

361

NORTHWEST PIPELINE CORPORATION

LAND DEPARTMENT

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

March 20, 1984



Assistant Area Oil and Gas Supervisor
Bureau of Land Management
Attn: Fluids Branch
P. O. Box 6770
Albuquerque, NM 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: Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1984 Drilling Program

Gentlemen:

By letter dated May 2, 1983, 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 Cox Canyon Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	20
Mesaverde, Commercial	<u>18</u>
Total	38

Pursuant to Section 10 of the Cox Canyon Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1984.

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Cox Canyon 1984 Drilling Program
March 20, 1984
Page -2-

All of the Working Interest Owners have been contacted and this Drilling Program reflects the desires of a majority of the Working Interest Owners. Northwest Pipeline Corporation, as Unit Operator, and the Working Interest Owners believe that all current obligations have been satisfied.

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
Supervisor/Land Department

KM:st
Attachments
cc: Working Interest Owners

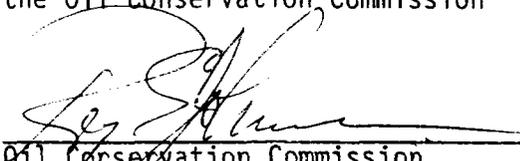
Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Cox Canyon 1984 Drilling Program
March 20, 1984
Page -3-

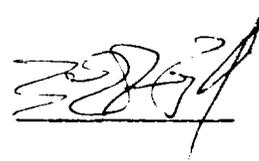
APPROVED: _____
Assistant Area Oil and Gas Supervisor
Bureau of Land Management-Fluids Branch
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

Date _____

APPROVED: _____
Commissioner of Public Lands
Subject to like approval by the
Bureau of Land Management-Fluids Branch and
the Oil Conservation Commission

Date _____

APPROVED:  _____
Oil Conservation Commission
Subject to like approval by the
Bureau of Land Management-Fluids Branch and
the Commissioner of Public Lands

Date  _____

The foregoing approvals are for the 1984 Drilling Program for the Cox Canyon
Unit #1, Sec. No. 946, San Juan County, New Mexico.

COX CANYON UNIT
WORKING INTEREST OWNERS

Atlantic Richfield Company
Att: Mr. W. A. Walther, Jr.
717 17th Street - Suite 1201
P. O. Box 5540
Denver, Colorado 80217

Continental Oil Company
Attn: M. K. Mosley
P. O. Box 460
Hobbs, New Mexico 88240

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

Gas Producing Enterprises, Inc.
Attn: North Region Land Department
2100 Prudential Plaza
P. O. Box 749
Denver, Colorado 80291

Tenneco Oil Company
Attn: Mr. R. J. Gibb
P. O. Box 3249
Englewood, Colorado 80155

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

April 26, 1984

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

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

Re: Cox Canyon Unit
1984 Drilling Program
San Juan County, New Mexico

ATTENTION: Ms. Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Drilling program for the Cox Canyon Unit Area, San Juan County, New Mexico. Such program provides for the drilling of no wells during the calendar year of 1984. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

The Bureau of Land Management has notified this office that a possibility might exist of drainage by wells outside of the unit boundary. Please advise this office as to any further developments in regards to any drainage.

Enclosed is an approved copy for your files.

Very truly yours,

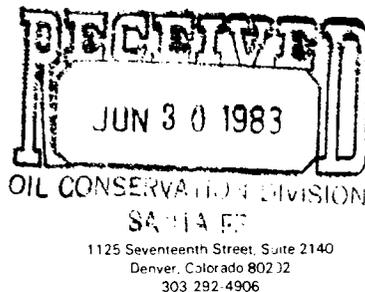
JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

NORTHWEST PIPELINE CORPORATION



LAND DEPARTMENT

June 24, 1983

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: Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1983 Drilling Program

Gentlemen:

The 1983 Drilling Program filed on May 2, 1983, for the Cox Canyon Unit has been approved by the regulatory agencies as follows:

Minerals Management Service	6/24/83
Commissioner of Public Lands	5/06/83
Oil Conservation Commission	5/16/83

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

Very truly yours,


Kathy Michael
Supervisor/Land Department

KM:bs
Attachment
CC: Working Interest Owners

COX CANYON UNIT
WORKING INTEREST OWNERS

Atlantic Richfield Company
Att: Mr. W. A. Walther, Jr.
717 17th Street - Suite 1201
P. O. Box 5540
Denver, Colorado 80217

Continental Oil Company
Attn: M. K. Mosley
P. O. Box 460
Hobbs, New Mexico 88240

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

Gas Producing Enterprises, Inc.
Attn: - North Region Land Department
2100 Prudential Plaza
P. O. Box 749
Denver, Colorado 80291

Tenneco Oil Company
Attn: Mr. R. J. Gibb
P. O. Box 3249
Englewood, Colorado 80155



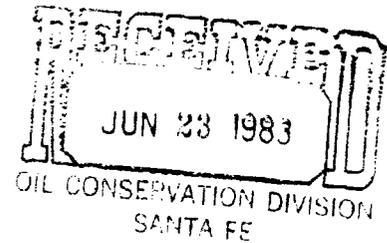
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

3100 (010-37)

505 Marquette Avenue N.W., Suite 815
Albuquerque, New Mexico 87102

IN REPLY
REFER TO:



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

Gentlemen:

An approved copy of your 1983 plan of development for the Cox Canyon unit area, San Juan County, New Mexico, is enclosed. Such plan, proposing the drilling of no wells during 1983 was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

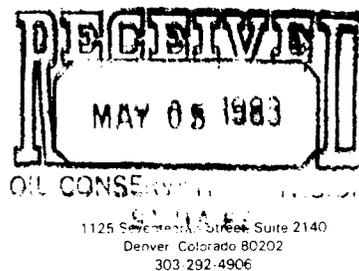
Sincerely yours,

James W. Shelton
Assistant District Manager
for Minerals

Enclosure

cc:
Comm. of Pub. Lands
NMOCD
Farmington RA (w/encl.)

NORTHWEST PIPELINE CORPORATION



LAND DEPARTMENT

May 2, 1983

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

*Case
361*

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: Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1983 Drilling Program

Gentlemen:

By letter dated March 31, 1982, 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 Cox Canyon Unit on acreage committed to the Unit is as follows:

Pictured Cliffs, Commercial	20
Mesaverde, Commercial	<u>18</u>
Total	38

Pursuant to Section 10 of the Cox Canyon Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1983.

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Cox Canyon 1983 Drilling Program
May 2, 1983
Page 2

All of the Working Interest Owners have been contacted and this Drilling Program reflects the desires of a majority of the Working Interest Owners. Northwest Pipeline Corporation, as Unit Operator, and the Working Interest Owners believe that all current obligations have been satisfied.

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
Supervisor/Land Department

KM:bs
Attachments
CC: Working Interest Owners

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Cox Canyon 1983 Drilling Program
May 2, 1983
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:  _____
Oil Conservation Commission
Subject to like approval by the
Minerals Management Service and
the Commissioner of Public Lands

Date 5-16-83

The foregoing approvals are for the 1983 Drilling Program for the Cox Canyon
Unit I, Sec. No. 946, San Juan County, New Mexico.

COX CANYON UNIT
WORKING INTEREST OWNERS

Atlantic Richfield Company
Att: Mr. W. A. Walther, Jr.
717 17th Street - Suite 1201
P. O. Box 5540
Denver, Colorado 80217

Continental Oil Company
Attn: M. K. Mosley
P. O. Box 460
Hobbs, New Mexico 88240

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

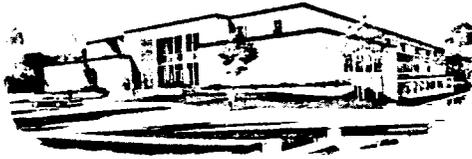
Gas Producing Enterprises, Inc.
Attn: North Region Land Department
2100 Prudential Plaza
P. O. Box 749
Denver, Colorado 80291

Tenneco Oil Company
Attn: Mr. R. J. Gibb
P. O. Box 3249
Englewood, Colorado 80155

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

May 6, 1983

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

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

Re: 1983 Drilling Program
Cox Canyon Unit
San Juan County, New Mexico

ATTENTION: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Drilling program for the Cox Canyon Unit Agreement, San Juan County, New Mexico. Such program calls for the drilling of no wells during the calander year 1983. 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.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

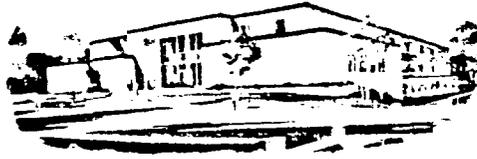
JB/RDG/pm
encls.
ccl

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

June 11, 1982

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501
87504-1148

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

Re: Cox Canyon Unit
1982 Drilling Program
San Juan County, New Mexico

ATTENTION: Kathy Michaels

Gentlemen:

The Commissioner of Public Lands has this date approved your 1982 Drilling Program for the Cox Canyon Unit Agreement, San Juan County, New Mexico. Such program calls for the drilling no wells during the calendar year 1982. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the United States Minerals Management Service.

Enclosed is one approved copy for your files.

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:
FLOYD O. PRANDO Assistant Director
Oil and Gas Division
AC 505/827-2748

AJA/FOP/pm
encls.
cc:

OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico



United States Department of the Interior

OFFICE OF THE SECRETARY

Minerals Management Service South Central Region

505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

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

Gentlemen:

An approved copy of your 1982 plan of development for the Cox Canyon Unit Area, San Juan County, New Mexico, is enclosed. Such plan, proposing to drill no new wells during 1982, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility might exist of drainage by wells outside of the unit boundary. You will be contacted by our Development Unit about this possibility.

Sincerely yours,

Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosure

cc:
Comm. of Public Lands, Santa Fe
NMOC, Santa Fe



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

April 19, 1982

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

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

Attention: Kathy Michael

Re: 1982 Plan of Development for
Cox Canyon Unit, San Juan
County, New Mexico

Dear Ms. Michael:

The New Mexico Oil Conservation Division has this date approved your 1982 Plan of Development for the Cox Canyon Unit, San Juan County, New Mexico. Our approval is subject to like approval by the Minerals Management Service and the Commissioner of Public Lands of the State of New Mexico.

Sincerely,

W. PERRY PEARCE
General Counsel

WPP/dr

cc: Minerals Management Service - Albuquerque
Commissioner of Public Lands - Santa Fe

NORTHWEST PIPELINE CORPORATION

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

March 31, 1982

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

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: Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1982 Drilling Program

By letter dated February 6, 1981, 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 Cox Canyon Unit on acreage committed to the unit is as follows:

Pictured Cliffs, Commercial	18
Mesaverde, Commercial	<u>18</u>
TOTAL	36

Pursuant to Section 10 of the Cox Canyon Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1982.

Regulatory Agencies
March 31, 1982
Page Two

All of the Working Interest Owners have been contacted and this Drilling Program reflects the desires of a majority of the Working Interest Owners. Northwest Pipeline Corporation, as Unit Operator, and the Working Interest Owners believe that all current obligations have been satisfied.

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other well 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:bjt

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 _____
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 Cox Canyon Unit I, Sec. No. 946, San Juan County, New Mexico 1982 Drilling Program.

COX CANYON UNIT

Working Interest Owners

Atlantic Richfield Company
Attention: Mr. W. A. Walther, Jr.
717 - 17th Street, Suite 1201
Post Office Box 5540
Denver, Colorado 80217

Continental Oil Company
Attention: Mr. L. P. Thompson
Post Office Box 460
Hobbs, New Mexico 88240

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

Gas Producing Enterprises, Inc.
Attention: North Region Land Department
2100 Prudential Plaza
Post Office Box 749
Denver, Colorado 80201

Tenneco Oil Company
Attention: Mr. R. J. Gibb
Post Office Box 3249
Englewood, Colorado 80155

NORTHWEST PIPELINE CORPORATION

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

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

April 3, 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

36'

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: Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1981 Drilling Program

The 1981 Drilling Program filed on February 6, 1981 for the Cox Canyon Unit I, Sec. No. 946 has been approved by the regulatory agencies as follows:

Oil Conservation Commission	02-17-81
Commissioner of Public Lands	02-25-81
U. S. Geological Survey	03-25-81

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
STATE OF NEW MEXICO
April 3, 1981
Page 2

Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1981 Drilling Program

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

Very truly yours,



Kathy Michael
Land Records Coordinator
(303) 620-3520

KM:vh

COX CANYON UNIT

Working Interest Owners

Atlantic Richfield Company
Attention: Mr. W. A. Walther, Jr.
717 - 17th Street, Suite 1201
Post Office Box 5540
Denver, Colorado 80217

Continental Oil Company
Attention: Mr. L. P. Thompson
Post Office Box 460
Hobbs, New Mexico 88240

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

Gas Producing Enterprises, Inc.
Attention: North Region Land Department
2100 Prudential Plaza
Post Office Box 749
Denver, Colorado 80201

Tenneco Oil Company
Attention: Mr. R. J. Gibb
Post Office Box 3249
Englewood, Colorado 80155



United States Department of the Interior

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

APR 1 1981

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

Gentlemen:

One approved copy of your 1981 plan of development for the Cox Canyon unit area, San Juan County, New Mexico is enclosed. Such plan, proposing no drilling for the calendar year 1981, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

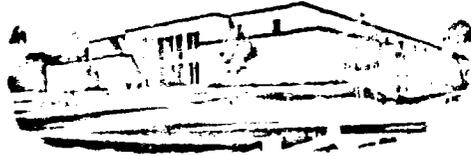
[Signature]

Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosure

cc:
NMOCD, Santa Fe

State of New Mexico



Commissioner of Public Lands

February 25, 1981

ALEX J. ARMIJO
COMMISSIONER

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

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

Re: Cox Canyon Unit
San Juan County, New Mexico
1981 Drilling Program

Attention: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved the 1981 Drilling Program for the Cox Canyon Unit, San Juan County, New Mexico. Such plan calls for the drilling of no wells during 1981. 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 Three (\$3.00) Dollar filing fee has been received.

Please be advised that the following information will be required on all future 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 years beginning with 1980.

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

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 17, 1931

Northwest Pipeline Corporation
P. O. Box 5801, Terminal Annex
Denver, Colorado 80217

Attention: Kathy Michael

Re: Case No. 361
Cox Canyon Unit
1931 Drilling Program

Gentlemen:

I hereby approve the 1931 Drilling Program for the Cox Canyon 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

February 6, 1981

RECEIVED
FEB 13 1981
OIL CONSERVATION COMMISSION
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: Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1981 Drilling Program

By letter dated July 11, 1980, Northwest Pipeline Corporation, Unit Operator, filed a Drilling Program for the captioned unit for the calendar year 1980 providing for the drilling of no wells.

As of this date, the total number of wells drilled in the Cox Canyon Unit is as follows:

Pictured Cliffs, Commercial	18
Mesaverde, Commercial	<u>18</u>
TOTAL	36

Pursuant to Section 10 of the Cox Canyon Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1981.

All of the Working Interest Owners have been contacted and this Drilling

Regulatory Agencies
February 6, 1981
Page 2

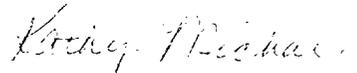
Program reflects the desires of a majority of the Working Interest Owners. Northwest Pipeline Corporation, as Unit Operator, and the Working Interest Owners believe that all current obligations have been satisfied.

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.

Yours very truly,



Kathy Michael
Land Records Coordinator
(303) 620-3520

KM:vh
Enclosure

cc: Working Interest Owners

APPROVED: _____
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

DATE: _____

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

DATE: _____

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

DATE: 2/11/81

The foregoing approvals are for the Cox Canyon Unit I, Sec. No. 946, San Juan County, New Mexico, 1981 Drilling Program.

COX CANYON UNIT

Working Interest Owners

Atlantic Richfield Company
Attention: Mr. W. A. Walther, Jr.
717 - 17th Street, Suite 1201
Post Office Box 5540
Denver, Colorado 80217

Continental Oil Company
Attention: Mr. L. P. Thompson
Post Office Box 460
Hobbs, New Mexico 88240

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

Gas Producing Enterprises, Inc.
Attention: North Region Land Department
2100 Prudential Plaza
Post Office Box 749
Denver, Colorado 80201

Tenneco Oil Company
Attention: Mr. R. J. Gibb
Post Office Box 3249
Englewood, Colorado 80155

NORTHWEST PIPELINE CORPORATION

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

October 9, 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: Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1980 Drilling Program

The 1980 Drilling Program filed on July 11, 1980 for the Cox Canyon Unit I, Sec. No. 946, San Juan County, New Mexico, has been approved the regulatory agencies as follows:

Oil Conservation Commission	September 24, 1980
Commissioner of Public Lands	July 29, 1980
U. S. Geological Survey	October 6, 1980

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

Yours very truly,


Kathy Michael
Land Records Coordinator

KM:vh
Attachment

Cox Canyon Unit
Working Interest Owners

Atlantic Richfield Company
Attention: W. A. Walther, Jr.
500 Lincoln Tower Building
Denver, Colorado 80203

Continental Oil Company
Attention: Mr. L. P. Thompson
Post Office Box 460
Hobbs, New Mexico 88240

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

Gas Producing Enterprises, Inc.
Attention: North Region-Land Department
2100 Prudential Plaza
Post Office Box 749
Denver, Colorado 80201

Tenneco Oil Company
Attention: Mr. J. A. Dutton
720 South Colorado Boulevard
Denver, Colorado 80222



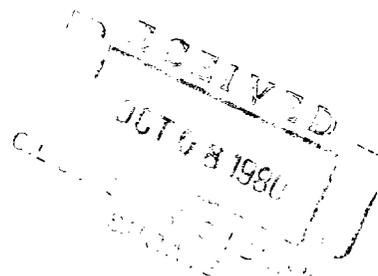
United States Department of the Interior

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

06 OCT 1980

361

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



Gentlemen:

One approved copy of your 1980 plan of development for the Cox Canyon unit area, San Juan County, New Mexico is enclosed. Such plan, proposing no drilling for the calendar year 1980 was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

Jack Willock
Acting Deputy Conservation
Manager, Oil and Gas

Enclosure

cc:
NMOCD, Santa Fe (ltr only)

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

September 24, 1988

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

Attention: Kathy Michael

Re: Case No. 381
Cox Canyon Unit
1988 Drilling Program

Gentlemen:

We hereby approve the 1988 Drilling Program for the Cox Canyon 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. WAMEY
Director

JDR, ER/fd
enc.

cc: J.S.E.S. - Roswell
Commissioner of Public Lands

NORTHWEST PIPELINE CORPORATION

July 11, 1980

ONE PARK CENTRAL, SUITE 1001
DENVER, COLORADO 80202
303-623-0000

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

RECEIVED
JUL 17 1980
OIL CONSERVATION DIVISION
SANTA FE

34
18
9/15/80
zip

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 2083
Santa Fe, New Mexico 87501

Gentlemen:

Re: Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1980 Drilling Program

By letter dated March 30, 1979, Northwest Pipeline Corporation, Unit Operator,
filed a Drilling Program for the captioned Unit for the calendar year 1979
providing for the drilling of no wells.

As of this date, the total number of wells drilled in the Cox Canyon Unit
is as follows:

Pictured Cliffs, Commercial	18
Mesaverde, Commercial	18
	—
TOTAL	36

Pursuant to Section 10 of the Cox Canyon Unit Agreement, Northwest Pipeline
Corporation is submitting a Drilling Program providing for the drilling of

Mr. Jack Willock
United States Geological Survey, et al
July 11, 1980
Page 2

no wells during the calendar year 1980.

All of the Working Interest Owners have been contacted and this Drilling Program reflects the desires of a majority of the Working Interest Owners. Northwest Pipeline Corporation, as Unit Operator, and the Working Interest Owners believe that all current obligations have been satisfied.

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
Land Records Coordinator

KM:vh
Enclosure

cc: 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: 9/24/50
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 Cox Canyon Unit I, Sec. No. 946, San Juan County, New Mexico, 1980 Drilling Program.

Cox Canyon Unit
Working Interest Owners

Atlantic Richfield Company
Attention: W. A. Walther, Jr.
500 Lincoln Tower Building
Denver, Colorado 80203

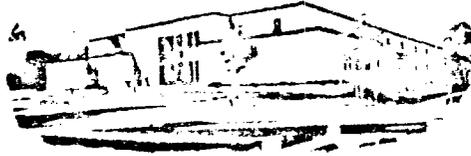
Continental Oil Company
Attention: Mr. L. P. Thompson
Post Office Box 460
Hobbs, New Mexico 88240

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

Gas Producing Enterprises, Inc.
Attention: North Region-Land Department
2100 Prudential Plaza
Post Office Box 749
Denver, Colorado 80201

Tenneco Oil Company
Attention: Mr. J. A. Dutton
720 South Colorado Boulevard
Denver, Colorado 80222

State of New Mexico



Commissioner of Public Lands

July 29, 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: Cox Canyon Unit
San Juan County, New Mexico
1980 Drilling Program

ATTENTION: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your 1980 Drilling Program for the Cox Canyon Unit, San Juan County, New Mexico. Such plan calls for the drilling of no wells during 1980. 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.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

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

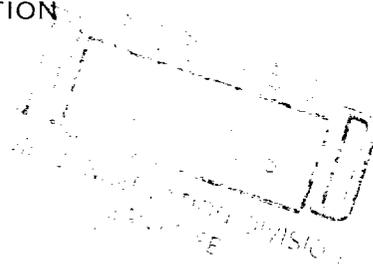
AJA/FOP/s
encls.

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

NORTHWEST PIPELINE CORPORATION

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

May 15, 1979



Mr. James A. Gillham
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico 88201

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

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

Re: Cox Canyon Unit I
No. 946 San Juan County, New Mexico
1979 Drilling Program

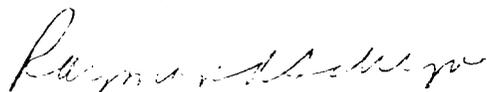
Gentlemen:

On March 30, 1979, we filed a drilling program for the captioned unit for the calendar year 1979 providing for the drilling of no wells.

We received approval for the 1979 drilling program as follows:

United States Department of the Interior - Approved May 11, 1979
Commissioner of Public Lands - Approved April 11, 1979
Oil Conservation Commission - Approved April 6, 1979

Very truly yours,


Raymond Schryver

RS:sc

cc: working interest owners

COX CANYON UNIT

WORKING INTEREST OWNERS

Atlantic Richfield Company
Attention: W. A. Walther, Jr.
1860 Lincoln Street - Suite 501
Denver, CO 80203

Continental Oil Company
Attention: Mr. L. P. Thompson
P. O. Box 460
Hobbs, NM 88240

El Paso Natural Gas Company
Attention: James R. Permenter
P. O. Box 1492
El Paso, TX 79978

Gas Producing Enterprises, Inc.
Attention: North Region Land Department
2100 Prudential Plaza
P. O. Box 749
Denver, CO 80201

Tenneco Oil Company
Attention: Mr. J. A. Dutton
720 South Colorado Boulevard
Denver, Colorado 80222

P.O. Box 26124
Albuquerque, New Mexico 87125

MAY 11 1979

Northwest Pipeline Corporation
Attention: Ms. Betty R. Burnett
One Park Central, Suite 1487
Denver, Colorado 80202

Gentlemen:

One approved copy of your 1979 plan of development for the Cox Canyon unit area, San Juan County, New Mexico, is enclosed. Our records show that all unit lands are in both the Mesaverde and Pictured Cliffs participating area.

Accordingly, your plan, proposing no drilling, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

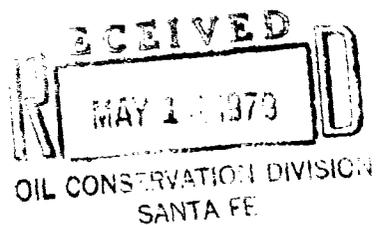
Sincerely yours,

(SIGNED) GENE E. DANIEL

Acting Oil & Gas Supervisor, SRMA

Enclosure

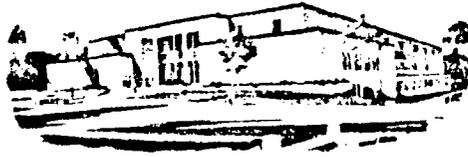
cc:
NMOCD, Santa Fe (1tr only) ← This Copy for



State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

April 11, 1979

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

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

361

Re: Cox Canyon Unit
San Juan County, New Mexico
1979 Drilling Program

ATTENTION: Betty R. Burnett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1979 Drilling Program for the Cox Canyon Unit, San Juan County, New Mexico. Such plan calls for the drilling of no wells during 1979. 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:
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

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

April 5, 1979

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

Attention: Betty R. Burnett

Re: Case No. 361
Cox Canyon Unit
1979 Drilling Program

Gentlemen:

We hereby approve the 1979 Drilling Program for the Cox Canyon 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/LT/fd
enc.

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

C
C
P
Y

NORTHWEST PIPELINE CORPORATION

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

March 30, 1979

Mr. James A. Gillham
Assistant Oil and Gas Supervisor
United States Geological Survey
P.O. Drawer 1857
Roswell, New Mexico 88201

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

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

*James
No. 261*

Re: Cox Canyon Unit I, Sec. No. 946
San Juan County, New Mexico
1979 Drilling Program

Gentlemen:

By letter dated January 23, 1978, Northwest Pipeline Corporation, Unit Operator, filed a drilling program for the captioned unit for the calendar year 1978 providing for the drilling of no wells.

As of this date, the total number of wells drilled in the Cox Canyon Unit is as follows:

Pictured Cliffs, Commercial	18
Mesaverde, Commercial	<u>18</u>
Total	36

Pursuant to Section 10 of the Cox Canyon Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1979.

Northwest Pipeline Corporation, as Unit Operator, will drill any 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.

U.S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
March 30, 1979
Page two

All of the working interest owners have been contacted and this Drilling Program reflects the desires of a majority of the working interest owners. Northwest Pipeline Corporation, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

If this drilling program is acceptable, please signify your approval as required under Section 10 of the Cox Canyon 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.

Sincerely,



Betty R. Burnett

Supervisor of Contracts and Units

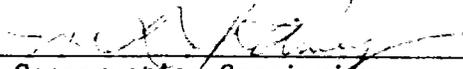
BRB/mq

Enclosures

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: 4/6/79
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 Cox Canyon Unit I, Section No. 946,
San Juan County, New Mexico, 1979 Drilling Program.

COX CANYON UNIT

WORKING INTEREST OWNERS

Atlantic Richfield Company
Attention: W. A. Walther, Jr.
1860 Lincoln Street - Suite 501
Denver, CO 80203

Continental Oil Company
Attention: Mr. L. P. Thompson
P. O. Box 460
Hobbs, NM 88240

El Paso Natural Gas Company
Attention: James R. Permenter
P. O. Box 1492
El Paso, TX 79978

Gas Producing Enterprises, Inc.
Attention: North Region Land Department
2100 Prudential Plaza
P. O. Box 749
Denver, CO 80201

Tenneco Oil Company
Attention: Mr. J. A. Dutton
720 South Colorado Boulevard
Denver, Colorado 80222

NORTHWEST PIPELINE CORPORATION

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

November 9, 1978

Mr. James A. Gillham
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

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

Mr. Joe Ramey
Energy and Minerals Department
Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

No. 361

Re: Cox Canyon Unit, I Sec. No. 946
San Juan County, New Mexico

NOTICE OF COMPLETION OF
ADDITIONAL WELL, Mesaverde
Formation

Gentlemen:

Pursuant to Section 11(a) of the Cox Canyon Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, has determined one additional well capable of producing unitized substances in paying quantities from the Mesaverde has been completed on a drilling block containing a portion of unit acreage committed to this unit. The pertinent data on this well is as follows:

The Fields Com No. 5A Well located 1765 feet from the North Line and 1500 feet from the West Line, Section 28, Township 32 North, Range 11 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on 7-29-77 and completed on 12-19-77 in the Mesaverde Formation at a plug back depth of 5706 feet. The Mesaverde Formation was perforated at each of the following depths:

4573-81, 4630-34, 4665-85, 4717-34, 4810-30,
4867-75, 4888-94, 4904-22, 4922-40, 4941-58,
5039-63, 5103-09, 5158-70, 5307-22, 5322-37,
5356-62, 5372-80, 5404-14, 5425-38, 5451-58,
5458-72 w/16 SPZ and 5503-09, 5550-56, 5583-93,

Mr. James A. Gillham et al
Page 2
November 9, 1978

5605-17, 5629-37, 5647-54 w/14 SPZ.

These perforations were treated with hydrochloric acid followed by a sand-water fracturing. The well was shut-in 12-11-77 for eight days with a SIPT of 676 psig and SIPC of 664 psig.

On 12-19-77 the after-frac gauge was measured at 3201 MCFD.

The entire Cox Canyon Unit Area participates in the Mesaverde Participating Area. Therefore, the Participating Area is not enlarged by this infill well and the percentage of participation remains the same.

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

Yours very truly,



Betty R. Burnett
Supervisor of Contracts and Units

BRB:vh
Attachment

cc: Working Interest Owners

COX CANYON UNIT
WORKING INTEREST OWNERS

Atlantic Richfield Company
Attention: Mr. W. A. Walther, Jr.
1860 Lincoln Street, Suite 501
Denver, Colorado 80203

Continental Oil Company
Attention: Mr. L. P. Thompson
Post Office Box 460
Hobbs, New Mexico 88240

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

Gas Producing Enterprises, Inc.
Attention: North Region Land Department
2100 Prudential Plaza
Post Office Box 749
Denver, Colorado 80201

Tenneco Oil Company
Attention: Mr. J. A. Dutton
720 South Colorado Boulevard
Denver, Colorado 80222

NORTHWEST PIPELINE CORPORATION

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

March 8, 1978

Mr. James A. Gillham
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

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

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

Re: Cox Canyon Unit, I Sec. No. 946
San Juan County, New Mexico
1978 Drilling Program

Gentlemen:

The 1978 Drilling Program filed on January 23, 1978 for the Cox Canyon Unit has been approved by the regulatory agencies as follows:

Commission of Public Lands	January 31, 1978
Oil Conservation Commission	February 8, 1978
U.S. Geological Survey	March 6, 1978

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Sincerely,



Betty R. Burnett
Supervisor of Contracts and Units

BRB:mk
Attachment
cc: Working Interest Owners

COX CANYON UNIT

WORKING INTEREST OWNERS

Atlantic Richfield Company
Attention: W. A. Walther, Jr.
1860 Lincoln Street - Suite 501
Denver, CO 80203

Continental Oil Company
Attention: Mr. L. P. Thompson
P. O. Box 460
Hobbs, NM 88240

El Paso Natural Gas Company
Attention: James R. Permenter
P. O. Box 1492
El Paso, TX 79978

Gas Producing Enterprises, Inc.
Attention: North Region Land Department
2100 Prudential Plaza
P. O. Box 749
Denver, CO 80201

Tenneco Oil Company
Attention: Mr. J. A. Dutton
720 South Colorado Boulevard
Denver, Colorado 80222



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

MAR 06 1978

Northwest Pipeline Corporation
Attention: Ms. Betty R. Burnett
One Park Central, Suite 1487
Denver, Colorado 80202

W. 361

Gentlemen:

One approved copy of your 1978 plan of development for the Cox Canyon unit area, San Juan County, New Mexico, is enclosed. Such plan, proposing no drilling, 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
Acting Area Oil & Gas Supervisor

Enclosure

cc:
Com. Pub. Lands, Santa Fe (1tr. only)
NMOCC, Santa Fe (1tr. only)

← This Copy for

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 8, 1978

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

Attention: Betty R. Burnett

**Re: Case No. 361
Cox Canyon Unit
1978 Drilling Program**

Gentlemen:

**We hereby approve the 1978 Drilling Program for the
Cox Canyon 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 re-
turned herewith.**

Very truly yours,

**JOE D. RAMEY
Secretary-Director**

**JDR/LT/fd
enc.**

**cc: U.S.G.S. - Roswell
Commissioner of Public Lands**

C
O
P
Y

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

January 31, 1978

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

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

no. 361

Re: Cox Canyon Unit
San Juan County, New Mexico
1978 DRILLING PROGRAM

ATTENTION: Betty R. Burnett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1978 Drilling Program for the Cox Canyon Unit, San Juan County, New Mexico. Your plan calls for the drilling of no wells during 1978. This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

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

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

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

PRL/RDG/s
encl.
cc:

OCC-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

January 23, 1978

Mr. Carl C. Traywick
Assistant Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

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

Ln. 361

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

Gentlemen:

Re: Cox Canyon Unit I Sec. No. 946
San Juan County, New Mexico
1978 Drilling Program

By letter dated May 5, 1977, Northwest Pipeline Corporation, Unit Operator, filed a drilling program for the captioned unit for the calendar year 1977 providing for the drilling of nine (9) Pictured Cliffs wells and one (1) Mesaverde Infill well. All wells were timely drilled and completed.

As of this date, the total number of wells drilled in the Cox Canyon Unit is as follows:

Pictured Cliffs, Commercial	18
Mesaverde, Commercial	<u>18</u>
Total	36

Pursuant to Section 10 of the Cox Canyon Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1978.

Northwest Pipeline Corporation, as Unit Operator, will drill any 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.

U.S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
January 23, 1978
page two

All of the working interest owners have been contacted and this Drilling Program reflects the desires of a majority of the working interest owners. Northwest Pipeline Corporation, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

If this drilling program is acceptable, please signify your approval as required under Section 10 of the Cox Canyon 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.

Sincerely,

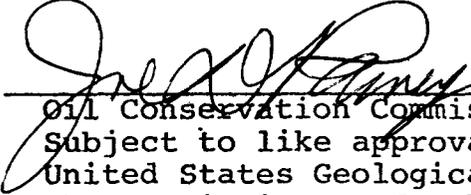


Betty R. Burnett
Supervisor of Contracts and Units

BRB:mk
Enclosures
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: 2/8/78
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 Cox Canyon Unit I
Sec. No. 946, San Juan County, New Mexico, 1978 Drilling
Program

COX CANYON UNIT

WORKING INTEREST OWNERS

Atlantic Richfield Company
Attention: W. A. Walther, Jr.
1860 Lincoln Street - Suite 501
Denver, CO 80203

Continental Oil Company
Attention: Mr. L. P. Thompson
P. O. Box 460
Hobbs, NM 88240

El Paso Natural Gas Company
Attention: James R. Permenter
P. O. Box 1492
El Paso, TX 79978

Colorado Oil & Gas Corporation
Attention: North Region Land Department
2100 Prudential Plaza
P. O. Box 749
Denver, CO 80201

Tenneco Oil Company
Attention: Mr. J. A. Dutton
720 South Colorado Boulevard
Denver, Colorado 80222

NORTHWEST PIPELINE CORPORATION

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

December 21, 1977

Mr. Carl C. Traywick
Assistant Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

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

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

Us 361

DEC 27 1977

Re: Cox Canyon Unit No. I Sec. 946
Fifth Expansion of the
Pictured Cliffs Formation
Effective October 1, 1977

Gentlemen:

Please be advised that the captioned expansion has been approved by the regulatory agencies on the following dates:

Commissioner of Public Lands	December 6, 1977
Oil Conservation Commission	December 8, 1977
U.S. Geological Survey	December 19, 1977

Copies of this letter are being sent to all working interest owners in the Cox Canyon Unit.

Sincerely,



Betty R. Burnett
Supervisor of Contracts and Units

BRB:mk

cc: Working Interest Owners
(attached)

COX CANYON UNIT

WORKING INTEREST OWNERS

Atlantic Richfield Company
Attention: W. A. Walther, Jr.
1860 Lincoln Street - Suite 501
Denver, CO 80203

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Attention: Mr. L. P. Thompson
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Attention: North Region Land Department
2100 Prudential Plaza
P. O. Box 749
Denver, CO 80201

Tenneco Oil Company
Attention: Mr. J. A. Dutton
Suite 1200, Lincoln Tower Building
1860 Lincoln Street
Denver, CO 80203



United States Department of the Interior

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

DEC 20 1977

DEC 19 1977

Northwest Pipeline Corporation
Attention: Ms. Betty R. Burnett
One Park Central, Suite 1487
Denver, Colorado 80202

No. 361

Gentlemen:

The fifth revision of the Pictured Cliffs participating area for the Cox Canyon unit agreement, San Juan County, New Mexico, was approved on this date, effective as of October 1, 1977. By such revision, the Pictured Cliffs participating area is enlarged from 1,360.00 acres to 2,564.60 acres, thereby embracing all lands within the unit area.

The fifth revision adds 1,224.60 acres described as lots 1, 2, S $\frac{1}{2}$ SE $\frac{1}{4}$ sec. 3, lots 1, 2, 3, 4, S $\frac{1}{2}$ S $\frac{1}{4}$ sec. 9, N $\frac{1}{2}$ sec. 16, NE $\frac{1}{4}$, E $\frac{1}{2}$ W $\frac{1}{2}$ sec. 17, and the N $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 28, T. 32 N., R. 11 W., N.M.P.M., and is based on information obtained by the completion of the following unit wells:

Well No.	Date Completed	CAOF (MCF/D)	Pictured Cliffs Interval	Well Location (All in T. 32 N., R. 11 W.)
19 Com	Oct. 11, 1977	1,145	3,070'-3,120'	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28
20	Oct. 10, 1977	2,360	3,260'-3,356'	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 16
21	Oct. 10, 1977	1,779	3,324'-3,354'	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16
22	Oct. 11, 1977	1,863	3,380'-3,444'	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17
23 Com	Oct. 11, 1977	2,540	3,298'-3,322'	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17
24 Com	Oct. 11, 1977	1,109	3,428'-3,478'	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17
25	Oct. 10, 1977	2,613	3,286'-3,320'	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9
26	Oct. 4, 1977	2,245	3,222'-3,254'	lot 4 sec. 9
27	Oct. 4, 1977	4,293	3,260'-3,288'	lot 2 sec. 8

Copies of the approved application are being distributed to the appropriate Federal offices, and one approved copy is returned herewith. You are requested to furnish the State of New Mexico and all other interested parties with evidence of this approval.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Area Oil and Gas Supervisor

cc: BLM, Santa Fe (ltr. only) ← This Copy for
NMOCC, Santa Fe (ltr. only)
Com. Pub. Lands, Santa Fe (ltr. only)

Enclosure

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

December 8, 1977

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

Attention: Betty R. Burnett

Re: Case No. 361
Cox Canyon Unit
Fifth Expansion of the
Pictured Cliffs Parti-
cipating Area

O
Gentlemen:

P
We hereby approve the Fifth Expansion of the Pictured
Cliffs Participating Area for the Cox Canyon Unit, San
Juan County, New Mexico, subject to like approval by the
United States Geological Survey and the Commissioner of
Public Lands.

Y
Two approved copies of the Expansion are returned
herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/LT/fd
enc.

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

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

December 6, 1977

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

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

70. 361

Re: Cox Canyon Unit
San JUAN COUNTY, New Mexico
APPLICATION FOR THE FIFTH
EXPANSION OF THE PICTURED CLIFFS
PARTICIPATING AREA
Effective October 1, 1977

ATTENTION: Betty R. Barnett

Gentlemen:

The Commissioner of Public Lands has this date approved the Fifth Expansion of the Pictured Cliffs Participating Area for the Cox Canyon Unit, San Juan County, New Mexico. Our approval is subject to like approval by the United States Geological Survey.

Enclosed is one approved copy for your files.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

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

FRL/EDG/s

encls.

cc:

OCC-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

November 29, 1977

11-3-1977

Mr. Carl C. Traywick
Assistant Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

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

us. 361

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

Re: Cox Canyon Unit No. I Sec. 946
~~San Juan County~~, New Mexico
APPLICATION FOR THE FIFTH
EXPANSION OF THE PICTURED CLIFFS
PARTICIPATING AREA
Effective October 1, 1977

Gentlemen:

Pursuant to Section 11 of the Cox Canyon Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the dates set out below that the following wells capable of producing unitized substances in paying quantities from the Pictured Cliffs formation have been completed upon acreage committed to this Unit and concluded that the Pictured Cliffs Participating Area should be expanded as follows:

FIFTH EXPANDED PARTICIPATING AREA -- Effective October 1, 1977

Drilling Block	Acre	Well No.
NW/4 Section 28-32N-11W	(N/2 NW/4) 80.00 acres Unit (S/2 NW/4) 80.00 acres Non-Unit	19 Com
NE/4 Section 16-32N-11W	160.00	20
NW/4 Section 16-32N-11W	160.00	21
NE/4 Section 17-32N-11W	160.00	22
NW/4 Section 17-32N-11W	(E/2 NW/4) 80.00 acres Unit (W/2 NW/4) 80.00 acres Non-Unit	23 Com

U.S. Geological Survey
 Commissioner of Public Lands
 Oil Conservation Commission
 November 29, 1977
 page two

<u>Drilling Block</u>	<u>Acres</u>	<u>Well No.</u>
SW/4 Section 17-32N-11W	(E/2 SW/4) 80.00 acres Unit (W/2 SW/4) 80.00 acres Non-Unit	24 Com
Lots 1, 2, S/2 SE/4 Section 9-32N-11W	168.10	25
Lots 3,4, S/2 SW/4 Section 9-32N-11W	168.30	26
Lots 1,2,S/2 SE/4 Section 8-32N-11W	168.20	27

Pertinent Well Data is as follows:

The Cox Canyon Unit No. 19 Com Well is located 1125' from the North Line and 1450' from the West Line of Section 28, Township 32 North, Range 11 West, N.M.P.M. San Juan County, New Mexico. It was spudded on July 12, 1977 and completed October 11, 1977 at a total depth of 3204'. The Pictured Cliffs Formation was perforated with one shot per foot at the following depths: 3070', 3074', 3078', 3084', 3088', 3092', 3096', 3104', 3108', and 3120'. Subsequently, the perforated interval was acidized and sand-water fractured. The well was shut-in for 11 days with a SIP of 885 psia, and was tested on October 11, 1977. The well gauged 1126 MCF/D on a three (3) hour test through a 0.750 inch choke on a 2.875 inch casing. The calculated absolute open flow potential is 1145 MCF/D.

The Cox Canyon Unit No. 20 Well is located 895' from the North Line and 1150' from the East Line of Section 16, Township 32 North, Range 11 West, N.M.P.M. San Juan County, New Mexico. It was spudded on June 14, 1977 and completed October 10, 1977 at a total depth of 3394'. The Pictured Cliffs Formation was perforated with one shot per foot between 3260'-3288' and between 3328'-3356'. The perforated intervals were then acidized and sand-water fractured. The well was shut-in for seven (7) days with a SIP of 657 psia, and was tested on October 10, 1977. The well gauged 2114 MCF/D on a three (3) hour test through a 0.750 inch choke on a 2.875 inch casing. The calculated absolute open flow potential is 2360 MCF/D.

The Cox Canyon Unit No. 21 Well is located 1065' from the North Line and 1450' from the West Line of Section 16, Township 32 North, Range 11 West, N.M.P.M. San Juan County, New Mexico. It was spudded on June 18, 1977 and completed October 10, 1977 at a total depth of 3437'. The Pictured Cliffs Formation was perforated with one shot per foot between 3324'-3354'. The perforated interval was then acidized and sand-water fractured. The well was shut-in for seven (7) days with a SIP of 709 psia, and was tested on October 10, 1977. The well gauged 1678 MCF/D on a three (3) hour test through a 0.750 inch choke on a 2.875 inch casing. The calculated absolute open flow potential is 1779 MCF/D.

The Cox Canyon Unit No. 22 Well is located 1110' from the North Line and 1120' from the East Line of Section 17, Township 32 North, Range 11 West, N.M.P.M. San Juan County, New Mexico. It was spudded on July 2, 1977 and completed October 11, 1977 at a total depth of 3492'. The Pictured Cliffs Formation was perforated at 3376' with two shots and with one shot per foot at the following depths: 3380', 3384', 3388', 3392', 3396', 3400', 3404', 3408', 3426', 3430', 3440', and 3444'. The perforated interval was then acidized and sand-water fractured. The well was shut-in for eleven (11) days with a SIP of 855 psia, and was tested on October 11, 1977. The well gauged 1780 MCF/D on a three (3) hour test through a 0.750 inch choke on a 2.875 inch casing. The calculated absolute open flow potential is 1863 MCF/D.

The Cox Canyon Unit No. 23 Com Well is located 1170' from the North Line and 1690' from the West Line of Section 17, Township 32 North, Range 11 West, N.M.P.M. San Juan County, New Mexico. It was spudded on July 1, 1977 and completed October 11, 1977 at a total depth of 3408'. The Pictured Cliffs Formation was perforated with one shot per foot from 3298'-3322'. The perforated interval was acidized and sand-water fractured. The well was shut-in for eleven (11) days with a SIP of 1026 psia, and was tested on October 11, 1977. The well gauged 2401 MCF/D on a three (3) hour test through a 0.750 inch choke on a 2.875 inch casing. The calculated absolute open flow potential is 2540 MCF/D.

The Cox Canyon Unit No. 24 Com Well is located 1035' from the South Line and 1735' from the West Line of Section 17, Township 32 North, Range 11 West, N.M.P.M. San Juan County, New Mexico. It was spudded on July 3, 1977 and completed October 11, 1977 at a total depth of 3559'. The Pictured Cliffs Formation was perforated with one shot per foot at the following depths: 3428', 3432', 3437', 3440', 3446',

3450', 3454', 3460', 3464', 3470', 3474', and 3478'. The perforated interval was acidized and sand-water fractured. The well was shut-in for eight (3) days with a SIP of 919 psia, and was tested on October 11, 1977. The well gauged 1073 MCF-D through a 0.750 inch choke on a 2.875 inch casing. The calculated absolute open flow potential is 1109 MCF/D.

The Cox Canyon Unit No. 25 Well is located 1080' from the South Line and 1450' from the East Line of Section 9, Township 32 North, Range 11 West, N.M.P.M. San Juan County, New Mexico. It was spudded on June 9, 1977 and completed October 10, 1977 at a total depth of 3400'. The Pictured Cliffs Formation was perforated with one shot per foot from 3286' to 3320'. The perforated interval was acidized and sand-water fractured. The well was shut-in for seven (7) days with a SIP of 678 psia, and was tested on October 10, 1977. The well gauged 2305 MCF/D on a three (3) hour test through a 0.750 inch choke on a 2.875 inch casing. The calculated absolute open flow potential is 2613 MCF/D.

The Cox Canyon Unit No. 26 Well is located 1520' from the South Line and 1070' from the West Line of Section 9, Township 32 North, Range 11 West, N.M.P.M. San Juan County, New Mexico. It was spudded on June 18, 1977 and completed October 4, 1977 at a total depth of 3338'. The Pictured Cliffs Formation was perforated with one shot per foot from 3222'-3254'. The perforated interval was acidized and sand-water fractured. The well was shut-in for thirteen (13) days with a SIP of 767 psia, and was tested on October 4, 1977. The well gauged 2083 MCF/D on a three (3) hour test through a 0.750 inch choke on a 2.875 inch casing. The calculated absolute open flow potential is 2245 MCF/D.

The Cox Canyon Unit No. 27 Well is located 1580' from the South Line and 1620' from the East Line of Section 8, Township 32 North, Range 11 West, N.M.P.M. San Juan County, New Mexico. It was spudded on June 24, 1977 and completed October 4, 1977 at a total depth of 3368'. The Pictured Cliffs Formation was perforated with one shot per foot from 3260'-3288'. The perforated interval was acidized and sand-water fractured. The well was shut-in for ten (10) days with a SIP of 990 psia, and was tested on October 14, 1977. The well gauged 3702 MCF/D on a three (3) hour test through a 0.750 inch choke on a 2.875 inch casing. The calculated absolute open flow potential is 4293 MCF/D.

U.S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
November 29, 1977
page five

In support of this application, the following exhibits are made a part hereof:

Exhibit "A"

Ownership map reflecting the boundaries of the Unit and the proposed Expansion of the Participating Area of the Pictured Cliffs Formation within the Cox Canyon Unit.

Exhibit "B"

Geological Report on the Fifth Expansion of the Pictured Cliffs Formation.

Exhibit "C"

Figure No. 1: Structure map of the Top of the Pictured Cliffs Sandstone.

Figure No. 2: Isopachous map of the Net Pictured Cliffs Reservoir Sand.

Exhibit "D"

Schedule of Cox Canyon Unit Pictured Cliffs Gas Production.

Schedule VI

This schedule describes the Fifth Expanded Participating Area and shows the percentage of unitized substances allocated to each tract and the percentage of ownership.

If this Fifth Expansion of the Participating Area of the Pictured Cliffs Formation meets with your approval, please so indicate in the space provided on the attached sheet and return an approved copy of this letter for our files.

Copies of this letter are being sent to the working interest owners on the attached list.

Sincerely,



Betty R. Burnett

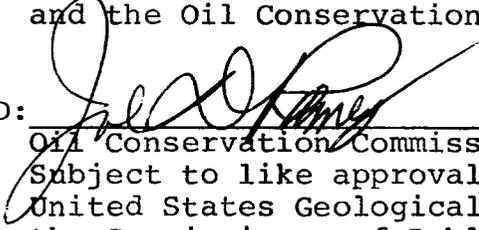
Supervisor of Contracts and Units

BRB:mk
Attachment
Enclosures

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: 12/8/77
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 Fifth Expansion of the Participating Area of the Pictured Cliffs Formation for the Cox Canyon Unit, No. I, Sec. 946, San Juan County, New Mexico.

COX CANYON UNIT

WORKING INTEREST OWNERS

Atlantic Richfield Company
Attention: W. A. Walther, Jr.
1860 Lincoln Street - Suite 501
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Continental Oil Company
Attention: Mr. L. P. Thompson
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