

LAND DEPARTMENT

263-86

P O BOX 8900 SALT LAKE CITY UTAH 84108-0900 801-584 6669 801-584 7215

SANTA TE

ട്ടാവ March 26, 1986

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. Floyd O. Prando 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 31-6 Unit #14-08-001-464 Rio Arriba County, New Mexico 1986 Drilling Program

Gentlemen:

By letter dated May 17, 1985, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit providing for the drilling of one (1) Mesaverde/Dakota well, which was timely drilled.

As of this date, the total number of wells drilled in the San Juan 31-6 Unit on acreage committed to the unit is as follows:

Mesaverde, commercial	25
Mesaverde, plugged and abandoned	2
Mesaverde, temporarily abandoned	2
Mesaverde/Dakota, commerciality undetermined	1
Mesaverde/Dakota, (Mesaverde commercial,	1
Dakota temporarily abandoned)	
Dakota, commercial	20
Dakota, commerciality undetermined	2
TOTAL	53

Assistant Area Oil and Gas Supervisor Commissioner of Public Lands Oil Conservation Commission San Juan 31-6 1986 Drilling Program March 26, 1986 Page -2-

Pursuant to Section 10 of the San Juan 31-6 Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1986.

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.

Sincerely,

NORTHWEST PIPELINE CORPORATION

Panell Harlan
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 31-6 1986 Drilling Program March 26, 1986 Page -3-

APPROVED	Assistant District Manager for Minerals 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 Assistant Area Oil and Gas Supervisor and the Oil Conservation Commission	DATE
APPROVED	Oil Conservation Commission Subject to like approval by the Assistant Area Oil and Gas Supervisor and the Commissioner of Public Lands	DATE 5-6-86

The foregoing approvals are for the 1986 Drilling Program for the San Juan 31-6 Unit #14-08-001-464.

SAN JUAN 31-6 WORKING INTEREST OWNERS

MATAGORDA OIL COMPANY
c/o Texas Commerce Bank of Houston
ATTN: OIL & GAS DEPARTMENT
P. O. BOX 2558
HOUSTON, TEXAS 77001

TEXACO PRODUCING, INC. P. O. BOX 1404 HOUSTON, TX 77251

CONTINENTAL OIL COMPANY ATTN: D. W. Thompson P. O. BOX 460 HOBBS, NEW MEXICO 88240 CRA International, Ltd. c/o Terra Resources, Inc. 5 Greenway Plaza Houston, TX 77210

TENNECO OIL COMPANY ATTN: MR. R. J. GIBB P. O. BOX 3249 ENGLEWOOD, COLORADO 80155 PWG PARTNERSHIP SANDIA SAVINGS BLDG. - SUITE 800 400 GOLD AVENUE, S.W. ALBUQUERQUE, NEW MEXICO 87102

THE WISER OIL COMPANY
905 OIL AND GAS BUILDING
WICHITA FALLS, TEXAS 76301

PHILLIPS PETROLEUM COMPANY ATTN: Bruce A. Bowman 8055 E. Tufts Avenue Parkway Denver, CO 80237

MERIDIAN OIL
P. O. Box 4289
Land Department
FARMINGTON, NM 87499-4289

AMOCO PRODUCTION COMPANY Western Division, Production AMOCO BUILDING DENVER, COLORADO 80202

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

State of New Mexico







Commissioner of Public Lands

April 28, 1986

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

Attn: Darrall L. Gillen

P. 3. Box 3900

Salt Lake City Utah 84108-0900

Re: San Juan 31-6 Unit

Rio Arriba County, New Mexico

1986 Drilling Program

Gentlemen:

The Commissioner of Public Lands has this date approved your 1938 Drilling Program for the San Juan 31-6 Unit Area, Rio Arriba County, New Mexico. Such plan calls for the drilling of no wells during the calendar year 1986.

Our approval is subject to like approval by the New Mexico Dil 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: 7 Pape o Vacant FLOYD O. PRANDO, Director

Oil and Gas Division

(505) 827-5744

JB/FOP/pm encls.

cc: OCD-Santa Fe, New Mexico

BLM-Albuquerque, New Mexico Attn: Fluids Branch

ILLEGIBLE

NORTHWEST PIPELINE CORPORATION ONE OF THE WILLIAMS COMPANIES

LAND DEPARTMENT

263-86

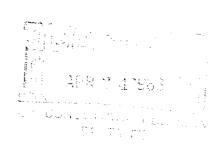
P O. 80X 8900 SALT LAKE CITY, UTAH 84108-0900 801-584-6669 801-584-7215

March 26, 1986

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

State of New Mexico Commissioner of Public Lands Attn: Mr. Floyd O. Prando 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 31-6 Unit #14-08-001-464 Rio Arriba County, New Mexico 1986 Drilling Program

Gentlemen:

By letter dated May 17, 1985, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit providing for the drilling of one (1) Mesaverde/Dakota well, which was timely drilled.

As of this date, the total number of wells drilled in the San Juan 31-6 Unit on acreage committed to the unit is as follows:

Mesaverde, commercial	25
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Mesaverde/Dakota, (Mesaverde commercial,	1
Dakota temporarily abandoned)	
Dakota, commercial	20
Dakota, commerciality undetermined	_2_
TOTAL	53

Assistant Area Oil and Gas Supervisor Commissioner of Public Lands Oil Conservation Commission San Juan 31-6 1986 Drilling Program March 26, 1986 Page -2-

Pursuant to Section 10 of the San Juan 31-6 Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1986.

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.

Sincerely,

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 31-6 1986 Drilling Program March 26, 1986 Page -3-

APPROVED	Assistant District Manager for Minerals 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 Assistant Area Oil and Gas Supervisor and the Oil Conservation Commission	DATE
APPROVED	Oil Conservation Commission Subject to Trke approval by the Assistant Area Oil and Gas Supervisor	date <u>4-25-86</u>

The foregoing approvals are for the 1986 Drilling Program for the San Juan 31-6 Unit #14-08-001-464.

and the Commissioner of Public Lands

SAN JUAN 31-6 WORKING INTEREST OWNERS

MATAGORDA OIL COMPANY c/o Texas Commerce Bank of Houston ATTN: OIL & GAS DEPARTMENT P. O. BOX 2558 HOUSTON, TEXAS 77001

HOUSTON, TX 77251

CONTINENTAL OIL COMPANY ATTN: D. W. Thompson P. O. BOX 460 HOBBS, NEW MEXICO 88240 CRA International, Ltd. c/o Terra Resources, Inc. 5 Greenway Plaza Houston, TX 77210

TEXACO PRODUCING, INC.

P. O. BOX 1404

TENNECO OIL COMPANY ATTN: MR. R. J. GIBB P. O. BOX 3249 ENGLEWOOD, COLORADO 80155 PWG PARTNERSHIP SANDIA SAVINGS BLDG. - SUITE 800 400 GOLD AVENUE, S.W. ALBUQUERQUE, NEW MEXICO 87102

THE WISER OIL COMPANY
905 OIL AND GAS BUILDING
WICHITA FALLS, TEXAS 76301

PHILLIPS PETROLEUM COMPANY ATTN: Bruce A. Bowman 8055 E. Tufts Avenue Parkway Denver, CO 80237

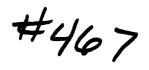
MERIDIAN OIL
P. O. Box 4289
Land Department
FARMINGTON, NM 87499-4289

AMOCO PRODUCTION COMPANY Western Division, Production AMOCO BUILDING DENVER, COLORADO 80202

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

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State of New Mexico









Commissioner of Public Lands

February 21, 1986

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 P. O. Box 8900 Salt Lake City, Utah 84108-0900

San Juan 31-6 Unit
Rio Arriba County, New Mexico
Notice of Completion of
Additional Well
Dakota Formation

ATTENTION: Mr. Darrell L. Gillen

Genclemen:

This office is in receipt of your letter of November 14, 1985, wherein Northwest Pipeline Corporation as unit operator of the San Juan 31-6 Unit, has determined that the Unit Well No. 28, located in the NE4SW4 of Section 34, Township 31 North, Range 6 West is capable of producing unitized substances in paying quantities from the Dakota formation.

The Commissioner of Public Lands has this date concured with your commercial determination and has this date approved your Notice of Completion of Additional Well in the Dakota formation. Inasmuch as this well has been completed in the existing Dakota Participating Area, no revision is necessary. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/FOP/pm encls.

cc: OCD-Santa Fe, New Mexico

BLM-Albuquerque, New Mexico Attn: Fluids Branch BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

ILLEGIBLE

State of New Mexico







Commissioner of Public Lands

February 13, 1986

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

Northwest Pipeline Corporation P. O. Box 8900 Salt Lake City, Utah 84108-0900

Re: San Juan 31-6 Unit

Rio Arriba County, New Mexico

Notice of Completion of Additional Well

Dakota Formation

ATTENTION: Mr. Darrell L. Gillen

Gentlemen:

This office is in receipt of your letter dated February 3, 1986, wherein you have advised this office that the notice of completion of additional well, which was filed November 14, 1985 for the San Juan 31-6 #28 well has been approved by the Bureau of Land Managment on December 26, 1985.

Please submit a copy of this notice to this office together with a copy of the BLM approval letter.

Very truly yours,

JIM BACA

COMMISSIONER OF PUBLIC LANDS

Laplo Vam

RY:

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

JB/FOP/pm
encls.

cc:

OCD-Santa Fe, New Mexico

BLM-Albuquerque, New Mexico Attn: Fluids Branch

ILLEGIBLE



LAND DEPARTMENT

110-86

P O BOX 8900 SALT LAKE CITY, UTAH 84108-0900 801-584-6669 801-584-7215

February 3, 1986

Assistant District Manager, Minerals 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 Post Office Box 1148 Santa Fe, NM 87501

State of New Mexico Oil Conservation Division Attn: Mr. Richard L. Stamets Post Office Box 2088 Santa Fe, NM 87501

Re: San Juan 31-6 Unit #14-08-001-464
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL WELL
DAKOTA FORMATION

Gentlemen:

The Notice of Completion of Additional Well, which was filed November 14, 1985 for the San Juan 31-6 #28 well has been approved by the Bureau of Land Management on 12/26/85.

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

February 3, 1986 Page -2-

Sincerely,

NORTHWEST PIPELINE CORPORATION

Daniel Sheller

Darrell L. Gillen Land Coordinator

DLG:js

Attachments

cc: Working Interest Owners K. J. Stracke

K. J. Stracke W. O. Curtis K. Nielsen

SAN JUAN 37-6 WORKING INTEREST OWNERS

MATAGORDA OIL COMPANY c/o Texas Commerce Bank of Houston ATTN: OIL & GAS DEPARTMENT P. O. BOX 2558 HOUSTON, TEXAS 77001 TEXACO PRODUCING, INC. P. O. BOX 1404 HOUSTON, TX 77251

CONTINENTAL OIL COMPANY ATTN: D. W. Thompson P. O. BOX 460 HOBBS, NEW MEXICO 88240

CRA International, Ltd. c/o Terra Resources, Inc. 5 Greenway Plaza Houston, TX 77210

TENNECO OIL COMPANY ATTN: MR. R. J. GIBB P. O. BOX 3249 ENGLEWOOD, COLORADO 80155 PWG PARTNERSHIP SANDIA SAVINGS BLDG. - SUITE 800 400 GOLD AVENUE, S.W. ALBUQUERQUE, NEW MEXICO 87102

THE WISER OIL COMPANY
905 OIL AND GAS BUILDING
WICHITA FALLS, TEXAS 76301

PHILLIPS PETROLEUM COMPANY ATTN: Bruce A. Bowman 8055 E. Tufts Avenue Parkway Denver, CO 80237

MERIDIAN OIL
P. O. Box 4289
Land Department
FARMINGTON, NM 87499-4289

AMOCO PRODUCTION COMPANY Western Division, Production AMOCO BUILDING DENVER, COLORADO 80202

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

0043t



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION



1935 - 1985

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

November 25, 1985

Northwest Pipeline Corporation P.O. Box 8900 Salt Lake City, Utah 84108-0900

Re: San Juan 31-6 Unit #14-08-001-464

Rio Arriba County, NM NOTICE OF COMPLETION OF

ADDITIONAL WELL Dakota Formation

Gentlemen:

The above referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico 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

LAND DEPARTMENT

865-85

P.O. BOX 8900 SALT LAKE CITY, UTAH 84108-0900 801-584-6669 801-584-7215

November 14, 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: Mr. Richard L. Stamets P. O. Box 2088 Santa Fe, NM 87501

> San Juan 31-6 Unit #14-08-001-464 Rio Arriba County, New Mexico NOTICE OF COMPLETION OF ADDITIONAL WELL Dakota Formation

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 31-6 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 Dakota Formation.

The well data is as follows:

The San Juan 31-6 Unit #28 well is located 1660 feet from the south line and 1520 feet from the west line, section 34, Township 31 north, Range 6 west, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on December 20, 1982. The Dakota formation was completed on February 28, 1983. The Dakota formation was perforated with 25 holes at the following depths:

7890', 7891', 7892', 7893', 7894', 7895', 7896', 7897', 7898', 7899', 7900', 7901', 7902', 7903', 7904', 7905', 7906', 7907', 7908', 7909', 7910', 7911', 7912', 7913', 7914'.

295 CHIPETA WAY SALT LAKE CITY, UTAH 84108

Dot - We are in reciept of ue a. ..
unit letter Thx
Ry

Bureau of Land Management Commissioner of Public Lands Oil Conservation Commission November 14, 1985 Page -2-

These perforations were treated with 107,850 gallons pad water followed by 50,000 pounds of 40/60 sand and 5,000 pounds of 20/40 sand. The well was tested on March 14, 1983 using a positive choke in a three hour test. A flow rate of 2143 MCFD was measured with a calculated AOF of 2341 MCFD. The ISIP was measured at 2860 psig.

Since this well was drilled within the existing Dakota Participating Area, the Participating Area is not enlarged 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.

Sincerely,

NORTHWEST PIPELINE CORPORATION

Danell Jarller Darrell L. Gillen Land Coordinator

DLG:js

cc: Working Interest Owners
W. O. Curtis
K. Nielsen

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

DATE ____

APPROVED

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

Bureau of Land Management Commissioner of Public Lands Oil Conservation Commission November 14, 1985 Page -3-

APPROVED

Oil Conservation Commission Subject to like approval by the Area Oil and Gas Supervisor and the Commissioner of Public Lands DATE 11-25-85

The foregoing is for the approval of Notice of Completion of Additional Well for San Juan 31-6 Unit #28 Dakota.

SAN JUAN 31-6 WORKING INTEREST OWNERS

MATAGORDA OIL COMPANY c/o Texas Commerce Bank of Houston ATTN: OIL & GAS DEPARTMENT P. O. BOX 2558 HOUSTON, TEXAS 77001

TEXACO PRODUCING, INC. P. O. BOX 1404 HOUSTON, TX 77251

CONTINENTAL OIL COMPANY ATTN: D. W. Thompson P. O. BOX 460 HOBBS, NEW MEXICO 88240 CRA International, Ltd. Attn: Partner Operations 5416 South Yale Avenue Tulsa, OK 74135

TENNECO OIL COMPANY ATTN: MR. R. J. GIBB P. O. BOX 3249 ENGLEWOOD, COLORADO 80155 PWG PARTNERSHIP SANDIA SAVINGS BLDG. - SUITE 800 400 GOLD AVENUE, S.W. ALBUQUERQUE, NEW MEXICO 87102

THE WISER OIL COMPANY
905 OIL AND GAS BUILDING
WICHITA FALLS, TEXAS 76301

PHILLIPS PETROLEUM COMPANY ATTN: M. K. Study Woodside II 7800 East Dorado Place Englewood, CO 80111

MERIDIAN OIL
P. O. Box 4289
Land Department
FARMINGTON, NM 87499-4289

AMOCO PRODUCTION COMPANY Western Division, Production AMOCO BUILDING DENVER, COLORADO 80202

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