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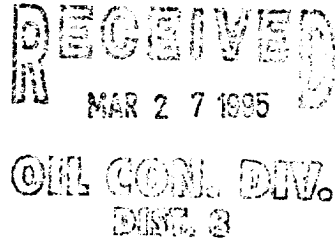
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 23, 1995

Northwest Pipeline Corporation
c/o Walsh Engineering & Production Corp.
7415 East Main
Farmington, New Mexico 87402

Attention: Paul C. Thompson, P.E.



Administrative Order NSL-3507(NSP)

Dear Mr. Thompson:

Reference is made to your application dated March 16, 1995 on behalf of the operator, Northwest Pipeline Corporation, for an unorthodox gas well location for both the Blanco-Mesaverde and Basin Dakota Pools for the proposed Rosa Unit Well No. 148. Said well to be drilled 445 feet from the South line and 2460 feet from the East line (Unit O) of Section 2, Township 31 North, Range 6 West, NMPM, San Juan County, New Mexico.

All of said irregular Section 2 being a non-standard 356.26-acre gas spacing and proration unit for both pool is to be dedicated to said well.

By the authority granted me under the provisions of Rules 2(a)4 and 2(c) of the "General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Basin-Dakota Pool/Special Rules and Regulations for the Blanco-Mesaverde Pool", as promulgated by Division Order No. R-8170, as amended, the above-described unorthodox gas well location and non-standard gas spacing and proration units are hereby approved.

Sincerely,

William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec
New Mexico State Land Office - Santa Fe

Ernie Busch

From: Ernie Busch
To: Mike Stogner
Subject: WALSH ENG (NSP)
Date: Tuesday, March 28, 1995 9:21AM
Priority: High

ROSA UNIT #148
445' FSL; 2460' FEL
O-02-31N-06W

RECOMMEND: ALTHOUGH THE ACREAGE IS UNDER THE 125%, WE WILL STILL NEED AN ORDER
BECAUSE THE PRORATION UNIT CROSSES A 1/2 SECTION LINE. RECOMMEND APPROVAL

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

QUALITY ASSURANCE REPORT

TRACE METAL ANALYSIS - DUPLICATE

QA/QC	Matrix Duplicate	8206	Liquid	Trace Metals	N/A
Number:					
Tested:					
Project #					
Date Reported					
Date Sampled					
Date Received					
Date Analyzed					
N/A					
03-13-95					

Trace Metals
N/A

Sample	Duplicate	Result	(mg/L)	Percent Difference
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	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

Parameter	Trace Metals	Maximum Difference	30 %
ND	ND	0.0	0.0
15.56	ND	0.0	0.0
ND	ND	0.0	0.0
ND	ND	0.0	0.0
ND	ND	0.0	0.0
ND	ND	0.0	0.0
ND	ND	0.0	0.0
ND	ND	0.0	0.0
ND	ND	0.0	0.0
16.06	ND	3.2	0.0
ND	ND	0.0	0.0

ds 3010, 3020, Acid Digestion of Aqueous Samples and
cts for Total Metals, SM-846, USEPA, July 1992.
ds 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
sts of Metals by CFAA and FLAA, SM-846, USEPA.

It detected at the stated detection limit.
for samples 8206, 8213-8216, 8220.

John J. [illegible]
REVISED

**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping7415 East Main
Farmington, New Mexico 87402
(505) 327-4892

March 16, 1995

Mr. William J. LeMay
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Non-Standard Gas Unit
Northwest Pipeline Corporation
Rosa Unit #148
445' FSL, 2460' FEL
Section 2, T31N R6W
Rio Arriba, NM
Basin Dakota and Blanco MV

RECEIVED
MAR 17 1995
OIL CON. DIV.
DIST. 3

Dear Mr. LeMay,

This is a request on behalf of Northwest Pipeline Corporation for administrative approval for a non-standard gas unit in the Basin Dakota and Blanco Mesa Verde pool for the referenced well. The proposed spacing unit is all of Section 2, T31N, R6W, which is 356.20 acres due to a variation in the legal subdivision of the U.S. Public Land Surveys.

As the Unit Operator of the Rosa Unit, Northwest Pipeline is the only offset operator. Attached is a plat indicating the well location and proposed spacing unit.

Thank you for your consideration and approval of this application. If you have any questions please do not hesitate to call upon me.

Sincerely,

Paul C. Thompson, P.E.
President, Walsh Engineering

cc: Mark McCallister, WPC
NMOCD Aztec NM
BLM Farmington NM

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 21, 1995
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 72319	Pool Name BLANCO MESA VERDE
Property Code 008400	Property Name Rosa Unit Com	Well Number 148
OGRID No. 16189	Operator Name Northwest Pipeline Production	Elevation 6326'

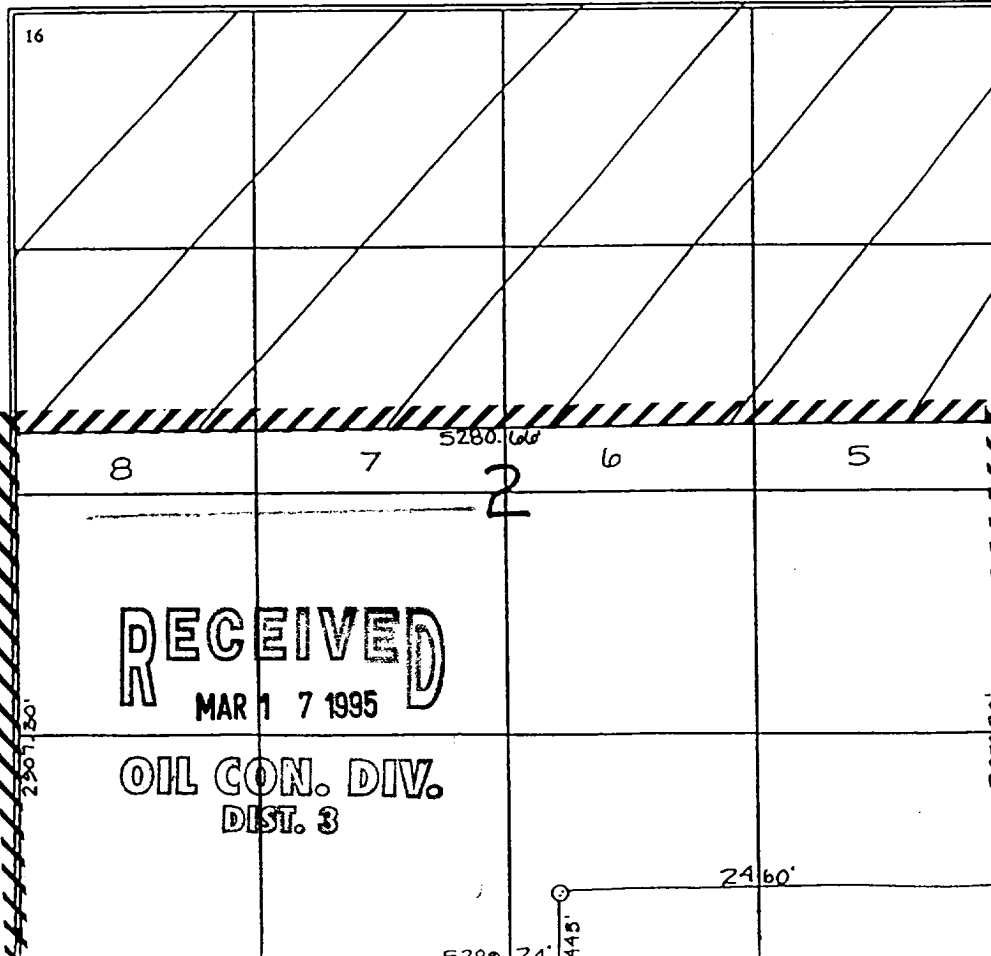
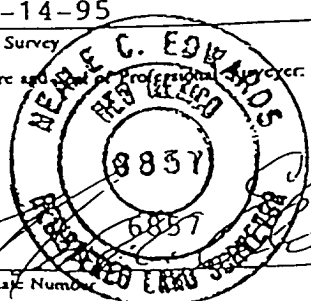
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	2	31 N	6 W		445	South	2460	East	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 356.2	Joint or Infill Y	Consolidation Code U	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Paul C. Thompson Signature Paul C. Thompson, PE (AGENT) Printed Name President Walsh Engr. & Prod. Corp. Title 3/16/95 Date
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 3-14-95 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number					

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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State of New Mexico
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Santa Fe, NM 87504-2088

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number		2 Pool Code 71599		3 Pool Name BASIN DAKOTA		
4 Property Code 008400		5 Property Name Rosa Unit Com			6 Well Number 148	
7 OGRID No. 16189		8 Operator Name Northwest Pipeline Production			9 Elevation 6326'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
O	2	31 N	6 W		445	South	2460	East	R.A.

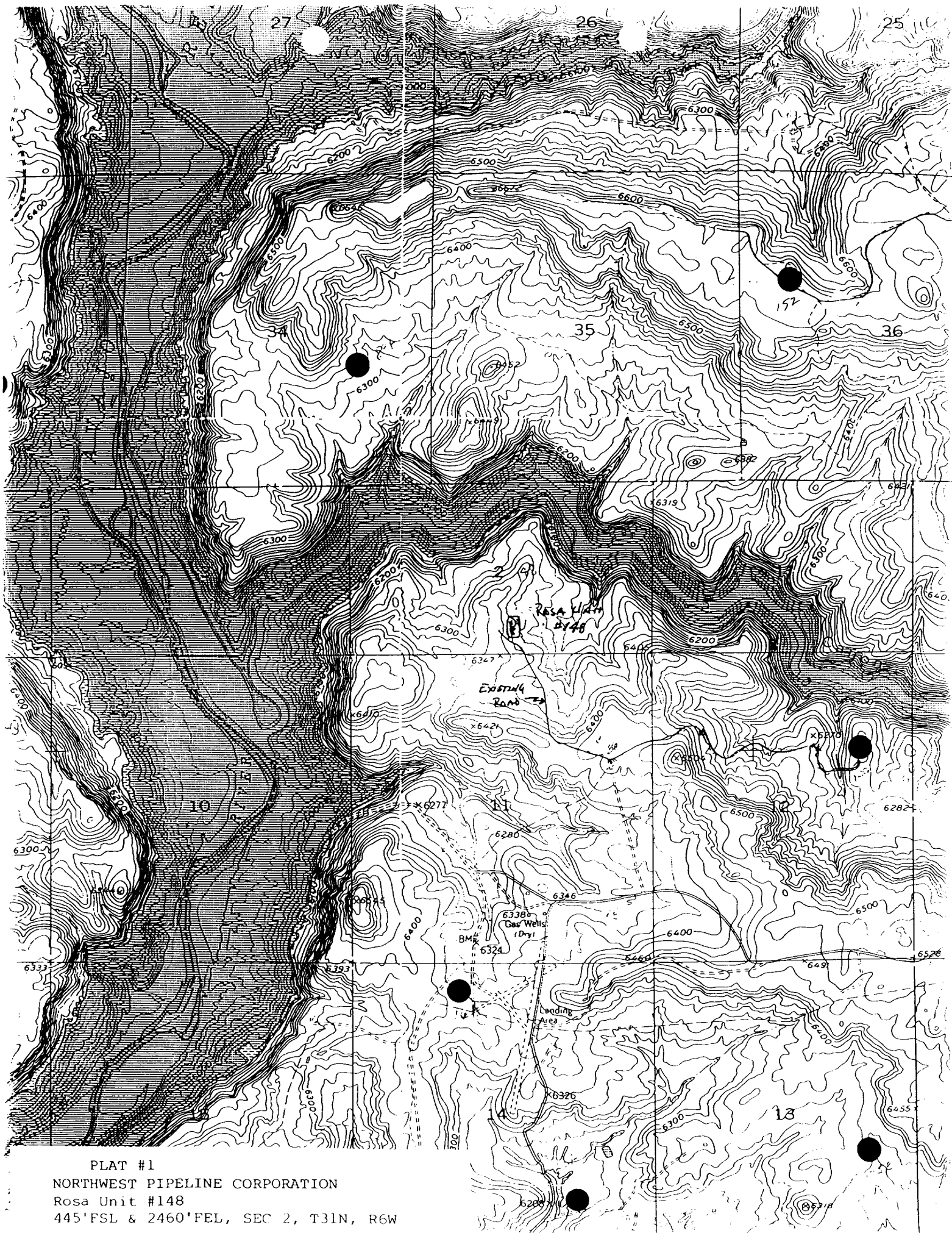
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 356.2	13 Joint or Infill Y	14 Consolidation Code U	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					17 OPERATOR CERTIFICATION				
					I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.				
					Signature <u>Paul C. Thompson</u>				
					Printed Name Paul C. Thompson, PE (Agent)				
					Title Walsh Engr. & Prod. Corp.				
					Date 3/16/95				
					18 SURVEYOR CERTIFICATION				
					I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.				
					Date of Survey 3-14-95				
					Signature and Seal of Professional Surveyor 				
					Certificate Number				



PLAT #1

NORTHWEST PIPELINE CORPORATION

Rosa Unit #148

445' FSL & 2460' FEL, SEC 2, T31N, R6W