NORTHWEST PIPELINE CORPORATION

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

June 21, 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

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

no. 420

Re: San Juan 32-7 Unit San Juan County, New Mexico 1978 Drilling Program

Gentlemen:

The 1978 Drilling Program filed on June 9, 1978 for the San Juan 32-7 Unit has been approved by the regulatory agencies as follows:

Oil Conservation Division June 12, 1978 Commissioner of Public Lands June 13, 1978 U. S. Geological Survey June 16, 1978

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

Sincerely,

Supervisor of Contracts and Units

BRB:mk attachment

cc: Working Interest Owners

SAN JUAN 32-7 UNIT Working Interest Owners

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

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

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

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

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

Amoco Production Company Attention: Mr. T. M. Curtis 1000 Security Life Building Denver, Colorado 80202

Mr. Edward Gerber
Post Office Box 234
Gracie Station
New York, New York 10028



United States Department of the Interior

GEOLOGICAL SURVEY

F. C. Box 26124 Albuquerque, Nac Mexico 87121

JUN 16 1978

Cortaguet Pipeline Corporation Orthantion: Setty ... Burnett Pue Park Central, Suite 1457 Cenver, coloralo (0202 No. 420

lautlemen)

Date approved copy of your 1970 plan of development for the Can June 32-7 main wrea, San June County, New Mexico, is enclosed. Buch Man, proposing the drilling of four Pictured Cliffs unit wells on Lands not in a Michard Cliffs participating area and one Michard Cliffs well be don-unit lands, but including unit lands in the special unit, was approved on this date subject to like approval by the appropriate officials of the State of Man Maries.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

(41 and Gas Supervisor, % L.

Theloure

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

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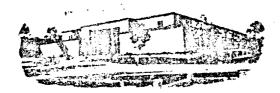
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State of New Mexico





Commissioner of Public Lands

June 13, 1978

PHIL R. LUCERO COMMISSIONER

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

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

No

Re: San Juan 32-7 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 32-7 Unit, San Juan County, New Mexico. Such plan calls for the drilling of wells No. 47, 48, 49, 50 and the Middle Mesa # 2 for the year 1978. This 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,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:

RAY D. GRAHAM, Director Oil and Gas Division

PRL/RDG/s encls.

cc·

OCC-Santa Fe, New Mexico USGS-Roswell, New Mexico USGS-Albuquerque, New Mexico

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE. NEW MEXICO 87501

June 12, 1978

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

Attention: Betty R. Burnett

Re: Case No. 420

San Juan 32-7 Unit 1978 Drilling Program

Gentlemen:

We hereby approve the 1978 Drilling Program for the San Juan 32-7 Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the Drilling Program are returned herewith.

Very truly yours,

JOE D. RAMEY Director

JDR/LT/fd enc.

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

NORTHWEST PIPELINE CORPORATION

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

June 9, 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 no 420 approve

Re: San Juan 32-7 Unit #14-08-001-441

San Juan County, New Mexico 1978 Drilling Program

Gentlemen:

On March 1, 1977, Northwest Pipeline Corporation, as Unit Operator, filed a drilling program for the San Juan 32-7 Unit for the calendar year 1977 providing for the drilling of one Pictured Cliffs well. This well was timely drilled. On August 2, 1977, a supplemental drilling program was filed providing for the drilling of four Mesaverde wells by Palmer Oil & Gas Company on non-standard proration units which included a portion of San Juan 32-7 Unit Acreage. The Yager #1 and 1-B and Federal #2 and 2-A wells were drilled and completed in the Mesaverde. Palmer also drilled the Yager #3 (formerly #1-A) and Federal #4 on non-standard proration units and completed these two wells as dual Fruitland-Pictured Cliffs wells. Since a portion of San Juan 32-7 Unit acreage is dedicated to these six wells, I have included them in the number of wells shown below.

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

U. S. Geological Survey Commissioner of Public Lands Oil Conservation Commission June 9, 1978 page two

Fruitland, commercial	2
Dual Fruitland-Pictured Cliffs,	
commerciality undetermined	2
Pictured Cliffs, commerciality undetermined	1
Pictured Cliffs, plugged and abandoned	1
Mesaverde, commerciality undetermined	4
Mesaverde, commercial	21
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	2
Dual Mesaverde-Dakota:	
Commercial	1
Plugged back to Mesaverde	ī
Non-commercial in Dakota	2
Dakota, commercial	4
Total	42

Pursuant to Section 10 of the San Juan 32-7 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, has contacted all of the working interest owners and has received the necessary concurrence to propose the drilling of the following wells in 1978:

Well No.	Drilling Block	Formation			
47	NE/4 Section 35-32N-7W	Pictured Cliffs			
48	NW/4 Section 35-32N-7W	Pictured Cliffs			
49	SE/4 Section 35-32N-7W	Pictured Cliffs			
50	SE/4 Section 34-32N-7W	Pictured Cliffs			
Middle					
Mesa #2	SE/4 Section 33-32N-7W	Pictured Cliffs			

The Middle Mesa Well #2 will be located on non-unit lands and will be operated by Northwest Exploration Company. The unit lands involved in the 160-acre Pictured Cliffs prorated unit are the E/2 SE/4 Section 33; and, therefore, the unit will participate in 50% of the well.

In the event the above wells are commercial, if a Pictured Cliffs participating area is established for well #45, the participating area will be expanded.

Northwest, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested of the Unit Operator by the working interest owners.

U. S. Geological Survey Commissioner of Public Lands Oil Conservation Commission June 9, 1978 page three

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

Copies of this drilling program are being sent to the working interest owners as shown on the attached.

Sincerely,

Betty R. Burnett

Supervisor of Contracts and Units

BRB:mk

Attachments

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:

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 1978 Drilling Program for the San Juan 32-7 Unit #14-08-001-441, San Juan County, New Mexico

SAN JUAN 32-7 UNIT Working Interest Owners

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

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

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

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

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

Amoco Production Company Attention: Mr. T. M. Curtis 1000 Security Life Building Denver, Colorado 80202

Mr. Edward Gerber
Post Office Box 234
Gracie Station
New York, New York 10028

NORTHWEST PIPELINE CORPORATION

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

April 13, 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 no. 420

Re: San Juan 32-7 Unit
San Juan County, New Mexico
SEVENTEENTH EXPANDED PARTICIPATING AREA
Mesaverde Formation, Effective 1/1/76

Gentlemen:

Enclosed is a corrected page 1 of Schedule XIX to the captioned Expanded Participating Area. Tract 5 has been corrected to reflect the conversion of the General American Oil Company of Texas' 2-1/2% overriding royalty interest to a 25% working interest. Please replace the original page 1 of Schedule XIX with the attached.

Sincerely,

Betty R. Burnett

Supervisor of Contracts and Units

BRB:mk Enclosures

cc: Working Interest Owners (with enclosure)

SAN JUAN 32-7 UNIT Working Interest Owners

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

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Amoco Production Company Attention: Mr. T. M. Curtis 1000 Security Life Building Denver, Colorado 80202

Mr. Edward Gerber
Post Office Box 234
Gracie Station
New York, New York 10028

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIX SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION SAN JUAN 32-7 UNIT AREA

SF 078542	SF 078472	SF 078460	SERIAL NUMBER SF 078459	
T-32-N, R-7-W Sec.28: SE% Sec.35: S%		T-32-N, R-7-W Sec. 7: Lots 4,5,6 & SE4SE4 Sec. 8: SE4SE4 Sec.17: A11 Sec.20: N42, N42SW42, Sec.21: SE48. E4NE4 Sec.21: SE48. E4NE4	R DESCRIPTION T-32-N, R-7-W Sec. 22: All	
480.00	560.00	1573.10	0F ACRES 640.00	NUMBER
Royalty; Working Interest: Northwest Pipeline Corp.; General Am. Oil Co. of Tex.; ORRI; TOTAL	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI; TOTAL	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI; TOTAL		DRILLING BLOCK
12.50% 61.875% 20.625% 5.000%	12.50% 82.50% 5.00% 100.00%	12.50% 82.50% 5.00% 100.00%	PERCENTAGE 12.50% 82.50% 5.00% 100.00%	
12.50% 61.875% 20.625% 5.000%	12.50% 82.50% 5.00% 100.00%	12.50% 82.50% 5.00% 100.00%	COMMITTED 12.50% 82.50% 5.00% 100.00%	PERCENTAGE
5.759104%	6.718955%	18.874264%	PARTICIPATION 7.678805%	PRESENT ACTU

Effective January 1, 1976

^{*}Change of Ownership effective December 1, 1977

NORTHWEST PIPELINE CORPORATION

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

November 14 / 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

Mar 120

San Juan 32-7 Unit #14-08-001-441 Re: San Juan County, New Mexico Supplemental 1977 Drilling Program

Gentlemen:

This is to advise that the Supplemental 1977 Drilling Program for the San Juan 32-7 Unit was approved by the regulatory agencies on the following dates:

U.S. Geological Survey August 12, 1977 Commissioner of Public Lands August 17, 1977 Oil Conservation Commission November 8, 1977

Copies of this letter are being sent to all San Juan 32-7 Unit Working Interest Owners.

Sincerely,

Supervisor of Contracts and Units

BRB:mk

cc: Working Interest Owners

SAN JUAN 32-7 UNIT Working Interest Owners

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

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

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

Amoco Production Company Attention: Mr. T. M. Curtis 1000 Security Life Building Denver, Colorado 80202

Mr. Edward Gerber
Post Office Box 234
Gracie Station
New York, New York 10028

10V 15 1977 COUSE TO COM

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE. NEW MEXICO 87501

November 8, 1977

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

Attention: Betty R. Burnett

Re: Case No. 420

San Juan 32-7 Unit Supplemental 1977 Drilling Program

Gentlemen:

We hereby approve the Supplemental 1977 Drilling Program for the San Juan 32-7 Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the 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

OIL CONSERVATION COMMISSION PLOL BOX 2088 SANTA EEL NEW MEXICO 87501

Movember 3, 1977

Northwest Papeline Corporation and Peter Gentral, Sulte 1487 eaves, Coloredo 80202

Ausention; decty 8. Burnett

Re. Telepp. C.)

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Orilling Program

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We approved copies of the tropped are recurred is rewitted.

Very Ctuly yours,

DE D. RAED Secretor

Machines eac.

co. ... G.G.S. - Roswell con Lance Canda

NORTHWEST PIPELINE CORPORATIO

ONE PARK CENTRAL, SUITE 1487 DENVER, COLORADO 80202 (303) 623-9303 NOV 20 19/8

November 6, 1977

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

Energy and Minerals Department Oil Conservation Division State of New Mexico Attention: Mr. Joe Ramey Post Office Box 2088 Santa Fe, New Mexico 87501 No. 420

Re:

San Juan 32-7 Unit No. 14-08-001-441 San Juan County,

New Mexico, FIRST EXPANDED

PARTICIPATING AREA

PICTURED CLIFFS FORMATION Effective November 1, 1977

Gentlemen:

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

FIRST EXPANDED PARTICIPATING AREA----Effective November 1, 1977

Drilling Block	Acres	Well Name and No.
E/2SW/4, W/2SE/4 Sec. 3-31N-7W	160.00	Yager Well No. 3

Mr. James A. Gillham, et al Page 2 November 6, 1977

The pertinent data is as follows:

The Yager No. 3 Well is located 800' from the South Line and 1850' from the West Line, Section 3, Township 31 North, Range 7 West, N.M.P.M., San Juan County, New Mexico. This well was spudded on 8/2/77 and completed on 10/17/77 in the Pictured Cliffs Formation at a plug back depth of 3647'. The Pictured Cliffs Formation was perforated with one hole per foot at 3361 to 3391. These 31 perforations were treated with 15% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in 10/10/77 for seven days with a SIPT of 1293 psig. On 10/17/77 the well was tested, and after flowing for three (3) hours through a 3/4 inch variable choke on the 2-3/8 inch tubing, the well gauged 1476 MCFD with a calculated AOF of 1509 MCFD.

Attached are Schedule II and ownership map showing the First Expanded Participating Area for the Pictured Cliffs Formation of the San Juan 32-7 Unit. The Schedule describes the First Expanded Participating Area and shows the percentage of unitized substances allocated to each tract. Inasmuch as this needs no official approval, no provision is made therefor and in the absence of disapproval, the captioned First Expanded Participating Area will become effective November 1, 1977.

Copies of this letter, Schedule and map 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 Enclosures

cc: Working Interest Owners

SAN JUAN 32-7 UNIT WORKING INTEREST OWNERS

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

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

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

Amoco Production Company Attention: Mr. T. M. Curtis 1000 Security Life Building Denver, Colorado 80202

Mr. Edward Gerber Post Office Box 234 Gracie Station New York, New York 10028

NOTHINEST PRELIME CONTOURNEY UNIT AREA EXPANSION SCHEDULE

SCHEDULE II

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	SK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATIO
			TRACT 26			
Fee	T-31-N, R-7-W	120.00	Royalty;	20.00%	%00.00	0.0000.0
	SW/4SE/4		Working interest: Palmer Oil and Gas	80.008	800.00	
			ORRI;	800.0	0.00%	
			TOTAL	100.008	800.00	
	Total 1	Total Number of Ac	Acres in Participating A	rea	480.00	-
	Total Number Total Number	of of	Acres Committed in Participating Area Acres Not Committed to Participating Area	cipating Area articipating Are	360.00 a 120.00	
		1				

PAGE 1 OF 2

SCHEDULE II

FIRST EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION

SAN JUAN 32-7 UNIT

PRESENT ACTUA PARTICIPATIO		44.4444		·		44.44444			11.111112			
PERCENTAGE COMMITTED		12.500%	61.875%	20.625% 5.000% 100.000%		12.50%	82.50% 5.00% 100.00%		12.50%	82.50%	5.00%	
PERCENTAGE		12.500%	61.875%	20.625% 5.000% 100.000%		12.50%	82.50% 5.00% 100.00%		12.50%	82.50%	5.00%	
DRILLING BLOCK OWNERSHIP	TRACT 5	Royalty;	Northwest Pipeline	Corporation; Gen. Am. Oil of Texas; ORRI; TOTAL	TRACT 6	Royalty; Working Interest:	Nortnwest Fipeline Corporation; ORRI; TOTAL	TRACT 10		working interest: Northwest Pipeline	Corporation; ORRI;	
NUMBER OF ACRES		R-7-W 160.00	5W/4			-7-W 160.00			R-7-W 40.00	NW/4SE/4		
DESCRIPTION		T-32-N, R	5EC. 33:			T-32-N, R-7-W Sec. 35: NW/4			T-31-N, R			
SERIAL NUMBER		USA SF 078542				USA SF 078543			USA SF 078996			