unit #80 Well is located 1695 feet from the south line and 660 feet from the west line, Section 3, Township 32 North, Range 7 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on October 17, 1982. The Pictured Cliffs formation was completed on November 19, 1982. The Pictured Cliffs formation was perforated with 16 holes at the following depths:

3510', 3520', 3530', 3540', 3550', 3560', 3612', 3620'
3634', 3640', 3650', 3656', 3664', 3670', 3682', 3688'

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page 2
September 13, 1984

These perforations were treated with 82,236 gallons pad water followed by 67,000 pounds of 10/20 sand. The well was tested on December 1, 1982, using a positive choke in a three hour test. The well was tested at a 4010 MCFD flow rate with a calculated AOF of 4323 MCFD. The ISIP was measured at 1494 psig.

Since this well was drilled within the existing Pictured Cliffs Participating Area, the Participating Area is not affected by virtue of this commercial well and the percentages of participation remain the same.

If this determination meets with your approval, please so indicate such approval in the space provided and return an approved copy for our files. Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

Warren O. Curtis
Proration/Land

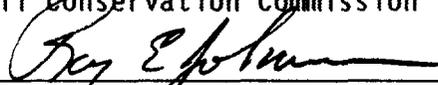
jawc
cc: Working Interest Owners

APPROVED _____
Area Oil and Gas Supervisor
Bureau of Land Management
Subject to like approval by the
Commissioner of Public Lands and the
Oil Conservation Commission

DATE _____

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

DATE _____

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

DATE 10-12-84

SAN JUAN 32-7 UNIT
WORKING INTEREST OWNERS

Mr. J. Glenn Turner, Jr.
1700 Mercantile National Bank Building
Dallas, Texas 75201

Mr. Fred E. Turner
One Energy Square - Suite 852
4925 Greenville Avenue
Dallas, Texas 75206

Elizabeth T. Calloway
4801 St. Johns Drive
Dallas, Texas 75206

Mercantile National Bank of Dallas, Trustee
Mary Frances Turner, Jr.
Personal Trust Department
P. O. Box 225415
Dallas, Texas 75206

Phillips Oil Company
Attn: T. C. Doughty
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

El Paso Natural Gas Company
Attn: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79978

Phillips Petroleum Company
Attn: T. C. Doughty
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

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

0050t



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

#420

TONEY ANAYA
GOVERNOR

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

October 12, 1984

Northwest Pipeline Corporation
P.O. Box 1526
Salt Lake City, Utah 84110-1526

Attention: Warren O. Curtis

Re: San Juan 32-7 Unit
#14-08-001-441
Rio Arriba County,
NM, NOTICE OF COMPLE-
TION OF ADDITIONAL WELLS
Mesaverde Formation

Dear Mr. Curtis:

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

Sincerely,

ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dp

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

NORTHWEST PIPELINE CORPORATION 
ONE OF THE WILLIAMS COMPANIES

P.O. BOX 1526
SALT LAKE CITY, UTAH 84110-1526
801-583-8800

5140-215-84/26720

September 13, 1984

Re: San Juan 32-7 Unit #14-08-001-441
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF
ADDITIONAL WELLS
Mesaverde Formation

Assistant Area Oil and Gas Supervisor
Bureau of Land Management
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, NM 87102

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

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

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 32-7 Unit Agreement, Northwest Pipeline, as Unit Operator, has determined that the following described wells are capable of producing unitized substances in paying quantities from the Mesaverde formation.

The well data is as follows:

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page 2
September 13, 1984

The San Juan 32-7 Unit Com #81 Well is located 940 feet from the north line and 1080 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 October 8, 1982. The Mesaverde formation was completed on November 20, 1982. The Mesaverde formation was perforated with 25 holes at the following depths:

5588', 5592', 5760', 5768', 5788', 5798', 5883', 5888', 5892',
5896', 5904', 5910', 5916', 5920', 5932', 5936', 5944', 5948',
5952', 5971', 5976', 5982', 5987', 5994', 6004'

These perforations were treated with 93,156 gallons pad water followed by 80,000 pounds of 20/40 sand. The well was tested on December 3, 1982, using a positive choke in a three hour test. The well was tested at a 2584 MCFD flow rate with a calculated AOF of 3047 MCFD. The ISIP was measured at 1153 psig.

The San Juan 32-7 Unit #46 Well is located 1080 feet from the north line and 1540 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 October 25, 1982. The Mesaverde formation was completed on November 28, 1982, with a dual completion in the Pictured Cliffs formation. The Mesaverde formation was perforated with 18 holes at the following depths:

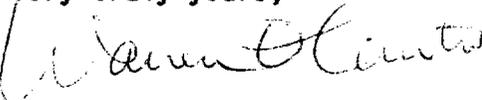
5742', 5748', 5779', 5785', 5900', 5912'
6027', 6034', 6049', 6046', 6058', 6065',
6070', 6075', 6084', 6090', 6098', 6104'

These perforations were treated with 61,736 gallons pad water followed by 80,000 pounds of 20/40 sand. The well was tested on December 13, 1982, using a positive choke in a three hour test. The well was tested at a 2139 MCFD flow rate with a calculated AOF of 2285 MCFD. The ISIP was measured at 1187 psig.

Since these wells were drilled within the existing Mesaverde Participating Area, the Participating Area is not affected by virtue of these commercial wells and the percentages of participation remain the same.

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page 3
September 13, 1984

If these determinations meets with your approval, please so indicate such approval in the space provided and return an approved copy for our files. Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

Warren O. Curtis
Proration/Land

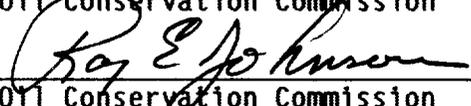
jawc
cc: Working Interest Owners

APPROVED _____
Area Oil and Gas Supervisor
Bureau of Land Management
Subject to like approval by the
Commissioner of Public Lands and the
Oil Conservation Commission

DATE _____

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

DATE _____

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

DATE 10-12-84

Northwest Pipeline Corporation
Attention: Mr. Darrell L. Gillen
P.O. Box 1526
Salt Lake City, Utah 84110

MAY 18 1984

Dear Mr. Gillen:

Your 1984 Plan of Development for the San Juan 32-7 Unit No. 14-08-001-441, proposing the drilling of no wells during the calendar year of 1984, and plans to drill any offset wells required to prevent drainage of unitized substances, has been received by this office. This Plan of Development is hereby approved. You are requested to furnish all interested principals with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

For District Manager

Enclosure

cc:
NMOCD
Commissioner Public Lands
Micrographics
Fluids Section (FRAH w/encl.)
File: San Juan 32-7 Unit - POD File
O&G Chrono

015:JGilmore:sj:5/17/84:0740P

015:JGilmore:sj:5/17/84:0740P

NOV 21 1964

(GRANT FORD) JAMES W. SHULTON

#420

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

May 11, 1984

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

Northwest Pipeline Corporation
1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202

Re: Corrected Copy of
San Juan 32-7 Unit
Seventh Expanded Participating Area
Pictured Cliffs Formation
Effective January 1, 1982
San Juan County, New Mexico

ATTENTION: Kathy Michael

Gentlemen

This office is in receipt of your letter dated March 30, 1984, along with a corrected copy of your letter dated January 27, 1984 and the Unit Expansion Schedule VIII regarding the above-captioned unit as to the effective date correction to January 1, 1982.

This effective date revision to January 1, 1982, has this date been accepted and filed in our unit file.

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

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/EOP/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BEM-Albuquerque, New Mexico
BEM-Roswell, New Mexico Attn: Mr. Armando Lopez
OCAC-Santa Fe, New Mexico

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands
May 11, 1984

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

Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City, Utah 84110-1526

Re: 1984 Drilling Program
San Juan 32-7 Unit
San Juan County, New Mexico

ATTENTION: Mr. Darrell L. Gillen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Drilling Program for the San Juan 32-7 Unit area, San Juan County, New Mexico. Such program calls for the drilling of no wells to be drilled during the calendar year 1984. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/RDG/pm
encls.

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

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

MAY 03 1984

Gentlemen:

Enclosed is one copy of the Seventh Revision to the Pictured Cliffs
Participating Area, San Juan 32-7 Unit, San Juan County, New Mexico. The
Seventh Revision is hereby accepted for record on this date and is effective
as of January 1, 1982.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

For District Manager

Enclosure

cc:

NMOCD

Comm. of Public Land

Micrographics (w/encl.)

Fluids Section (FRAH-w/encl.)

AOD-PAB-LAC, Denver (w/schedule)

File: San Juan 32-7 (PC PA)

O&G Chrono

015:KSayles:ir:05/01/84:0232B

NORTHWEST PIPELINE CORPORATION 
ONE OF THE WILLIAMS COMPANIES
Land Department
P.O. BOX 1526
SALT LAKE CITY, UTAH 84110-1526
801-583-8800

April 16, 1984

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

Re: San Juan 32-7 Unit #14-08-001-441
San Juan County, New Mexico
1984 Drilling Program

Gentlemen:

By letter dated May 6, 1983, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit providing for the drilling of one (1) Mesaverde Well. This well was not drilled and has been dropped from the drilling program.

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

Fruitland, commercial	2
Dual Fruitland/Pictured Cliffs, commercial	1
Pictured Cliffs, commercial	7
Pictured Cliffs, commerciality undetermined	1
Pictured Cliffs, noncommercial	4
Pictured Cliffs, plugged and abandoned	1
Pictured Cliffs/Mesaverde, commerciality undetermined	5
Mesaverde, commercial	28
Mesaverde, commerciality undetermined	2

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 32-7 Unit
April 16, 1984
Page 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	12
Dakota, noncommercial	2

Total

75

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 that no wells be drilled during the calendar year 1984.

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,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Land Coordinator

am

Attachment

cc: Working Interest Owners

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 32-7 Unit
April 16, 1984
Page 3

APPROVED: _____
Assistant Area Oil and Gas Supervisor
Minerals Management Service
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

Date _____

APPROVED: _____
Commissioner of Public Lands
Subject to like approval by the
Minerals Management Service and
the Oil Conservation Commission

Date _____

APPROVED: *Roy E Johnson*
Oil Conservation Commission
Subject to like approval by the
Minerals Management Service and
the Commissioner of Public Lands

Date 4-26-84

The foregoing approvals are for the 1984 Drilling Program for the San Juan
32-7 Unit #14-08-001-441.

SAN JUAN 32-7 UNIT
WORKING INTEREST OWNERS

Mr. J. Glenn Turner, Jr.
1700 Mercantile National Bank Building
Dallas, Texas 75201

Mr. Fred E. Turner
One Energy Square - Suite 852
4925 Greenville, Avenue
Dallas, Texas 75206

Elizabeth T. Calloway
4801 St. Johns Drive
Dallas, Texas 75206

Mercantile National Bank of Dallas, Trustee
Mary Frances Turner, Jr.
Personal Trust Department
P. O. Box 225415
Dallas, Texas 75206

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

El Paso Natural Gas Company
Attn: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79978

Phillips Petroleum Company
Attn: M. K. Study
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

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

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands
March 16, 1984

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

Northwest Pipeline Corporation
1125 17th Street, Suite 2140
Denver, Colorado 80202

Re: San Juan 32-7 Unit
San Juan County, New Mexico
Seventh Expanded Participating
Area, Pictured Cliffs Formation
Effective January 1, 1981

ATTENTION: Ms. Kathy Michael

Gentlemen:

This office in receipt of your letter dated January 27, 1984, reflecting the Seventh Expanded Participating Area, for the Pictured Cliffs Formation for the San Juan 3207 Unit, San Juan County, New Mexico.

Inasmuch as this requires no official approval, we have this date filed two copies in our unit files. Enclosed is one copy for your files reflecting the date received in this office.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/RDG/pm
encls.

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

NORTHWEST PIPELINE CORPORATION

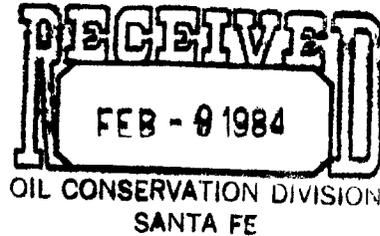
LAND DEPARTMENT

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

January 27, 1984

420

Assistant Area Oil and Gas Supervisor
Bureau of Land Management
Attn: Fluids Branch
P. O. Box 6770
Albuquerque, New Mexico 87107



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

Re: San Juan 32-7 Unit #14-08-001-441
San Juan ~~County~~, New Mexico
SEVENTH EXPANDED PARTICIPATING AREA
PICTURED CLIFFS FORMATION
Effective January 1, 1981

Gentlemen:

Pursuant to Section 11(a) of the San Juan 32-7 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the date indicated below that a well capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation was completed on acreage committed to this Unit and that the Participating Area for the Pictured Cliffs Formation should be expanded as follows:

SEVENTH EXPANDED PARTICIPATING AREA - Effective January 1, 1981

<u>Drilling Block</u>	<u>Acres</u>	<u>Well Name and Number</u>
<u>Township 32 North, Range 7 West</u> <u>Section 27: E/2</u>	320.00	San Juan 32-7 Unit #75 (PC)

Bureau of Land Management - Fluids Branch
Commissioner of Public Lands
Oil Conservation Commission
January 27, 1984
Page Two

The pertinent data is as follows:

The San Juan 32-7 Unit No. 75 Well is located 970 feet from the South Line and 860 feet from the East Line, Section 27, Township 32 North, Range 7 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on July 16, 1981 and completed on December 7, 1981 in the Pictured Cliffs Formation at a plug back depth of 3830'. The Pictured Cliffs Formation was perforated with 12 holes at depths of:

3556' - 3738'

These perforations were treated with 10,000 gal pad of treated water followed by a sand-water fracturing. The well was shut in with a SIPT of 1480 psig and SIPC of 1481 psig. On December 7, 1983, the well was tested and after flowing for three (3) hours through a 2 x .750 inch variable choke on the 1 1/4 inch tubing, the well gauged 3105 MCFD with a calculated AOF of 5663 MCFD.

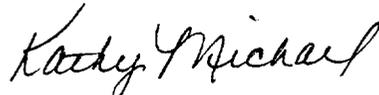
*566 MCFD
likely
FC@5663
7???*

~~_____~~
This well has been determined to be commercial.

Enclosed is Schedule VIII and ownership map showing the Seventh Expanded Participating Area for the Pictured Cliffs formation of the San Juan 32-7 Unit. The Schedule describes the Seventh Expanded Participating Area and shows the percentage of unitized substances allocated to each tract. Inasmuch as this needs no official approval, no provision is made therefor and in the absence of disapproval, the captioned Seventh Expanded Participating Area will become effective as set forth herein.

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

Very truly yours,



Kathy Michael
Supervisor/Land Department

KM:st
Enclosures
cc: Working Interest Owners

SAN JUAN 32-7 UNIT
WORKING INTEREST OWNERS

Mr. J. Glenn Turner, Jr. ✓
1700 Mercantile National Bank Building
Dallas, Texas 75201

Mr. Fred E. Turner ✓
One Energy Square - Suite 852
4925 Greenville Avenue
Dallas, Texas 75206

Elizabeth T. Calloway ✓
4801 St. Johns Drive
Dallas, Texas 75206

Mercantile National Bank of Dallas, Trustee ✓
Mary Frances Turner, Jr.
Personal Trust Department
P. O. Box 225415
Dallas, Texas 75206

Phillips Oil Company
Attn: T. C. Doughty ?
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

El Paso Natural Gas Company
Attn: Mr. James R. Permenter ✓
P. O. Box 1492
El Paso, Texas 79978

Phillips Petroleum Company
Attn: T. C. Doughty ?
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

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

SCHEDULE VIII
SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 32-7 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
USA SF-078472	T-32-N, R-7-W Sec. 27: NE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	<u>TRACT 3</u>	12.500000%	12.500000%	<u>5.875031%</u>
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
				<u>TRACT 5</u>			
USA SF-078542	T-32-N, R-7-W Sec. 34: N/2 Sec. 35: S/2	640.00	Royalty; Working Interest; Northwest Pipeline Corp.; Gen. Am. Oil of Texas ORRI;		12.500000%	12.500000%	<u>23.500123%</u>
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
				<u>TRACT 6</u>			
USA SF-078543	T-32-N, R-7-W Sec. 27: SE/4 Sec. 33: N/2 Sec. 35: N/2	800.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	<u>29.375154%</u>
			Total		<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE VIII
SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 32-7 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 10</u>							
USA SF-078996	T-31-N, R-7-W Sec. 3: Lots 5,6, 7,8; N/2SE/4, W/2SW/4 Sec. 4: Lot 5, E/2SE/4, SW/4SE/4	403.39	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI		12.500000%	12.500000%	<u>14.812054%</u>
<u>TRACT 11</u>							
USA SF-078998	T-32-N, R-7-W Sec. 33: E/2SE/4 Sec. 34: S/2	400.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	<u>14.687577%</u>
<u>TRACT 17-A</u>							
State of NM E-503-9	T-32-N, R-7-W Sec. 32: E/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	<u>11.750061%</u>
Total					<u>100.000000%</u>	<u>100.000000%</u>	

SCHEDULE VIII
 SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
 SAN JUAN 32-7 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
				<u>TRACT 26</u>			
Fee	T-31-N, R-7-W Sec. 3: E/2SW/4, S/2SE/4	160.00					00.0000000%
	Royalty;				20.0000000%	20.0000000%	
	Working Interest;				80.0000000%	80.0000000%	
	Palmer Oil and Gas				00.0000000%	00.0000000%	
	ORRI;				100.0000000%	100.0000000%	
	Total				<u>100.0000000%</u>	<u>100.0000000%</u>	

SCHEDULE VIII
 SEVENTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
 SAN JUAN 32-7 UNIT AREA

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

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>Township 31 North, Range 7 West, N.M.P.M.</u>							
Section 3:	Lots 5,6,7,8, S/2						
Section 4:	Lot 5, E/2SE/4, SW/4SE/4						
<u>Township 32 North, Range 7 West, N.M.P.M.</u>							
Section 27:	E/2						
Section 32:	E/2						
Section 33:	E/2SE/4, N/2						
Section 34:	A11						
Section 35:	A11						
Total Number of Acres in Participating Area						2,883.39	
Total Number of Acres Committed to Participating Area						2,723.39	
Total Number of Acres Not Committed to Participating Area						160.00	