

Revised Exhibit "B"

For

Oil Conservation Commission

<div>EXHIBIT "B"</div> <div>SCHEDULE OF LANDS SHOWING OWNERSHIP OF OIL &amp; GAS INTERESTS WITHIN PROPOSED MESAVERDE</div> <div>SECOND EXPANDED PARTICIPATING AREA FOR ROSA UNIT, RIO ARRIBA &amp; SAN JUAN COUNTIES, NEW MEXICO</div>									
Description Of Lands	Number Of Acres	Serial Number	Basic Royalty	Unit Participation	Working Interest*	Unit Participation	Total Tract Participation		
T-31-N - R-6-W									
Sec. 11: All	2560.00	SF 078771	12.5%	4.452186%	87.5%	31.165305%	35.617491%		
Sec. 14: All									
Sec. 23: All									
Sec. 26: All									
T-31-N - R-6-W									
Sec. 13: W/2, W/2 E/2 Lots 1,2,3,4	1087.20	SF 078767	12.5%	1.890788%	87.5%	13.235515%	15.126303%		
Sec. 24: W/2, W/2 E/2 Lots 1,2,3,4									
T-31-N - R-6-W									
Sec. 15: E/2	320.00	SF 078765	12.5%	.556523%	87.5%	3.895663%	4.452186%		
T-31-N - R-6-W									
Sec. 22: E/2	864.48	SF 078766	12.5%	1.503448%	87.5%	10.524133%	12.027581%		
Sec. 25: W/2, W/2 E/2 Lots 1,2,3,4									
T-31-N - R-5-W									
Sec. 19: E/2 E/2, NW/4 NE/4, SW/4 SE/4	1723.58	SF 078764	12.5%	2.997539%	87.5%	20.982771%	23.980310%		
Sec. 20: SE/4									
Sec. 29: N/2 NE/4, SW/4, W/2 SE/4									
Sec. 30: E/2, Lots 1,2,3,4									
Sec. 31: E/2, Lots 1,2,3,4									
T-31-N - R-5-W									
Sec. 29: S/2 NE/4 E/2 SE/4	160.00	SF 079165	12.5%	.278262%	87.5%	1.947831%	2.226093%		
T-31-N - R-5-W									
Sec. 20: SW/4	320.00	FEE	12.5%	.556523%	87.5%	3.895663%	4.452186%		
Sec. 29: NW/4									
T-31-N - R-5-W									
Sec. 19: Lots 2,3, SW/4 NE/4, NW/4 SE/4	152.22	FEE	12.5%	.264731%	87.5%	1.853119%	2.117850%		
TOTALS	7,187.48			12.500000%		87.500000%	100.000000%		

\*The percentage of unit production allocated to the working interest owner of each tract is subject to all outstanding overriding interest of record against the subject lands.

EXHIBIT "B"

SCHEDULE OF LANDS SHOWING OWNERSHIP OF OIL & GAS INTERESTS WITHIN PROPOSED MESAVARDE  
SECOND EXPANDED PARTICIPATING AREA FOR ROSA UNIT, RIO ARRIBA & SAN JUAN COUNTIES, NEW MEXICO

Description Of Lands	Number Of Acres	Serial Number	Basic Royalty	Unit Participation	Working Interest*	Unit Participation	Total Tract Participation
T-31-N - R-6-W							
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Sec. 14: All							
Sec. 23: All							
Sec. 26: All							
T-31-N - R-6-W							
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Sec. 22: E/2	864.48	SF 078766	12.5%	1.503448%	87.5%	10.524133%	12.027581%
Sec. 25: W/2, W/2 E/2 Lots 1,2,3,4							
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Sec. 19: E/2 E/2, NW/4 NE/4, SW/4 SE/4	1723.58	SF 078764	12.5%	2.997539%	87.5%	20.982771%	23.980310%
Sec. 20: SE/4							
Sec. 29: N/2 NE/4, SW/4, W/2 SE/4							
Sec. 30: E/2, Lots 1,2,3,4							
Sec. 31: E/2, Lots 1,2,3,4							
T-31-N - R-5-W							
Sec. 29: S/2 NE/4 E/2 SE/4	160.00	SF 079165	12.5%	.278262%	87.5%	1.947831%	2.226093%
T-31-N - R-5-W							
Sec. 20: SW/4	320.00	FEE	12.5%	.556523%	87.5%	3.895663%	4.452186%
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T-31-N - R-5-W							
Sec. 19: Lots 2,3, SW/4 NE/4, NW/4 SE/4	152.22	FEE	12.5%	.264731%	87.5%	1.853119%	2.117850%
TOTALS	7,187.48			12.500000%		87.500000%	100.000000%

\*The percentage of unit production allocated to the working interest owner of each tract is subject to all outstanding overriding interest of record against the subject lands.

132

MAIN OFFICE OCC

1957 JAN 8 PM 1:20

*file*

January 8, 1957

In reply refer to:  
Unit Division

Pacific Northwest Pipeline Corporation  
P. O. Box 1526  
Salt Lake City 10, Utah

Re: Rosa Unit - San Juan  
and Rio Arriba Counties,  
New Mexico -  
Plan of Development  
Calendar Year 1957

Attention: Mr. R. N. Richey, Manager  
Land Department

Gentlemen:

We are enclosing one copy of the above designated Plan of Development for the Calendar Year 1957, which was approved by the Commissioner of Public Lands January 8, 1957.

This approval is subject to like approval from the United States Geological Survey and the New Mexico Oil Conservation Commission.

Very truly yours,

MURRAY E. MORGAN  
Commissioner of Public Lands

MEM:MMR/m  
enc: 1

cc: OCC-Santa Fe  
USGS-Roswell

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 28, 1957

C  
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Y  
  
Pacific Northwest Pipeline Corporation  
P. O. Box 1526  
Salt Lake City 10, Utah

Attention: Mr. R. M. Richey


Re: Rosa Unit Area  
San Juan and Rio Arriba  
Counties, New Mexico  
1957 Plan of Development

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1957 Plan of Development for the above-captioned unit area, dated December 27, 1956, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the Plan is returned herewith.

Very truly yours,

  
A. L. PORTER, Jr.,  
Secretary-Director

DSN/  
ALP/ir

Enclosure

bcc: U. S. G. S. - Roswell  
Commissioner of Public Lands - Santa Fe

# PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

December 27, 1956

REPLY TO:  
P. O. Box 1526  
SALT LAKE CITY 10, UTAH

Regional Supervisor  
United States Geological Survey  
Post Office Box 6721  
Roswell, New Mexico

Commissioner of Public Lands  
State of New Mexico  
Post Office Box 791  
Santa Fe, New Mexico

Re: Rosa Unit - San Juan and  
Rio Arriba Counties, New Mexico  
Plan of Development  
Calendar Year 1957

Oil Conservation Commission  
State of New Mexico  
Post Office Box 871  
Santa Fe, New Mexico

Gentlemen:

Pursuant to Section 9 of the Rosa Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, is submitting this Plan of Development providing for the drilling of the following wells during the period from January 1, 1957 to December 31, 1957:

<u>LOCATION</u>	<u>FORMATION</u>
* SW/4 Sec. 24, T 31 N, R 6 W	Mesaverde
E/2 Sec. 14, T 31 N, R 6 W	Mesaverde
W/2 Sec. 23, T 31 N, R 6 W	Mesaverde
* NE/4 Sec. 18, T 31 N, R 5 W	Mesaverde
W/2 Sec. 29, T 31 N, R 5 W	Mesaverde
SW/4 Sec. 32, T 31 N, R 5 W	Mesaverde

\* Exact location subject to formation of unorthodox spacing units.

The above wells will be drilled to intermediate casing point with conventional hydraulic rotary tools and the pay section will be drilled with gas tools. After running production casing through the Mesaverde, the gas sands will be perforated and fraced.

In addition to the above wells, Pacific Northwest Pipeline Corporation, as Unit Operator, also plans to drill any offset wells required to prevent drainage of unitized substances.

If this drilling program is acceptable, please signify your approval as required under Section 9 of the Unit Agreement in the space provided below and return an approved copy to Pacific Northwest Pipeline Corporation.

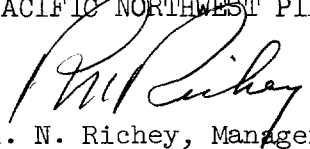
Re: Rosa Unit

December 27, 1956

Copies of this drilling program are being sent to all Working Interest Owners in the Rosa Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

  
R. N. Richey, Manager,  
Land Department


RNR:DNC:mdc

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Supervisor, United States Geological Survey

Subject to like approval by the appropriate State officials.

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Commissioner of Public Lands

Subject to like approval by the U.S.G.S. and Oil Conservation Commission.

APPROVED:  \_\_\_\_\_ DATE: 2-28-57  
Oil Conservation Commission

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

133

LAND OFFICE CCG

UNDES 1.0 AM 8:51

December 21, 1956

*file*  
*Rosa Unit*  
*Part. Area*

Mr. R. M. Richey  
Manager Land Dept.  
Pacific Northwest Pipeline Corp.  
P. O. Box 1526  
Salt Lake City, Utah

Dear Sir:

In examining the proposal for the extension of the participating area in the Rosa Unit, I note that Section 32, Township 31 North, Range 5 West, a State-owned section, is not included in the participating area.

Upon examining the Geological and Engineering Report, Exhibit "C", of the proposal, I find inference that the North West-South East producing trend should strike across section 32.

If the above is true, it seems that section 32 would be drained by the adjoining wells and since it is not in the participating area, would not draw royalty.

On the basis of the above information, I have recommended the Unit Division that they do not approve the proposed extension until section 32, Township 31 North, Range 5 West is included or sufficient Geological Evidence for its exclusion be presented.

Should this section be included in a future third expansion, please advise the Unit Division of such plans.

Yours very truly,

E. S. Walker  
Commissioner of Public Lands

By *R. M. McAlexander*  
R. M. McAlexander  
Geologist

RMM/ccm

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**PACIFIC NORTHWEST PIPELINE CORPORATION**

**SALT LAKE CITY, UTAH**

December 6, 1956

REPLY TO:  
P. O. Box 1526  
SALT LAKE CITY 10, UTAH

132  
Regional Supervisor  
United States Geological Survey  
P. O. Box 6721  
Roswell, New Mexico

Re: Rosa Unit - San Juan and  
Rio Arriba Counties, New Mexico  
1956 Supplemental Plan of Development

Commissioner of Public Lands  
State of New Mexico  
P. O. Box 791  
Santa Fe, New Mexico

*fill*

Oil Conservation Commission  
State of New Mexico  
P. O. Box 871  
Santa Fe, New Mexico

Gentlemen:

This is to advise that the 1956 Supplemental Plan of Development for the Rosa Unit has been approved as follows:

United States Geological Survey approved October 10, 1956.

Commissioner of Public Lands, State of New Mexico, approved November 19, 1956.

Oil Conservation Commission, State of New Mexico, approved December 3, 1956.

Copies of this letter are being sent to all Working Interest Owners in the Rosa Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

*Donald L. Anderson*  
Donald L. Anderson  
District Manager, Land Department

DLA:mdc

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

133

f. cc

December 3, 1956

Pacific Northwest Pipeline Corporation  
P. O. Box 1526  
Salt Lake City 10, Utah

Attention: Mr. R. N. Richey

re: (Rosa Unit)  
San Juan and Rio Arriba  
Counties, New Mexico  
1956 Supplemental Plan  
of Development

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved your supplemental drilling program for the Rosa Unit Area, dated October 3, 1956, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr.,  
Secretary-Director

ALP:DSN:lr

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

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IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
F. O. Box 621 02  
Roswell, New Mexico

October 10, 1956

Pacific Northwest Pipeline Corporation

P. O. Box 1526

Salt Lake City, Utah

Gentlemen:

The supplemental plan of development dated October 3, 1956, for the Ross unit area, New Mexico, I-Sec. No. 587, has been approved on this date, subject to like approval by the appropriate State officials.

Three approved copies of said plan are returned herewith.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

Copy to: Genl. Div., Wash. (w/1 copy of plan)  
Farmington (w/1 copy of plan)  
MDOG, Santa Fe (1tr only)

100-100000

100-100000

November 19, 1956

In reply refer to:  
Unit Division

Pacific Northwest Pipeline Corporation  
P. O. Box 1526  
Salt Lake City 10, Utah

Re: Rosa Unit -  
1956 Supplemental Plan  
of Development,  
Mesaverde Formation

Attention: Mr. Donald L. Anderson  
District Manager,  
Land Department

Gentlemen:

Your Supplemental Plan of Development, dated October 3, 1956, for the Mesaverde Formation of the Rosa Unit, has been approved on this date, subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

One copy of the approved plan is returned herewith.

Very truly yours,

E. S. WALKER  
Commissioner of Public Lands

ESW:MMR/m  
enc: 1

cc: USGS-Roswell  
OCC-Santa Fe

PACIFIC NORTHWEST PIPELINE CORPORATION

HEAD OFFICE 600

SALT LAKE CITY, UTAH

October 3, 1956

REPLY TO:  
P. O. Box 1526  
SALT LAKE CITY 10, UTAH

Regional Supervisor  
United States Geological Survey  
Post Office Box 6721  
Roswell, New Mexico

Commissioner of Public Lands  
State of New Mexico  
Post Office Box 791  
Santa Fe, New Mexico

Oil Conservation Commission  
State of New Mexico  
Post Office Box 871  
Santa Fe, New Mexico

Re: Rosa Unit  
San Juan and Rio Arriba Counties, New Mexico  
Supplemental Plan of Development  
Calendar Year 1956  
Mesaverde Formation

Gentlemen:

The Rosa Unit Plan of Development submitted by Pacific Northwest Pipeline Corporation, Unit Operator, for the calendar year 1956 was approved by the United States Geological Survey on February 8, 1956, the Commissioner of Public Lands on January 6, 1956 and The Oil Conservation Commission on January 5, 1956. That drilling program was as follows:

T-31-N, R-5-W  
Sec. 8: W/2  
Sec. 29: E/2 ✓  
Sec. 31: E/2 ✓

T-31-N, R-6-W  
Sec. 8: E/2  
Sec. 15: E/2 ✓

Of the above locations, three wells have been completed:

Well No.	Location	Initial Potential Thru 3/4" Choke
15-29	E/2 Sec. 29, T-31-N, R-5-W	2,593 MCFGPD
13-31	E/2 Sec. 31, T-31-N, R-5-W	2,947 MCFGPD ✓
12-15	E/2 Sec. 15, T-31-N, R-6-W	4,339 MCFGPD -

Under date of May 7, 1956 we gave notice of change of location from W/2 of Sec. 8, T-31-N, R-5-W to E/2 of Section 23, T-31-N, R-6-W. Well #14-23 located NE/4 Sec. 23, T-31-N, R-6-W was completed with an initial potential of 3,175 MCFGPD thru 3/4" choke. Also, in the notice of May 7, 1956 we set

PACIFIC NORTHWEST PIPELINE CORPORATION

2

SALT LAKE CITY, UTAH

October 3, 1956

REPLY TO:  
P. O. Box 1526  
SALT LAKE CITY 10, UTAH

forth a change of location from E/2 Sec. 29, T-31-N, R-5-W to E/2 Sec. 14, T-31-N, R-6-W but since there was objection to this substitution we proceeded with the drilling of the E/2 Sec. 29, T-31-N, R-5-W location and completed the well as above noted.

Because of conditions of terrain and accessibility to gathering lines, we desire to change the remaining location of the original Plan of Development described as E/2 Sec. 8, T-31-N, R-6-W to the W/2 of Sec. 14, T-31-N, R-6-W.

Also, we wish to supplement the 1956 Plan of Development by the drilling of two additional wells on locations described as:

T-31-N, R-5-W  
Sec. 20: W/2

T-31-N, R-6-W  
Sec. 22: E/2

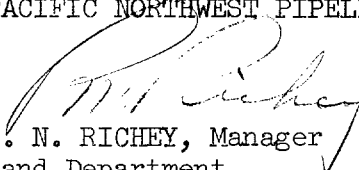
These two additional wells will be drilled to intermediate casing point with conventional hydraulic rotary tools and the pay section will be drilled with gas tools. After running production casing through the producing formation, the gas sands will be selectively perforated and fraced.

If the above is acceptable, please signify your approval in the space provided below and return one approved copy.

Copies of this are being sent to all Working Interest owners in the Rosa Unit.

Very truly yours,

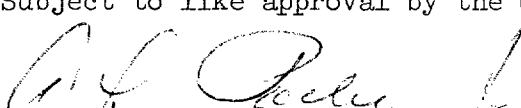
PACIFIC NORTHWEST PIPELINE CORPORATION

  
R. N. RICHEY, Manager  
Land Department

RNR:DLA:mb

Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
Supervisor, United States Geological Survey  
Subject to like approval by the appropriate State Officials.

Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
Commissioner of Public Lands  
Subject to like approval by the U.S.G.S. and Oil Conservation Commission

Approved:  \_\_\_\_\_ Date: Dec 3, 1956  
Oil Conservation Commission  
Subject to like approval by the U.S.G.S. and Commissioner of Public Lands



*Cash*  
*133*

IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MAIN OFFICE OCC

P. O. Box 6721  
Roswell, New Mexico

1956 MAY 11 PM 1:27

May 10, 1956

*file*

Pacific Northwest Pipeline Corporation  
Sims Building  
Albuquerque, New Mexico

Attention: Mr. R. N. Richey

Gentlemen:

Receipt is acknowledged of your letter of May 7, 1956, advising that conditions of terrain and accessibility to gathering lines has necessitated certain changes in well locations from those approved in the 1956 plan of development for the Rosa Unit Area, Rio Arriba and San Juan Counties, New Mexico.

In our opinion the two proposed changes from step out wells to locations within the participating area will not result in reasonable determination of the productive limits of the Mesaverde formation as contemplated by the unit agreement. We request, therefore, that you give consideration to drilling the Mesaverde well in the NE $\frac{1}{4}$  sec. 29, T. 31 N., R. 5 W., as originally proposed inasmuch as the successful completion of such well will allow a considerable expansion of the present participating area toward the southeast.

Your comments on this request are invited.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

Copy to: OCC-Santa Fe, N.M. ✓

*case 33*  
MAIN OFFICE 000  
1558 MAY 17 AM 3:21

**PACIFIC NORTHWEST PIPELINE CORPORATION**

PHONE 7-0211 • SIMMS BUILDING

ALBUQUERQUE, NEW MEXICO

May 9, 1956 *file*

Regional Supervisor  
United States Geological Survey  
Department of the Interior  
Roswell, New Mexico

Re: Notice of Approval  
Mesaverde Participating Area  
(Rosa Unit) I-Sec. 537  
San Juan and Rio Arriba Counties,  
New Mexico.

Commissioner of Public Lands  
of the State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico

Oil Conservation Commission  
of the State of New Mexico  
Post Office Box 371  
Santa Fe, New Mexico

Gentlemen:

This is to advise that the application for approval of Mesaverde Participating Area for the Rosa Unit I-Sec. 537 has been approved effective December 12, 1955 as follows:

1. Approved by the Director, United States Geological Survey April 23, 1956.
2. Approved by the Commissioner of Public Lands, January 11, 1956.
3. Approved by the Oil Conservation Commission February 1, 1956.

Copies of this letter are being sent to all working interest owners within the Rosa Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

*D. L. Anderson*  
Donald L. Anderson  
Land Department

DLA:mhg

cc: Working Interest Owners  
Rosa Unit.



**PACIFIC NORTHWEST PIPELINE CORPORATION**

PHONE 7-0211 • SIMMS BUILDING

ALBUQUERQUE, NEW MEXICO

May 7, 1956

Commissioner of Public Lands  
State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico

Re: (Rosa Unit) Rio Arriba and  
San Juan Counties, New Mexico  
Notice of Change of Locations  
1956 Plan of Development Wells

Oil Conservation Commission  
State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico

Regional Supervisor  
United States Geological Survey  
Department of the Interior  
Roswell, New Mexico

Gentlemen:

This is to advise that because of conditions of terrain and accessibility to gathering lines, Pacific Northwest Pipeline Corporation, Unit Operator, is making the following location changes in the approved 1956 Plan of Development:

FROM: Township 31 North, Range 5 West, Section 3: SW/4,  
Mesaverde Well.  
Township 31 North, Range 5 West, Section 29: NE/4,  
Mesaverde Well.

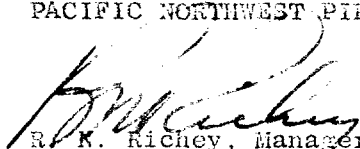
TO: Township 31 North, Range 5 West, Section 14: NE/4,  
Mesaverde Well.  
Township 31 North, Range 6 West, Section 23: NE/4,  
Mesaverde Well.

Pacific Northwest Pipeline Corporation owns all of the working interest in each of the above locations.

Copies of this notice are being sent to all of the working interest owners in the Rosa Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

  
R. K. Richey, Manager  
Land Department

RNR:DLA:mhg

133  
OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 1, 1956

C  
O  
P  
Y  
  
Pacific Northwest Pipeline Corporation  
Simms Building  
Albuquerque, New Mexico

Attention: Mr. R. N. Richey

Re: Rosa Unit

*file*  
~~San Juan and Rio Arriba~~  
Counties, New Mexico  
Initial Participating Area  
Mesaverde Formation

Gentlemen:

This is to advise that the Initial Participating Area for the Mesaverde Formation, Rosa Unit, has this date been approved by the New Mexico Oil Conservation Commission, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

Six approved copies of the request are returned herewith.

Very truly yours,

W. B. Macey  
Secretary-Director

WBM:jh

cc: U. S. Geological Survey, Roswell  
Commissioner of Public Lands, Santa FE

Case 133

Reply to:  
Unit Division

January 11, 1956

*file*

Pacific Northwest Pipeline Corporation  
Simms Building  
Albuquerque, New Mexico

Re: (Rosa Unit)  
Participating Area

Attention: Mr. D. N. Canfield

Gentlemen:

We are as of this date handing to the Director of the Oil Conservation Commission seven copies of the Rosa Unit Participating Area, which were approved by the Commissioner of Public Lands as of January 11, 1956.

Upon completion by the Oil Conservation Commission, they will retain one copy and return six copies to you.

Very truly yours,

*E. S. Walker*

E. S. WALKER  
Commissioner of Public Lands

MRR/m

cc: USGS-Roswell  
OCC-Santa Fe

**PACIFIC NORTHWEST PIPELINE CORPORATION**

**SALT LAKE CITY, UTAH**  
MAIL OFFICE 603

November 30, 1956

RECORDED & INDEXED

REPLY TO:  
P. O. Box 1526  
SALT LAKE CITY 10, UTAH

133

Regional Supervisor  
United States Geological Survey  
P. O. Box 6721  
Roswell, New Mexico

*file*

Commissioner of Public Lands  
State of New Mexico  
P. O. Box 791  
Santa Fe, New Mexico

Oil Conservation Commission  
State of New Mexico  
P. O. Box 871  
Santa Fe, New Mexico

Gentlemen:

Re: Consents - Rosa Unit  
San Juan and Rio Arriba Counties

I am enclosing for your files copies of the following consents:

1. Consent to the Rosa Unit, San Juan and Rio Arriba Counties, New Mexico, executed by Paul H. Umbach and Martha Kearney Umbach. This instrument was recorded in the County records of San Juan County on November 5, 1956, in Book 313, Page 118, and also recorded in the County records of Rio Arriba County on November 21, 1956, in Volume 29, Page 214. This commits their interest in Tract XX appearing in Exhibit "B" to the Unit Agreement and any and all other tracts in which they have an interest.
2. Consent to the Rosa Unit, San Juan and Rio Arriba Counties, New Mexico, executed by Alma Mae Beamon Anderson and M. P. Anderson. This instrument was recorded in the County records of San Juan County, New Mexico, on October 18, 1956, in Book 313, Page 27, and also recorded in the County records of Rio Arriba County, New Mexico, on November 21, 1956, in Volume 29, Page 213. This commits their interest in Tract XX appearing in Exhibit "B" to the Unit Agreement and any and all other tracts in which they have an interest.

Copies of this letter are being sent to all Working Interest Owners within the Rosa Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

*Donald L. Anderson*  
Donald L. Anderson

District Manager, Land Department

DIA:mdc  
Encls.

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan Rosa Unit Area, <sup>San Juan & Arriba Counties</sup> ~~X~~ CO ~~UNTY~~ NTY, New Mexico, by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit are as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

811 18th Street

Boulder, Colorado

Date: Sept. 25, 1956

SIGNATURE

Paul H. Umbach  
Paul H. Umbach

Martha Kearney Umbach  
Martha Kearney Umbach

Date: \_\_\_\_\_

Approved and Consented to:  
COLORADO OIL AND GAS CORPORATION  
BY: J. P. Morone

Vice President  
Working Interest Owner

Approved and Consented to:  
STANOLIND OIL AND GAS COMPANY  
BY: Frank L. Linder

Vice President  
Working Interest Owner

Date: \_\_\_\_\_

Approved and Consented to:  
PACIFIC NORTHWEST PIPELINE CORPORATION  
BY: Allen B. Smith

Vice President  
Working Interest Owner & Unit Operator

Date: October 31, 1956

STATE OF Calo. )  
COUNTY OF Boulder ) SS

On this 25th day of Sept., 1956, before me personally appeared  
Paul H. Umbach & Martha Kearney Umbach

to me known to be the persons described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:  
Nov. 16, 1958

Marathy Merrifield  
Notary Public

STATE OF )  
COUNTY OF ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared  
\_\_\_\_\_

to me known to be the person\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:  
\_\_\_\_\_

\_\_\_\_\_  
Notary Public

STATE OF )  
COUNTY OF ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared  
\_\_\_\_\_

to me known to be the person\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:  
\_\_\_\_\_

\_\_\_\_\_  
Notary Public

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan Rosa Unit Area, San Juan & ~~Chavez~~ Rio Arriba Counties, New Mexico, by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit are as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

5211 Briar Drive

27  
Houston 19, Texas

Date: August 11, 1956

Alma Mae Beamon Anderson  
Alma Mae Beamon Anderson  
M. P. Anderson  
M. P. Anderson

Date: \_\_\_\_\_

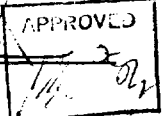
Date: \_\_\_\_\_

Approved and Consented to:  
COLORADO OIL AND GAS CORPORATION

BY: [Signature]  
Vice President  
Working Interest Owner

Approved and Consented to:  
STANOLIND OIL AND GAS COMPANY

BY: [Signature]  
Vice President  
Working Interest Owner

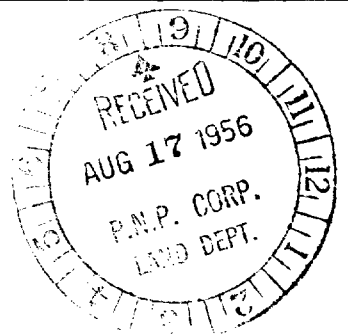


Date: \_\_\_\_\_

Approved and Consented to:  
PACIFIC NORTHWEST PIPELINE CORPORATION

BY: [Signature]  
Vice President  
Working Interest Owner & Unit Operator

DATE: October 9, 1956



STATE OF TEXAS )  
COUNTY OF HARRIS ) SS

On this 11th day of August, 1956, before me personally appeared  
M. P. Anderson and Alma Mae Beamon Anderson, his wife,

to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:  
June 1, 1957

*Dorothy T. Branyan*  
Notary Public

DOROTHY T. BRANYAN  
Notary Public, in and for Harris County, Texas

STATE OF )  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_, before me personally appeared

to me known to be the person\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:  
\_\_\_\_\_

\_\_\_\_\_  
Notary Public

STATE OF )  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_, before me personally appeared

to me known to be the person\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:  
\_\_\_\_\_

\_\_\_\_\_  
Notary Public



PACIFIC NORTHWEST PIPELINE CORPORATION  
ATTENTION 000

SALT LAKE CITY, UTAH

OCT 11 AM 8:00

October 9, 1956

REPLY TO:  
P. O. Box 1526  
SALT LAKE CITY 10, UTAH

Regional Supervisor  
United States Geological Survey  
Post Office Box 6721  
Roswell, New Mexico

Commissioner of Public Lands  
State of New Mexico  
Post Office Box 791  
Santa Fe, New Mexico

Oil Conservation Commission  
State of New Mexico  
Post Office Box 871  
Santa Fe, New Mexico

*file*

Re: Consents - Rosa Unit  
San Juan and Rio Arriba Counties,  
New Mexico

Gentlemen:

The basic royalty of Tract XX - Exhibit "B" to the Rosa Unit Agreement  
is owned as follows:

1/8	Manuel C. Candelaria	1/8 of 5/192	V. H. Johnston
18/64	Dacresa Corporation	1/4 of 5/192	Ralph A. Johnston
7/64	Brookhaven Oil Co.	1/2 of 5/192	First National Bank of
7/64	Paul H. Umbach		Ft. Worth, Trustee for
1/48	Dee Forehand		Eula Mae Johnston
5/96	R. E. Beamon and	1/24 of 5/192	Mrs. Lilly Leona Rogers
	Alma Mae Beamon Anderson	1/24 of 5/192	Orville C. Rogers
5/192	Texas National Petroleum Co.	1/24 of 5/192	Mrs. Vera Jean Gibbard
1/8	W. P. McDonald		
1/8	Allen M. Tonkin		

I am enclosing for your files copies of the following consents:

1. Consent to the Rosa Unit, San Juan and Rio Arriba Counties, New Mexico, executed by Manuel C. Candelaria and Regina Gallegos Candelaria. This instrument was recorded in the County Records of San Juan County, New Mexico on September 17, 1956 in Book 310, Page 49 and also recorded in the County Records of Rio Arriba County, New Mexico on October 1, 1956 in Volume 29, Page 3-4. This commits their interest in Tract XX appearing in Exhibit "B" to the Unit Agreement and any and all other tracts in which they have an interest.

October 9, 1956

2. Consent to the Rosa Unit, San Juan and Rio Arriba Counties, New Mexico, executed by Allen M. Tonkin and Nancy Tonkin. This instrument was recorded in the County Records of San Juan County, New Mexico on September 17, 1956 in Book 310, Page 51 and recorded in the County Records of Rio Arriba County, New Mexico on October 1, 1956 in Volume 29, Page 7-8. This commits their interest in Tract XX appearing in Exhibit "B" to the Unit Agreement and any and all other tracts in which they have an interest.

3. Consent to the Rosa Unit, San Juan and Rio Arriba Counties, New Mexico, executed by Brookhaven Oil Company and Dacresa Corporation. This instrument was recorded in the County Records of San Juan County, New Mexico on September 17, 1956 in Book 310, Page 50 and recorded in the County Records of Rio Arriba County, New Mexico on October 1, 1956 in Volume 29, Page 4-5-6. This commits the interest of Brookhaven Oil Company and Dacresa Corporation in Tract XX appearing in Exhibit "B" to the Rosa Unit Agreement.

Copies of this letter are being sent to all working interest owners within the Rosa Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



Donald L. Anderson, District Manager  
Land Department

DLA:mb

Enc.

11-11 OFFICE 000  
CONSENT 11-11 01:00

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 31-5(Rosa) Unit Area, Rio Arriba County, New Mexico, by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit are as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

Box #31

Arboles, Colorado

Date: July 1, 1956

Manuel C. Candelaria

Regina Sallego Candelaria

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Approved and Consented to:  
COLORADO OIL AND GAS CORPORATION

BY: R. J. Galland  
Vice President  
Working Interest Owner

Date: \_\_\_\_\_

Approved and Consented to:  
STANOLIND OIL AND GAS COMPANY

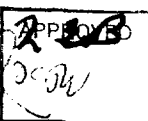
BY: Frank S. Sander  
Vice President  
Working Interest Owner

Date: \_\_\_\_\_

Approved and Consented to:  
PACIFIC NORTHWEST PIPELINE CORPORATION

BY: Alfred B. Smith  
Vice President  
Working Interest Owner & Unit Operator

DATE: September 12, 1956.



STATE OF COLORADO )  
COUNTY OF ARCHULETA ) SS

On this 1st day of July, 1956, before me personally appeared

Manuel C. Candelaria and Regina Gallegos Candelaria, husband and wife

to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission Expires:

James E. Walker  
Notary Public

My Commission expires April 5, 1959

STATE OF )  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission Expires:

\_\_\_\_\_  
Notary Public

STATE OF )  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission Expires:

\_\_\_\_\_  
Notary Public

STATE OF OKLAHOMA )  
COUNTY OF TULSA )

On this 20<sup>th</sup> day of August, 1956, before me appeared FRANK LINDEMAN, JR., to me personally known, who being by me duly sworn, did say that he is the Vice President of STANOLIND OIL AND GAS COMPANY and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said FRANK LINDEMAN, JR. acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 20<sup>th</sup> day of August, 1956.

My commission expires:

My Commission Expires October 4, 1959

Maxine McAdams  
Notary Public Maxine McAdams

STATE OF COLORADO )  
COUNTY OF DENVER )

On this 31st day of August, 1956, before me appeared R. I. GALLAND, to me personally known, who being by me duly sworn, did say that he is the VICE President of COLORADO OIL AND GAS CORPORATION and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said R. I. GALLAND acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 31st day of August 19 56

My commission expires:

May 25, 1958

Douglas R. Jaeger  
Notary Public  
Douglas R. Jaeger

STATE OF Utah )  
COUNTY OF Salt Lake )

On this 12th day of Sept., 1956, before me appeared Allen B. Klatt, to me personally known, who being by me duly sworn, did say that he is the Vice President of Pacific Northwest Pipeline Corp. and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said Allen B. Klatt acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 12th day of Sept., 1956.

My commission expires:

Oct. 6, 1958

George Christensen  
Notary Public

STATE OF OKLAHOMA )  
COUNTY OF TULSA )

On this 20<sup>th</sup> day of August, 1956, before me appeared FRANK LINDEMAN, JR., to me personally known, who being by me duly sworn, did say that he is the Vice President of STANOLIND OIL AND GAS COMPANY and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said FRANK LINDEMAN, JR. acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 20<sup>th</sup> day of August, 1956.

My commission expires:

My Commission Expires October 4, 1959

Maxine M<sup>c</sup> Adams  
Notary Public Maxine McAdams

STATE OF COLORADO )  
COUNTY OF DENVER )

On this 31st day of August, 1956, before me appeared R. I. GALLAND, to me personally known, who being by me duly sworn, did say that he is the Vice President of COLORADO OIL AND GAS CORPORATION and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said R. I. GALLAND acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 31st day of August, 1956.

My commission expires:

May 25, 1958

Douglas R. Jaeger  
Notary Public  
Douglas R. Jaeger

STATE OF Utah )  
COUNTY OF Salt Lake )

On this 12th day of Sept., 1956, before me appeared Allen B. Shatt, to me personally known, who being by me duly sworn, did say that he is the Vice President of Pacific Northwest Pipeline Corp. and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said Allen B. Shatt acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 12th day of Sept., 1956.

My commission expires:

Oct. 6, 1958

George Christensen  
Notary Public

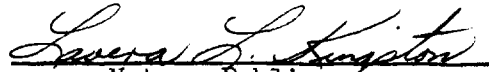
STATE OF ARIZONA

ss.

COUNTY OF MARICOPA

On this 17th day of July, A.D., One Thousand Nine Hundred and Fifty-six, before me personally appeared Thos. B. Scott, Jr., to me personally known who being by me duly sworn, did say that he is the President of Brookhaven Oil Company and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said Thos. B. Scott, Jr. acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on this, the day and year last above written.

  
Notary Public

My Commission expires March 19, 1960

STATE OF ARIZONA

ss.

COUNTY OF MARICOPA

On this 17th day of July, A.D., One Thousand Nine Hundred and Fifty-six, before me personally appeared Thomas B. Scott, Jr., to me personally known who being by me duly sworn, did say that he is the President of Dacresa Corporation and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said Thomas B. Scott, Jr., acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on this, the day and year last above written.

  
Notary Public

My Commission expires March 19, 1960

# CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan Rosa Unit Area, Rio Arriba County, New Mexico by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned concerning their lands or other interests. For the same consideration each of the undersigned ~~severally~~ and agrees that its interest in the land within the unit is as of the date of its execution of this Consent described as follows:

An undivided interest in and to all of the oil, gas, and other minerals and mineral substances in and under, and that may be produced from the following described land situated in Rio Arriba County, State of New Mexico, to-wit:

The Southwest Quarter (SW/4) of Section Twenty (20) and the Northwest Quarter (NW/4) of Section Twenty-nine (29), in Township Thirty-one (31) North, Range Five (5) West, New Mexico Principal Meridian, State of New Mexico, containing 320 acres more or less.

BROOKHAVEN OIL COMPANY - an undivided 7/64 interest  
DACRESA CORPORATION - an undivided 18/64 interest

Date: July 17, 1956.

/President

ATTEST: Margaret H. Self  
Asst. Secretary  
P.O. Box 396, Scottsdale, Arizona

DACRESA CORPORATION

Thomas B. Scott  
President

Date: July 17, 1956.

Date: \_\_\_\_\_  
Approved and Consented to:  
COLORADO OIL AND GAS CORPORATION  
BY: R. S. Galland  
Vice President  
Working Interest Owner

Approved and Consented to:  
STANOLIND OIL AND GAS COMPANY  
BY: Frank J. Judman  
Vice President  
Working Interest Owner

APPROVED  
J. D. W.

Date: \_\_\_\_\_  
Approved and Consented to:  
PACIFIC NORTHWEST PIPELINE CORPORATION  
BY: Allen R. Hiett  
Vice President  
Working Interest Owner & Unit Operator

DATE: September 13, 1956.



STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_  
SS \_\_\_\_\_  
On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instru-  
ment, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal  
the day and year in this certificate above written.

My commission expires:

Notary Public

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_  
SS \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instru-  
ment, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal  
the day and year in this certificate above written.

My commission expires:

Notary Public

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_  
SS \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instru-  
ment, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal  
the day and year in this certificate above written.

My commission expires:

Notary Public

MAIN OFFICE 000

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan Rosa Unit Area, San Juan & ~~County~~ Rio Arriba Counties, New Mexico, by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit are as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

1524 Park Avenue SW

Albuquerque, New Mexico

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Approved and Consented to:  
COLORADO OIL AND GAS CORPORATION

BY: B. J. Ireland  
Vice President  
Working Interest Owner

Date: \_\_\_\_\_

Approved and Consented to:  
PACIFIC NORTHWEST PIPELINE CORPORATION

BY: Allen M. Tonkin  
Vice President  
Working Interest Owner & Unit Operator

DATE: September 13, 1956

SIGNATURE

Allen M. Tonkin  
Allen M. Tonkin

Nancy Tonkin  
Nancy Tonkin

Approved and Consented to:  
STANOLIND OIL AND GAS COMPANY

BY: Frank J. Jundt  
Vice President  
Working Interest Owner

RECEIVED  
9034

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

On this 9th day of August, 1956, before me personally appeared

Allen M. Tonkin

Nancy Tonkin

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission Expires:

10-15-57

Joseph T. Cady Jr.
Notary Public

STATE OF
COUNTY OF

On this day of , 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that executed the same as free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission Expires:

Notary Public

STATE OF
COUNTY OF

On this day of , 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that executed the same as free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission Expires:

Notary Public

STATE OF OKLAHOMA )  
COUNTY OF TULSA )

On this 20<sup>th</sup> day of August, 1956, before me appeared  
FRANK LINDEMAN, JR., to me personally known, who being  
by me duly sworn, did say that he is the Vice President of STANLIND OIL AND GAS COMPANY  
and that the seal affixed to said instru-  
ment is the corporate seal of said corporation, and that said instrument  
was signed and sealed in behalf of said corporation by authority of its  
Board of Directors, and said FRANK LINDEMAN, JR. acknowl-  
edged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 20<sup>th</sup> day of August, 1956.

My commission expires:

My Commission Expires October 4, 1959

Maxine McAdams  
Notary Public Maxine McAdams

STATE OF Colorado )  
COUNTY OF Denver )

On this 31st day of August, 1956, before me appeared  
R. I. GALLAND, to me personally known, who being  
by me duly sworn, did say that he is the Vice President of Stevens  
Refrigeration Corporation and that the seal affixed to said instru-  
ment is the corporate seal of said corporation, and that said instrument  
was signed and sealed in behalf of said corporation by authority of its  
Board of Directors, and said R. I. GALLAND acknowl-  
edged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 31st day of August, 1956.

My commission expires:

My Commission expires May 25, 1958

Douglas R. Jaeger  
Notary Public  
DOUGLAS R. JAEGER

STATE OF Utah )  
COUNTY OF Salt Lake )

On this 12th day of Sept., 1956, before me appeared  
Allen B. Hiatt, to me personally known, who being  
by me duly sworn, did say that he is the Vice President of Pacific  
Northwest Pipeline Corp. and that the seal affixed to said instru-  
ment is the corporate seal of said corporation, and that said instrument  
was signed and sealed in behalf of said corporation by authority of its  
Board of Directors, and said Allen B. Hiatt acknowl-  
edged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 12th day of Sept., 1956.

My commission expires:

Oct. 6, 1958

Laurel Christensen  
Notary Public

*133*

January 9, 1956

Pacific Northwest Pipeline Corporation  
Simms Building  
Albuquerque, New Mexico

*file*

Attention: Mr. R. N. Richey

Re: (Rosa Unit Area )  
1956 Plan of Development

Gentlemen:

We are enclosing one copy of the Rosa Unit Area Plan of Development for Calendar Year 1956, dated December 23, 1955, which was approved by the Commissioner of Public Lands January 6, 1956, subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Very truly yours,

E. S. WALKER  
Commissioner of Public Lands

MMR/m  
enc: 1

cc: USGS-Roswell  
OCC-Santa Fe



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

P. O. Box 6721  
Roswell, New Mexico

February 8, 1956

Pacific Northwest Pipeline Corporation  
Sims Building  
Albuquerque, New Mexico

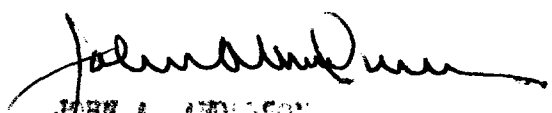
Attention: Mr. R. H. Richey

Gentlemen:

Your plan of development dated December 23, 1955, for the Rosa Unit Area, New Mexico, for the calendar year 1956, has been approved on this date subject to like approval by the appropriate State of New Mexico officials.

One approved copy of the plan is enclosed.

Very truly yours,

  
JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

Enclosure

Copy to: Wash., D.C. (w/copy of plan)  
Farmington (w/copy of plan)  
Comm. of Public Lands, Santa Fe (letter only)  
Oil Comm., Santa Fe (letter only)

ILLEGIBLE

**OIL CONSERVATION COMMISSION**  
P. O. BOX 871  
**SANTA FE, NEW MEXICO**

**January 5, 1955**

*file*

**Pacific Northwest Pipeline Corporation  
Simms Building  
Albuquerque, New Mexico**

**Attention: Mr. R. N. Richey**

**Re: ( Rosa Unit Area  
Rio Arriba and San Juan  
Counties, New Mexico  
1956 Plan of Development**

**Gentlemen:**

**This is to advise that the Rosa Unit Area Plan of Development for calendar year 1956, dated December 23, 1955, has this date been approved by the New Mexico Oil Conservation Commission, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.**

**One approved copy of the plan is returned herewith.**

**Very truly yours,**

**W. B. Macey  
Secretary-Director**

**WBM:jh  
cc: U. S. Geological Survey, Roswell  
Commissioner of Public Lands**

**C  
O  
P  
Y**

# PACIFIC NORTHWEST PIPELINE CORPORATION

PHONE 3-3547 • SIMMS BUILDING

ALBUQUERQUE, NEW MEXICO

December 23, 1955

Re: Rosa Unit Area, Rio Arriba  
and San Juan Counties, N.M.  
PLAN OF DEVELOPMENT FOR THE  
CALENDAR YEAR 1956.

Director,  
United States Geological Survey  
Department of the Interior  
Roswell, New Mexico.

Commissioner of Public Lands  
of the State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico.

Oil Conservation Commission  
of the State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico.

Gentlemen:

Pursuant to Section 9 of the Rosa Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, submitted for your approval on July 19, 1955 a Plan of Development for the above captioned unit for the period during the remainder of the calendar year 1955. This Plan of Development provided for the drilling of two wells which were to be located in the SW $\frac{1}{4}$  of Sec. 11 and SW $\frac{1}{4}$  of Sec. 26, T 31N, R 6W. The well in the SW $\frac{1}{4}$  of Sec. 26, T 31N, R 6W was completed on August 24, 1955 with an initial potential of 2,099 Mcfgpd and the well in the SW $\frac{1}{4}$  of Sec. 11, T 31N, R 6W was completed on September 27, 1955 with an initial potential of 3,900 Mcfgpd. In addition to the two wells listed on the 1955 Plan of Development, a third well was drilled and was completed on December 12, 1955 for an initial potential of 3,623 Mcfgpd. This third well was located in the SW $\frac{1}{4}$  of Sec. 13, T 31N, R 6W. These three wells were all completed in the Mesaverde Formation.

Pacific Northwest Pipeline Corporation, as Unit Operator is submitting the following Plan of Development providing for the development of wells during the period from January 1, 1956 to December 31, 1956. All of these wells will be drilled to the Mesaverde Formation unless production is obtained at a shallower depth.

## LOCATION

W $\frac{1}{2}$  Sec. 8, T 31N, R 5W  
E $\frac{1}{2}$  Sec. 29, T 31N, R 5W  
E $\frac{1}{2}$  Sec. 31, T 31N, R 5W  
E $\frac{1}{2}$  Sec. 8, T 31N, R 6W  
E $\frac{1}{2}$  Sec. 15, T 31N, R 6W

The above wells will be drilled to intermediate casing point with conventional hydraulic rotary tools and the pay section will be drilled with gas tools. After running production casing through the producing formation, the gas sands will selectively perforated and fraced.



Re: Rosa Unit

-2-

December 23, 1955

In addition to the above wells, Pacific Northwest Pipeline, as Unit Operator, also plans to drill any offset wells required to prevent drainage of unitized substances.

If this drilling program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided below and return an approved copy to Pacific Northwest Pipeline Corporation.

Copies of this drilling program are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

  
R. N. RICHEY, Manager,  
Land Department.

RNR:DNC:gm

APPROVED: \_\_\_\_\_

Supervisor, United States Geological Survey

DATE: \_\_\_\_\_

Subject to like approval by the appropriate State officials.

APPROVED: \_\_\_\_\_

Commissioner of Public Lands

DATE: \_\_\_\_\_

Subject to like approval by the U.S.G.S. and Oil Conservation Commission.

APPROVED: \_\_\_\_\_

  
Oil Conservation Commission

DATE: \_\_\_\_\_

JAN 5 1956

Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

ROSA UNIT

Working Interest Owners

Neville G. Penrose  
1815 Fair Building  
Fort Worth 2, Texas.

Colorado Oil and Gas Company  
Denver Club Building  
Denver, Colorado.

Mr. J. Glenn Turner  
Messrs. Turner, White, Atwood, McLaren & Francis  
17th Floor, Mercantile Bank Building  
Dallas 1, Texas.

John R. Bernard  
P. O. Box 1706  
Santa Fe, New Mexico.

D. R. Ponder & W. K. Ponder  
2730 Richmond Street  
El Paso, Texas.

C. L. Collins & Iva E. Collins  
Las Vegas, New Mexico

E. H. Dellinger  
Las Vegas, New Mexico.

Virginia O. Cornell  
Santa Fe, New Mexico.

Esther Barton  
Las Vegas, New Mexico.

# PACIFIC NORTHWEST PIPELINE CORPORATION

PHONE 3-3547 • SIMMS BUILDING

ALBUQUERQUE, NEW MEXICO  
December 20, 1955

Re: Application for approval of  
Mesaverde Participating Area  
for the Rosa Unit I-Sec. 587,  
San Juan and Rio Arriba Counties,  
New Mexico.

Director,  
United States Geological Survey  
Department of the Interior  
Roswell, New Mexico.

Commissioner of Public Lands  
of the State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico.

Oil Conservation Commission  
of the State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico.

Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement approved by the Director of the United States Geological Survey, The Commissioner of Public Lands of the State of New Mexico and the Oil Conservation Commission of the State of New Mexico affecting lands in the Rosa Unit Area in San Juan and Rio Arriba Counties, New Mexico, Pacific Northwest Pipeline Corporation, as Unit Operator, hereby submits for your approval a selection of lands to constitute the initial participating area for the Mesaverde Zone.

The unit discovery well, located in the NE $\frac{1}{4}$  of Sec. 26, T 31N, R 6W was completed as of 12/29/52 with an initial potential of 548 Mcfgpd. This well has been shut-in since completion awaiting a market outlet from this particular portion of the San Juan Basin.

The following wells have been completed subsequent to the date of the unit discovery and are also shut-in awaiting the completion of Pacific Northwest Pipeline Corporation's pipeline and gathering system:

<u>WELL NAME</u>	<u>LOCATION</u>	<u>COMPLETION DATE</u>	<u>INITIAL PRODUCTION</u>
8-26	✓ SW $\frac{1}{4}$ Sec. 26, T 31N, R 6W	8/24/55	2,099 Mcfgpd.
9-11	✓ SW $\frac{1}{4}$ Sec. 11, T 31N, R 6W	9/27/55	3,900 Mcfgpd.
10-13	SW $\frac{1}{4}$ Sec. 13, T 31N, R 6W	12/12/55	3,623 Mcfgpd.

There has been no production and sale of unitized substances from the wells completed upon the Rosa Unit as of the date of this letter and therefore, the lands selected by Pacific Northwest Pipeline Corporation to constitute the Rosa Unit initial participating area for the Mesaverde zone are as follows:

<u>T 31 N, R 6W</u>		<u>ACRES</u>
Sec. 11:	All	640.00
Sec. 13:	All	543.28
Sec. 14:	All	640.00
Sec. 23:	All	640.00
Sec. 24:	All	543.92
Sec. 26:	All	640.00
TOTAL		3647.20

The working interest under leases on the above described lands which have been committed to the unit is vested 100% in Pacific Northwest Pipeline Corporation.

Royalties in the amount of 12.5% are payable on production from these lands to the United States under the provisions of Federal Leases SF 078771 and SF 078767.

In support of this application the applicant attaches hereto and makes a part hereof the following items:

- 1) The map marked Exhibit "A" showing the Rosa Unit and the proposed Participating Area for the Mesaverde Zone.
- 2) A schedule marked Exhibit "B" showing the leases included in the proposed Participating Area and setting forth a percentage of unitized substances to be allocated to each unitized tract within the proposed Participating Area.
- 3) Brief Geological and Engineering memorandum marked Exhibit "C" discussing the general area of the proposed initial participating area.

Pacific Northwest Pipeline Corporation respectfully requests that the Director, The Commissioner, and the Oil Conservation Commission approve this selection of lands to constitute the initial Mesaverde Participating Area for the Rosa Unit to be effective as of the 12th day of December 1955, the completion date of the latest well drilled upon the unit area.

Dated this 20th day of December, 1955.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

  
R. N. RICHEY, Manager,  
Land Department.

RNR:DNC:gm

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
Director, United States Geological Survey

Subject to like approval by appropriate State Officials.

APPROVED: Eswaren DATE: January 11, 1956  
Commissioner of Public Lands

Subject to like approval by U.S.G.S. and Oil Conservation Commission.

APPROVED: W B Macey DATE: FEB 1 - 1956  
Oil Conservation Commission

Subject to like approval by U.S.G.S. and Commissioner of Public Lands.