

Revised Exhibit "B"

For

Oil Conservation Commission

EXHIBIT "B"

SCHEDULE OF LANDS SHOWING OWNERSHIP OF OIL & GAS INTERESTS WITHIN PROPOSED MESAVERDE
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
<u>T-31-N - R-6-W</u>							
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							
<u>T-31-N - R-6-W</u>							
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							
<u>T-31-N - R-6-W</u>							
Sec. 15: E/2	320.00	SF 078765	12.5%	.556523%	87.5%	3.895663%	4.452186%
<u>T-31-N - R-6-W</u>							
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							
<u>T-31-N - R-5-W</u>							
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							
<u>T-31-N - R-5-W</u>							
Sec. 29: S/2 NE/4 E/2 SE/4	160.00	SF 079165	12.5%	.278262%	87.5%	1.947831%	2.226093%
<u>T-31-N - R-5-W</u>							
Sec. 20: SW/4	320.00	FEE	12.5%	.556523%	87.5%	3.895663%	4.452186%
Sec. 29: NW/4							
<u>T-31-N - R-5-W</u>							
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 MESAVERDE
SECOND EXPANDED PARTICIPATING AREA FOR ROSA UNIT, RIO ARRIBA & SAN JUAN COUNTIES, NEW MEXICO

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Sec. 23: ALL							
Sec. 26: ALL							
<u>T-31-N - R-6-W</u>							
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							
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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							
<u>T-31-N - R-5-W</u>							
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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.

130

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
O
P
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.

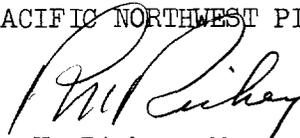
Re: Rosa Unit

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.

LAND OFFICE OCC

UNDEC 21 AM 8:51

December 21, 1956

file Rosa Unit Part. Area

C
O
P
Y

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

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

C
O
P
Y

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

Attention: Mr. E. 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:ir

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



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
R. 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: Gen. Div., Wash. (w/1 copy of plan)
Farmington (w/1 copy of plan)
MDOG, Santa Fe (1tr only)

11-19-56
11-19-56

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 Forma-
tion 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

Handwritten note:
at 10:30 AM

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:

<u>T-31-N, R-5-W</u>	<u>T-31-N, R-6-W</u>
Sec. 8: W/2	Sec. 8: E/2
Sec. 29: E/2 ✓	Sec. 15: E/2 ✓
Sec. 31: E/2 ✓	

Of the above locations, three wells have been completed:

<u>Well No.</u>	<u>Location</u>	<u>Initial Potential Thru 3/4" Choke</u>
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

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

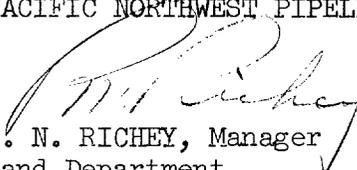
These two additional wells will be drilled to intermediate casing point with conventional hydraulic rotary tools and the pay section will be drilled with gas tools. After running production casing through the producing formation, the gas sands will be selectively perforated and fraced.

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,

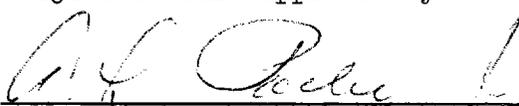
PACIFIC NORTHWEST PIPELINE CORPORATION


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



*Case
133*

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAIN OFFICE OCC

P. O. Box 6721
Roswell, New Mexico

1955 MAY 11 PM 1:27

May 10, 1956

file

Pacific Northwest Pipeline Corporation
Simms 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
1956 MAY 17 AM 8:21

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


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, 1958

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.

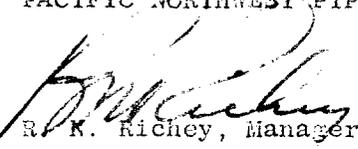
TO: Township 31 North, Range 5 West, Section 14: NE/4,
Mesaverde Well.
Township 31 North, Range 6 West, Section 23: NE/4,
Mesaverde Well.

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

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

file

Attention: Mr. R. N. Richey

Re: Rosa Unit

**~~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**

C
O
P
Y

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
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, ^{Rio Arriba Counties} San Juan & ~~XCOUNTY~~ NEW MEXICO, 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

811 18th Street

Boulder, Colorado

Date: Sept. 25, 1956

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. Morrison

Vice President
Working Interest Owner

Approved and Consented to:
STANOLIND OIL AND GAS COMPANY
BY: Frank Henderson

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 & ~~CONTE~~ 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

Alma Mae Beaman Anderson
Alma Mae Beaman Anderson
M. P. Anderson
M. P. Anderson

Date: August 11, 1956

Date:

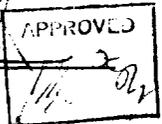
Date:

Approved and Consented to:
COLORADO OIL AND GAS CORPORATION

BY: *J. P. Moroney*
Vice President
Working Interest Owner

Approved and Consented to:
STANOLIND OIL AND GAS COMPANY

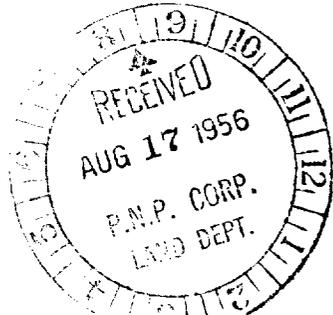
BY: *Frank Sunders*
Vice President
Working Interest Owner



Approved and Consented to:
PACIFIC NORTHWEST PIPELINE CORPORATION

BY: *Alfred H. ...*
Vice President
Working Interest Owner & Unit Operator

DATE: October 9, 1956



STATE OF TEXAS)
) SS
COUNTY OF HARRIS)

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
SALT LAKE CITY, UTAH

SALT LAKE CITY, UTAH

10 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 Ft. Worth, Trustee for
7/64	Paul H. Umbach		Eula Mae Johnston
1/48	Dee Forehand		
5/96	R. E. Beamon and Alma Mae Beamon Anderson	1/24 of 5/192	Mrs. Lilly Leona Rogers
5/192	Texas National Petroleum Co.	1/24 of 5/192	Orville C. Rogers
1/8	W. P. McDonald	1/24 of 5/192	Mrs. Vera Jean Gibbard
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.

11-11-1956
CONSENT

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

Manuel C. Candelaria

Arboles, Colorado

Regina Gallegos Candelaria

Date: July 1, 1956

Date: _____

Date: _____

Approved and Consented to:
COLORADO OIL AND GAS CORPORATION

Approved and Consented to:
STANOLIND OIL AND GAS COMPANY

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

BY: Frank Zundman
Vice President
Working Interest Owner

APPROVED
JCS

Date: _____

Approved and Consented to:
PACIFIC NORTHWEST PIPELINE CORPORATION

BY: Alfred Elliott
Vice President
Working Interest Owner & Unit Operator

DATE: September 12, 1956.

APPROVED
PWR

STATE OF COLORADO)
) SS
COUNTY OF ARCHULETA)

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:

My Commission expires April 5, 1959

James E. Walker
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 20th 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 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 20th 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. Hiett, 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. Hiett 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 20th 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 20th 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, 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. Skott, 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. Skott 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.

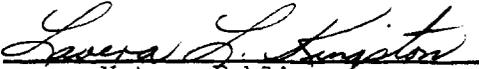
My commission expires:
Oct. 6, 1958

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.

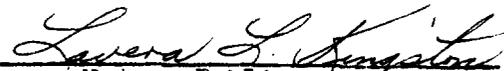

Notary Public

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 ~~the same~~ such obligations to the ~~landowner~~ ~~under such leases or other contracts~~. 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 S. 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 Spindeman
Vice President
Working Interest Owner

APPROVED
R. S. Galland

Date: _____
Approved and Consented to:
PACIFIC NORTHWEST PIPELINE CORPORATION
BY: Allen H. Heath
Vice President
Working Interest Owner & Unit Operator

DATE: September 13, 1956.

Notary Public

My commission expires:

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

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

Notary Public

My commission expires:

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

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

Notary Public

My commission expires:

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

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

MAIN OFFICE COO

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

SIGNATURE

1524 Park Avenue SW

Allen M. Tonkin
Allen M. Tonkin

Albuquerque, New Mexico

Date: _____

Nancy Tonkin
Nancy Tonkin

Date: _____

Date: _____

Approved and Consented to:
COLORADO OIL AND GAS CORPORATION

Approved and Consented to:
STANOLIND OIL AND GAS COMPANY

BY: *B. Garland*
Vice President
Working Interest Owner

BY: *Frank J. ...*
Vice President
Working Interest Owner

Handwritten initials and date
9034

Date: _____

Approved and Consented to:
PACIFIC NORTHWEST PIPELINE CORPORATION

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

DATE: September 13, 1956

Handwritten initials

STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO

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

Allen M. Tonkin

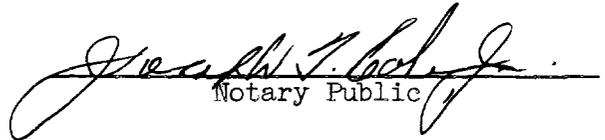
Nancy Tonkin

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


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 20th 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 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 20th day of August, 1956.

My commission expires:

My Commission Expires October 4, 1959

Maxine McAdams
Notary Public Maxine McAdams

STATE OF Alaska)
COUNTY OF Denali)

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 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:

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 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. Hiatt 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

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

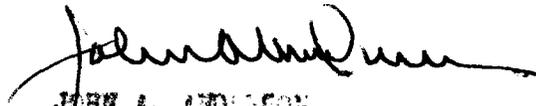
Attention: Mr. R. H. Richey

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

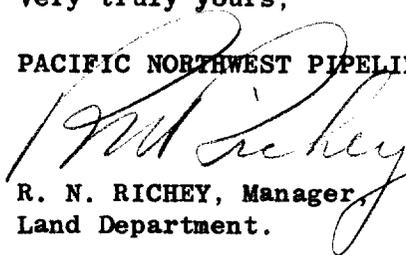
In addition to the above wells, Pacific Northwest Pipeline, as Unit Operator, also plans to drill any offset wells required to prevent drainage of unitized substances.

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.

*return to
Jae*

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:

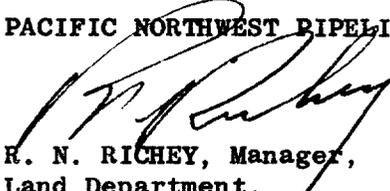
- 1) The map marked Exhibit "A" showing the Rosa Unit and the proposed Participating Area for the Mesaverde Zone.
- 2) A schedule marked Exhibit "B" showing the leases included in the proposed Participating Area and setting forth a percentage of unitized substances to be allocated to each unitized tract 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.

APPROVED: _____ DATE: _____
Director, United States Geological Survey

Subject to like approval by appropriate State Officials.

APPROVED: Eswalker 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.