

TABLE NO. 1

RIO ARRIBA COUNTY, NEW MEXICO

Gas Volumes in MCF @ 14.73 psia & 60°F

to 1/1/75

JAN

FEB

ALFRED

APRIL

WAX

JUNE

JULY

AUGUST

SECTION

OCTOBER

NOVEMBER

YEAR TO DATE

12/1/75

W. (Part of)

33925

12710

10350

7340

1998

5073

550

9.

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5411

7

73

83762

117687

*Communitized drilling block includes 68.63 unit acres. (See Exhibit "B")

1/1/75 TO

CUER

12/1/75

PROD TO

NORTHEAST PIPELINE CORPORATION
UNIT AREA EXPANSION SCHEDULE

SCHEDULE I-A
INITIAL EXPANDED PARTICIPATING AREA "A" FOR DAKOTA FORMATION
SAN JUAN 30-5 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATION
			OWNERSHIP	PERCENTAGE		
SF-080538	T-30-N, R-5-W Sec. 12: Lots 1, 2 & SW $\frac{1}{4}$ NE $\frac{1}{4}$	68.63	<u>TRACT 15</u>			
			Royalty;	12.500%	12.500%	100.000%
			Working Interest:			
			Coastline Petroleum Company, Inc. (by virtue of Farmout from El Paso Natural Gas Company) ORRI;	81.125% 6.375%	81.125% 6.375%	
			TOTAL	<u>100.000%</u>	<u>100.000%</u>	

Effective January 17, 1974

NORTHWEST PIPELINE CORPORATION
UNIT AREA EXPANSION SCHEDULE

SCHEDULE I-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT AC PARTICIPATING
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RECAPITULATION

Description of lands in participating area:

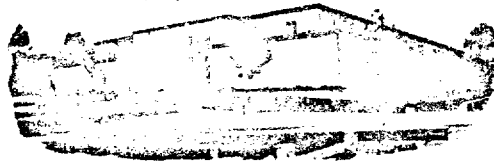
Township 30 North, Range 5 West, N.M.P.M.
Section 12: Lots 1, 2 & SW $\frac{1}{4}$ NE $\frac{1}{4}$

Total number of acres in participating area: 68.63
 Total number of acres committed to participating area: 68.63

Effective January 17, 1974



State of New Mexico



Commissioner of Public Lands

February 3, 1977

PHIL R. LUCERO
COMMISSIONER

720.4.1
RECEIVED

Feb 4 - 1977

OIL CONSERVATION COMMISSION

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

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

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE
INITIAL DAKOTA PARTICIPATING AREA "A"
Effective January 17, 1974

ATTENTION: Mr. John W. Shepardson

Gentlemen:

The Commissioner of Public Lands has this date approved the Initial Dakota Participating Area "A" for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. The Initial Dakota Participating Area "A" covers Lots 1, 2, and SW/4NE/4 of Section 12, Township 30 North, Range 5 West, containing 68.63 acres. This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

By our letter of July 19, 1976, we gave approval to your Amended Initial Expanded Participating Area, First Expanded Participating Area and the Second Expanded Participating Area, Dakota Formation, for the San Juan 30-5 Unit. These applications were rejected by the United States Geological Survey. Accordingly, the First and Second Expanded Participating areas will be re-submitted for approval. Our letter of approval of these Participating areas was subject to approval by the USGS. This office concurs with the USGS recommendations by their letter of October 15, 1976.

We are retaining the two copies of the Amended Initial, First and Second Expanded Participating areas for record purposes.

Northwest Pipeline Corporation
One Park Central, Suite 1487
Denver, Colorado 80202
February 3, 1977
Page 2.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

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

PRL/RDG/s
encl.
cc:

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

NORTHWEST PIPELINE CORPORATION

January 28, 1977

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

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

Re: San Juan 30-5 Unit #14-08-001-436
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE
INITIAL DAKOTA PARTICIPATING AREA "A"
Corrected Effective Date: July 19, 1973

Gentlemen:

On July 8, 1976, Northwest Pipeline Corporation, as Unit Operator, filed an Application for the Amended Initial Expanded Participating Area and the First and Second Expansions of the Participating Area for the Dakota formation in the San Juan 30-5 Unit. These applications were approved by the Commissioner of Public Lands on July 19, 1976, and the Oil Conservation Commission on July 27, 1976. By letter dated October 15, 1976, the United States Geological Survey recommended the Initial Participating Area for the Dakota embracing the W/2 of Section 8, Township 30 North, Range 5 West, effective January 1, 1974, remain unchanged and the Initial Dakota Participating Area "A" be formed based on the Coastline Petroleum No. 1-57 Schalk well located in the NE/4 NW/4 of Section 12, Township 30 North, Range 5 West. By letter of January 7, 1977, the United States Geological Survey recommended the First and Second Expansions for the Dakota Participating Area be deferred until Wells No. 39 and 47 are connected for determination of which lands should be included. Northwest Pipeline Corporation, as Operator, and the majority of the Dakota working interest owners, concur in these recommendations.

Therefore, pursuant to the provisions of Section 11 (b) of the San Juan 30-5 Unit Agreement #14-08-001-436, approved November 7, 1952, Northwest Pipeline Corporation, as Unit Operator, hereby respectfully requests approval of the Initial Dakota Participating Area "A", to wit:

INITIAL DAKOTA PARTICIPATING AREA "A" -- Effective
July 19, 1973

<u>Description of Lands</u>	<u>Acres</u>
Township 30 North, Range 5 West, N.M.P.M. Section 12: Lots 1, 2 & SW/4 NE/4	68.63

This proposed Initial Dakota Participating Area "A" is predicated upon the determination by Northwest Pipeline Corporation that the Coastline Petroleum No. 1-57 Schalk well, drilled and completed outside the limits of the present Dakota Participating Area, is capable of producing unitized substances in paying quantities from the Dakota formation.

Pertinent well data for the No. 1-57 Schalk well is as follows:

The Coastline Petroleum #1-57 Schalk well is located 790' from the North Line and 1650' from the West Line of Section 12, Township 30 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. The well is situated in a communitized drilling block in the N/2 of Section 12, which includes 68.63 acres of unit land. The well was spudded on March 31, 1973, and completed at a total depth of 8222' on July 19, 1973. The Dakota Producing Interval was perforated with two shots per foot as follows: 8010'-8024', 8056'-8066', 8080'-8114', 8141'-8162', and 8176'-8190'. The perforations were hydraulically fractured with a mixture of 200,000 gallons of water and 100,000 pounds of sand. The well was flowed for four (4) hours on a back pressure test July 19, 1973. The Absolute Open Flow potential was 5147 MCF/D with a SIPT of 2922 psia and SIPC of 2947 psia. On the basis of this well, Lots 1 and 2 and the SW/4 of the NE/4 of Section 12 are now recommended for inclusion in the Initial Dakota Participating Area "A".

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

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
January 28, 1977
Page 3

EXHIBIT "A"

Ownership map reflecting the boundaries of the unit and the proposed Initial Dakota Participating Area "A" within the San Juan 30-5 Unit.

EXHIBIT "B"

Geological Report on the proposed Initial Dakota Participating Area "A" within the San Juan 30-5 Unit.

EXHIBIT "C"

Figure No. 1 - San Juan 30-5 Unit Dakota Structure Map.
Figure No. 2 - San Juan 30-5 Unit Dakota Isopach Map.

EXHIBIT "D"


Schedule of the San Juan 30-5 Unit Dakota Participating Area "A" production.

Attached hereto is Schedule I-A showing the proposed Initial Dakota Participating Area "A" in the San Juan 30-5 Unit Area. This Schedule describes the Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the percentage of ownership in the tracts.

If the proposed Initial Dakota Participating Area "A" meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.

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

Very truly yours,


John W. Shepardson
Land Manager

JWS:BRB:cak
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 San Juan 30-5 #14-08-001-436,
Rio Arriba County, New Mexico, APPLICATION FOR APPROVAL OF THE
INITIAL DAKOTA PARTICIPATING AREA "A", Effective July 19, 1973.

SAN JUAN 30-5 UNIT

Working Interest Owners

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

Crown Central Petroleum Corporation
Attention: Mr. O. I. Halbert III
Exploration Manager
Suite 1002, Wilco Building
Midland, TX 79701

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

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

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

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7311 Montgomery, N. E.
Albuquerque, NM 87109

Skelly Oil Company
Attention: Mr. Dave Mullen
1860 Lincoln Street
Denver, CO 80203

Coastline Petroleum Co., Inc.
Suite 142
8204 Elmbrook Drive
Dallas, Texas 75247