

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING  
3539 East 30th Street  
Farmington, New Mexico 87401  
4320-PD-072-89

July 25, 1989

State Of New Mexico  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

**RECEIVED**

JUL 27 1989

OIL CONSERVATION DIV.  
SANTA FE

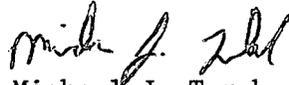
Reference: Rosa Unit Well No. 203

Mr. Stogner:

The subject well was drilled in 1988 prior to the implementation of the current "Basin Fruitland Pool", rules (Order No. 8768), requiring wells to be staked in the NE and SW quarters.

Northwest Pipeline will require unorthodox location approved at this well.

Sincerely,

  
Michael J. Turnbaugh  
Senior Engineer

hv/MJT165

MINERAL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-10  
Revised 10-

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

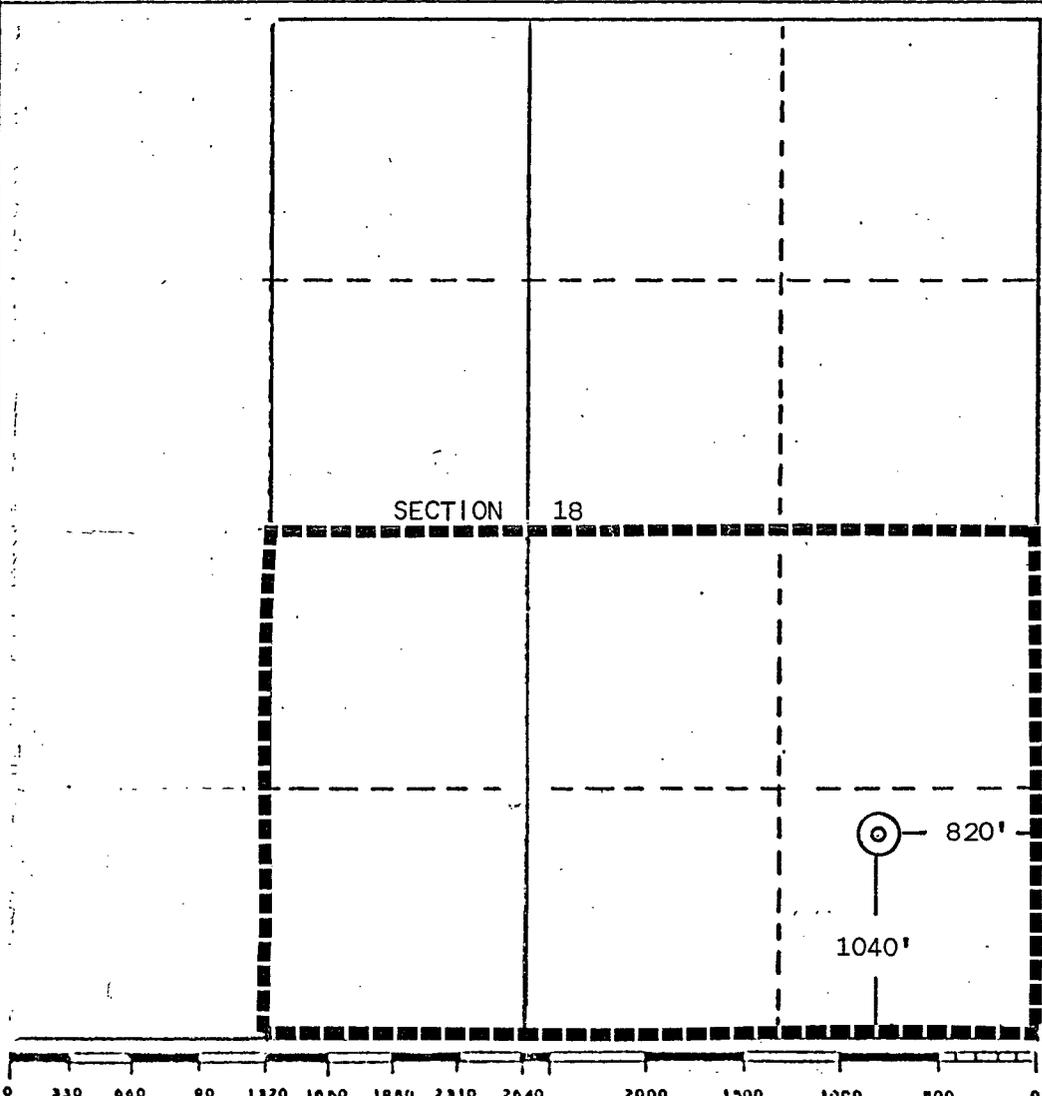
Operator Northwest Pipeline Corporation		Lease Rosa Unit			Well No. 203
Unit Letter P	Section 18	Township 31 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 1040 feet from the South line and 820 feet from the East line					
Ground Level Elev. 6422	Producing Formation Fruitland		Pool Undesignated Fruitland	Dedicated Acreage: 160 231.83 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat 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.



CERTIFICATION

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

*Mike J. Dunbar*  
Name  
Senior Engineer  
Position  
Northwest Pipeline Corp.  
Company  
5-3-88  
Date

I hereby certify that the location shown on this plat was properly noted of actual location made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
April 25, 1988  
Registered Professional Engineer  
and/or Land Surveyor  
*Edgar L. Risenhoover*  
Certificate No. 5979  
Edgar L. Risenhoover, L.S.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

July 19, 1989

Northwest Pipeline Corporation  
P.O. Box 90  
Farmington, NM 87499

Attention: Mike Turnbaugh,  
Senior Engineer

RE: Application for a  
non-standard gas  
proration unit; Rosa  
Unit Well No. 203,  
1040' FSL - 820' FEL  
(Unit P), Section  
18, Township 31  
North, Range 5 West.

Dear Mr. Turnbaugh:

The subject application shows that the proposed Rosa Unit Well No. 203 will be located in the SE/4 of said Section 18, which, pursuant to Rule 7 of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool, as promulgated by Division Order No. R-8768, is an unorthodox coal gas well location.

I will therefore hold this application until such time as a request for administrative approval on this well's location is filed.

If you should have any questions concerning this matter, please contact me.

Sincerely,

Michael E. Stogner  
Administrative Application Reviewer

MES/ag

cc: Oil Conservation Division - Aztec

8/8/89  
Carmie Bunch  
requested that I  
send her a copy  
of this letter.  
M. Stogner

8/23/89  
Eswah called me  
and told me  
about this well  
having been drilled



STATE OF NEW MEXICO  
 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
 OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
 GOVERNOR

January 12, 1989

POST OFFICE BOX 2088  
 STATE LAND OFFICE BUILDING  
 SANTA FE, NEW MEXICO 87504  
 (505) 827-5800

Northwest Pipeline Corporation  
 P.O. Box 90  
 Farmington, NM 87499  
 Attn: Mike Turnbaugh  
 Sr. Engineer

Re: Application for Non-Standard Core  
 Perforation Unit  
 Rosa Unit Well No. ~~203~~ 203  
 SE 1/4 Sec. 3, T 31 N, R 8 W  
 1040' ESL - 820' FEL (U.M.I.P.) Sec. 18

Dear Mr. Turnbaugh,

The subject application shows that the proposed Rosa Unit Well No. <sup>203</sup>203 will be located in the SE 1/4 of said Section 3, <sup>8</sup>which, pursuant to RULE 7 of the Special Rules and Regulations for the Basin & Ruidland Coal (Cm) Pool, as promulgated by Division Order No. R-8768, is an unorthodox coal gas well location.

I will therefore hold this application until such time as a request for administrative approval on this well's location is filed.

If you should have any question concerning this matter, please contact me.

Sincerely,  
 Michael E. Stogner  
 Administrative Application Reviewer

c.c. OGD Asst Sec

*[Handwritten signature]*



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

MEMORANDUM

TO: ALL NEW MEXICO OPERATORS

FROM: WILLIAM J. LEMAY, Director *WJL*  
Oil Conservation Division

SUBJECT: CHANGE OF OPERATOR

DATE: JUNE 30, 1989

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The Oil Conservation Division (OCD) is experiencing considerable difficulty in processing Monthly Operator Reports, Form C-115, for wells which have recently changed operators. This problem is due to the untimely filing and approval of Form C-104 for change of operator. In the great majority of cases delay is caused by failure of the new operator to have a plugging bond in place.

The Change of Operator Form C-104 needs to be approved before production reports (Form C-115) are filed under the new operator name.

Monthly Operator Reports, Form C-115, will not be accepted by the OCD under the new operator name unless the C-104 authorizing the change of operator has been approved by the OCD by the 5th of the month in which production is to be reported.

WJL/sl

  
MERIDIAN OIL

June 20, 1989

New Mexico Oil and Gas Conservation Division  
ATTN: Mr. W.J. Lemay  
P.O. Box 2088  
Santa Fe, New Mexico 87504

RE: ~~Non-Standard Gas Proration Unit~~  
Rosa Unit #203  
SE/4 Section 18, T-31-N, R-5-W  
Rosa Unit #204  
NE/4 Section 19, T-31-N, R-5-W  
Rio Arriba County, New Mexico

Gentlemen:

This is to advise that Meridian Oil Inc, as an offset operator, has no objection to the proposed non-standard gas proration units for the referenced wells.

Yours very truly,

*Tom F. Hawkins for*

Alan Alexander  
Senior Land Advisor

AA:TFH:ch  
cc: Mike Turnbaugh - NWPL (Farmington)  
File: Rosa Unit, 5.0

RECEIVED

JUN 22 1989

OIL CONSERVATION DIV.  
SANTA FE

*Copy Sent to  
E. Burch*

*5/31/89*

**NORTHWEST PIPELINE CORPORATION**

**PRODUCTION & DRILLING**  
3539 East 30th Street  
Farmington, New Mexico 87401  
4320-PD-141-88

May 17, 1988

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

*Coal*

Re: Application for Non-Standard  
Gas Proration Unit  
Rosa Unit #203  
SE/4 Sec. 18, T31N, R5W  
Dedicated Acreage: 231.83 (S/2)

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 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.

This well was originally drilled on 160 acres. With the implementations of the new pool rules the south half of Sec. 18 will now be dedicated to this well.

Sincerely,

*Mike Turnbaugh*

Mike Turnbaugh  
Drilling Superintendent

MJT/ch  
disk 13

**NORTHWEST PIPELINE CORPORATION**

**PRODUCTION & DRILLING**  
3539 East 30th Street  
Farmington, New Mexico 87401  
4320-PD-144-89

May 17, 1989

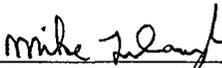
Meridian Oil  
801 Cherry St.  
Fort Worth, TX 76102

Re: Non-Standard Gas Proration Unit  
Rosa Unit #203  
SE/4 Sec. 18, T31N, R5W

Dear Sirs:

Northwest Pipeline has requested permission from the New Mexico Oil & Gas Conservation division to produce the above captioned well as a Non-Standard Gas Unit. Our records show you to be an offset operator. If you have any objections to this request, notify Bill Lemay with NMOCD in Santa Fe, New Mexico within 30 days. This letter is being sent by certified mail in accordance with NMOCD regulations.

Sincerely,

  
\_\_\_\_\_  
Mike Turnbaugh, Senior Engineer

MJT/ch  
disk 15

**OIL CONSERVATION DIVISION**  
 P. O. BOX 2088  
 SANTA FE, NEW MEXICO 87501

Form C-102  
 Revised 10-1-78

STATE OF NEW MEXICO  
 MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

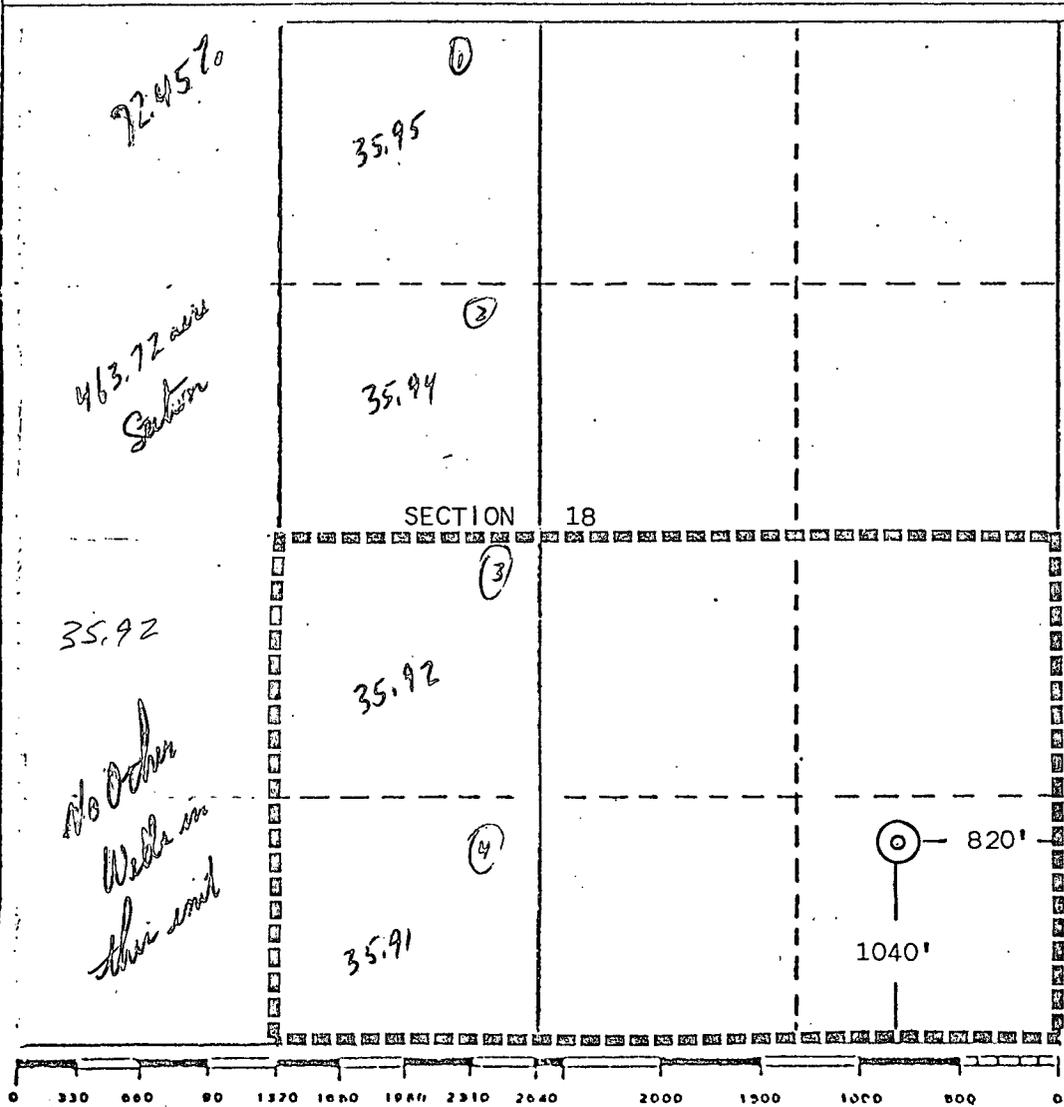
Operator <b>Northwest Pipeline Corporation</b>			Lease <b>Rosa Unit</b>		Well No. <b>203</b>
Unit Letter <b>P</b>	Section <b>18</b>	Township <b>31 North</b>	Range <b>5 West</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1040</b> feet from the <b>South</b> line and <b>820</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6422</b>	Producing Formation <b>Fruitland</b>		Pool <b>Undesignated Fruitland</b>		Dedicated Acreage: <b>160 231.83 Acres</b>

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat 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.



**CERTIFICATION**

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

*Mike J. Sunbrough*  
 Name  
 Senior Engineer  
 Position  
 Northwest Pipeline Corp  
 Company  
 5-3-88  
 Date

I have personally checked the location shown on this plat was plotted from field notes of actual survey made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
 April 25, 1988  
 Registered Professional Engineer  
 and/or Land Surveyor  
*Edgar L. Risenhoover*  
 Certificate No. 5979  
 Edgar L. Risenhoover, L.S.

P22 0273567

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Meridian Oil
STREET AND NO.		801 Cherry St.
P.O., STATE AND ZIP CODE		Fort Worth, TX 76102
POSTAGE		\$ .25
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	.85
	SPECIAL DELIVERY	c
	RESTRICTED DELIVERY	c
	RETURN RECEIPT SERVICE	.90
	SHOW TO WHOM AND DATE DELIVERED	
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	c
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	c	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	c	
TOTAL POSTAGE AND FEES		\$ 2.00
POSTMARK OR DATE		

PS Form 3800, Apr. 1976

CERTIFIED

P22 0273567

MAIL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(Do not use this form for proposals to drill or to deepen or plug back to a well. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		89 FEB 21 PM 1:00	
2. NAME OF OPERATOR Northwest Pipeline Corporation		FARMINGTON RESOURCE AREA FARMINGTON, NEW MEXICO	
3. ADDRESS OF OPERATOR 3539 East 30th - Farmington, NM 87401			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 820' FEL & 1040' FSL			
5. LEASE DESIGNATION AND SERIAL NO. SF-078764		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME Rosa Unit		8. FARM OR LEASE NAME Rosa Unit	
9. WELL NO. #203		10. FIELD AND POOL, OR WILDCAT Undes. Fruitland	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T31N, R5W		12. COUNTY OR PARISH Rio Arriba	
13. STATE New Mexico		14. PERMIT NO.	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6434' KB			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Production facility</u> <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A trailer has been moved out to the Rosa Unit #203 to protect field personnel from the elements.

The wells and disposal facility are being checked in the very early part of the day making it convenient to provide a refuge during the cold weather. Currently the facilities are checked three times a week. The frequency of visits will change as needed to maintain well production.

As noted above the trailer is being used only as a convenience to make the job a little easier. Should you desire the trailer will be moved from BLM land at the first available opportunity.

**RECEIVED**  
MAR - 1 1989  
OIL CONSERVATION DIVISION  
SANTA FE

**RECEIVED**  
FEB 23 1989  
OIL CON. DIV  
DIST. 3

ACCEPTED FOR RECORD  
FEB 21 1989  
FARMINGTON RESOURCE AREA  
BY *[Signature]*

18. I hereby certify that the foregoing is true and correct

SIGNED Mr. Mike Turnbaugh TITLE Senior Engineer DATE 2-17-89  
Mike Turnbaugh  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: **NMOCC**

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

RECEIVED  
BLM MAIL ROOM  
NOV 21 PM 2:26

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078764  
INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other   
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP EX  PLUG BACK  DIFF. RESV.  Other

2. NAME OF OPERATOR  
Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR  
3539 East 30th Street - Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 820' FEL & 1040' FSL SE/4 SE/4  
 At top prod. interval reported below Same as above  
 At total depth Same as above

6. NET AGREEMENT NAME  
Rosa Unit  
7. MIN. OR LEASE NAME  
Rosa Unit

8. WELL NO.  
#203

10. FIELD AND POOL, OR WILDCAT  
Undesignated Fruitland

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 18, T31N, R5W

14. PERMIT NO. DATE ISSUED  
12. COUNTY OR PARISH Rio Arriba 13. STATE New Mexico

15. DATE SPUDDED 9-16-88 16. DATE T.D. REACHED 10-23-88 17. DATE COMPL. (Ready to prod.) 10-24-88 18. ELEVATIONS (OF. HKB, RT, GR, ETC.)\* 6434' KB 19. ELEV. CASINGHEAD 6422' GR

20. TOTAL DEPTH, MD & TVD 3305' 21. PLUG. BACK T.D., MD & TVD 3305' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 3175'-3298' 25. WAS DIRECTIONAL SURVEY MADE yes

26. TYPE ELECTRIC AND OTHER LOGS RUN N/A 27. WAS WELL CORED no

28. CASING RECORD (Report all strings set in well, etc.)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
SEE CASING AND CEMENTING REPORT					

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	3033'	3305'			2-7/8"	3286'	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3175'-3298'	4 spf			

33.\* PRODUCTION  
 DATE FIRST PRODUCTION 10-24-88 PRODUCTION METHOD Flowing, gas lift, pumping—size and type of pump Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
N/A					TSTM		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WELLS DEC 16 1988 FARMINGTON RESOURCE AREA

35. LIST OF ATTACHMENTS  
Casing and Cementing Report, Temperature Survey, Deviation Report by KV

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED Carrie Harmon TITLE Prod. & Drlg. Clerk DATE 11-17-88

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2571' est	2707' est				
Kirtland	2707' est	3188' est				
Fruitland	3188' est	3305' el				
T.D.	3305' el					

CEMENTING & CASING REPORT  
(Rosa #203)

Hole Size - 12-1/4"

9-5/8", 36#, K-55 seamless casing. Set at 238' KB. Cemented w/ 185 sx (220 cu.ft.) Class "G" w/ 3% CaCl<sub>2</sub> and 1/4# gel flake/sk.

Hole Size - 8-3/4"

7", 20#, K-55, ST&C, CFI, seamless casing. Set at 3152' KB. Cemented w/ 100 sx (186 cu.ft.) Class "G" w/ 6% gel and 6-1/4# gilsonite/sk.

Carrie Harmon  
Carrie Harmon

11-17-88  
Date

DEVIATION REPORT

COMPANY Northwest Pipeline Corporation ADDRESS 3539 E. 30th - Farmington, NM  
LEASE Rosa Unit WELL #203 UNIT LETTER P SEC 18 T 31N R 5W  
POOL and FORMATION Undesignated Fruitland COUNTY Rio Arriba

- 242' - 1/2°
- 772' - 1/2°
- 1298' - 1/2°
- 1900' - 3/4°
- 2397' - 1°
- 2866' - 1°
- 3153' - 1°

**RECEIVED**  
DEC 19 1988  
OIL CON. DIV.  
DIST. 3

Certificate: I, the undersigned, state that I, Carrie Harmon  
acting in my capacity as Prod. & Drlg. Clerk of Northwest Pipeline Corporation,  
am authorized by said Company to make this report which was prepared by me or under  
my supervision and direction; and that the facts stated herein are true to the best  
of my knowledge and belief.

OFFICIAL SEAL

KRISTINE E. RUSSELL

Subscribed and sworn to before me this 17th day of November, 19 88

Notary Bond Filed with Secretary of State

My Commission Expires:

Kristine E. Russell

NOTARY PUBLIC IN AND FOR SAN JUAN COUNTY, NEW MEXICO

My Commission Expires 4-9-92



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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078764	
2. NAME OF OPERATOR Northwest Pipeline Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 3539 East 30th Street - Farmington, NM 87401		7. UNIT AGREEMENT NAME Rosa Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 820' FEL & 1040' FSL SE/4 SE/4		8. FARM OR LEASE NAME Rosa Unit	
14. PERMIT NO.		9. WELL NO. #203	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6422' GR		10. FIELD AND POOL, OR WILDCAT Undesignated Fruitland	
		11. SEC., T., R., M., OR BLEK. AND SURVEY OR ARMA Sec. 18, T31N, R5W	
		12. COUNTY OR PARISH Rio Arriba	
		13. STATE New Mexico	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Completion Operations</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

10-15-88 MOL & RU.

10-16-88 Drilled out cmt, FC at 3108', shoe at 3152'. Drilled total 153' of formation.  
 Drill coal: 3177'-3181' 4'  
 3190'-3194' 4'  
 3197'-3198' 1'  
 3214'-3222' 8'  
 3243'-3244' 1'  
 3257'-3259' 2'  
 3270'-3298' 25' net coal.  
 Total 45' net coal.

10-17-88 Gauged well.

10-18-88 Circulating hole w/ air.

10-19-88 Circulating w/ air. Drill pipe got stuck.

10-20-88 Pick up fishing assembly.

10-21-88 Jarred, rotated & circulated pipe free in 6 hrs.

RECEIVED  
NOV 23 1988  
OIL CON. DIV.  
DIST. 3

18. I hereby certify that the foregoing is true and correct (continued on back)

SIGNED Garrie Harmon TITLE Prod. & Drlg. Clerk DATE 11-7-88  
 (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

ACCEPTED FOR RECORD  
 NOV 21 1988

NR1000  
 \*See Instructions on Reverse Side

B  
ch-1

- 10-22-88 Circulate hole clean & TOH. Ran 7 jts (261.93') of 5-1/2", 23#, P110 csg and Brown liner hanger.
- 10-23-88 Set slips & pack off. TOH & LDDP. Perfed flowing coal intervals:  
3290'-3300' at 4 spf  
3282'-3298' at 4 spf.  
Perf gun hung up at 3230'.
- 10-24-88 TIH with overshot on 2-7/8" tbg, got on perf gun at 3230' and jarred out of hole. Finished perforating at following intervals:  
3268'-3282' at 4 spf  
3255'-3261' at 4 spf  
3241'-3246' at 4 spf  
3212'-3224' at 4 spf  
3188'-3200' at 4 spf  
3175'-3183' at 4 spf  
Landed tbg as follows: 105 jts (3274') of 2-7/8", 6.4#, J-55, 8rd EUE. Landed at 3286' (seating nipple at 3253'). Pumped out expendable check & gauged well up tbg at 0 MCF/D.
- 10-25-88 Rig released 1600 hrs 10-25-88.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO  
SF-078764

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals.)

NOV 13 PM 1:17

FARMINGTON RESOURCE AREA  
FARMINGTON, NEW MEXICO

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR  
3539 East 30th - Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface 820' FEL & 1040' FSL 1/4 SE 1/4 SE 1/4

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)  
6422' GR

7. UNIT AGREEMENT NAME  
Rosa Unit

8. FARM OR LEASE NAME

9. WELL NO.  
#203

10. FIELD AND POOL, OR WILDCAT  
Undesignated Fruitland

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA  
Sec. 18, T31N, R5W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Drilling Operations</u> <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

9-16-88: MOL & RU. Drilled MH & RH. Spudded well at 2100 hrs 9/16/88. Ran 5 jts (223' 9-5/8", 36#, K-55 seamless csg. Set at 238' KB. Cmt'd w/ 185 sx (220 cu.ft.) Class "G" w/ 3% CaCl<sub>2</sub> and 1/4# gel flake/sk. Circulated 8 bbls good cmt. Plug down at 0500 hrs 9/17/88.

9-17 thru 9-18: Drilling w/ mud.

9-19-88: TD'd well w/ mud. Circulated hole & TOH. LDDP and DCs. Ran 75 jts (3140' 7", 20#, K-55 ST&C CF&I seamless csg. Set at 3152' KB. FC at 3107' KB. Cmt'd w/ 100 sx (186 cu.ft.) Class "G" w/ 6% gel & 6-1/4# gilsonite/sk. Displaced cmt w/ 126 bbls wtr. Plug down at 1545 hrs 9/19/88. Good circulation throughout job. Released rig at 2045 hrs 9/19/88. Ran temp. survey & found TOC at 2110' (Ojo Alamo at 2571').

RECEIVED

NOV 07 1988

OIL CON  
DIST

18. I hereby certify that the foregoing is true and correct

SIGNED Carrie Harmon TITLE Prod. & Drlg. Clerk DATE 11-1-88  
Carrie Harmon  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

ch-1

NMOCC  
\*See Instructions on Reverse Side

NOV 04 1988

FARMINGTON RESOURCE AREA

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to an Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NWP  
WELL FILE  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

30-039-24276

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER   
 SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
 Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR  
 3539 East 30th Street - Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 820' FEL & 1040' FSL SE/4 SE/4  
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 25 miles to Gobernador

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 820'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 2630'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6422' GR

5. LEASE DESIGNATION AND SERIAL NO.  
 SF-078764  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 Rosa Unit  
 8. FARM OR LEASE NAME  
 9. WELL NO.  
 203  
 10. FIELD AND POOL, OR WILDCAT  
 Undesignated *PERF COAL*  
 11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
 P  
 Sec. 18, T31N, R5W  
 12. COUNTY OR PARISH  
 Rio Arriba  
 13. STATE  
 New Mexico

16. NO. OF ACRES IN LEASE  
 N/A

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 160

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 7-1-88

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 cu.ft.
8-3/4"	7"	20#	3105'	140 cu.ft.
6-1/4"	5-1/2"	23#	3300'	Open hole completion

The SW/4 of Sec. 18 is dedicated to this well.

Application includes right-of-way for the construction of the underground gas and water pipelines and cathodic protection cable which will follow route on the attached drawings.

**RECEIVED**  
 AUG 19 1988  
 OIL CON. DIV.  
 DIST. 3

RECEIVED  
 DEPT. MAIL ROOM  
 08 JUN 23 PM 1988  
 FARMINGTON RESOURCE CENTER  
 FARMINGTON, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Mike J. Turnbaugh TITLE Senior Engineer DATE 5-10-88  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

MJT/ch-1 *ok*

**NMOCC**

\*See Instructions On Reverse Side

APPROVED  
*[Signature]*  
 AREA MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

All distances must be from the outer boundaries of the Section.

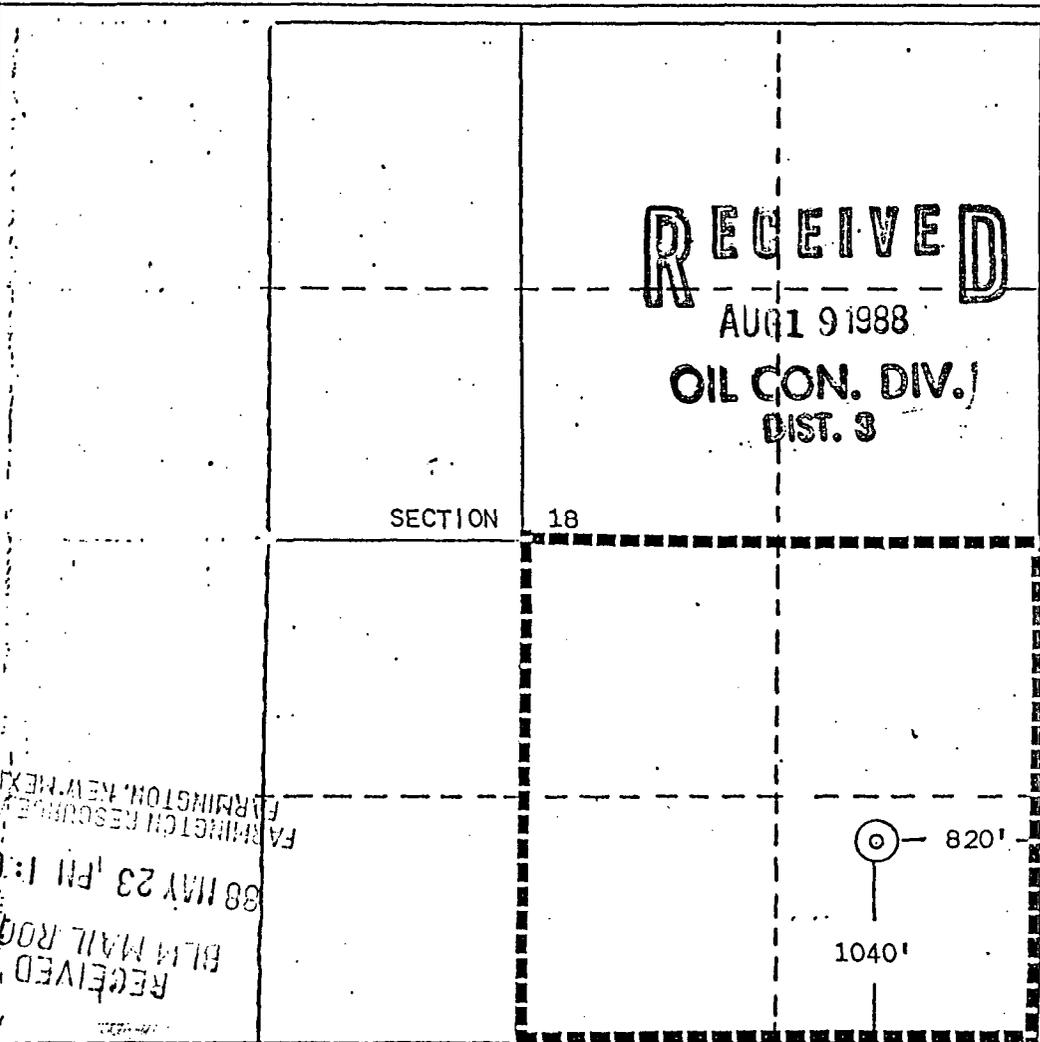
Northwest Pipeline Corporation			Lease Rosa Unit		Well No. 203
Well Letter P	Section 18	Township 31 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 1040 feet from the South line and 820 feet from the East line					
Ground Level Elev. 6422	Producing Formation Fruitland COAL		Pool Undesignated Fruitland	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat 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.



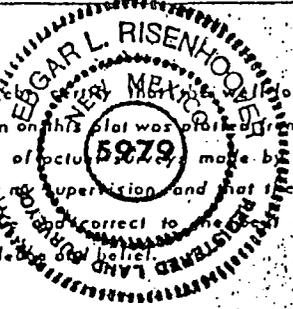
**RECEIVED**  
AUG 19 1988  
OIL CON. DIV.  
DIST. 3

CERTIFICATION

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

Mike J. Sunbrough  
Name  
Senior Engineer  
Position  
Northwest Pipeline Corp.  
Company  
5-3-88  
Date

I hereby certify that the location shown on this plat was plotted in the field notes of October 1977, made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed  
April 25, 1988  
Registered Professional Engineer  
and/or Land Surveyor

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

RECEIVED  
BLM MAIL ROOM  
MAY 23 PM 1:00  
FARMINGTON, NEW MEXICO

