

NORTHWEST PIPELINE CORPORATION

March 22, 1978

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

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

*7-946*

Re: San Juan 32-8 Unit  
San Juan County, New Mexico  
1978 Drilling Program

Gentlemen:

The 1978 Drilling Program filed on March 6, 1978 for the San Juan 32-8 Unit has been approved by the regulatory agencies as follows:

Commissioner of Public Lands	March 13, 1978
Oil Conservation Commission	March 14, 1978
U. S. Geological Survey	March 17, 1978

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

Sincerely,

*Betty Burnett*

Betty R. Burnett  
Supervisor of Contracts and Units

BRB:mk

Attachment  
cc: Working Interest Owners

San Juan 32-8 Unit  
Working Interest Owners

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

Phillips Petroleum Company  
Attention: Mr. N. N. Beckner  
1000 Security Life Building  
Denver, Colorado 80202

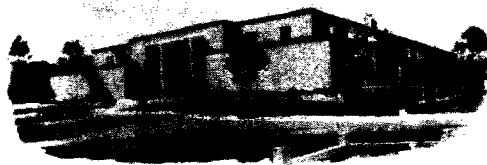
Getty Oil Company  
Attention: Mr. J. E. Hofmann  
Three Park Central, Suite 700  
Denver, Colorado 80202

Sun Oil Company (Delaware)  
12850 Hillcrest Road  
Dallas, Texas 75230  
Attention: Unitization & Joint Operations

Texaco, Inc.  
Box 2100  
1570 Grant Street  
Denver, Colorado 80201

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

# State of New Mexico



## Commissioner of Public Lands

PHIL R. LUCERO  
COMMISSIONER

March 21, 1978

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

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

*No. 446*

Re: San Juan 32-8 Unit  
San Juan County, New Mexico  
1978 DRILLING PROGRAM

ATTENTION: Betty Burnett

Gentlemen:

We are in receipt of your letter of March 16, 1978, whereby you submitted three copies of corrected page 1 of the 1978 Drilling Program for the San Juan 32-8 Unit dated March 6, 1978. We have this date filed the corrected page in lieu of the page previously filed with your 1978 Drilling Program.

Enclosed is an extra page reflecting the date it was received in this office.

Very truly yours,

PHIL R. LUCERO  
COMMISSIONER OF PUBLIC LANDS

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

FRL/RDG/s  
encl.  
cc:

OCC-Santa Fe, New Mexico ✓  
USGS-Hoswell, New Mexico  
USGS-Albuquerque, New Mexico



# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124  
Albuquerque, New Mexico 87125

RECEIVED  
MAR 21 1978  
U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SANTA FE, N.M.

MAR 17 1978

Northwest Pipeline Corporation  
Attention: Ms. Betty R. Burnett  
One Park Central, Suite 1437  
Denver, Colorado 80202

No. 446

Gentlemen:

One approved copy of your 1978 plan of development for the San Juan 32-3 unit area, San Juan County, New Mexico, is enclosed. Such plan, proposing the drilling of one Mesaverde well on lands outside the existing participating area 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:  
NMOCC, Santa Fe (ltr. only) ← This Copy for  
Com. Pub. Lands, Santa Fe (ltr. only)

NORTHWEST PIPELINE CORPORATION

March 16, 1978

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

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

*Mr. 446*

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

Re: San Juan 32-8 Unit  
San Juan County, New Mexico  
1978 Drilling Program

Gentlemen:

Enclosed is a corrected page 1 of the 1978 drilling program for the San Juan 32-8 Unit dated March 6, 1978. We have corrected the location of Well No. 39 to read E/2 Section 3-31N-8W. Please substitute the attached for page 1 of our March 6 letter. We apologize for any inconvenience this may have caused you.

Sincerely,

*Betty R. Burnett*  
Betty R. Burnett

Supervisor of Contracts and Units

BRB:mk

Enclosure

cc: Working Interest Owners

San Juan 32-8 Unit  
Working Interest Owners

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

Phillips Petroleum Company  
Attention: Mr. N. N. Beckner  
1000 Security Life Building  
Denver, Colorado 80202

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

Sun Oil Company (Delaware)  
12850 Hillcrest Road  
Dallas, Texas 75230  
Attention: Unitization & Joint Operations

Texaco, Inc.  
Box 2100  
1570 Grant Street  
Denver, Colorado 80201

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

**OIL CONSERVATION COMMISSION**

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 14, 1978

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

Attention: Betty R. Burnett

Re: Case No. 446  
San Juan 32-8 Unit  
1978 Drilling Program

Gentlemen:

We hereby approve the 1978 Drilling Program for the San Juan 32-8 Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the Drilling Program are returned herewith.

Very truly yours,

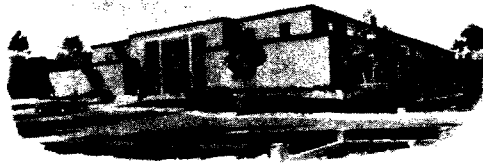
JOE D. RAMEY  
Secretary-Director

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

March 13, 1978

RECEIVED  
MAR 13 1978

Oil Conservation Commission

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

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

no. 446

Re: San Juan 32-8 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 San Juan 32-8 Unit, San Juan County, New Mexico. Such plan proposes the drilling of one Mesaverde well 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.

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

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

March 6, 1978

APR 13 1978  
ONE PARK CENTRAL, SUITE 1487  
DENVER, COLORADO 80202  
303-623-9303

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

Gentlemen:

Re: San Juan 32-8 Unit #14-08-001-446  
San Juan County, New Mexico  
1978 Drilling Program

By letter dated June 29, 1977, Northwest Pipeline Corporation, Unit Operator, filed a drilling program for the captioned unit for the calendar year 1977 providing for the drilling of one (1) Fruitland well.

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

Fruitland, Commercial	1
Fruitland, Commerciality not determined	2
Mesaverde, Commercial	27
Mesaverde, Non-commercial	1
Mesaverde, Plugged & abandoned	2
Total	33

Northwest Pipeline Corporation, as Unit Operator, has contacted all of the working interest owners and has received the necessary concurrence to propose the drilling of the following well during the calendar year 1978:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
39	E/2 Section 3-32N-8W	Mesaverde

U.S. Geological Survey  
Commissioner of Public Lands  
Oil Conservation Commission  
March 6, 1978  
page two

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,

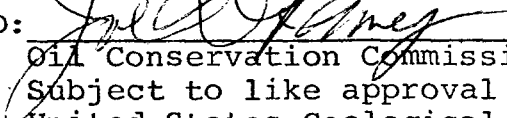
A handwritten signature in cursive script, appearing to read "Betty Burnett".

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: 3/14/78  
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 San Juan 32-8 Unit #14-08-001-446,  
San Juan County, New Mexico, 1978 Drilling Program

San Juan 32-8 Unit  
Working Interest Owners

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

Phillips Petroleum Company  
Attention: Mr. N. N. Beckner  
1000 Security Life Building  
Denver, Colorado 80202

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

Sun Oil Company (Delaware)  
12850 Hillcrest Road  
Dallas, Texas 75230  
Attention: Unitization & Joint Operations

Texaco, Inc.  
Box 2100  
1570 Grant Street  
Denver, Colorado 80201

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 7, 1977

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

Attention: Betty R. Burnett

Re: Case No. 446  
San Juan 32-8 Unit  
Initial Participating  
Area - Fruitland Formation

Gentlemen:

We hereby acknowledge receipt of the Initial Participating Area for the Fruitland Formation in the San Juan 32-8 Unit.

Very truly yours,

LYNN TESCHENDORF  
General Counsel

LT/fd

cc: USGS - Roswell  
Commissioner of Public Lands

NORTHWEST PIPELINE CORPORATION

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

October 11, 1977

OCT 13 1977  
CONSERVATION COM.  
S. J. Co.

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

*Case No. 446*

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

Re: San Juan 32-8 Unit #14-08-001-446  
San Juan County, New Mexico  
INITIAL PARTICIPATING AREA  
FRUITLAND FORMATION  
Effective November 30, 1976

Gentlemen:

Pursuant to Section 11(a) of the San Juan 32-8 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the date indicated below that the San Juan 32-8 Unit Well No. 36 was capable of producing unitized substances in paying quantities from the Fruitland formation and was completed on a drilling block committed to this Unit which should create the Initial Participating Area for the Fruitland as follows:

Initial Participating Area -- Effective November 30, 1976

<u>Drilling Block</u>	<u>Acres</u>	<u>Well Name &amp; Number</u>
E/2 Section 25-32N-8W	320.00	San Juan 32-8 #36

Pertinent well data is as follows:

United States Geological Survey  
Commissioner of Public Lands  
Oil Conservation Commission  
October 11, 1977  
page two

The San Juan 32-8 Unit No. 36 well is located 1640 feet from the North Line and 1710 feet from the East Line, Section 25, Township 32 North, Range 8 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on October 2, 1976 and completed on November 30, 1976 in the North Los Pinos Fruitland Formation at a plug back depth of 4017'. The Fruitland Formation was perforated with one hole at each of the following depths: 3773', 3777', 3783', 3787', 3797', 3802', 3829'. These perforations were treated with 15% HCL followed by a sand-water fracturing. The well was shut-in October 13, 1976 for 43 days with a SIPC of 1493 psig. On November 30, 1976, the well was tested through the casing and after flowing for three (3) hours through a 3/4" variable choke on the 8 5/8" casing, the well gauged 1049 MCFD with a calculated AOF of 1054 MCFD. From April 1, 1977 through August 31, 1977, this well has produced 58,277 MCFG.

Attached are Schedule I and ownership map showing the Initial Participating Area for the Fruitland formation of the San Juan 32-8 Unit. The Schedule describes the Initial Participating Area and shows the percentage of unitized substances allocated to the drilling block tract. Inasmuch as this needs no official approval, no provision is made therefor and in the absence of disapproval the captioned Initial Participating Area will become effective November 30, 1976.

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

Sincerely,



Betty R. Burnett  
Supervisor of Contracts and Units

BRB:me  
Attachments  
cc: Working Interest Owners

## UNIT AREA EXPANSION SCHEDULE

SCHEDULE I  
INITIAL PARTICIPATING AREA FOR THE FRUITLAND FORMATION  
SAN JUAN 32-8 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATIO
			OWNERSHIP	PERCENTAGE		
TRACT 16						
SF 079381	T-32-N, R-8-W	320.00	Royalty:	12.50%	12.50%	<u>100.00%</u>
	Sec 25: E/2					
	Working Interest:					
	El Paso Natural Gas Co.;		82.50%			
	ORRI;		5.00%			
	TOTAL			<u>100.00%</u>		

Effective November 30, 1976



San Juan 32-8 Unit  
Working Interest Owners

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

Phillips Petroleum Company  
Attention: Mr. N. N. Beckner  
1000 Security Life Building  
Denver, Colorado 80202

Getty Oil Company  
Attention: Mr. J. E. Hofmann  
Three Park Central, Suite 700  
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Sun Oil Company (Delaware)  
12850 Hillcrest Road  
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Attention: Unitization & Joint Operations

Texaco, Inc.  
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