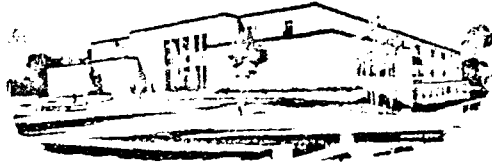


# State of New Mexico



## Commissioner of Public Lands

April 23, 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

417

Re: San Juan 30-5 Unit  
Rio Arriba County, New Mexico

APPLICATION FOR APPROVAL OF THE  
FIRST EXPANDED PARTICIPATING AREA  
Dakota Formation  
Effective-July 1, 1975

APPLICATION FOR APPROVAL OF THE  
SECOND EXPANDED PARTICIPATING AREA  
Dakota Formation  
Effective August 1, 1975

ATTENTION: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved the re-submittal of the First and Second Dakota Participating Area for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. The USGS returned your first submittal unapproved pending some modifications. This approval is subject to like approval by the USGS and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

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-Albuquerque, New Mexico

*Please disregard our letter of 7-21-81*



# United States Department of the Interior

OCT 30 1980

GEOLOGICAL SURVEY

South Central Region

P. O. Box 26124

OIL CONSERVATION DIVISION Albuquerque, New Mexico 87125

SANTA FE

29 OCT 1980

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

417

Dear Ms. Michael:

Your letter of September 10, 1980 transmitted three copies of the proposed first revision to the Pictured Cliffs participating area of the San Juan 30-5 unit agreement, No. 14-08-001-346. The revision adds 320.00 acres to the participating area described as the E $\frac{1}{2}$  section 31, T. 30 N., R. 05 W., N.M.P.M., Rio Arriba County, New Mexico, effective January 1, 1980, causing the participating area to embrace 640.00 acres in total. The revision is accepted for record purposes and one signed copy is enclosed.

Sincerely yours,

(ORIG. SGD.) ANDREW H. CARPENTER

FCR Floyd Stelzer  
Acting Deputy Conservation  
Manager, Oil and Gas

Enclosure

cc:

NMOCD, Santa Fe (ltr only)

NORTHWEST PIPELINE CORPORATION

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

September 10, 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:

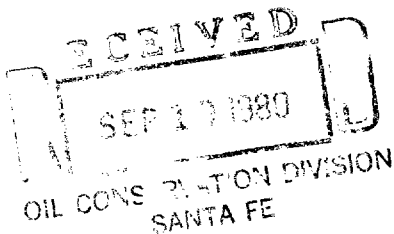
RE: San Juan 30-5 Unit  
No. 14-08-001-346  
Rio Arriba County, New Mexico

APPLICATION FOR APPROVAL OF THE  
FIRST EXPANDED PARTICIPATING AREA  
Pictured Cliffs Formation  
Effective January 1, 1980

Pursuant to Section 11(a) of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the date indicated below that the following well, which is capable of producing unitized substances in paying quantities from the Pictured Cliffs formation has been completed upon a Drilling Block committed to this Unit:

FIRST EXPANDED PARTICIPATING AREA - Effective January 1, 1980

<u>Description of Lands</u>	<u>Acres</u>	<u>Well Name and No.</u>
Township 30 North, Range 5 West Section 31: E/2	320.00	San Juan 30-5 Unit No. 64



United States Geological Survey  
Commissioner of Public Lands  
Oil Conservation Commission  
STATE OF NEW MEXICO  
September 10, 1980  
Page 2

The San Juan 30-5 Unit No. 64 Well is located 1450 feet from the South Line and 1630 feet from the East Line, Section 31, Township 30 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on July 30, 1978 and completed on December 6, 1979 in the Pictured Cliffs formation at a plug back depth of 3740 feet. The Pictured Cliffs formation was perforated with one shot per foot at each of the following depths:

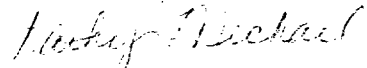
3676', 3677', 3678', 3679', 3680', 3681', 3682', 3683',  
3684', 3685', 3686', 3687', 3688', 3689', and 3690'.

These perforations were treated with 150 gallons of 7-1/2% HCl followed by a sand-water fracturing. The well was shut in November 28, 1979 for eight days with an SIPC of 1236 psig (tubingless completion). On December 6, 1979 the well was tested and after flowing for three (3) hours through a 3/4-inch variable choke on the 2-7/8-inch casing the well guaged 897 MCFD with a calculated AOF of 901 MCFD.

Attached is Schedule II and Ownership Map showing the First Expanded Participating Area for the Pictured Cliffs formation of the San Juan 30-5 Unit Area. This Schedule describes the Participating Area and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this First Expanded Participating Area will become effective January 1, 1980.

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

Very truly yours,



Kathy Michael  
Land Records Coordinator

KM:vh  
Attachments

cc: Working Interest Owners w/encls.

SAN JUAN 30-5 UNIT

Working Interest Owners

Amoco Production Company  
Attention: Mr. A. M. Roney  
1670 Broadway, Suite 750  
Amoco Building  
Denver, Colorado 80202

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

Phillips Petroleum Company  
Attention: Mr. N. N. Beckner  
7800 East Dorado Place  
Englewood, Colorado 80111

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

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

Coastline Petroleum Company, Inc.  
c/o Lone Star Industries, Inc.  
2800 Campus Drive  
San Mateo, California 94403

Le. Col. Langdon Dewey Harrison,  
Trustee for Mrs. Omega E. Quinn  
7517 Tamarron Place, N.E.  
Albuquerque, New Mexico 87109

Arapahoe Drilling Company  
Attention: Mr. Larry H. Williams  
Post Office Box 26687  
Albuquerque, New Mexico 87125

FIRST EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
SAN JUAN 30-5

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 1</u>							
NM-012331	T30N-R5W Sec. 31: N/2	320.00	Royalty Working Interest: Northwest Pipeline Corp. ORRI		12.5% 82.5% 5.0% 100.0%	12.5% 82.5% 5.0% 100.0%	50.0%
<u>TRACT 12</u>							
NM-012335	T30N-R5W Sec. 31: S/2	320.00	Royalty Working Interest: Northwest Pipeline Corp. ORRI		12.5% 82.5% 5.0% 100.0%	12.5% 82.5% 5.0% 100.0%	50.0%
<u>RECAPITULATION</u>							
		<u>Township 30 North, Range 5 West</u>					
		<u>Section 31: All</u>					
		<u>Total Number of Acres in Participating Area</u>		640.00			
		<u>Total Number of Acres Committed to the</u>					
		<u>Participating Area</u>		640.00			

EFFECTIVE 1-1-80

NORTHWEST PIPELINE CORPORATION

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

November 5, 1979

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

Commissioner of Public Lands  
State of New Mexico  
Attn: Mr. Ray D. Graham  
Post Office Box 1148  
Santa Fe, New Mexico 97501

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

Re: San Juan 30-5 Unit #14-08-001-346  
Rio Arriba County, New Mexico

APPLICATION FOR APPROVAL OF THE  
INITIAL EXPANDED PARTICIPATING  
AREA, Pictured Cliffs Formation  
Effective June 26, 1979

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the date indicated below that the following well, which is capable of producing unitized substances in paying quantities from the Pictured Cliffs formation has been completed upon a drilling block committed to this Unit:

INITIAL EXPANDED PARTICIPATING AREA - Effective June 26, 1979

<u>Description of Lands</u>	<u>Acres</u>
Township 30 North, Range 5 West Section 31: W/2	320.00

U. S. Geological Survey  
Commissioner of Public Lands  
Oil Conservation Commission  
November 5, 1979  
Page Two

The San Juan 30-5 Unit No. 63 Well is located 1190 feet from the South Line and 1500 feet from the West Line, Section 31, Township 30 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on August 8, 1978 and completed on June 26, 1979 in the Pictured Cliffs formation at a plug back depth of 3704 feet. The Pictured Cliffs formation was perforated with one hole at each of the following depths:

3589, 3590, 3591, 3592, 3594, 3595, 3596, 3597, 3598, 3599, 3600,  
3601, 3603, 3604, 3605, 3606, 3607, 3608, 3609, 3610, 3611, 3612,  
3613, 3614, 3615, 3616.

These perforations were treated with 5000 gal. pad slickwater followed by a sand-water fracturing. The well was shut-in on 6-19-79 for seven days with a SIPC of 1170 psig. On 6-26-79, the well was tested and after flowing for three hours through a 3/4 inch variable choke on the 2 7/8 inch casing, the well gauged 1149 MCFD with a calculated AOF of 1159 MCFD.

Attached is Schedule I and Ownership Map showing the Initial Expanded Participating Area for the Pictured Cliffs Formation of the San Juan 30-5 Unit Area. This Schedule describes the Participating Area and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Initial Expanded Participating Area will become effective June 26, 1979.

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

Very truly yours,



Betty R. Burnett  
Supervisor of Contracts & Units

BRB/KM/meq

Attachments



SAN JUAN 30-5 UNIT

Working Interest Owners

Amoco Production Company  
Attn: J. Krupka  
Security Life Bldg.  
Denver, Colorado 80202

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

Phillips Petroleum Company  
7800 East Dorado Pl.  
Englewood, CO 80111  
Attn: Mr. N. N. Beckner

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

Lt. Col. Langdon D. Harrison  
Trustee for Mrs. Omega E. Quinn  
7311 Montgomery, N.E.  
Albuquerque, N.M. 97109

Getty Oil Company  
Attn: Mr. J. E. Hofman  
3 Park Central, Ste. 700  
Denver, CO 80202

Arapahoe Drilling Company  
Attn: Mr. Larry H. Williams  
P.O. Box 26687  
Albuquerque, N.M. 97125

**NORTHWEST PIPELINE CORPORATION**  
**UNIT AREA EXPANSION SCHEDULE**

SCHEDULE I

INITIAL EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION  
SAN JUAN 30-5 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
NM-012331	<u>T30N-R5W</u> Sec. 31: NW/4	160.0	<u>TRACT 1</u>			
			Royalty	12.5%	12.5%	50.0%
			Working Interest:			
			Northwest Pipeline Corp.	82.5%	82.5%	
			ORRI	<u>5.0%</u>	<u>5.0%</u>	
			<u>100.0%</u>	<u>100.0%</u>		
			<u>TRACT 12</u>			
NM-012335	<u>T30N-R5W</u> Sec. 31: SW/4	160.0	<u>TRACT 12</u>			
			Royalty	12.5%	12.5%	50.0%
			Working Interest:			
			Northwest Pipeline Corp.	82.5%	82.5%	
			ORRI	<u>5.0%</u>	<u>5.0%</u>	
			<u>100.0%</u>	<u>100.0%</u>		

**NORTHWEST PIPELINE CORPORATION**  
**UNIT AREA EXPANSION SCHEDULE**

SCHEDULE I

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
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RECAPITULATION

Township 30 North, Range 5 West

Section 31: W/2

Total Number of Acres in Participating Area                      320.0

Total Number of Acres Committed to the  
Participating Area    320.0