

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING
P.O. BOX 90
FARMINGTON, NEW MEXICO 87499

4320-PD-124-88

November 11, 1988

NMOCC

Attn: Bill LeMay
310 Old Santa Fe Trail
Room #206
Santa Fe, NM 87503

Re: Unorthodox Location - Rosa Unit #227

Dear Mr. LeMay:

Northwest Pipeline requests permission to drill a Fruitland well on an unorthodox location due to:

- 1) A large archaeological site density on top of the bluff edge and also a recorded site at the bottom of the slope.
- 2) The original survey of Sec. 7 resulted in the W/2 being 1185' wide making it impossible to comply with a 790' offset from section lines.
- 3) A fenced in study area just north of the proposed site.

Northwest Pipeline is the only operator in the Rosa Unit thus no notification of offset operators is being done.

Attached is a plat and topo map.

Sincerely,

Mike J. Turnbaugh
Mike J. Turnbaugh
Sr. Engineer

MJT/ch
attch

*- needs map being
submitted to Rule 6*

231.98 acres 72.47%

*12/1/88 use further
hole eval.*

All distances must be from the outer boundaries of the section

OCT 27 1988

Operator Northwest Pipeline Corporation			Lease Rosa Unit PRODUCTION AND DRILLING		Well No. 227
Unit Letter N	Section 7	Township 31 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well					
300 feet from the South line and		225 feet from the West line			
Ground Level Elev. 6525	Producing Formation Fruitland	Pool Basin Fruitland Pool	Dedicated Acreage 231.9 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plot below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

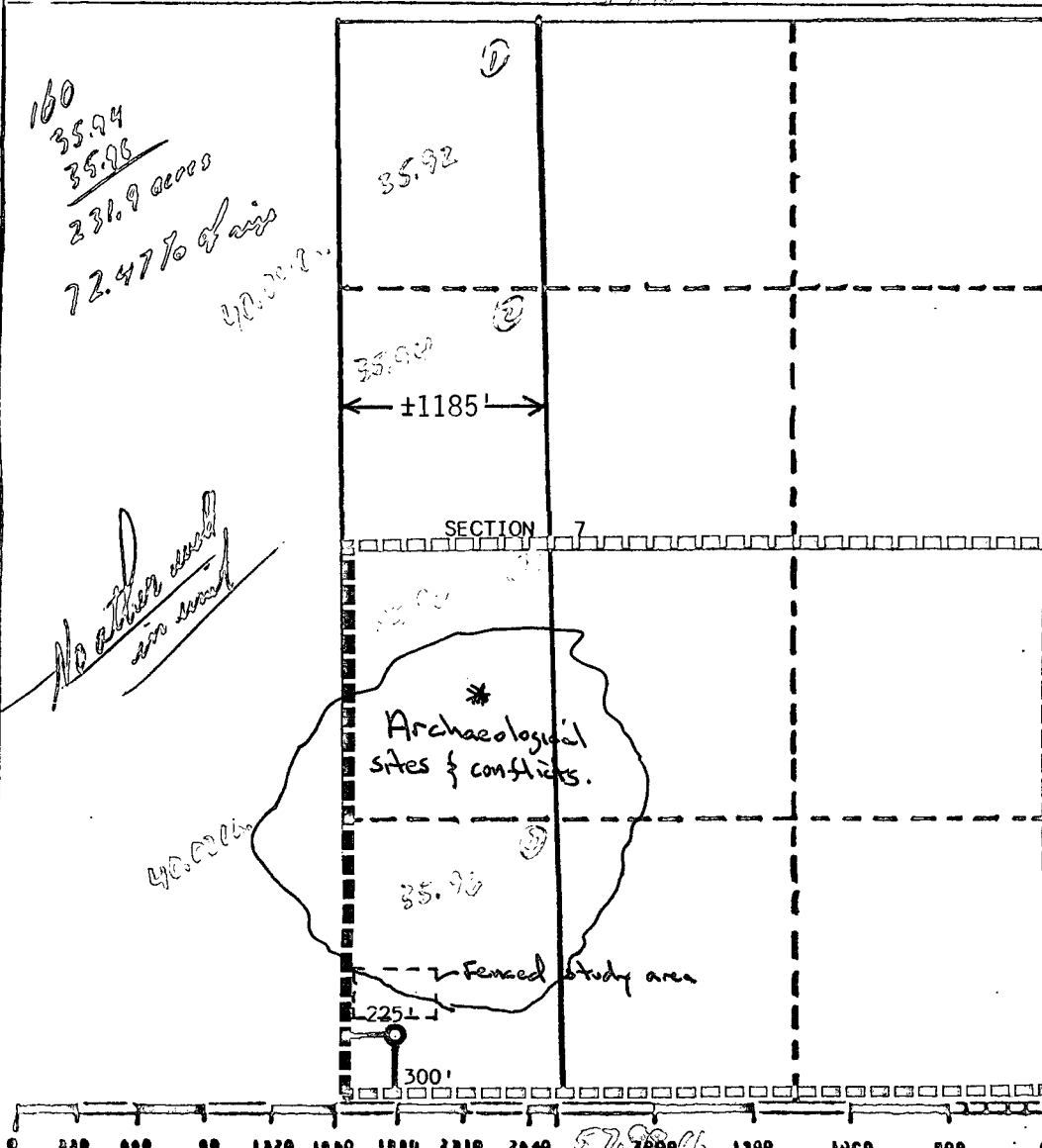
☒ Yes ☐ No If answer is "yes," type of consolidation unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

57.96 ac.

E/P



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Mike Turnbaugh

Name
Mike Turnbaugh

Position
Senior Engineer

Company
Northwest Pipeline Corp.

Date
11-1-88



Date Received
October 6, 1988

Registered Professional Engineer
and/or Land Surveyor

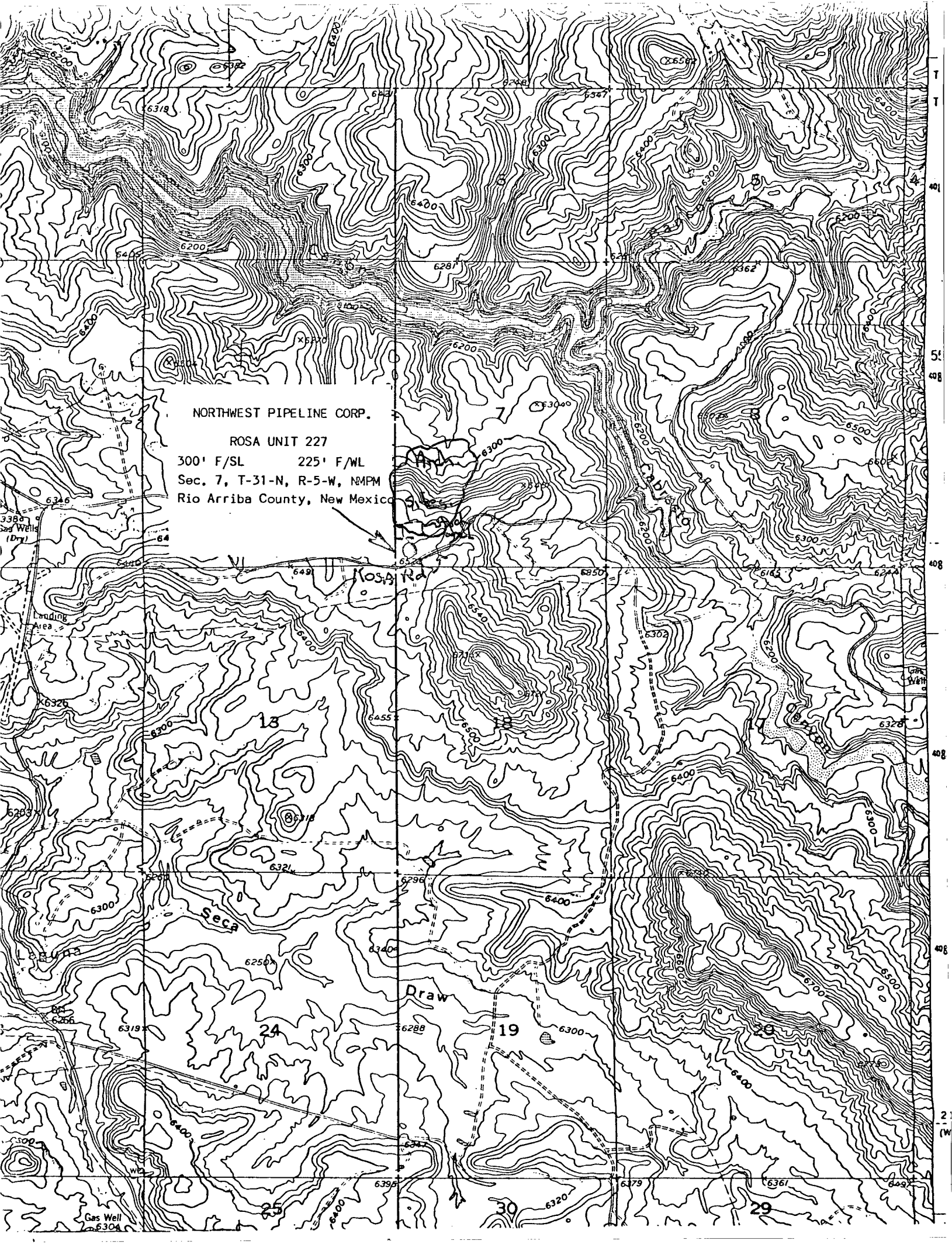
Edgar L. Risenhoover

Certificate No. 5979
Edgar L. Risenhoover, L.S.

NORTHWEST PIPELINE CORP.

ROSA UNIT 227

300' F/SL 225' F/WL
Sec. 7, T-31-N, R-5-W, NMPM
Rio Arriba County, New Mexico





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 N. C. BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

NOV 30 1988

DATE 11-23-88

RE: Proposed HC _____
Proposed DIIC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

NSP X

Gentlemen:

I have examined the application dated 11-17-88
for the NORTHWEST PIPELINE ROSA UNIT #227 N-7-31N-SW
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

APPROVE

Yours truly,

Jan Busch

ROSA

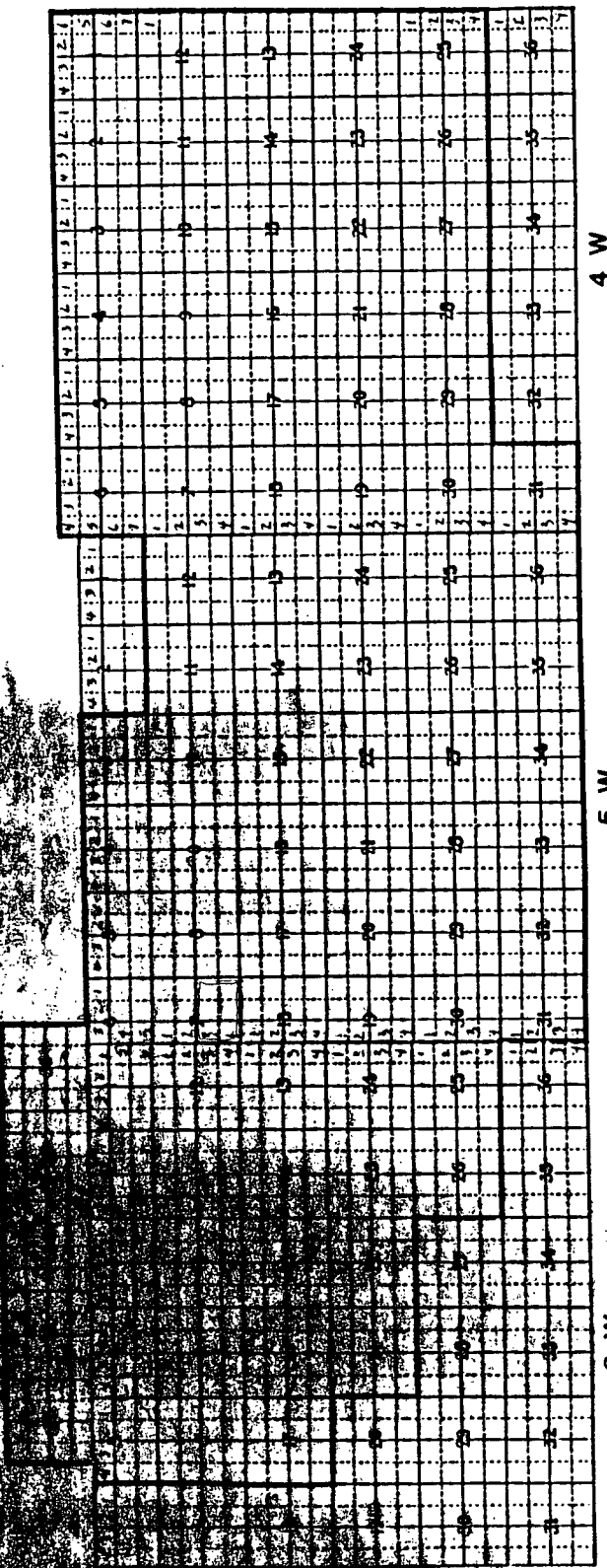
STUDY AREA - SAN JUAN COUNTIES
NEW MEXICO

566 No. 587

EFFECTIVE 6-24-48

32 N

31 N



guilram inc.

clients engineering and environmental consultants

11-87

ROSA UNIT

San Juan and Rio Arriba Counties, New Mexico

Order No. 759. Approving Rosa Unit, San Juan and Rio Arriba Counties, New Mexico, Dated April 22, 1948.

Note: Present Operator of Unit: Pacific Northwest Pipeline (August, 1959.)

The Application of Stanolind Oil and Gas Company, Petitioner, for an Order of Approval of proposed Rosa Area Unit Agreement, the Unit Area of which embraces 54,209.49 acres, more or less, in Township 31 North, Ranges 4, 5, and 6 West and Township 32 North, Range 6 West, in the Counties of San Juan and Rio Arriba, New Mexico.

CASE NO. 133

Order No. 759

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 10:00 o'clock a.m. April 22, 1948, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this the 22nd day of April, 1948, the Commission having before it for consideration the testimony and other evidence adduced at the hearing of said case and the application of petitioner and being fully advised in the premises:

FINDS that the proposed unit plan will in principle tend to promote the conservation of oil and gas and the prevention of waste, and that such plan is fair to the royalty owners and other interest owners;

IT IS THEREFORE ORDERED:

That the order herein shall be known as the:

"ROSA UNIT AGREEMENT ORDER"

SECTION 1. That the project herein shall be known as the Rosa Unit Agreement and shall hereinafter be referred to as the project.

SECTION 2. That the plan by which the project shall be operated shall be embodied in the form of unit agreement for the development and operation of the Rosa Unit Area referred to in the petitioner's application and as finally submitted to the Commission in duplicate written form as a part of the testimony adduced at said hearing of April 22, 1948; and such plan shall be known as the Rosa Unit Agreement Plan.

SECTION 3. That the Rosa Agreement Plan shall be and shall be operated as a proper conservation measure, notwithstanding any of the provisions of said Unit Agreement, this approval of said plan shall be considered as waiving or relinquishing the rights of the unit operator or operators which are not

or may hereafter be vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations for exploration and development of any lands committed to said Rosa Unit Agreement or relative to the production of oil and gas therefrom.

SECTION 3. (a) That the Unit area shall consist of: NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO, (San Juan and Rio Arriba Counties)

TOWNSHIP 31 NORTH, RANGE 4 WEST

Sections 1, 2, 3, 4, 5, 6, 7, 8,
9, 10, 11, 12, 13, 14,
15, 16, 17, 18, 19, 20,
21, 22, 23, 24, 25, 26,
27, 28, 29, 30, 31: All

TOWNSHIP 31 NORTH, RANGE 5 WEST

Sections 3, 4, 5, 6, 7, 8, 9, 10,
11, 12, 13, 14, 15, 16,
17, 18, 19, 20, 21, 22,
23, 24, 25, 26, 27, 28,
29, 30, 31, 32, 33, 34
35, 36: All

TOWNSHIP 31 NORTH, RANGE 6 WEST

Sections 1, 2, 3, 4, 5, 8, 9, 10,
11, 12, 13, 14, 15, 16,
17, 21, 22, 23, 24, 25,
26: All

TOWNSHIP 32 NORTH, RANGE 6 WEST

Sections 32, 33, 34, 35, 36: All
total unit area 54,209.49 acres more or less.

(b) That the Unit area may be enlarged or diminished as provided in said plan.

SECTION 4. That the unit operator shall file with the Commission an executed original, or executed counterparts thereof, of the Rosa Unit Agreement not later than 30 days after the effective date thereof.

SECTION 5. That any party owning rights in the unitized substances who does not commit such rights to said Unit Agreement before the effective date thereof may thereafter become a party thereto by subscribing to such Agreement or a counterpart thereof in the manner and with the effect therein expressly provided. The unit operator shall file with the Commission within 30 days thereafter an original of any such counterpart.

SECTION 6. That the order herein shall become effective as of the first day of the calendar month next following the approval of said Unit Agreement by the Commissioner of Public Lands and the Secretary of the Interior of the United States, and it shall terminate ipso facto upon the termination of said Unit Agreement. The last unit operator shall immediately notify the Commission in writing of any such termination.

Dec. 1, 1988

- Talked w/ ~~Richard~~ Mike Turnbush concerning these filings, will submit VSP's.
- Also #241 to set for hearing.
- #222 is being withdrawn all is standard.

#227

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING
P.O. BOX 90
FARMINGTON, NEW MEXICO 87499
4320-PD-127-88

Rec. 12/22/88

December 6, 1988

NMOCD
Attn: Mike Stogner
310 Old Santa Fe Trail
Room #206
Santa Fe, NM 87503

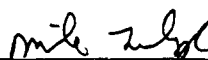
Dear Mr. Stogner:

In reference to the Rosa Unit #231 unorthodox location (SW/4 Sec. 31, T31N, R5W). Northwest Pipeline is the operator of both the San Juan 30-5 and San Juan 31-6 Units, thus no notification of offset operators is needed.

Also enclosed for your review are the "Applications for Non-Standard Proration Units" of the Rosa wells: 209, 210, 218, 219, 220, 221, 223, 225, 226, 227, 228, 230, 231, 233, 236, 237, 238, 239, 240 & 241.

All the offset operators outside the Rosa Unit have been notified where necessary, via certified mail and those letters are also attached.

Sincerely,


Mike Turnbaugh
Senior Engineer

MJT/ch

cc. E. Busch

1/11/89

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING
3539 East 30th Street
Farmington, New Mexico 87401
4320-PD-135-88

December 7, 1988

NMOCD
Attn: Bill Lemay
310 Old Santa Fe Trail
Room #206
Santa Fe, NM 87503

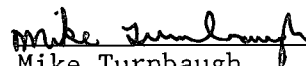
Re: Application for Non-Standard
Gas Proration Unit
Rosa Unit #227
SW/4 Sec. 7, T31N, R5W
Dedicated Acreage: 231.9 (S/2)

$231.9 / 320 = 72.47\%$

Dear Mr. Lemay:

Northwest Pipeline Corporation requests permission to produce the above captioned well as a Non-Standard Gas Unit. The unorthodox size of this unit is necessitated by a variation in the legal subdivision of the U.S. Public Land Survey. The offset operators have been notified where applicable of our intentions by certified mail and they will forward any objections directly to your office. Copies of these letters along with the receipts for certified mail are enclosed.

Sincerely,


Mike Turnbaugh
Senior Engineer

MJT/ch

ROSA UNIT

San Juan and Rio Arriba Counties, New Mexico

Order No. 759, Approving Rosa Unit, San Juan and Rio Arriba Counties, New Mexico, Dated April 22, 1948.

Note: Present Operator of Unit: Pacific Northwest Pipeline (August, 1959.)

The Application of Stanolind Oil and Gas Company, Petitioner, for an Order of Approval of proposed Rosa Area Unit Agreement, the Unit Area of which embraces 54,209.49 acres, more or less, in Township 31 North, Ranges 4, 5, and 6 West and Township 32 North, Range 6 West, in the Counties of San Juan and Rio Arriba, New Mexico.

CASE NO. 133
Order No. 759

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 10:00 o'clock a.m. April 22, 1948, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this the 22nd day of April, 1948, the Commission having before it for consideration the testimony and other evidence adduced at the hearing of said case and the application of petitioner and being fully advised in the premises:

FINDS that the proposed unit plan will in principle tend to promote the conservation of oil and gas and the prevention of waste, and that such plan is fair to the royalty owners and other interest owners;

IT IS THEREFORE ORDERED:

That the order herein shall be known as the:

"ROSA UNIT AGREEMENT ORDER"

SECTION 1. (a) That the project herein shall be known as the Rosa Unit Agreement and shall hereinafter be referred to as the Project.

(b) That the plan by which the Project shall be operated shall be embraced in the form of unit agreement for the development and operation of the Rosa Unit Area referred to in the petitioner's application and as finally submitted to the Commission in definitive revised form as a part of the testimony adduced at said hearing of April 22, 1948; and such plan shall be known as the Rosa Unit Agreement Plan.

SECTION 2. That the Rosa Agreement Plan shall be and is hereby approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said Unit Agreement, this approval of said agreement shall not be considered as waiving or relinquishing in any manner any rights, duties or obligations which are now

or may hereafter be vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations for exploration and development of any lands committed to said Rosa Unit Agreement or relative to the production of oil and gas therefrom.

SECTION 3. (a) That the Unit area shall consist of: NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO, (San Juan and Rio Arriba Counties)

TOWNSHIP 31 NORTH, RANGE 4 WEST

Sections 1, 2, 3, 4, 5, 6, 7, 8,
9, 10, 11, 12, 13, 14,
15, 16, 17, 18, 19, 20,
21, 22, 23, 24, 25, 26,
27, 28, 29, 30, 31: All

TOWNSHIP 31 NORTH, RANGE 5 WEST

Sections 3, 4, 5, 6, 7, 8, 9, 10,
11, 12, 13, 14, 15, 16,
17, 18, 19, 20, 21, 22,
23, 24, 25, 26, 27, 28,
29, 30, 31, 32, 33, 34
35, 36: All

TOWNSHIP 31 NORTH, RANGE 6 WEST

Sections 1, 2, 3, 4, 5, 8, 9, 10,
11, 12, 13, 14, 15, 16,
17, 21, 22, 23, 24, 25,
26: All

TOWNSHIP 32 NORTH, RANGE 6 WEST

Sections 32, 33, 34, 35, 36: All
total unit area 54,209.49 acres more or less.

(b) That the Unit area may be enlarged or diminished as provided in said plan.

SECTION 4. That the unit operator shall file with the Commission an executed original, or executed counterparts thereof, of the Rosa Unit Agreement not later than 30 days after the effective date thereof.

SECTION 5. That any party owning rights in the unitized substances who does not commit such rights to said Unit Agreement before the effective date thereof may thereafter become a party thereto by subscribing to such Agreement or a counterpart thereof in the manner and with the effect therein expressly provided. The unit operator shall file with the Commission within 30 days thereafter an original of any such counterpart.


SECTION 6. That the order herein shall become effective as of the first day of the calendar month next following the approval of said Unit Agreement by the Commissioner of Public Lands and the Secretary of the Interior of the United States, and it shall terminate ipso facto upon the termination of said Unit Agreement. The last unit operator shall immediately notify the Commission in writing of any such termination.

E:

36

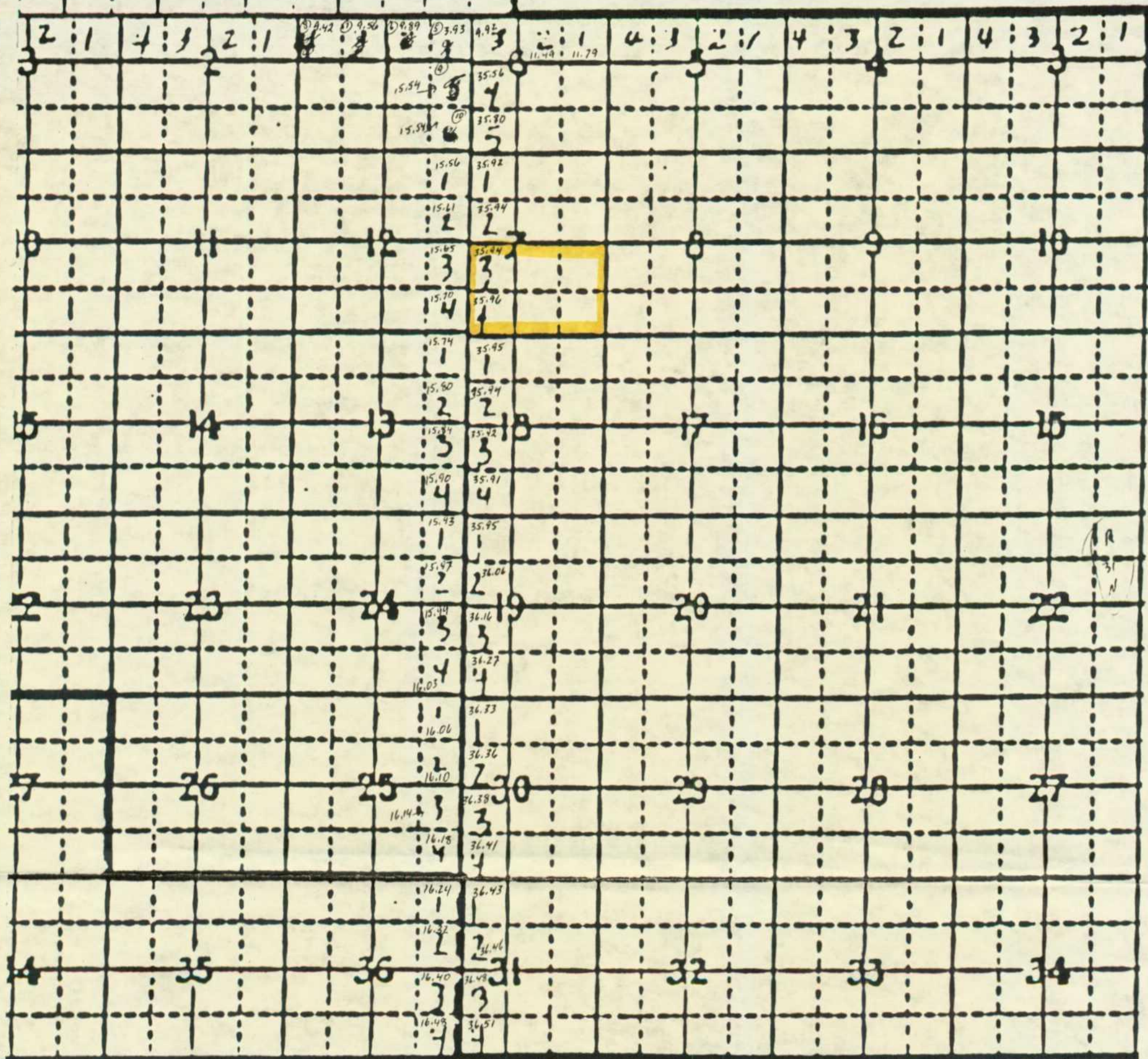


Scale in Thousand

- 
- RESERVES AND EVALUATION
NORTHWEST PIPELINE

GROSS SAND THICK
Middle Dakota Sar
40 OHMS Cut-Off
(44') From Gamma-Neutr

Compiled: <i>K.C. Bowman / C. Hurst</i>	Date:
Drafting: <i>M.B. Andersen</i>	Revised:



T6W

T5W

5 W

1111
160.00
35.94
35.96
231.90

