

NORTHWEST PIPELINE CORPORATION

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

April 14, 1977

Mr. Carl C. Traywick  
United States Geological Survey  
P.O. Drawer 1857  
Roswell, New Mexico 88201

Mr. Ray D. Graham  
Commissioner of Public Lands  
P.O. Box 1148  
Santa Fe, New Mexico 87501

Mr. Joe Ramey  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Re: San Juan 30-5 Unit  
Rio Arriba County, New Mexico  
Initial Dakota Participating  
Area "A" effective July 19, 1973

Gentlemen:

The Application for the San Juan 30-5 Unit Initial Dakota Participating Area "A" effective July 19, 1973 was approved by the regulatory agencies as follows:

Oil Conservation Commission	February 24, 1977
Commissioner of Public Lands	March 7, 1977
U.S. Geological Survey	March 18, 1977

Copies of this letter are being sent to all working interest owners within the San Juan 30-5 Unit.

Sincerely,

  
Betty R. Burnett

Supervisor of Contracts and Units

BRB:me

cc: Working Interest Owners

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  
1000 Security Life Building  
Denver, CO 80202

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

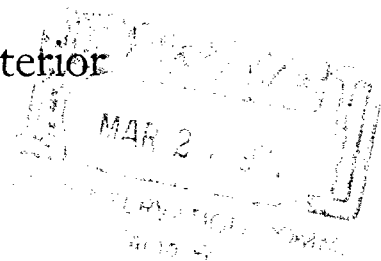
Lt. Col. Langdon Dewey Harrison,  
Trustee for Mrs. Omega E. Quinn  
7311 Montgomery, N. E.  
Albuquerque, NM 87109

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



# United States Department of the Interior

GEOLOGICAL SURVEY  
Conservation Division  
Western Bank Building  
505 Marquette, NW, Room 815  
Albuquerque, New Mexico 87102



MAR 18 1977

**Northwest Pipeline Corporation**  
Attention: John W. Shepardson  
One Park Central, Suite 1487  
Denver, Colorado 80202

Gentlemen:

Your application of January 28, 1977, requesting approval of the initial Dakota participating area "A", of the San Juan 30-5 unit agreement, Rio Arriba County, New Mexico, was approved on this date by the Area Oil and Gas Supervisor, U.S. Geological Survey, effective as of July 19, 1973.

The initial Dakota participating area "A" embraces 68.63 acres described as Lots 1, 2 and SW $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 12, T.30N., R.5W., N.M.P.M. Such participating area is based on the completion of the Coastline Petroleum Company, Inc. No. 1-57 Schaik well in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ , sec. 12, T.30N., R.5W., N.M.P.M. as a paying well pursuant to Section 11(b) of the unit agreement. The subject well drilled and completed outside the present Dakota participating area is located in a communitized drilling block which embraces the N $\frac{1}{2}$  of sec. 12, and includes 68.63 acres of unit land. The Schaik No. 1-57 well was completed on July 19, 1973, for an absolute open flow potential of 5,147 MCF of gas per day from the Dakota interval 8,010 to 8,190 feet.

Copies of the approved application are being distributed to the appropriate Federal offices and one copy is returned herewith. You are requested to furnish the State of New Mexico and all interested parties with evidence of this approval.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Area Oil and Gas Supervisor

cc:  
BLM, Santa Fe, (ltr. only)  
NMOCC, Santa Fe, (ltr. only)  
Com. Pub. Lands, Santa Fe (ltr. only)

NORTHWEST PIPELINE CORPORATION

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

March 3, 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

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:

Enclosed are corrected copies of Application for Approval of the Initial Dakota Participating Area "A" of the San Juan 30-5 Unit. This Application has been corrected only as to the effective date. The test determining the effective date of this Participating Area was on July 19, 1973, rather than January 17, 1974. Please accept our apology for any inconvenience this may have caused you.

Very truly yours,



Betty R. Burnett  
Supervisor of Contracts and Units

BRB:jt  
Enclosures

cc: All Working Interest Owners



# OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
P. O. BOX 2088 - SANTA FE  
87501



DIRECTOR  
JOE D. RAMEY

LAND COMMISSIONER  
PHIL R. LUCERO

STATE GEOLOGIST  
EMERY C. ARNOLD

February 24, 1977

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

Attention: Mr. John W. Shepardson

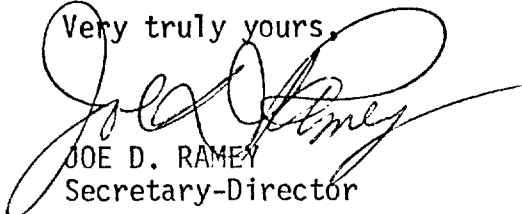
Re: Initial Dakota Participating Area  
"A", San Juan 30-5 Unit, Rio  
Arriba County, New Mexico

Gentlemen:

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

Two approved copies of the application are returned herewith.

Very truly yours,



JOE D. RAMEY  
Secretary-Director

JDR/JEK/og

cc: Commissioner of Public Lands  
Land Office Building  
Santa Fe, New Mexico

U. S. Geological Survey  
Roswell, 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"  
Effective January 17, 1974

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  
January 17, 1974

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

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 reached the 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 January 17, 1974. 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,

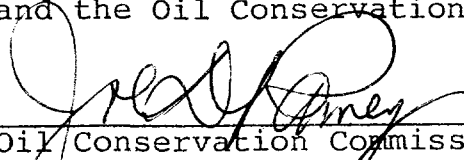
  
John W. Shepardson  
Land Manager

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: Feb. 24, 1977  
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 January 17, 1974.

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

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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