

GW - 65

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

2006 - 1990

NM EMNRD OIL CONSERVATION

ATTN: Ed Martin  
1220 S STEPHAN DR 12 03  
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689  
AD NUMBER: 00161261 ACCOUNT: 00002212  
LEGAL NO: 78629 P.O. #: 06-199-050125  
514 LINES 1 TIME(S) 287.84  
AFFIDAVIT: 6.00  
TAX: 22.41  
TOTAL: 316.25

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

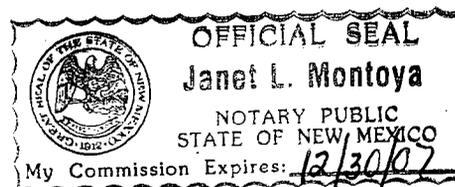
I, R. Lara, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 78629 a copy of which is hereto attached was published in said newspaper 1 day(s) between 03/24/2006 and 03/24/2006 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 24th day of March, 2006 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ R. Lara  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 24th day of March, 2006

Notary Janet L. Montoya  
Commission Expires: 12/30/07

OK To Pay  
Ed Martin  
3-29-06



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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**(GW-360) - Mr. Murray Erickson, Guardian Wellhead Protection, Inc., P.O. Box 13188, Odessa, Texas 79768** has submitted an application for their Hobbs Service Facility located in the NW/4 SW/4 of Section 36, Township 18 South, Range 37 East, Lea County, New Mexico. All effluents that may be generated at the facility will be col-

lected in an netted open top tank and transported off-site for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 70 feet with a total dissolved solids concentration of greater than 1200 mg/L. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at [www.emnrd.state.nm.us/ocd](http://www.emnrd.state.nm.us/ocd) in the Draft Discharge Permit for this facility.

**(GW-220) - Mr. Aaron Maurer, Bearcat Drilling, 5424 US Highway 64, Farmington, New Mexico 87499** has submitted a renewal application for their Farmington Service Yard located in the NW/4 NW/4 of Section 19, Township 29 North, Range 12 West, San Juan County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top receptacle and transported

off-site for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 200 mg/L. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at [www.emnrd.state.nm.us/ocd](http://www.emnrd.state.nm.us/ocd) in the Draft Discharge Permit for this facility.

**(GW-065) - Public Service Company of New Mexico, D. J. Engert, Compressor Plant Manager, Alvarado Square, Albuquerque, New Mexico 87102-1007**, has submitted a discharge plan renewal application for their Redonda Compressor Station located in the SE/4 NW/4, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico. Approximately 245 gallons per month of wash-down water and used oil is collected in an above ground steel tank sited within a bermed area and stored prior to transport to an OCD approved off-site recycle facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 80 feet with a total dissolved solids concentration of 1050 mg/l.

**(GW-066) - Public Service Company of New Mexico, D. J. Engert, Compressor Plant Manager, Alvarado Square, Albuquerque, New Mexico 87102-1007**, has submitted a discharge plan renewal application for their Espejo Compressor Station located in Unit 9, Rio Rancho Estates, Township 12 North, Range 2 East, NMPM,

Sandoval County, New Mexico. Approximately 83 gallons per month of washdown water and used oil is collected in an above ground steel tank sited within a bermed area and stored prior to transport to an OCD approved off-site recycle facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 719 feet with a total dissolved solids concentration of 364 mg/l.

**(GW-263) - Public Service Company of New Mexico, Wilford B. Nez, Senior Engineering Tech, Alvarado Square MS 2104, Albuquerque, New Mexico 87158**, has submitted a discharge plan renewal application for their Star Lake Compressor Station located in the NW/4, Section 34, Township 20 North, Range 6 West, NMPM, McKinley County, New Mexico. Any potential discharge at the facility will be collected and stored in a covered above ground tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of 58 feet with a total dissolved solids concentrations of approximately 1,750 mg/l.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any pro-

posed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 20th day of March 2006.

STATE OF  
NEW MEXICO  
OIL CONSERVATION  
DIVISION

SEAL  
MARK FESMIRE,  
P.E., Director  
Legal #78629  
Pub. Mar. 24, 2006



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

May 8, 2006

Ms. Robin K. DeLapp  
Public Service Company of New Mexico  
Alvarado Square  
Albuquerque, New Mexico 87158

**RE: Discharge Plan Renewal Approval GW-065  
Public Service Company of New Mexico  
Redonda Compressor Station  
Valencia County, New Mexico**

Dear Ms. DeLapp:

The ground water discharge renewal plan GW-065 for the Public Service Company of New Mexico Redonda Compressor Station located in the SE/4 NW/4 of Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The original discharge plan application was submitted on May 3, 1991 pursuant to Section 5101.B.3. of the New Mexico Water Quality Control Commission (WQCC) Regulations. The discharge plan renewal application was submitted February 17, 2006 pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Section 3109.G., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve Public Service Company of New Mexico of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered non-hazardous to wildlife including migratory birds.

Please note that Section 3104 of the regulations provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., Public Service Company of New Mexico is required to notify the Director of any

facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.H.4., this discharge plan is for a period of five years. This plan will expire on **April 3, 2011**, and Public Service Company of New Mexico should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan .

Public Service Company of New Mexico will submit a storm water run-off plan for approval by the OCD within six (6) months of the date of this approval letter for the Redonda Compressor Station.

The discharge plan application for the Public Service Company of New Mexico Redonda Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan application will be assessed a non-refundable fee equal to the filing fee of \$100. There is a flat fee assessed for natural gas compressor stations with horsepower rating greater than 1001 horsepower equal to \$1,700.00. The OCD has received the filing fee.

**Please make all checks payable to:**  
**Water Management Quality Management Fund**  
**C/o: Oil Conservation Division**  
**1220 North St. Francis Drive**  
**Santa Fe, New Mexico 87505**

If you have any questions please contact Mr. Ben Stone at (505) 476-3474. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

Wayne Price   
Chief, Environmental Bureau  
Oil Conservation Division

LWP/BES  
Attachment

xc: OCD Santa Fe Office

ATTACHMENT TO THE DISCHARGE PLAN GW-065  
PUBLIC SERVICE COMPANY OF NEW MEXICO  
REDONDA COMPRESSOR STATION  
DISCHARGE PLAN APPROVAL CONDITIONS  
(April 3, 2006)

1. Payment of Discharge Plan Fees: The \$100.00 filing fee has been received by the OCD. There is a flat fee assessed for natural gas compressor stations with horsepower rating greater than 1001 horsepower equal to \$1,700.00. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. Public Service Company of New Mexico Commitments: Public Service Company of New Mexico will abide by all commitments submitted in the discharge plan renewal application dated February 16, 2006 and these conditions for approval.
3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.
4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
11. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
12. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.
13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Santa Fe District Office.
14. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
15. Storm Water Plan: The facility will have an approved storm water run-off plan.
16. Closure: The OCD will be notified when operations of the Redonda Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Redonda Compressor Station, a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

17. Certification: Public Service Company of New Mexico, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Public Service Company of New Mexico further acknowledges that the conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

PUBLIC SERVICE COMPANY OF NEW MEXICO

By \_\_\_\_\_  
Title

Description	FUND	CES	DFA ORG	DFA ORG	ED ORG	ED ACCT	AMOUNT	
1 CY Reimbursement Project Tax	064	01						1
6 Gross Receipt Tax	064	01		2329	900000	2329134		2
3 Air Quality Title V	092	13	1300	1896	900000	4169134		3
4 PRP Prepayments	248	14	1400	9696	900000	4969014		4
2 Climax Chemical Co.	248	14	1400	9696	900000	4969015		5
8 Circle K Reimbursements	248	14	1400	9696	900000	4969248		6
7 Hazardous Waste Permits	339	27	2700	1888	900000	4169027		7
8 Hazardous Waste Annual Generator Fees	339	27	2700	1896	900000	4169338		8
0 3 Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	300.00	10
1 Water Quality - GW Discharge Permit	341	29	2900	1688	900000	4169029		11
2 Air Quality Permits	631	31	2500	1688	900000	4169031		12
3 Payments under Protest	651	33		2919	900000	2919033		13
4 Xerox Copies	652	34		2349	900000	2349001		14
5 Ground Water Penalties	652	34		2349	900000	2349002		16
6 Witness Fees	652	34		2349	900000	2439003		16
7 Air Quality Penalties	652	34		2349	900000	2349004		17
8 OSHA Penalties	652	34		2349	900000	2349005		18
9 Prior Year Reimbursement	652	34		2349	900000	2349006		19
0 Surface Water Quality Certification	652	34		2349	900000	2349009		20
1 Jury Duty	652	34		2349	900000	2349012		21
2 CY Reimbursements ( i.e. telephone)	652	34		2349	900000	2349014		22
3 UST Owner's List	783	24	2500	9696	900000	4969201		*23
4 Hazardous Waste Notifiers List	783	24	2500	9696	900000	4969202		*24
5 UST Maps	783	24	2500	9696	900000	4969203		*25
6 UST Owner's Update	783	24	2500	9696	900000	4969205		*26
7 Hazardous Waste Regulations	783	24	2500	9696	900000	4969207		*28
8 Radiologic Tech. Regulations	783	24	2500	9696	900000	4969208		*29
9 Superfund CERLIS List	783	24	2500	9696	900000	4969211		*30
0 Solid Waste Permit Fees	783	24	2500	9696	900000	4969213		31
1 Smoking School	783	24	2500	9696	900000	4969214		32
2 SWQB - NPS Publications	783	24	2500	9696	900000	4969222		*33
3 Radiation Licensing Regulation	783	24	2500	9696	900000	4969228		*34
4 Sale of Equipment	783	24	2500	9696	900000	4969301		*35
5 Sale of Automobile	783	24	2500	9696	900000	4969302		*36
6 Lost Recoveries	783	24	2500	9696	900000	4969814		**37
7 Lost Repayments	783	24	2500	9696	900000	4969815		**38
8 Surface Water Publication	783	24	2500	9696	900000	4969801		39
9 Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4969242		40
0 Emerg. Hazardous Waste Penalties NOV	957	32	9600	1696	900000	4164032		41
1 Radiologic Tech. Certification	967	05	0500	1696	900000	4169005		42
2 Ust Permit Fees	989	20	3100	1696	900000	4169020		44
3 UST Tank Installers Fees	989	20	3100	1696	900000	4169021		45
4 Food Permit Fees	991	26	2600	1696	900000	4169026		46
5 Other								43

Receipt Tax Required

Site Name & Project Code Required

TOTAL 300.00

Account Person: Ed Martinez

Phone: 476-3492

Date: 2/28/06

Received in ASD By: \_\_\_\_\_

Date: \_\_\_\_\_ RT #: \_\_\_\_\_

ST #: \_\_\_\_\_



If you have any questions about this payment please contact:

Public Service Company of New Mexico  
Accounts Payable, MS 0720  
Alvarado Square  
Albuquerque, New Mexico 87158  
(505) 241-2120

CO.	BANK #	CK DATE	VENDOR NO.	CK NO.
WA	606	012606	NME336222101	

INVOICE #	DATE	GROSS AMT	DISC.	DED	NET AMT	SOURCE REF	REMARKS	A
NMEDWQ060182998	01/25/06	100.00	0.00	0.00	100.00	060182998	FILING FEE	Y

*for: GW-065  
REDONDA COMPRESSOR STATION*

TOTAL

\$100.00

**ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH**

I hereby acknowledge receipt of check No. [REDACTED] dated 1/26/06  
 or cash received on \_\_\_\_\_ in the amount of \$ 100<sup>00</sup>  
 from Public Service Co.  
 for Redonda Compressor station GW-065  
 Submitted by: <sup>(Family Name)</sup> Lawrence Corero Date: <sup>(DP No.)</sup> 2/28/06  
 Submitted to ASD by: Lawrence Corero Date: 11  
 Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Filing Fee  New Facility \_\_\_\_\_ Renewal \_\_\_\_\_  
 Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 2007

To be deposited in the Water Quality Management Fund.

Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_

THE ORIGINAL DOCUMENT HAS A WHITE REFLECTIVE WATERMARK ON THE BACK. HOLD AT AN ANGLE TO VIEW. DO NOT CASH IF NOT PRESENT.

**PNM**

606



General Fund Account

CHECK NO.	DATE	AMOUNT
<span style="background-color: black; color: black;">[REDACTED]</span>	012606	\$*****100.00

NMED WATER QUALITY MANAGEMENT FUND  
 PAY OIL CONSERVATION DIVISION, ENVIRONMENTAL  
 TO THE 1220 S. ST. FRANCIS DRIVE  
 ORDER SANTA FE, NM 87505  
 OF

GW-065

Authorized Signature

[REDACTED]



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor

Jennifer A. Salisbury  
Cabinet Secretary

July 3, 2001

Lori Wrotenbery  
Director  
Oil Conservation Division

**CERTIFIED MAIL**

**RETURN RECEIPT NO. 5051 0616**

Mr. D. J. Engert  
Public Service Company of New Mexico  
Alvarado Square  
Albuquerque, New Mexico 87158

**RE: Discharge Plan Renewal Approval GW-065  
Public Service Company of New Mexico  
Redonda Compressor Station  
Valencia County, New Mexico**

Dear Mr. Engert:

The ground water discharge renewal plan GW-065 for the Public Service Company of New Mexico Redonda Compressor Station located in the SE/4 NW/4 of Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The original discharge plan application was submitted on May 3, 1991 pursuant to Section 5101.B.3. of the New Mexico Water Quality Control Commission (WQCC) Regulations. The discharge plan renewal application was submitted May 14, 2001 pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Section 3109.G., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve Public Service Company of New Mexico of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that Section 3104 of the regulations provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., Public Service Company of New Mexico is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Mr. D. J. Engert  
GW-065 Redonda Compressor Station  
July 3, 2001  
Page 2

Pursuant to Section 3109.H.4., this discharge plan is for a period of five years. This plan will expire on **June 25, 2006**, and Public Service Company of New Mexico should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan .

Public Service Company of New Mexico will submit a storm water run-off plan for approval by the OCD within six (6) months of the date of this approval letter for the Redonda Compressor Station.

The discharge plan application for the Public Service Company of New Mexico Redonda Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan application will be assessed a non-refundable fee equal to the filing fee of \$100. There is a flat fee assessed for natural gas compressor stations with horsepower rating greater than 1001 horsepower equal to \$1,700.00. The OCD has received the filing fee.

**Please make all checks payable to: Water Management Quality Management Fund  
C/o: Oil Conservation Division  
1220 North St. Francis Drive  
Santa Fe, New Mexico 87505.**

If you have any questions please contact Mr. W. Jack Ford at (505) 476-3489. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

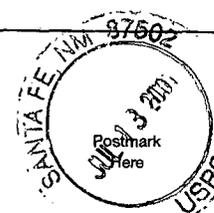
Sincerely,  
  
Roger E. Anderson  
Chief, Environmental Bureau  
Oil Conservation Division

RCA/wjf  
Attachment

xc: OCD Santa Fe Office

U.S. Postal Service <b>CERTIFIED MAIL RECEIPT</b> (Domestic Mail Only; No Insurance Coverage Provided)	
Article Sent To:	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Name (Please Print Clearly) (To be completed by mailer) <i>D. Engert</i>	
Street, Apt. No., or PO Box No. <i>PNM</i>	
City, State, ZIP+ 4 <i>GW-065</i>	

7099 3220 0000 5051 0616  
PS Form 3800, July 1999 See Reverse for Instructions



ATTACHMENT TO THE DISCHARGE PLAN GW-065  
PUBLIC SERVICE COMPANY OF NEW MEXICO  
REDONDA COMPRESSOR STATION  
DISCHARGE PLAN APPROVAL CONDITIONS  
(July 3, 2001)

1. Payment of Discharge Plan Fees: The \$100.00 filing fee has been received by the OCD. There is a flat fee assessed for natural gas compressor stations with horsepower rating greater than 1001 horsepower equal to \$1,700.00. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. Public Service Company of New Mexico Commitments: Public Service Company of New Mexico will abide by all commitments submitted in the discharge plan renewal application dated May 14, 2001 and these conditions for approval.
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7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.
9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
11. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
12. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.
13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Santa Fe District Office.
14. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
15. Storm Water Plan: The facility will have an approved storm water run-off plan.

16. Closure: The OCD will be notified when operations of the Redonda Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Redonda Compressor Station a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
17. Certification: Public Service Company of New Mexico, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Public Service Company of New Mexico further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

PUBLIC SERVICE COMPANY OF NEW MEXICO

by \_\_\_\_\_ Title

**NOTICE OF PUBLICATION**

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

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**(GW-065) – Public Service Company of New Mexico, D. J. Engert, Compressor Plant Manager, Alvarado Square, Albuquerque, New Mexico 87102-1007, has submitted a discharge plan renewal application for their Redonda Compressor Station located in the SE/4 NW/4, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico. Approximately 50 gallons per month of washdown water and used oil is collected in an above ground steel tank sited within a bermed area and stored prior to transport to an OCD approved off-site recycle facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 80 feet with a total dissolved solids concentration of 1050 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.**

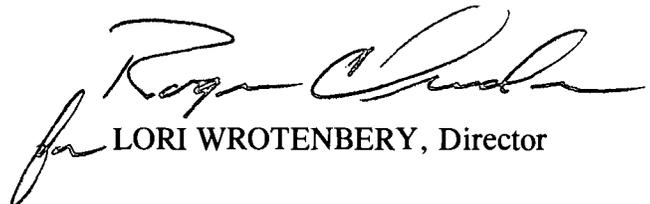
Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held.

A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 6th day of March, 2001.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
for LORI WROTENBERY, Director

SEAL



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

BRUCE KING  
GOVERNOR

May 17, 1991

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

CERTIFIED MAIL  
RETURN RECEIPT NO. P-327-278-122

Ms. Paula McAfee  
Gas Company of New Mexico  
P. O. Box 26400  
Albuquerque, New Mexico 87125

**RE: Discharge Plan GW-65 - Rio Puerco Compressor Station  
Valencia County, New Mexico**

Dear Ms. McAfee:

The Oil Conservation Division (OCD) has received the discharge plan application for the above referenced facility. The following requests for additional information are based on review of the application:

1. All wastewater piping should be designated and installed such that pressure testing of individual lines can be accomplished with minimal disruption of operations and retrofitting.
2. Section D.1.: Spills that require notification to the OCD will be pursuant to OCD Rule 116 (Enclosed).
3. Section D.1.: Prior to any offsite disposal of contaminated soils, OCD's approval of the site and method of disposal is required.

If you have questions, please contact me at 827-5884.

Sincerely,

A handwritten signature in cursive script that reads "Roger C. Anderson".

Roger C. Anderson  
Environmental Engineer

Enclosures



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

BRUCE KING  
GOVERNOR

June 25, 1991

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

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-327-278-127**

Ms. Paula McAfee  
Gas Company of New Mexico  
P. O. Box 26400  
Albuquerque, New Mexico 87125

**RE: Discharge Plan GW-65  
Rio Puerco Compressor Station  
Valencia County, New Mexico**

Dear Ms. McAfee:

The groundwater discharge plan GW-65 for the Gas Company of New Mexico Rio Puerco Compressor Station located in the SE/4 NW/4, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico is hereby approved. The discharge plan consists of the application dated May 3, 1991 and materials dated June 19, 1991 submitted as supplements to the application.

The discharge plan was submitted pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations. It is approved pursuant to Section 3-109.A., please note Section 3-109.F., which provides for the possible future amendments of the plan. Please be advised that the approval of this plan does not relieve you of liability should your operation result in actual pollution of surface or ground waters or the environment which may be actionable under other laws and/or regulations.

Please be advised that all exposed pits, including lined pits and open top tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

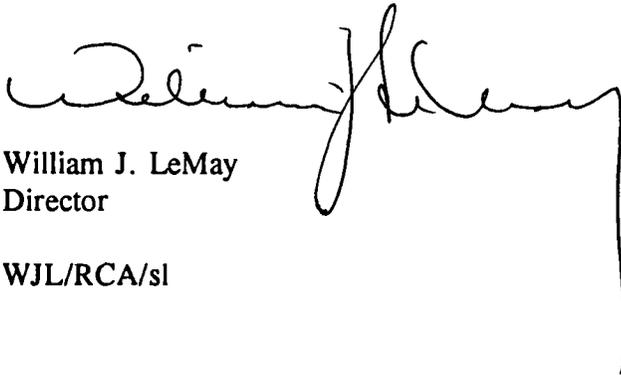
Please note that Section 3-104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3-107.C. you are required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Ms. Paul McAfee  
June 25, 1991  
Page -2-

Pursuant to Section 3-109.G.4., this plan approval is for a period of five (5) years. This approval will expire June 25, 1996 and you should submit an application for renewal in ample time before that date.

On behalf of the staff of the Oil Conservation Division, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

A handwritten signature in cursive script, appearing to read "William J. LeMay". The signature is written in black ink and is positioned above the typed name and title.

William J. LeMay  
Director

WJL/RCA/sl

47065

	Description	FUND	CEB	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT	
1	CY Reimbursement Project Tax	064	01						1
5	Gross Receipt Tax	064	01		2329	900000	2329134		2
3	Air Quality Title V	092	13	1300	1896	900000	4169134		3
4	PRP Prepayments	248	14	1400	9696	900000	4989014		4
2	Climax Chemical Co.	248	14	1400	9696	900000	4989015		5
8	Circle K Reimbursements	248	14	1400	9696	900000	4989248		6
7	Hazardous Waste Permits	339	27	2700	1896	900000	4169027		7
8	Hazardous Waste Annual Generator Fees	339	27	2700	1896	900000	4169339		8
10	Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	5100 <sup>00</sup>	10
11	Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4169029		11
12	Air Quality Permits	631	31	2500	1696	900000	4169031		12
13	Payments under Protest	651	33		2919	900000	2919033		13
14	Xerox Copies	652	34		2349	900000	2349001		14
15	Ground Water Penalties	652	34		2349	900000	2349002		15
16	Witness Fees	652	34		2349	900000	2439003		16
17	Air Quality Penalties	652	34		2349	900000	2349004		17
18	OSHA Penalties	652	34		2349	900000	2349005		18
19	Prior Year Reimbursement	652	34		2349	900000	2349006		19
20	Surface Water Quality Certification	652	34		2349	900000	2349009		20
21	Jury Duty	652	34		2349	900000	2349012		21
22	CY Reimbursements ( i.e. telephone)	652	34		2349	900000	2349014		22
23	UST Owner's List	783	24	2500	9696	900000	4989201		*23
24	Hazardous Waste Notifiers List	783	24	2500	9696	900000	4989202		*24
25	UST Maps	783	24	2500	9696	900000	4989203		*25
26	UST Owner's Update	783	24	2500	9696	900000	4989205		*26
28	Hazardous Waste Regulations	783	24	2500	9696	900000	4989207		*28
29	Radiologic Tech. Regulations	783	24	2500	9696	900000	4989208		*29
30	Superfund CERLIS List	783	24	2500	9696	900000	4989211		*30
31	Solid Waste Permit Fees	783	24	2500	9696	900000	4989213		31
32	Smoking School	783	24	2500	9696	900000	4989214		32
33	SWQB - NPS Publications	783	24	2500	9696	900000	4989222		*33
34	Radiation Licensing Regulation	783	24	2500	9696	900000	4989228		*34
35	Sale of Equipment	783	24	2500	9696	900000	4989301		*35
36	Sale of Automobile	783	24	2500	9696	900000	4989302		*36
37	Lust Recoveries	783	24	2500	9696	900000	4989814		**37
38	Lust Repayments	783	24	2500	9696	900000	4989815		**38
39	Surface Water Publication	783	24	2500	9696	900000	4989801		39
40	Exxon Road Drive Ruidoso - CAF	783	24	2500	9696	900000	4989242		40
41	Emerg. Hazardous Waste Penalties NOV	957	32	9600	1896	900000	4164032		41
42	Radiologic Tech. Certification	987	05	0500	1696	900000	4169005		42
44	Ust Permit Fees	989	20	3100	1696	900000	4169020		44
45	UST Tank Installers Fees	989	20	3100	1696	900000	4169021		45
46	Food Permit Fees	991	28	2600	1696	900000	4169026		46
43	Other								43

Gross Receipt Tax Required

Site Name & Project Code Required

TOTAL 5100<sup>00</sup>

Contact Person: Wagner Price

Phone: 476-3490

Date: 7/24/06

Received in ASD By: \_\_\_\_\_

Date: \_\_\_\_\_ RT #: \_\_\_\_\_

ST #: \_\_\_\_\_

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 7/17/06

or cash received on \_\_\_\_\_ in the amount of \$ 1700<sup>00</sup>

from PNMI

for GW-065

Submitted by: LAWRENCE ROMERO Date: 7/24/06

Submitted to ASD by: LAWRENCE ROMERO Date: 7/24/06

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal

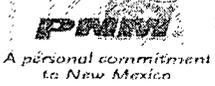
Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment  or Annual Increment \_\_\_\_\_

THE ORIGINAL DOCUMENT HAS A WHITE REFLECTIVE WATERMARK ON THE BACK. HOLD AT AN ANGLE TO VIEW. DO NOT CASH IF NOT PRESENT.



WELLS FARGO, N.A.  
200 Lomas Blvd. NW  
Albuquerque, NM 87102

615



CHECK NO.	DATE	AMOUNT
[REDACTED]	Jul/17/2006	\$5,100.00***

PAY \*\*\*\*FIVE THOUSAND ONE HUNDRED AND XX / 100 DOLLAR\*\*\*\*

TO THE NEW MEXICO ENVIRONMENT DEPARTMENT  
ORDER WATER MGMT QUALITY MGMT FUND  
OF C/O OIL CONSERVATION DIVISION  
1220 NORTH ST FRANCIS DRIVE  
SANTA FE, NM 87505

Authorized Signature



PNM  
Alvarado Square  
Albuquerque, NM 87158-2104  
505 241-2031  
Fax 505 241-2376  
www.pnm.com

2006 JUL 20 PM 1 13

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED



*A personal commitment  
to New Mexico*

July 17, 2006

Oil Conservation Division  
Attn: Ben Stone  
1120 South St. Francis Drive  
Santa Fe, NM 87505

RE: PNM Discharge Plans GW-065, -066, and -263  
Discharge Plan Approvals for Redonda, Espejo, and Star Lake Compressor Stations

Dear Mr. Stone:

Attached please find signed original copies of the discharge plan renewal approvals for the above-referenced compressor stations. Public Service Company of New Mexico is submitting check number 108761 in the amount of \$5100.00. This check pays the flat fee of \$1700 assessed for each of the three compressor stations and covers the five (5) year period of the discharge plans that end April 3, 2011.

Thank you for your assistance regarding this matter. Please call me at (505) 241-2016 if you have any questions.

Sincerely,

Robin K. DeLapp  
Senior Environmental Scientist

cc: Kevin Lawrence, PNM Gas Operations (cover letter only)  
DCC  
ESD File



If you have any questions about this payment please contact:

PNM UTILITY  
Accounts Payable, MS 0720  
Alvarado Square  
Albuquerque, NM 87158

BANK #	CHECK DATE	VENDOR NO.	CHECK NO.			
615	Jul/17/2006	0000011449	[REDACTED]			
INVOICE #	DATE	AMOUNT	DISC.	NET AMT	VOUCHER ID	REMARKS
050806	May/08/2006	5,100.00	0.00	5,100.00	00016481	

Total Gross Amount	Total Discounts	Total Paid Amount
\$5,100.00	\$0.00	\$5,100.00

PNM  
Alvarado Square  
Albuquerque, NM 87158-2104  
505 241-2031  
Fax 505 241-2376  
www.pnm.com

2006 FEB 17 PM 1 07

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED



*A personal commitment  
to New Mexico*

February 16, 2006

Mr. Jack Ford  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**SUBJECT: Discharge Plan GW-065  
Renewal Application for Redonda Compressor Station**

Dear Mr. Ford:

Enclosed please find one (1) original and one (1) copy of the renewal application for Public Service Company of New Mexico's (PNM) Redonda Compressor Station located in Section 25, T 8 N, R 3 W, Valencia County. One (1) copy will also be mailed to OCD District 4 Supervisor in Santa Fe.

In this application, an item was revised only if changes have occurred since the 5/14/01 application. For information on unchanged items, please refer to the previous application.

A \$100.00 filing fee for this renewal application is attached (number 200846).

Call me at (505) 241-2016 if you have questions about this submittal.

Sincerely,

Robin K. DeLapp  
Senior Environmental Scientist

Cc: Mr. Roy Johnson, District 4 Supervisor, 1220 South St. Francis Drive, Santa Fe, NM 87505  
Kevin Lawrence, Gas Compression Operations Supervisor II  
ESD/DCC

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Revised June 10, 2003

Submit Original  
Plus 1 Copy  
to Santa Fe  
1 Copy to Appropriate  
District Office

**DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS,  
REFINERIES, COMPRESSOR, GEOTHERMAL FACILITIES  
AND CRUDE OIL PUMP STATIONS**

(Refer to the OCD Guidelines for assistance in completing the application)

New  Renewal  Modification

1. Type: Redonda Compressor Station
2. Operator: Public Service Company of New Mexico  
Address: 603 W. Elm Street, Farmington, New Mexico 87499  
Contact Person: Kevin Lawrence Phone: (505) 324-3749
3. Location: SE/4 NW/4 Section 25 Township 8N Range 3W  
Submit large-scale topographic map showing exact location. (see attached map)
4. Attach the name, telephone number and address of the landowner of the facility site. (no change)
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility. (see revised facility diagram)
6. Attach a description of all materials stored or used at the facility. (see revised attached Item 6)
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included. (no change)
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures. (see revised attached Item 8)
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems. (no change)
10. Attach a routine inspection and maintenance plan to ensure permit compliance. (see revised attached Item 10)
11. Attach a contingency plan for reporting and clean-up of spills or releases. (no change)
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included. (no change)
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. (no change)
14. CERTIFICATION I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Kevin Lawrence

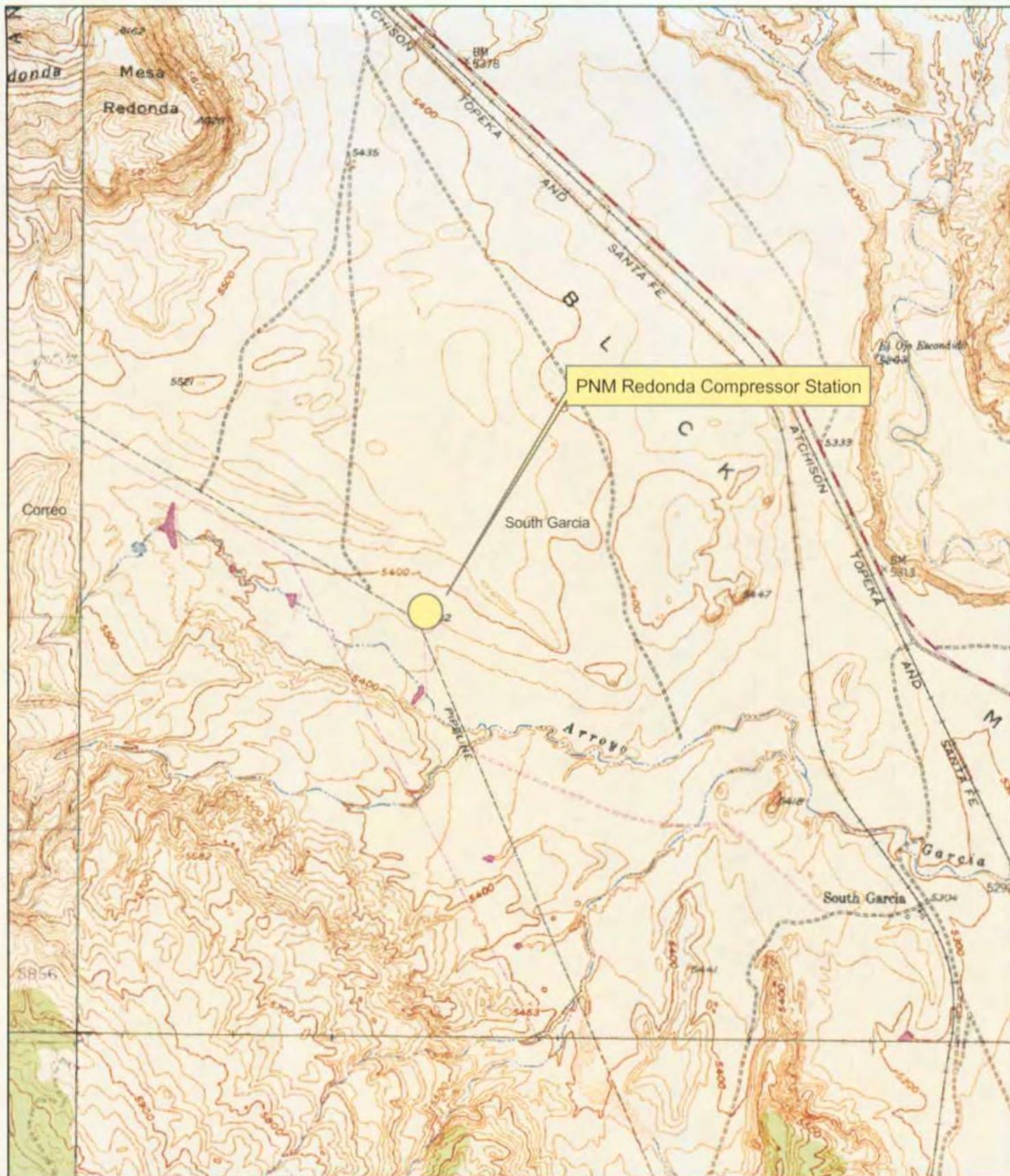
Title: Gas Compression Operations Supervisor II

Signature: 

Date: 02/15/06

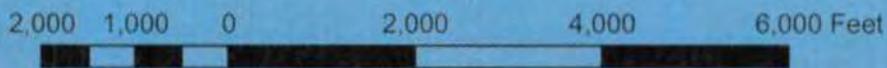
E-mail

Address: klawren1@pnm.com



Ownership: Laguna Pueblo  
 Quad Map: South Garcia  
 Sec. T N, R: Section 25, T8N, R3W

PNM Redonda Compressor Station  
 Valencia County, New Mexico  
 Date: 1/25/2006



**General Information**

This document follows the format presented in the "Guidelines for the Preparation of Discharge Plans at Natural Gas Plants, Refineries, Compressor and Crude Oil Pump Stations (Revised 12-95)".

A. Name of Discharger or Legally Responsible Party:

Public Service Company of New Mexico (PNM)  
Alvarado Square  
Albuquerque, NM 87158

B. Name of Local Representative or Contact Person:

Facility Contact: Kevin Lawrence  
Public Service Company of New Mexico (PNM)  
603 W. Elm Street  
Farmington, New Mexico 87499  
(505) 324-3749

Permit Application Contact: Robin DeLapp  
Public Service Company of New Mexico (PNM)  
Alvarado Square, MS 2104  
Albuquerque, New Mexico 87158  
(505) 241-2016

C. Location of Discharge:

SE ¼ of the NW ¼, Section 25, Township 8 North, Range 3 West, NMPM  
Valencia County, New Mexico

D. Copies:

Three (3) copies of Discharge Plan Renewal Application are submitted to OCD.

E. Affirmation:

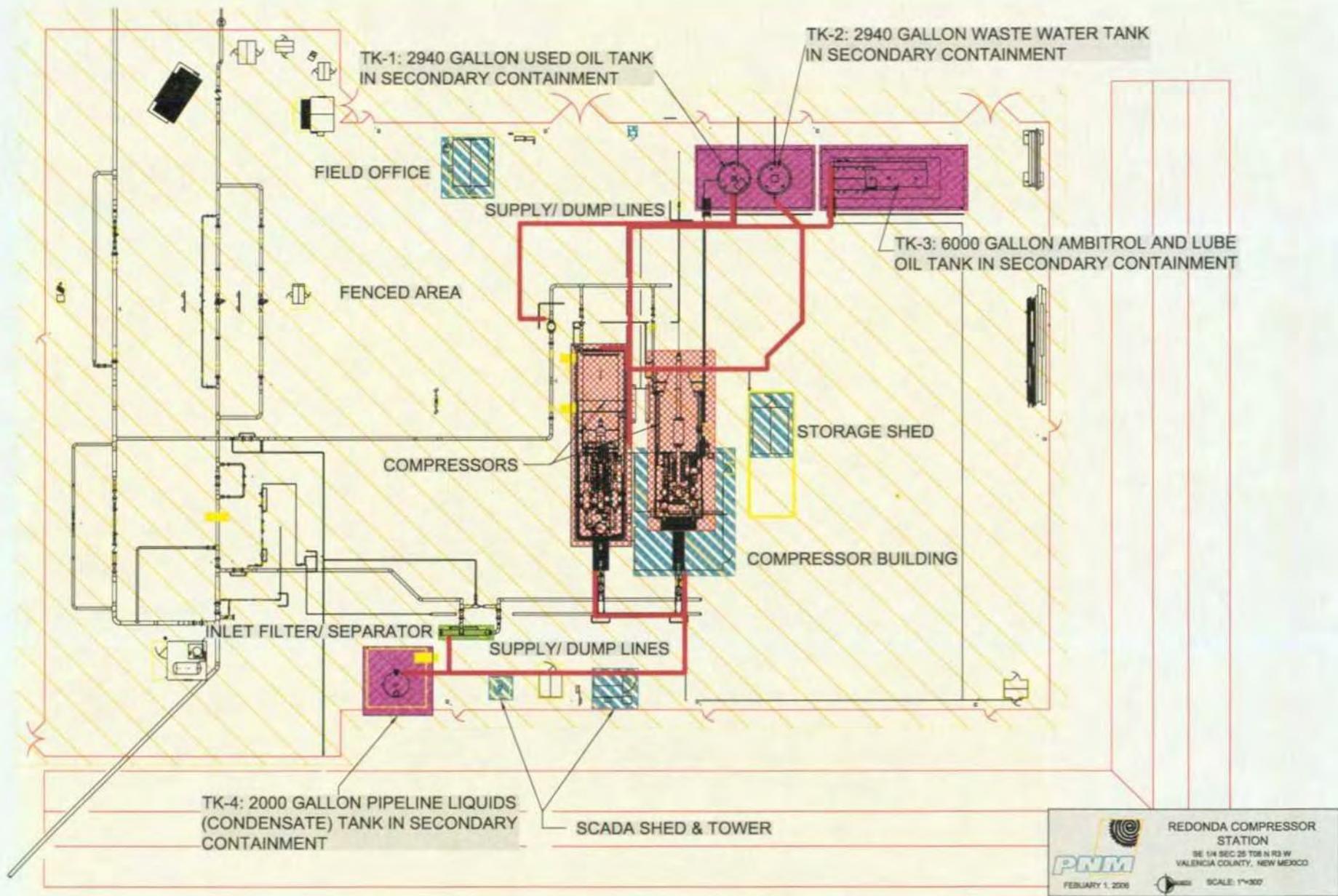
"I hereby certify that I am familiar with the information contained herein and submitted with this discharge plan and that such information is true, accurate and complete to the best of my knowledge."

  
Signature

02/15/06  
Date

KEVIN E. LAWRENCE  
Printed Name

COMPRESSION SUPV.  
Title



**Item 6: Revised**

Attach a description of all materials stored or used at the facility.

Container	ID No.	Material Stored	Volume (gallons)	Location	Containment
IGT	TK-1	Used oil	2940	Northwest of compressors	Double walled, double bottomed in secondary containment, galvanized steel/gravel
IGT	TK-2	Waste water	2940	Northwest of compressors	Double walled, double bottomed in secondary containment, galvanized steel/gravel
AGT	TK-3	Ambitrol (FL-50) and lube oil (Pegasus 805)	6000 (3000 Ambitrol and 3000 lube oil)	Northwest of compressors	Secondary containment, galvanized steel/cement
AGT	TK-4	Pipeline liquids (condensate)	2000	Southeast of compressors	Secondary containment, galvanized steel/cement

TK: tank

IGT: in-ground tank

AGT: above ground tank

**Item 8: Revised**

*Attach a description of current liquid and solid waste collection/treatment/disposal procedures.*

<i>Type of Waste</i>	<i>Collection</i>	<i>Storage</i>	<i>Hauled by</i>	<i>Disposal</i>
Pipeline liquids (condensate)	Piped to TK-4 by 1" dump lines	TK-4	Rinchem Company	Rinchem Company
Used oil	Piped to TK-1 by 2" lines	TK-1	Rinchem Company	Rinchem Company
Waste water	Piped to TK-2 by 2" lines	TK-2	Rinchem Company	Rinchem Company
Solid Waste	None on-site	Trash hauled to Espejo Compressor Station as generated	PNM to Espejo Compressor Station	Waste Management Landfill, Rio Rancho, NM
Special Waste (used filters)	Drained into TK-1	Plastic bags	Rinchem Company	Waste Management Landfill, Rio Rancho, NM

Rinchem Company, 6133 Edith Boulevard, NW, Albuquerque, NM 87107 (505) 345-3655  
 Waste Management Landfill, 402 Industrial Park Loop, NE, Rio Rancho, NM 87124 (505) 892-2055

PNM performed pressure testing on the underground wastewater and condensate lines on March 20, 2002 and submitted to results to the Oil Conservation Division. PNM will perform these test every five years as specified in the Discharge Permit.

**Item 10: Revised**

*Attach a routine inspection and maintenance plan to ensure permit compliance.*

Redonda is continuously operated and is manned 4 hours per day. The station is equipped with alarms that will notify the designated on-call operator of an emergency. The site is inspected daily by facility personnel. Inspection and maintenance are performed and documented according to the guidelines set forth in the Redonda Prevention, Control, and Countermeasure (SPCC) Plan.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Revised June 10, 2003

Submit Original  
Plus 1 Copy  
to Santa Fe  
1 Copy to Appropriate  
District Office

**DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS,  
REFINERIES, COMPRESSOR, GEOTHERMAL FACILITIES  
AND CRUDE OIL PUMP STATIONS**

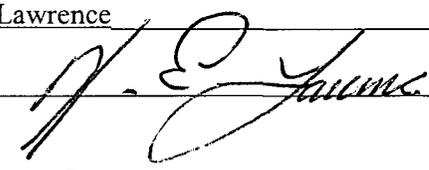
(Refer to the OCD Guidelines for assistance in completing the application)

New       Renewal       Modification

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2. Operator: Public Service Company of New Mexico  
Address: 603 W. Elm Street, Farmington, New Mexico 87499  
Contact Person: Kevin Lawrence Phone: (505) 324-3749
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Submit large-scale topographic map showing exact location. (see attached map)
4. Attach the name, telephone number and address of the landowner of the facility site. (no change)
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility. (see revised facility diagram)
6. Attach a description of all materials stored or used at the facility. (see revised attached Item 6)
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included. (no change)
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures. (see revised attached Item 8)
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems. (no change)
10. Attach a routine inspection and maintenance plan to ensure permit compliance. (see revised attached Item 10)
11. Attach a contingency plan for reporting and clean-up of spills or releases. (no change)
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included. (no change)
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. (no change)
14. CERTIFICATION I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Kevin Lawrence

Title: Gas Compression Operations Supervisor II

Signature: 

Date: 02/15/06

E-mail  
Address: klawren1@pnm.com



If you have any questions about this payment please contact:

Public Service Company of New Mexico  
Accounts Payable, MS 0720  
Alvarado Square  
Albuquerque, New Mexico 87158  
(505) 241-2120

CO.	BANK #	CK DATE	VENDOR NO.		CK NO.
WA	606	012606	NME336222101		[REDACTED]

INVOICE #	DATE	GROSS AMT	DISC.	DED	NET AMT	SOURCE REF	REMARKS	A
NMEDWQ060182998	01/25/06	100.00	0.00	0.00	100.00	060182998	FILING FEE	Y

TOTAL \$100.00

THE ORIGINAL DOCUMENT HAS A WHITE REFLECTIVE WATERMARK ON THE BACK. HOLD AT AN ANGLE TO VIEW. DO NOT CASH IF NOT PRESENT.



606 [REDACTED]



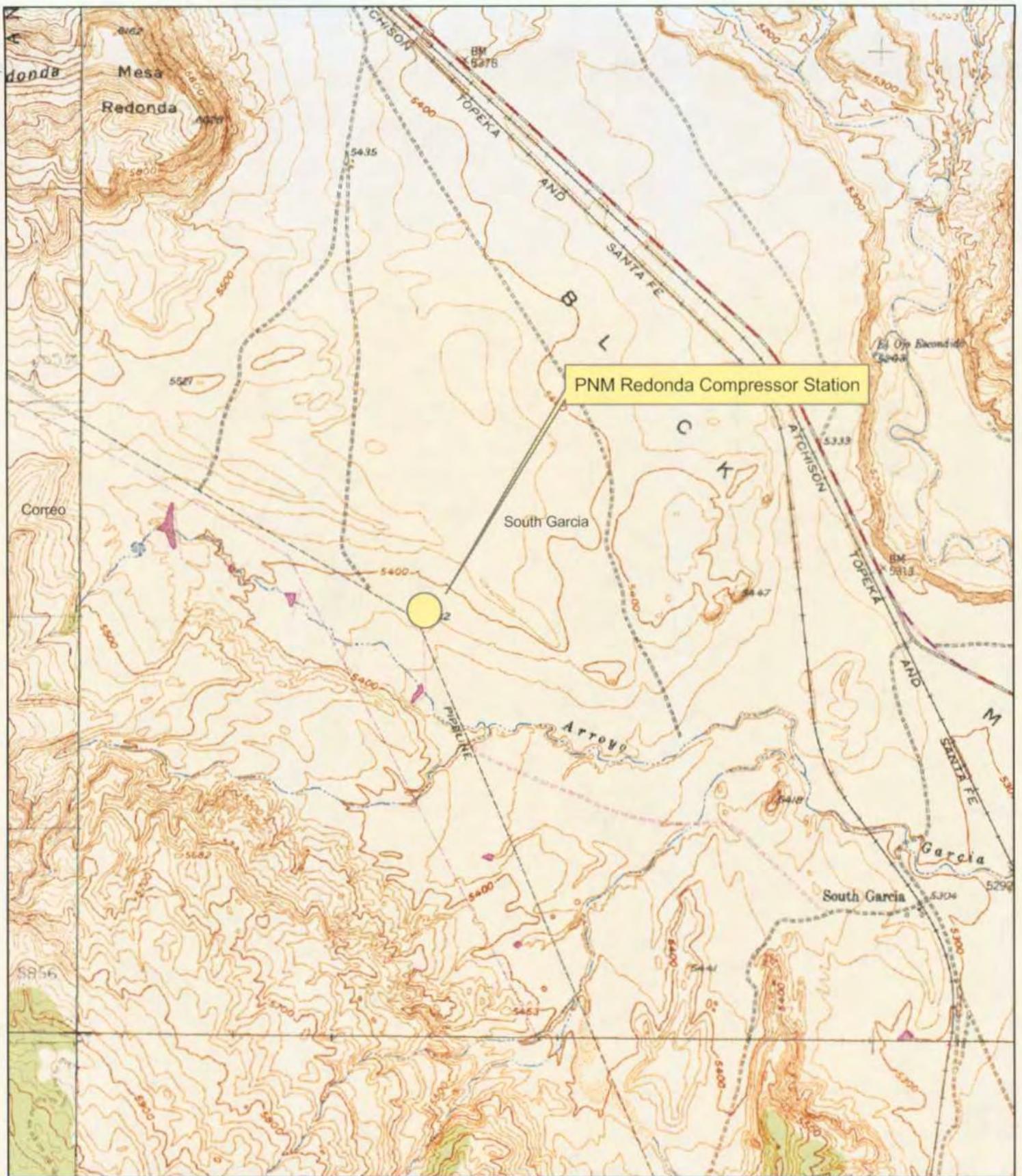
General Fund Account

CHECK NO.	DATE	AMOUNT
[REDACTED]	012606	\$*****100.00

NMED WATER QUALITY MANAGEMENT FUND  
PAY OIL CONSERVATION DIVISION, ENVIRONMENTAL  
TO THE 1220 S. ST. FRANCIS DRIVE  
ORDER SANTA FE, NM 87505  
OF

*[Handwritten Signature]*  
Authorized Signature

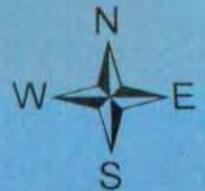




PNM Redonda Compressor Station

Ownership: Laguna Pueblo  
 Quad Map: South Garcia  
 Sec. T N. R: Section 25, T8N, R3W

PNM Redonda Compressor Station  
 Valencia County, New Mexico  
 Date: 1/25/2006



2,000 1,000 0 2,000 4,000 6,000 Feet



**General Information**

This document follows the format presented in the "Guidelines for the Preparation of Discharge Plans at Natural Gas Plants, Refineries, Compressor and Crude Oil Pump Stations (Revised 12-95)".

A. Name of Discharger or Legally Responsible Party:

Public Service Company of New Mexico (PNM)  
Alvarado Square  
Albuquerque, NM 87158

B. Name of Local Representative or Contact Person:

Facility Contact: Kevin Lawrence  
Public Service Company of New Mexico (PNM)  
603 W. Elm Street  
Farmington, New Mexico 87499  
(505) 324-3749

Permit Application Contact: Robin DeLapp  
Public Service Company of New Mexico (PNM)  
Alvarado Square, MS 2104  
Albuquerque, New Mexico 87158  
(505) 241-2016

C. Location of Discharge:

SE ¼ of the NW 1/4, Section 25, Township 8 North, Range 3 West, NMPM  
Valencia County, New Mexico

D. Copies:

Three (3) copies of Discharge Plan Renewal Application are submitted to OCD.

E. Affirmation:

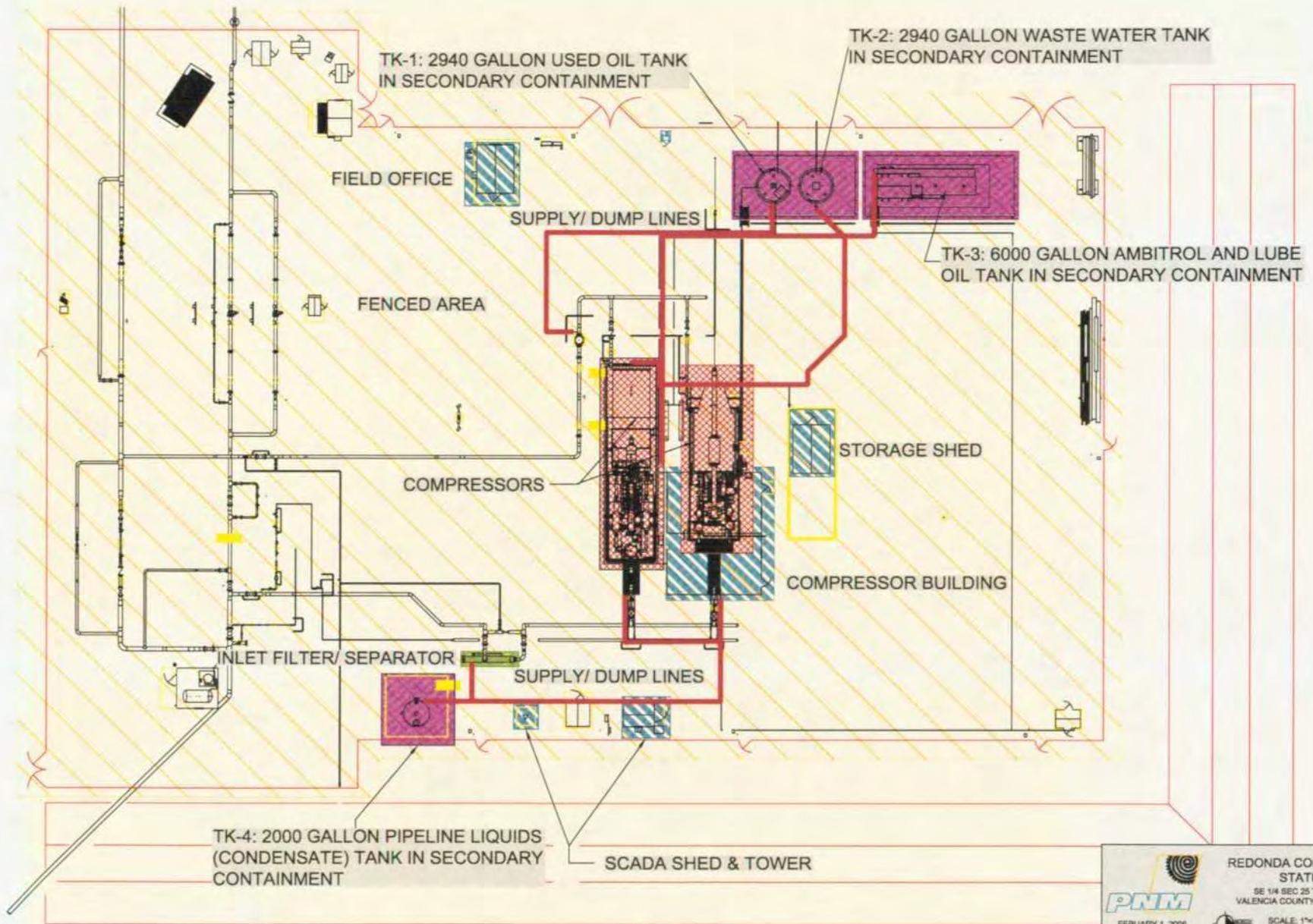
"I hereby certify that I am familiar with the information contained herein and submitted with this discharge plan and that such information is true, accurate and complete to the best of my knowledge."

  
Signature

02/15/06  
Date

KEVIN E. LAWRENCE  
Printed Name

COMPRESSION SUPV.  
Title




**REDONDA COMPRESSOR STATION**  
 SE 1/4 SEC 25 T08 N R03 W  
 VALENCIA COUNTY, NEW MEXICO  
 FEBRUARY 1, 2006  SCALE: 1"=300'

**Item 6: Revised**

Attach a description of all materials stored or used at the facility.

Container	ID No.	Material Stored	Volume (gallons)	Location	Containment
IGT	TK-1	Used oil	2940	Northwest of compressors	Double walled, double bottomed in secondary containment, galvanized steel/gravel
IGT	TK-2	Waste water	2940	Northwest of compressors	Double walled, double bottomed in secondary containment, galvanized steel/gravel
AGT	TK-3	Ambitrol (FL-50) and lube oil (Pegasus 805)	6000 (3000 Ambitrol and 3000 lube oil)	Northwest of compressors	Secondary containment, galvanized steel/cement
AGT	TK-4	Pipeline liquids (condensate)	2000	Southeast of compressors	Secondary containment, galvanized steel/cement

TK: tank

IGT: in-ground tank

AGT: above ground tank

**Item 8: Revised**

*Attach a description of current liquid and solid waste collection/treatment/disposal procedures.*

<i>Type of Waste</i>	<i>Collection</i>	<i>Storage</i>	<i>Hauled by</i>	<i>Disposal</i>
Pipeline liquids (condensate)	Piped to TK-4 by 1" dump lines	TK-4	Rinchem Company	Rinchem Company
Used oil	Piped to TK-1 by 2" lines	TK-1	Rinchem Company	Rinchem Company
Waste water	Piped to TK-2 by 2" lines	TK-2	Rinchem Company	Rinchem Company
Solid Waste	None on-site	Trash hauled to Espejo Compressor Station as generated	PNM to Espejo Compressor Station	Waste Management Landfill, Rio Rancho, NM
Special Waste (used filters)	Drained into TK-1	Plastic bags	Rinchem Company	Waste Management Landfill, Rio Rancho, NM

Rinchem Company, 6133 Edith Boulevard, NW, Albuquerque, NM 87107 (505) 345-3655

Waste Management Landfill, 402 Industrial Park Loop, NE, Rio Rancho, NM 87124 (505) 892-2055

PNM performed pressure testing on the underground wastewater and condensate lines on March 20, 2002 and submitted to results to the Oil Conservation Division. PNM will perform these test every five years as specified in the Discharge Permit.

**Item 10: Revised**

*Attach a routine inspection and maintenance plan to ensure permit compliance.*

Redonda is continuously operated and is manned 4 hours per day. The station is equipped with alarms that will notify the designated on-call operator of an emergency. The site is inspected daily by facility personnel. Inspection and maintenance are performed and documented according to the guidelines set forth in the Redonda Prevention, Control, and Countermeasure (SPCC) Plan.

Public Service Company  
of New Mexico  
Alvarado Square MS 2104  
Albuquerque, NM 87158  
Fax 241-2376

May 16, 2002



Mr. Jack Ford  
New Mexico Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**RE: Hydrostatic Testing Results  
Espejo Compressor Station (GW-066) and Redonda Compressor Station (GW-065)**

Dear Mr. Ford:

Public Service Company of New Mexico (PNM) conducted hydrostatic testing at its Espejo Compressor Station and Redonda Compressor Station in accordance with the New Mexico Oil Conservation Division (NM-OCD) Ground Water Discharge Plan requirements. The tests were conducted in accordance with procedures submitted to (3/8/02) and approved by the OCD (3/14/02). The integrity testing was performed on the non-pressurized gravity drained underground wastewater pipelines to demonstrate their mechanical integrity. The testing was conducted in two (2) stages because of pressure loss in the first stage.

**Stage 1**

PNM employees conducted Stage 1 using air pressure. Testing was performed March 19, 2002 (Espejo) and March 20, 2002 (Redonda). A drop in air pressure occurred at both facilities. PNM suspected the source of the problem was minor since the amount of wastewater drained into the tank closely matched the amount of washdown water used on the compressor pads. The results, as recorded by PNM personnel, are attached. Since the source of pressure loss was undetectable with air it was decided water would be used to better pinpoint the cause.

**Stage 2**

For Stage 2 PNM used a contractor experienced in conducting water hydrostatic testing. Testing was performed March 26, 2002 (Redonda) and 27, 2002 (Espejo). The contractor, AMEC Earth & Environmental, Inc. of Farmington, New Mexico used an eight (8) foot high PVC riser to provide a minimum three (3) pounds per square inch (psi) above normal operating pressure in the isolated underground lines. Clean water was injected into the lines and all air was removed. The water was pumped from a 300-gallon trailer mounted plastic tank. Water pressure was measured with gauges positioned at the base of the riser. A system was considered passing or non-leaking when the height of the water column held steady for a period of 60 minutes.

The height of water column was raised to seven (7) feet and recorded. AMEC personnel noted the water levels at regular intervals. The water column dropped at both facilities confirming pressure loss. The soil at major drain line junctions or at visible surface moisture locations were excavated to inspect the piping. One leak was found at Espejo and several at Redonda. All faulty piping components were replaced. Soil samples around the leak location(s) were collected for

analysis. The lines were retested to verify all pressure loss points were located and corrected before backfilling. After each isolated system was tested the water was drained into the existing wastewater tanks. A final successful hydrostatic test was completed at Redonda on March 26 and at Espejo on March 27. AMEC's test results are attached.

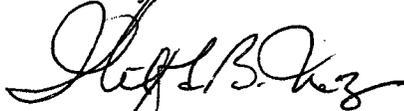
During Stage 2 two samples were taken at Redonda and one at Espejo. All samples collected were submitted to Pinnacle Laboratories for analysis of total petroleum hydrocarbons (TPH) using EPA Method 418.1.

At Redonda, the samples were collected at a leaking connection found during testing. Two samples were taken, one at 20" deep from ground surface and the second at 24" below ground surface (a depth 4" below the leaking connection). The concentration of TPH at the leak was 2900 ppm. At 4" deeper, the TPH concentration was 130 ppm. Using the OCD ranking score at Redonda, a value of ten (10) points is given for the depth to ground water (80 feet), ten (10) points for distance to a surface water body (less than 1000 feet), and zero (0) points since no domestic wells are located within 1000 feet. Therefore, the total ranking score is twenty (20) that correlates to a recommended concentration of TPH 100 ppm. We would anticipate that if the second sample was taken just an inch or two lower, then concentration would meet the 100 ppm recommended level and would therefore not require any further action. Our sampling results at Redonda indicate high TPH concentrations stayed very close to the leaking connection and did not migrate very far.

At Espejo, the sample was taken at the leaking connection and resulted in a concentration of TPH 4000 ppm. Using the OCD ranking score at Espejo, a value of zero (0) points is given for the depth to ground water (719 feet), zero (0) points for distance to a surface water body (greater than 1000 feet), and zero (0) since no domestic wells are located within 1000 feet. Therefore, the total ranking score is zero, which indicates no further action. The laboratory results are attached.

Jack, call me at (505) 241-4873 if you need additional information or have any questions.

Cordially,



Wilford B. Nez  
Sr. Engineering Tech

Cc: R. DeLapp – Senior Environmental Scientist  
D. Engert – PNM Compressor Mgr.



April 19, 2002  
AMEC Project No. 2517000028

Mr. Kevin Lawrence  
Public Service Company of New Mexico  
West Elm Street  
Farmington, NM 87401

Mr. Dan Engert  
Public Service Company of New Mexico  
414 Silver Avenue, SW  
Albuquerque, NM 87102-1007

**RE: Drain Line Testing  
PNM Redonda Compressor Station**

Dear Mr. Lawrence and Mr. Engert,

AMEC Earth & Environmental, Inc. is pleased to provide Public Service Company of New Mexico (PNM) with results of hydrostatic testing for the belowground, non-pressurized, process and wastewater drain system at the Redonda Compressor Station located west of Los Lunas, New Mexico. Only below ground, non-pressurized process and wastewater lines were tested, as required by the New Mexico Oil Conservation Division (NMOCD).

Notice to proceed for this project was granted by Mr. Dan Engert with PNM on March 25, 2002. AMEC mobilized to the site on March 26, 2002 and began line testing, completing the work on the same day. AMEC's on-site crew consisted of Morgan Killion (Project Superintendent), and a 2-man field crew.

Procedures for testing the drain lines at this facility consisted of plugging the drain lines associated with the operation of the compressor used to drain oil and wastewater. The underground pipelines carrying process or wastewater were isolated. Each isolated system was filled with clean water and air was removed. A water-filled riser of at least eight feet in height was used to provide a minimum of 3 pounds per square inch above normal operating pressure. A system was considered passing or non-leaking when the height of the water column held steady for a period of 60 minutes.

AMEC discovered one leak in the system during the testing. The leak was identified by visual observations of moisture surfacing above the sub-grade lines. Area of leak was excavated by AMEC to identify the cause and effect of leakage. AMEC repaired the leaks by replacing a valve, two couplings and a Tee that were part of the drain line system. A final passing hydrostatic test was completed on the Redonda Compressor Station system non-pressurized drain lines on March 28, 2002.

Public Service Company of New Mexico  
Redonda Compressor Station – Drain Line Testing  
April 19, 2002



In keeping PNM's safety policy, along with AMEC's own internal Health and Safety policies, all on-site employees participated and attended daily safety meetings.

AMEC appreciates the opportunity to perform these services at the Redonda Compressor Station for PNM. Should you have any questions, please feel free to contact our office at (505) 327-7928.

Respectfully submitted,  
**AMEC EARTH & ENVIRONMENTAL, INC.**

A handwritten signature in black ink, appearing to read "Don Fernald". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Don Fernald  
Program Manager

Attachment: Summary of Line Testing

# Hydrostatic Line Testing Form



AMEC Project Number: 2517000028 Client: Public Service Company of New Mexico

Task: \_\_\_\_\_ Facility Name: Redonda Compressor Station

Test Description: Hydrostatic Test

System Description: waste water drain lines

Test Medium: Water Test Pressure: 3 PSI Test Date: 3-26-02

**Test Requirements:** Hydrostatic pressure test on all underground process/wastewater pipelines in accordance with the State of New Mexico, Energy, Minerals, and Natural Resources Department - Oil Conservation Division Best Management Practices minimum requirements. Perform a hydrostatic pressure test on underground process/wastewater pipelines at 3 pounds per square inch for a period of one hour.

### Test Data:

Start	Stop	Pressure	Pass/Fail	Lines Tested
1115	1120	3+PSI	Fail	Found leak and repaired
1310	1340	3+PSI	Fail	check valves change manifold
1420	1450	3+PSI	Fail	check valves
1530	1630	104' of W.G.	3+PSI Pass	Entire system

### Review and Approvals:

<u>Morgan Killion</u> AMEC Representative Signature	Morgan Killion / Project Supervisor Printed Name	<u>3-26-02</u> Date
<u>Larry Gonzales</u> Client Representative Signature	<u>LARRY GONZALES</u> Printed Name	<u>3-26-02</u> Date

# 2002 WASTE WATER TESTING

Page 1 of 1

Station: Redonda Compressor Station Date: 03/20/02

Legal Description: SE/4 Sec. 25, T08N, R03W County: Sandoval

Test:  Retest: 1 2 3

Size Pipe Tested: 2" Approximate Footage: 175'

Pipe Material: PVC (SCH. 40)

Test Media: Compressed Air Test Pressure: 10#

Type of System: Gravity Fed Waste Water

Start Test Pressure: 10# Ending Test Pressure: 0# Pressure Drop: 10#

Duration of Test: 1 Hour ( Failed Immediately )

Weather at Test: Clear / Cool Ambient Temp.: 45°F

Test Start Time: 9:05 AM Test Stop Time: 9:06 AM

Test Successful:  Test Failed:

Reason for Failure (Explain): Unknown / Line would not hold pressure

PNM or Contract Personnel Performing Test: Kevin Lawrence, Larry Gonzales & Plemon Johnson - PNM Compression Services

Person(s) Witnessing Test: Wilford Nez - PNM Environmental Services

If Test Failed, Follow-Up with Attached Retest Sheet....

Comments: If Failed, Follow-up with Corrections Made. Prior to Re-Test.

Line retested by Amec. Environmental Services out of Farmington on 03/28/02.

Discovered a Bad Valve & Multiple cracked 2" PVC Fittings. Repaired and Re-tested Successfully. (See Final Amec Report Dated April 19, 2002).

Kevin Lawrence

03/20/02

(Signature)

Printed

Date

**Ford, Jack**

---

**To:** DeLapp, Robin  
**Subject:** RE: PNM Espejo & Redonda +  
Robin  
Public Service Company of New Mexico

To clarify Condition 10 of the discharge plan attachment. Process/wastewater lines are those underground pipelines that drain to a collection tank under gravity conditions. Product is generally moved through pipelines under pressure and any leaks that occur could be detected rather quickly, therefore these type of underground lines are not required to be tested. Lines used to move fluids under gravity conditions might not show on the surface until a major leakage had occurred and therefore could move downward through the vadose zone for some period of time before being detected. This has proved to be the case in a number of circumstances in the past.

Your "workplan", as described in your e-mail message, **is approved**. Please furnish the OCD with a final report at the conclusion of the work. We appreciate your prompt attention to the initial results in making a determination of the integrity of the wastewater lines at Espejo and Redono compressor stations.

If you have any questions contact me via e-mail or telephone (505) 476-3489.

Sincerely,  
/s/  
Jack Ford  
Oil Conservation Division

-----Original Message-----

**From:** DeLapp, Robin [mailto:RDELAPP@pnm.com]  
**Sent:** Friday, March 22, 2002 9:14 AM  
**To:** 'jwford@state.nm.us'  
**Subject:** PNM Espejo & Redonda + Others

Jack Ford  
Oil Conservation Division

Jack,  
I wanted to discuss a couple of items with you.

First, I wanted to ask for clarification of Condition 10 of the OCD Discharge Plan Approval Conditions for PNM's Animas, Espejo, Redonda, and Star Lake Compressor Stations. Condition 10 states that "All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years". Can you please define process/wastewater pipelines? Would these include underground pipelines that transfer products other than wastewater?

Secondly, I wanted to let you know that the integrity tests on the wastewater lines were completed at PNM's Espejo Compressor Station (March 19, 2002) and Redonda Compressor Station (March 20, 2002) using air pressure. A drop in pressure occurred at both locations. PNM will conduct additional investigations to determine the cause of the pressure drop. We suspect the source of this problem to be minor since the wastewater tank level raises in accordance with the amount of washdown water used on the compressor pads.

To determine the source of the problem, PNM plans to conduct leak surveys at Espejo and Redonda

3/22/2002

between March 27 and 29, 2002. The survey will consist of filling the wastewater lines with natural gas and using a gas detector on the ground surface that senses leaking natural gas. Any potential problem area(s) will be marked and the survey will be conducted again to verify the results. Once the problem area has been pinpointed, the area will be excavated and repaired. If a leak has occurred, PNM will notify the OCD and supply the required information as specified in OCD's Guidelines for Remediation of Leaks, Spills, and Releases, August 13, 1993.

If no leaks are detected, PNM will bring in an outside contractor to assist to explain why the pressure dropped in the initial tests.

Please let me know if you require any additional information at this time. We will keep you posted on activities at both sites.

Robin DeLapp  
Public Service Company of New Mexico  
Alvarado Square, Mail Stop 2104  
Albuquerque, New Mexico 87158  
phone: (505) 241-2016/ fax: (505) 241-2376  
cell: (505) 362-0730/ email: rdelapp@pnm.com

3/22/2002

**Ford, Jack**

---

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**Sent:** Friday, March 22, 2002 9:14 AM  
**To:** 'jwford@state.nm.us'  
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Oil Conservation Division

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To determine the source of the problem, PNM plans to conduct leak surveys at Espejo and Redonda between March 27 and 29, 2002. The survey will consist of filling the wastewater lines with natural gas and using a gas detector on the ground surface that senses leaking natural gas. Any potential problem area(s) will be marked and the survey will be conducted again to verify the results. Once the problem area has been pinpointed, the area will be excavated and repaired. If a leak has occurred, PNM will notify the OCD and supply the required information as specified in OCD's Guidelines for Remediation of Leaks, Spills, and Releases, August 13, 1993.

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Robin DeLapp  
Public Service Company of New Mexico  
Alvarado Square, Mail Stop 2104  
Albuquerque, New Mexico 87158  
phone: (505) 241-2016/ fax: (505) 241-2376  
cell: (505) 362-0730/ email: rdelapp@pnm.com

3/22/2002

Public Service Company  
of New Mexico  
Alvarado Square MS 2104  
Albuquerque, NM 87158  
Fax 241-2376

By fax and mail

March 14, 2002

Mr. Frank Chavez  
New Mexico Oil Conservation Division (OCD)  
District 3  
1000 Rio Brazos Road  
Aztec, NM 87410



RECEIVED

MAR 18 2002  
Environmental Bureau  
Oil Conservation Division

**Subject: Public Service Company of New Mexico  
Underground Pipeline Integrity Testing  
Espejo Compressor Station (GW-066) and Redondo Compressor Station  
(GW-065)**

Dear Mr. Chavez:

Attached find notification and approval of Public Service Company of New Mexico's scheduled March 19 hydrostatic testing at the above-referenced facilities.

Cordially,

A handwritten signature in cursive script, appearing to read "Wil Nez", is written over a faint, larger version of the same signature.

Wil Nez  
Senior Engineering Tech

wbn  
Attachments

cc: W. Jack Ford, OCD  
Dan Engert, PNM  
DCC  
ESD Files

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

March 8, 2002

Mr. Roger Anderson  
New Mexico Oil Conservation Division (OCD)  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Subject: Public Service Company of New Mexico  
Groundwater Discharge Plan Approvals for  
Espejo Compressor Station (GW-066) and Redonda Compressor Station (GW-065)

Dear Mr. Anderson,

The Public Service Company of New Mexico (PNM) hereby notifies the OCD of its plans to conduct underground process/wastewater pipeline mechanical integrity testing at the Espejo and Redonda Compressor Stations on March 19, 2002. PNM proposes to conduct the tests in accordance with the test methods and procedures attached for review and approval by OCD. In accordance with Discharge Plan Approval Condition 10, PNM is submitting this notification at least 72 hours prior to the tests. Please call me at (505) 241-2016 if you have any questions.

Sincerely,

Robin K. DeLapp  
Senior Environmental Scientist

rkd  
Enclosure

cc: Dan Engert, PNM  
DCC  
ESD Files

**Public Service Company of New Mexico**  
**Process and Wastewater Drain Lines Pressure Test Procedure**

PNM will provide a group of employees to perform hydrostatic drain line testing at the facilities. The drain line testing will be performed in accordance with the New Mexico Oil Conservation Division (NM-OCD) Ground Water Discharge Plan requirements.

The underground pipelines carrying fluids, process, or wastewater will be isolated and will be filled with clean water to remove airspace. A water-filled riser of sufficient height to provide three pounds per square inch (psi) above normal operating pressure will be installed. The height of the water column will be noted. Each system will be considered not leaking when the height of the water column holds steady for a period of 60 minutes. If the water in the riser pipe drops during the test, valves, plugs, and other blocking methods will be checked and the test repeated. If the repeated test fails, the system will be classified as leaking.

Line leaks will be located using one of the following detection methods. Hydro detection, which consists of filling the system with water, will be used to locate areas of the system where the surface is wet. This method is used first, due to the fact that the system is already filled with water and some leaks are quickly detectable. If the leaking area of the system is not located in a reasonable length of time, the system will be drained of water the filled with an inert gas. A specific gas detector will be used to locate the leak. In the event these methods fail, areas where leaks are most likely to occur, such as valves, unions and connections will be excavated for visual inspection. After a leak is located, the soil around the leak will be sampled to determine if it has been impacted. The leak will be repaired and the system re-checked for the possibility of multiple leaks.

Should any impacted soils be encountered, PNM's Environmental Services Department will be contacted and a remediation plan for impacted soils will be developed in accordance with regulatory requirements.

*3/18/02*  
*Modified to use air pressure @ 3# psi*  
*instead of water.*



March 14, 2002

Via e-mail

Ms. Robin K. DeLapp  
Public Service Company of New Mexico  
Alvarado Square MS 2104  
Albuquerque, New Mexico 87158

**RE: UNDERGROUND PIPELINE INTEGRITY TESTING  
ESPEJO COMPRESSOR STATION, GW-066 AND REDONDO COMPRESSOR  
STATION, GW-065**

Dear Ms. DeLapp:

The New Mexico Oil Conservation Division (OCD) has reviewed Public Service Company of New Mexico's (PNM) March 8, 2002 work plan for the hydrostatic testing of the underground pipelines at the two above captioned facilities. The above referenced work plan is **herewith approved**.

Please notify the OCD Aztec District office prior to beginning the testing procedures. Please notify the OCD of the results of the testing. In addition, OCD approval does not relieve PNM of responsibility for compliance with any other federal, state or local laws and regulations.

If you have any questions, please call me at (505) 476-3489.

Sincerely,

/s/

W. Jack Ford, C.P.G.  
OCD Environmental Bureau

xc: OCD Aztec District Office

**Ford, Jack**

---

**From:** System Administrator [postmaster@pnm.com]  
**Sent:** Thursday, March 14, 2002 10:32 AM  
**To:** JWFORD@state.nm.us  
**Subject:** Delivered: Work Plan Approval



Work Plan Approval

<<Work Plan Approval>> Your message

**To:** 'rdelapp@pnm.com'  
**Cc:** Foust, Denny  
**Subject:** Work Plan Approval  
**Sent:** Thu, 14 Mar 2002 10:25:29 -0700

was delivered to the following recipient(s):

DeLapp, Robin on Thu, 14 Mar 2002 10:24:36 -0700  
MSEXCH:MSExchangeMTA:CENTRAL:ALBMAIL1

March 14, 2002

Via e-mail

Ms. Robin K. DeLapp  
Public Service Company of New Mexico  
Alvarado Square MS 2104  
Albuquerque, New Mexico 87158

**RE: UNDERGROUND PIPELINE INTEGRITY TESTING  
ESPEJO COMPRESSOR STATION, GW-066 AND REDONDO COMPRESSOR  
STATION, GW-065**

Dear Ms. DeLapp:

The New Mexico Oil Conservation Division (OCD) has reviewed Public Service Company of New Mexico's (PNM) March 8, 2002 work plan for the hydrostatic testing of the underground pipelines at the two above captioned facilities. The above referenced work plan **is herewith approved.**

Please notify the OCD Aztec District office prior to beginning the testing procedures. Please notify the OCD of the results of the testing. In addition, OCD approval does not relieve PNM of responsibility for compliance with any other federal, state or local laws and regulations.

If you have any questions, please call me at (505) 476-3489.

Sincerely,

/s/

W. Jack Ford, C.P.G.  
OCD Environmental Bureau

xc: OCD Aztec District Office

Public Service Company  
of New Mexico  
Alvarado Square MS 2104  
Albuquerque, NM 87158  
Fax 241-2376

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED



March 8, 2002

Mr. Roger Anderson  
New Mexico Oil Conservation Division (OCD)  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Subject: Public Service Company of New Mexico  
Groundwater Discharge Plan Approvals for  
Espejo Compressor Station (GW-066) and Redonda Compressor Station (GW-065)

Dear Mr. Anderson,

The Public Service Company of New Mexico (PNM) hereby notifies the OCD of its plans to conduct underground process/wastewater pipeline mechanical integrity testing at the Espejo and Redonda Compressor Stations on March 19, 2002. PNM proposes to conduct the tests in accordance with the test methods and procedures attached for review and approval by OCD. In accordance with Discharge Plan Approval Condition 10, PNM is submitting this notification at least 72 hours prior to the tests. Please call me at (505) 241-2016 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Robin K. DeLapp". The signature is written in a cursive, slightly slanted style.

Robin K. DeLapp  
Senior Environmental Scientist

rkd  
Enclosure

cc: Dan Engert, PNM  
DCC  
ESD Files

**Public Service Company of New Mexico**  
**Process and Wastewater Drain Lines Pressure Test Procedure**

PNM will provide a group of employees to perform hydrostatic drain line testing at the facilities. The drain line testing will be performed in accordance with the New Mexico Oil Conservation Division (NM-OCD) Ground Water Discharge Plan requirements.

The underground pipelines carrying fluids, process, or wastewater will be isolated and will be filled with clean water to remove airspace. A water-filled riser of sufficient height to provide three pounds per square inch (psi) above normal operating pressure will be installed. The height of the water column will be noted. Each system will be considered not leaking when the height of the water column holds steady for a period of 60 minutes. If the water in the riser pipe drops during the test, valves, plugs, and other blocking methods will be checked and the test repeated. If the repeated test fails, the system will be classified as leaking.

Line leaks will be located using one of the following detection methods. Hydro detection, which consists of filling the system with water, will be used to locate areas of the system where the surface is wet. This method is used first, due to the fact that the system is already filled with water and some leaks are quickly detectable. If the leaking area of the system is not located in a reasonable length of time, the system will be drained of water the filled with an inert gas. A specific gas detector will be used to locate the leak. In the event these methods fail, areas where leaks are most likely to occur, such as valves, unions and connections will be excavated for visual inspection. After a leak is located, the soil around the leak will be sampled to determine if it has been impacted. The leak will be repaired and the system re-checked for the possibility of multiple leaks.

Should any impacted soils be encountered, PNM's Environmental Services Department will be contacted and a remediation plan for impacted soils will be developed in accordance with regulatory requirements.

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 7/25/01  
or cash received on 8/30/01 in the amount of \$ 1,700.00  
from PNM GAS SERVICES  
for PNM Rio Puerco C.S. GW-065  
Submitted by: (Family Name) ED MARTIN Date: (DP No.) 8/30/01  
Submitted to ASD by: ED MARTIN Date: 8/30/01  
Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal   
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Agency)  
Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment  or Annual Increment \_\_\_\_\_



Electric and Gas Services

If you have any questions about this payment please contact:

Public Service Company of New Mexico

Accounts Payable, MS 0720

Alvarado Square

Albuquerque, New Mexico 87158

(505) 241-2120

CO.	BANK #	CK DATE	VENDOR NO.		CK NO.			
WP	600	010725	WAT443077101		[REDACTED]			
INVOICE #	DATE	GROSS AMT	DISC.	DED	NET AMT	SOURCE REF	REMARKS	A
010773600	07/03/01	1,700.00	0.00	0.00	1,700.00	010773600	PNM	

TOTAL \$1,700.00

THE FACE OF THIS DOCUMENT HAS A MULTICOLORED BACKGROUND ON WHITE PAPER

600 [REDACTED]



Electric and Gas Services

General Fund Account

CHECK NO.	DATE	AMOUNT
[REDACTED]	010725	*****1,700.00

**PAY**  
**TO THE WATER MANAGEMENT QUALITY MANAGEMENT FUND**  
**ORDER C/O OIL CONSERVATION DIVISION**  
**OF 1220 NORTH ST. FRANCIS DRIVE**  
**SANTA FE, NM 87505**

*[Signature]*

Authorized Signature

THE SANTA FE  
**NEW MEXICAN**

Founded 1849

NEW MEXICO OIL CONSERVATION DIVISION  
ATTN: ED MARTIN

AD NUMBER: 208171      ACCOUNT: 56689  
LEGAL NO: 69314      P.O.#: 01199000033  
188 LINES      1 time(s) at \$ 82.87  
AFFIDAVITS: 5.25  
TAX: 5.51  
TOTAL: 93.63

**NOTICE OF PUBLICATION**

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

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-065) - Public Service Company of New Mexico, D.J. Engert, Compressor Plant Manager, Alvarado Square, Albuquerque, New Mexico 87102-1007, has submitted a discharge plan renewal application for their Redonda Compressor Station located in the SE/4 NW/4, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico. Approximately 50 gallons per month of washdown water and used oil is collected in an above ground steel tank sited within a bermed area and stored prior to transport to an OCD approved off-site recycle facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 80 feet with a total dissolved solids concentration of 1050 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held.

A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 6th day of March, 2001.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
LORI WROTENBERY, Director  
Legal #69314  
Pub. May 25, 2001

**AFFIDAVIT OF PUBLICATION**

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, Mr. Weideman being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #69314 a copy of which is hereto attached was published in said newspaper 1 day(s) between 05/25/2001 and 05/25/2001 and that the notice was published in the first newspaper proper and not in any supplement; the first publication being on the 25 day of May, 2001 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ Mr. Weideman  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this  
25 day of May A.D., 2001

Notary Janet L. Montoya

Commission Expires 12/30/03



OFFICIAL SEAL  
Janet L. Montoya  
NOTARY PUBLIC - STATE OF NEW MEXICO

MY COMMISSION EXPIRES 12/30/03

## **Ford, Jack**

---

**From:** Martin, Ed  
**Sent:** Monday, May 21, 2001 12:23 PM  
**To:** 'Santa Fe New Mexican'  
**Cc:** Ford, Jack  
**Subject:** Legal Notices

Please publish the attached notices one time only upon receipt of this request.  
Upon notification, please send the following to this office:

1. Publisher's affidavit
2. Invoice. Our purchase order number is: **0119900033**

Please publish not later than May 25, 2001.  
If you have any questions, please e-mail me or phone (505) 476-3492.  
Thank you.



Publ. Notice  
GW-065.doc



Publ. Notice  
GW-066.doc

**NOTICE OF PUBLICATION**

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

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**(GW-065) – Public Service Company of New Mexico, D. J. Engert, Compressor Plant Manager, Alvarado Square, Albuquerque, New Mexico 87102-1007, has submitted a discharge plan renewal application for their Redonda Compressor Station located in the SE/4 NW/4, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico. Approximately 50 gallons per month of washdown water and used oil is collected in an above ground steel tank sited within a bermed area and stored prior to transport to an OCD approved off-site recycle facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 80 feet with a total dissolved solids concentration of 1050 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.**

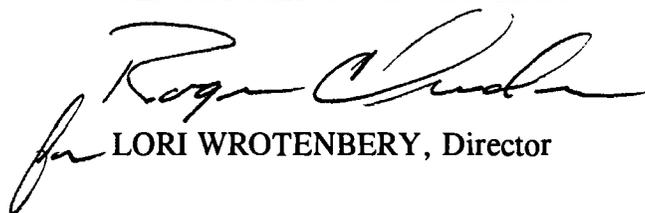
Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held.

A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 6th day of March, 2001.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
LORI WROTENBERY, Director

SEAL

**ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH**

I hereby acknowledge receipt of check No. [REDACTED] dated 5/9/01  
or cash received on \_\_\_\_\_ in the amount of \$ 200.00

from PNM  
for Redonda C.S.  
Espejo C.S. 9W-065  
9W-066

Submitted by: [Signature] Date: 5-17-01 (DP No.)

Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee  New Facility \_\_\_\_\_ Renewal   
Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment  or Annual Increment \_\_\_\_\_

THE FACE OF THIS DOCUMENT HAS A MULTICOLORED BACKGROUND ON WHITE PAPER

600 [REDACTED]



**PNM**

Electric and Gas Services

General Fund Account

CHECK NO.	DATE	AMOUNT
<span style="background-color: black; color: black;">[REDACTED]</span>	010509	\$*****200.00

**PAY  
TO THE  
ORDER  
OF** NMED-WATER QUALITY MANAGEMENT  
PO BOX 2088  
SANTA FE, NM 87504

[Signature]  
Authorized Signature

May 16, 2001

RECEIVED

MAY 17 2000

Oil Conservation Division  
Attn: Roger Anderson  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

ENVIRONMENTAL BUREAU  
OIL CONSERVATION DIVISION

Subject: PNM Discharge Plan Renewals for Espejo Compressor Station and  
Redonda Compressor Station

Dear Roger,

Enclosed please find one original and two copies of the application for renewal of discharge plan for PNM's Redonda Compressor Station at Rio Puerco (previously known as Rio Puerco Compressor Station).

Enclosed you will also find one original and one copy of the application for renewal of discharge plan for PNM's Espejo Compressor Station at Santa Fe Junction (previously known as Santa Fe Junction Compressor Station). One copy of the application has also been sent to the District 3 office in Aztec, NM.

Attached to this letter you will also find a check for \$200 to cover the \$100 filing fee for both applications.

If you have any questions regarding this application please feel free to contact me at (505) 266-6611.

Sincerely



Cale E. Swanson  
Environmental Scientist II

cc: OCD District 3 Office  
Wil Nez (PNM)

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Revised January 24, 2001

Submit Original  
Plus 1 Copy  
to Santa Fe  
1 Copy to Appropriate  
District Office

## DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITIES AND CRUDE OIL PUMP STATIONS

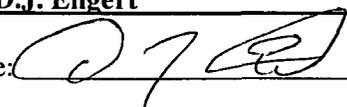
(Refer to the OCD Guidelines for assistance in completing the application)

New                       Renewal                       Modification

*Filing Fee Paid*

1. Type: Redonda Compressor Station at Rio Puerco
2. Operator: Public Service Company of New Mexico (PNM)  
Address: Alvarado Square, Albuquerque, NM 87158  
Contact Person: D.J. Engert, Compressor Plant Manager Phone: (505) 241-4512
3. Location: SE /4 NW /4 Section 25 Township 8N Range 3W  
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: D.J. Engert Title: Compressor Plant Manager

Signature:  Date: 05 / 14 / 01

# 1 General Information

PNM - Redonda Compressor Station

This document follows the format presented in "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants" a copy of which can be found in Appendix A

## I. General Information

A. Name of Discharger or Legally Responsible Party:

Public Service Company of New Mexico (PNM)  
Alvarado Square  
Albuquerque, NM 87102  
(505) 241-4512

B. Name of Local Representative or Contact Person:

DJ. Engert, Compressor Plant Manager  
Public Service Company of New Mexico (PNM)  
Alvarado Square  
Albuquerque, NM 87102-1007  
(505) 241-4512

C. Location of Discharge:

Township 8 North, Range 3 West, NMPM  
UTM East 307500, UTM North 3863000  
Valencia County, NM (see Plate 1)

D. Types of Natural Gas Operations:

A compression facility used for the transportation of pipeline quality natural gas (see Plate 2).

Process: Pipeline quality gas enters the station at a minimum pressure of 600 psig. The natural gas will be compressed and discharged from the station into a pipeline at a maximum pressure of 913 psig.

Design Conditions: Single Stage Compression - (2) Reciprocating Compressors  
Gas Volume: 20-105 MMSCFD  
Station hp: 3,057 hp

E. Copies

Three copies of Discharge Plan are submitted to OCD as required.

F. Affirmation

"I hereby certify that I am familiar with the information contained in and submitted with this discharge plan and that such information is true, accurate, and complete to the best of my knowledge and belief."

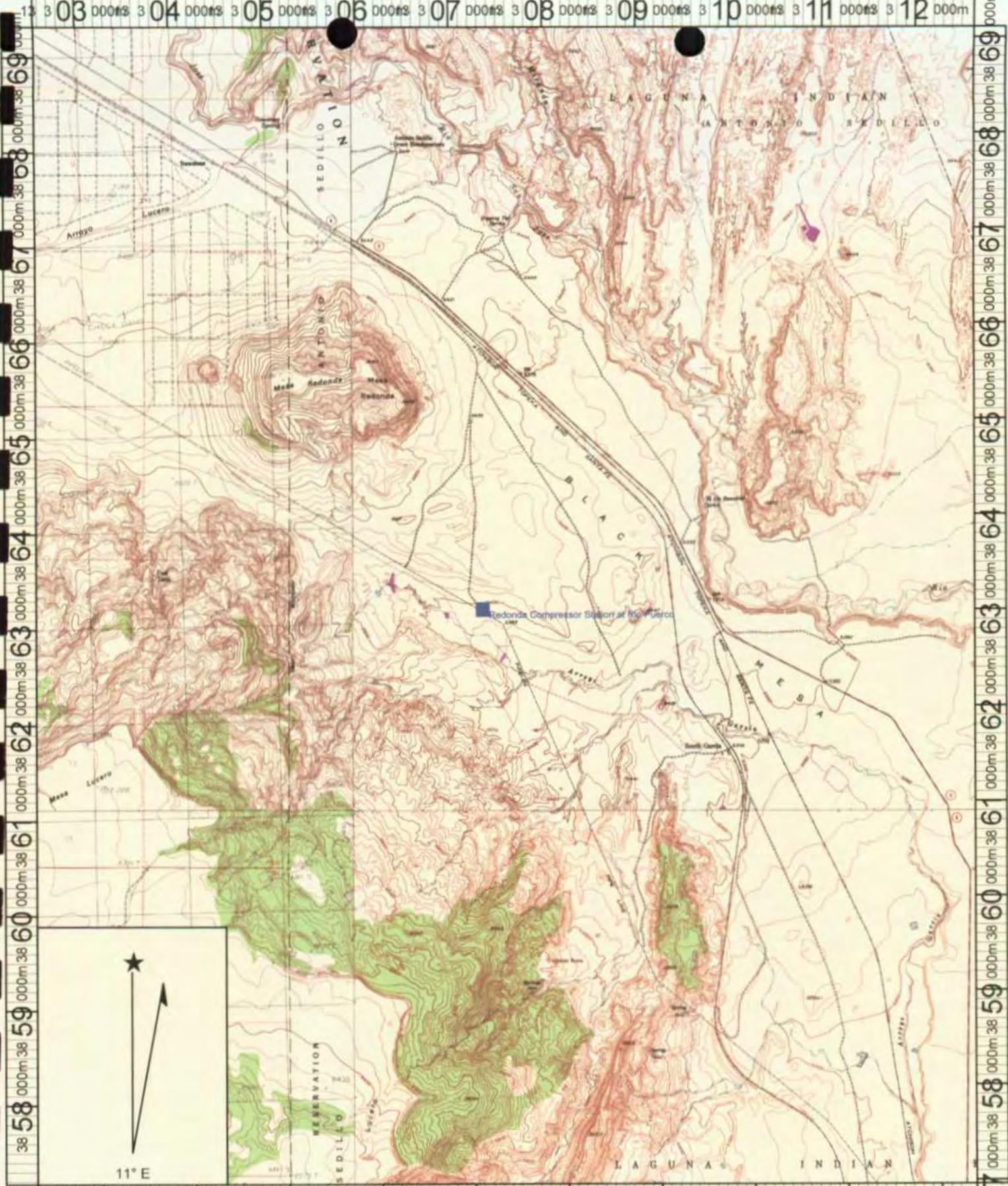
  
Signature

05/14/01  
Date

DANIEL J. ENGERT  
Printed Name

MANAGER  
Title

*Engineering Fee PAID*



Name: SOUTH GARCIA  
 Date: 5/15/2001  
 Scale: 1 inch equals 4444 feet

Location: 13 307462 E 3863141 N  
 Caption: Plate 1: Location of Discharge

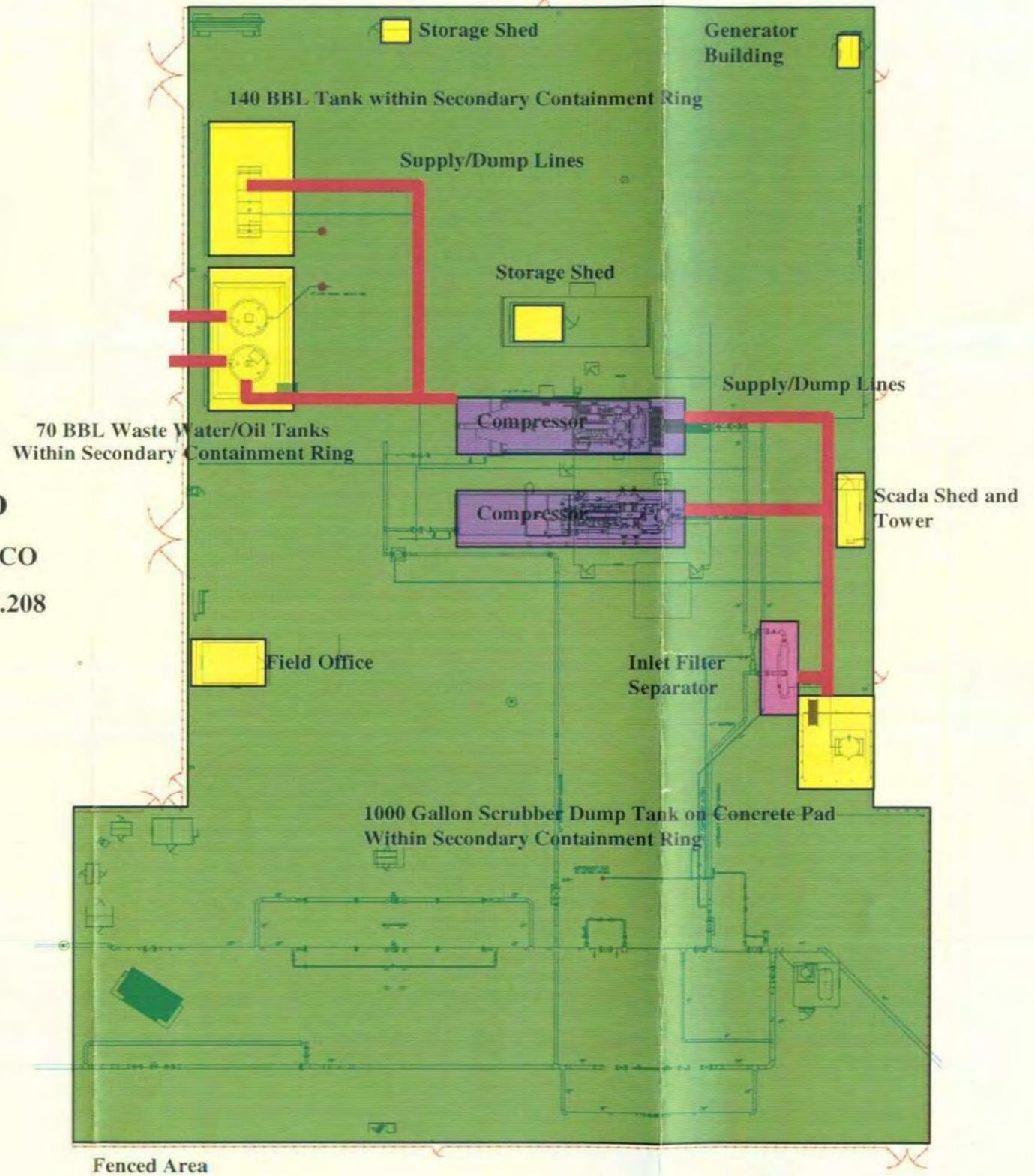
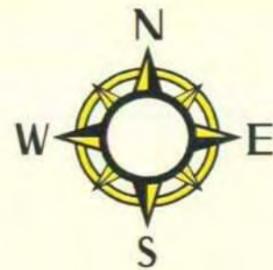


4/25/2001

### Redonda Compressor Station at Rio Puerco

S.E. 1/4 SEC. 25, T-08-N, R-03-W, VALENCIA COUNTY, NEW MEXICO

16" RIO PUERCO MAINLINE: STATION #1859+00 , MILE POST #35.208



# 2 Plant Processes

*PNM - Redonda Compressor Station*

## II. Plant Processes

### A. Sources and Quantities of Effluent and Process Fluids

The natural gas passing through the compressor station is greater than 90% methane by volume.

1. Fresh water will be used to clean or wash-down the compressors, engines, and floors of the compressor buildings. Contaminants in the water consist of dirt and small amounts of lubricating oil that may spill onto the floor of the compressor building during routine maintenance. The usage rate of wash-down water is estimated at 50 gallons per month. The used water is stored in a used water tank.
2. The oil utilized in the compressor engines is changed based on compressor run-time and used at a rate of 200 gallons per month. The used oil is transferred to a used oil tank.
3. A glycol coolant is added to the compressors as evaporation takes place. The replacement rate of the coolant is estimated to be 20 gallons per month.

### B. Quality Characteristics

1. Mobil Pegasus 89 and Pegasus 805 engine oil is used as lubricating oil for the compressor engines. Refer to the Material Safety Data Sheets (MSDS) in Appendix B for a description of this product.
2. Ethylene glycol FL-50 is used as the coolant for the compressor engines. Refer to the Material Safety Data Sheets (MSDS) in Appendix B for a description of this product.

### C. Transfer and Storage of Process Fluids and Effluents

1. All pressure vessels in this plant conform to ASME Code. All process piping was designed and installed per ASME B31.3 Code. Retesting of the effluent lines, with the exception of the five-foot stretch of gravity fed wastewater line, will take place within one year of the approval of this discharge plan. All pressure piping welds were 100% x-rayed. Maximum operating pressures for the pipelines are suction, 600 psia; and discharge, 913 psia.
2. The station has a 6000-gallon above ground tank divided into three sections that hold up to 3000 gallons of ethylene glycol FL-50, 2000 gallons of Pegasus 89, and 1000 gallons of Pegasus 805. The tank is located on a concrete slab within a steel containment ring designed to contain 1.5 times the capacity of the tank.
3. The station has a 3000-gallon capacity used oil tank and a 3000-gallon capacity used water tank. The tanks are located on a concrete slab within a steel containment ring designed to contain 1.5 times the capacity of one of the tanks.

### D. Spill/Leak Prevention and Housekeeping Procedures

1. All operations personnel have been instructed to handle process fluid spills or leaks as follows:

- Small spills: Cover with sand to soak up fluid and shovel into drums for off-site disposal.
  - Large spills: Dike around spill and pump into drums. Call vacuum truck if necessary.
  - Any spill large enough to require a dike to contain it will be reported immediately by phone to the OCD. Written notification will be sent to OCD within one week as specified in Rule 116 of the New Mexico Water Quality Control Commission Regulation.
2. Each aboveground tank will be located within a bermed area with a capacity of at least 1-1/2 times the volume of the largest tank.
  3. A daily walk-through inspection will be performed by the compressor station operator.
  4. All areas identified during operation as susceptible to leaks or spills will be paved, bermed, or otherwise contained to prevent the discharge of any effluents.

# 3 Effluent Disposal

---

*PNM - Redonda Compressor Station*

## III. Effluent Disposal

1. All effluents from the site will be collected, hauled, and disposed of by a recycling contactor approved by the NMOCD.
2. The shipping agent contracted for the off-site disposal is Mesa Environmental, Inc., 7329 Bradburn, Denver, CO 80030.

# 4 Site Characteristics

*PNM - Redonda Compressor Station*

## IV. Site Characteristics

### A. Hydrologic Features:

1. Based on well information from the New Mexico State Engineers office, estimated depth to ground water at the site is 80 feet.
2. The aquifer for this area is most likely in the Entrada sandstone. Total dissolved solids (TDS) concentration is estimated at 1050 mg/l.

### B. Geologic Description of Discharge Site

A soil survey was performed by Western Technologies, Inc. 8305 Washington Place, N.E., Albuquerque, New Mexico 87113. Geotechnical borings drilled to a depth of 21 feet. From 0 to 5 feet, soil borings encountered silty sand; primarily fine-clayey with moderate cementation, and at 10 feet soil characteristics are weathered shaley sandstone, very dense and red.

### C. Flood Protection

Flooding is very unlikely and flood protection is not necessary.

# 5 Additional Information

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*PNM – Redonda Compressor Station*

## V. Additional Information

Produced water will not be present in the pipeline because all gas transported through this system will be a marketable, methane rich, pipeline quality gas.

Contractors used for the hauling and final disposal of the compressor oil will be approved by the New Mexico Environmental Environment Department.

There are no exposed pits or open top tanks exceeding sixteen feet in diameter at this facility. No screening or netting is necessary to preserve wildlife.

All reasonable and necessary measures will be taken to prevent the exceedances of 20 NMAC 6.2.3103 quality standards should PNM choose to close the facility permanently. Closure measures will include removal or closure in place of any underground piping and equipment. All tanks will be emptied. No potentially toxic materials or effluents will remain on site. All potential sources of toxic pollutants will be inspected. Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and 20 NMAC 6.2.1203 will be made, and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

GUIDELINES FOR THE PREPARATION OF  
DISCHARGE PLANS

AT NATURAL GAS PLANTS, REFINERIES, COMPRESSOR  
AND CRUDE OIL PUMP STATIONS  
(Revised 12-95)

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
SANTA FE, NEW MEXICO 87505  
PHONE: 505-476-3440  
FAX: 505-476-3462

### Introduction

The New Mexico Oil Conservation Division (OCD) regulates disposal of non-domestic wastes resulting from the activities at Natural Gas Plants, Refineries, Compressor and Crude Oil Pump Stations pursuant to authority granted in the New Mexico Oil and Gas Act and the Water Quality Act. OCD administers, through delegation by the New Mexico Water Quality Control Commission (WQCC), all Water Quality Act regulations pertaining to surface and ground water except sewage. However, if the sewage is in a combined waste stream, the OCD will have jurisdiction.

Sections 3104 and 3106 of the WQCC Regulations stipulate that, unless otherwise provided for by the regulations, no person shall cause or allow effluent or leachate to discharge so that it may move directly or indirectly into the ground water unless such discharge is pursuant to a discharge plan approved by the director. The Oil and Gas Act (Section 70-2-12.B(22)) authorizes the OCD to regulate the disposition of non-domestic, non-hazardous wastes at oil field facilities to protect public health and the environment. The OCD has combined these requirements into one document, (a "discharge plan") that will provide protection to ground water, surface water and the environment through proper regulation of the transfer and storage of fluids at the facility, and disposal of waste liquids and solids.

A proposed discharge plan shall set forth in detail the methods or techniques the discharger proposes to use which will ensure compliance with WQCC regulations and the Oil and Gas Act. The proposed discharge plan must provide the technical staff and the director of the regulating agency (in this case, the OCD) with sufficient information about the operation to demonstrate that the discharger's activities will not cause state regulations or ground water standards (WQCC Section 3103) to be violated.

A facility having no intentional liquid discharges still is required to have a discharge plan. Inadvertent discharges of liquids (ie. leaks and spills, or any type of accidental discharge of contaminants) or improper disposal of waste solids still have a potential to cause ground water contamination or threaten public health and the environment. The discharge plan must address surface facility operations including storage pits, tankage and loading areas.

For new or proposed facilities, WQCC Regulation 3106.B. requires the submittal and approval of a discharge plan prior to the start of discharges. The regulation further specifies that "for good cause shown, the director may allow such a person to discharge without an approved discharge plan for a period not to exceed 120 days."

For existing facilities, WQCC Regulation 3106.A. provides for submittal of a ground water discharge plan within "120 days of receipt of written notice that a discharge plan is required, or such longer time as the director shall for good cause allow." Dischargers not having an approved discharge plan may continue discharging "without an approved discharge plan until 240 days after written notification by the director that a discharge plan is required or such longer time as the director shall for good cause allow."

DISCHARGE PLAN GUIDELINES  
PAGE 4

The following discharge plan application guidelines have been prepared for use by the discharger to aid in fulfilling the requirements of Sections 3106 and 3107 of the WQCC regulations and to expedite the review process by minimizing OCD requests for additional information. It sets up a logical sequence in which to present the information required in a discharge plan for this type of facility. It is suggested that you read the entire document before preparing your application. Not all information discussed may be applicable to your facility. However, all sections of the application must be completed.

**NOTE:** A completed "Discharge Application" form including date and signature must be included with the application along with the filing fee described in WQCC 3114. The filing fee should be made payable to - NMED Water Quality Management Fund.

If there are any questions on the preparation of a discharge plan, please contact OCD's Environmental Bureau. (1220 S. St. Francis Dr., Santa Fe, New Mexico 87505 or by telephone at (505) 476-3440).

- A. Process specific chemicals - i.e. TEG, Amine, Lean Oil, etc.
- B. Acids/Caustics;
- C. Detergents/soaps;
- D. Solvents, inhibitors and degreasers;
- E. Paraffin Treatment/Emulsion breakers;
- F. Biocides,.
- G. Others;

7. **Sources and Quantities of Effluent and Waste Solids Generated at the Facility**

- A. For each source include types of major effluent (e.g. produced water, spent gas treating fluids, heat media, hydrocarbons, sewage, etc.) estimated quantities in barrels or gallons per month, and types and volumes of major additives (e.g. acids, biocides, detergents from steam cleaner, degreasers, corrosion inhibitors etc.)
  - 1. Separator(s), Scrubber(s), and Slug Catcher(s);
  - 2. Boilers, Waste Heat Recovery Units, cogeneration facilities, and cooling towers/fans;
  - 3. Wash down/Steam out effluent from process and storage equipment internals and externals;
  - 4. Solvent/degreaser use;(Describe)
  - 5. Spent acids or caustics; (Describe).
  - 6. Used engine coolants;(i.e. antifreeze)
  - 7. Used lubrication and motor oils;
  - 8. Used lube oil and process filters;
  - 9. Solids and sludges from tanks (provide description of materials)
  - 10. Painting wastes;

**C. Commingled Waste Streams.**

Note: It is recommended that waste streams be segregated as much as possible-especially those wastes that are exempt from RCRA Subtitle C regulations and those that are non-exempt. If hazardous wastes are on site they should never be commingled with exempt wastes or non-exempt non-hazardous wastes. For guidance in dealing with hazardous wastes contact the NMED Hazardous and Radioactive Materials Bureau at 505-827-1558.

1. If produced and process fluids are commingled within the facility, and if individual rates, volumes and concentrations do not vary beyond a set range, and if process units are entirely self-contained to prevent intentional discharges and spills or inadvertent discharges (see B. 3,4 previous page), then chemical characterization of commingled effluent or process streams may be sufficient to satisfy discharge plan requirements.
2. If the discharger wishes to submit information on commingled streams in lieu of submittal of individual stream characteristics, adequate information should be provided to justify the request.

**8. Description of Current Liquid and Solid Waste Collection/Storage/Disposal Procedures****A. Summary Information.**

For each source listed in Part 7, provide summary information about onsite collection, storage and disposal systems. Indicate whether collection/storage/disposal location is tank or drums, floor drain or sump, lined or unlined pit, onsite injection well, leach field, or offsite disposal.

**B. Collection and Storage Systems.**

1. For collection and storage systems named in Part A, provide sufficient information to determine what water contaminants may be discharged to the surface and subsurface within the facility. Water and wastewater flow schematics may be used provided they have sufficient detail to show individual treatment units. Information desired includes whether tanks, piping, and pipelines are pressurized, above ground or buried. If fluids are drained to surface impoundments, oil skimmer pits, emergency pits, shop floor drains, sumps, etc. for further transfer and processing, provide size and indicate if these collection units are lined or unlined. If lined describe lining material (e.g. concrete, steel tank, synthetic liner, etc.).

- (3) Injection wells - Describe effluent injected, volume, depth, formation, OCD order number and approval date. The effluent must not be classified as a hazardous waste at the time of injection. (Note - Any sump, floor drain or hole deeper than wide used for subsurface emplacement of fluids may be considered an injection well unless its integrity to contain fluids can be demonstrated). Class II injection wells are required to have an OCD permit and can only inject produced water or other waste fluids brought to the surface that are Exempt from RCRA Subtitle C Hazardous Waste regulations. A Part 5 WQCC Class I Non-Hazardous discharge plan approval will be required if the injection well is used to dispose of Non-Exempt, Non-Hazardous effluent. The effluent can not be classified as a Hazardous Waste by characteristics or listing as spelled out in RCRA Subtitle C.
- (4) Drying beds or other pits - Types and volumes of waste, area, capacity, liner, clean-out interval and method, and ultimate disposal location.
- (5) Solids disposal - Describe types volumes frequency and location of on-site solids dried disposal. Types solids include sands, sludges, filters, containers, cans and drums.
- (6) Landfarms- Describe the surface dimensions of the landfarm area and the operational and monitoring procedures.

**NOTE: The OCD has developed specific guidelines for the construction, operation, and monitoring of landfarms.**

- b. For leach fields, pits, and surface impoundments having single liners of any composition, clay liners or that are unlined and not proposed to be modified or closed as part of this discharge plan:
  - (1) Describe the existing and proposed measures to prevent or retard seepage such that ground water at any place of present or future use will meet the WQCC Standards of Section 3103, and not contain any toxic pollutant as defined in Section 1101.TT.
  - (2) Provide the location and design of site(s) and method(s) to be available for effluent sampling. and for measurement or calculation of flow rates.

1. The frequency of sampling, and constituents to be analyzed.
  2. The proposed periodic reporting of the results of the monitoring and sampling.
  3. The proposed actions and procedures (including OCD notification) to be undertaken by the discharger in the event of detecting leaks or failure of the discharge system.
- C. Discuss general procedures for containment of precipitation and runoff such that water in contact with process areas does not leave the facility, or is released only after testing for hazardous constituents. Include information on curbing, drainage, disposition, notification, etc.

**11. Spill/Leak Prevention and Reporting Procedures (Contingency Plans)**

It is necessary to include in the discharge plan submittal a contingency plan that anticipates where any leaks or spills might occur. It must describe how the discharger proposes to guard against such accidents and detect them when they have occurred. The contingency plan also must describe the steps proposed to contain and remove the spilled substance or mitigate the damage caused by the discharge such that ground water is protected, or movement into surface waters is prevented. The discharger will be required to notify the OCD Director of significant leaks and spills, and this commitment and proposed notification threshold levels must be included in the contingency plan. In any case the local OCD District field office should be notified by telephone within 24 hours of a significant spill or release as defined in OCD Rule 116 and WQCC Section 1203.

**NOTE: USE NMOCD RULE 116 AND WQCC Section 1203 for spill reporting**

- A. Describe proposed procedures addressing containment, cleanup and reporting in case of major and minor spills at the facility. Include information as to whether areas are curbed, paved and drained to sumps; final disposition of spill material; proposed schedule for OCD notification of spills; etc.
- B. Describe methods used to detect leaks and ensure integrity of above and below ground tanks, and piping. Discuss frequency of inspection and procedures to be undertaken if significant leaks are detected.
- C. If an injection well is used for on-site effluent disposal, describe the procedures to be followed to prevent unauthorized discharges to the surface or subsurface in the event the disposal well or disposal line is shut-in for work over or repairs (e.g. extra storage tanks, emergency pond, shipment offsite, etc.). Address actions to be taken in the event of disposal pipeline failure, extended disposal well downtime, etc.

B. Additional Information

Provide any additional information necessary to demonstrate that approval of the discharge plan will not result in concentrations in excess of the standards of WQCC Section 3103 or the presence of any toxic pollutant (Section 1101.TT.) at any place of withdrawal of water for present or reasonably foreseeable future use. Depending on the method and location of discharge, detailed technical information on site hydrologic and geologic conditions may be required to be submitted for discharge plan evaluation. This material is most likely to be required for unlined surface impoundments and pits, and leach fields. Check with OCD before providing this information. However, if required it could include but not be limited to:

1. Stratigraphic information including formation and member names, thickness, lithologies, lateral extent, etc.
2. Generalized maps and cross-sections;
3. Potentiometric maps for aquifers potentially affected;
4. Porosity, hydraulic conductivity, storativity and other hydrologic parameters of the aquifer;
5. Specific information on the water quality of the receiving aquifer; and
6. Information on expected alteration of contaminants due to sorption, precipitation or chemical reaction in the unsaturated zone, and expected reactions and/or dilution in the aquifer.

13. Other Compliance Information

Attach such other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. Examples include previous Division orders or letters authorizing operation of the facility or any surface impoundments at the location.

1. Also include a brief statement committing to NMOCD Rule 116 and WQCC Section 1203 spill/leak reporting.
2. A closure plan as described in WQCC Section 3107.A.11 "Monitoring, Reporting, and other Requirements." The "Closure Plan" shall include all of the information described in WQCC Section 3107.A.11 and can use OCD guidelines for accepted remediation techniques and unlined surface impoundment closure guidelines.

605717-00 MOBIL PEGASUS 89  
MATERIAL SAFETY DATA BULLETIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL PEGASUS 89

SUPPLIER: MOBIL OIL CORP.

NORTH AMERICA MARKETING AND REFINING

3225 GALLOWES RD.

FAIRFAX, VA 22037

24 - Hour Emergency (call collect): 609-737-4411

Product and MSDS Information: 800-662-4525 856-224-4644

CHEMTREC: 800-424-9300 202-483-7616

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

This product is not formulated to contain ingredients which have exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives. See Section 15 for a regulatory analysis of the ingredients.

See Section 15 for European Label Information.

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

EFFECTS OF OVEREXPOSURE: No significant effects expected.

EMERGENCY RESPONSE DATA: Amber Liquid. DOT ERG No. - NA

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

SKIN CONTACT: Wash contact areas with soap and water.

INHALATION: Not expected to be a problem.

INGESTION: Not expected to be a problem. However, if greater than 1/2 liter (pint) ingested, seek medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing.

Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from

fire control or dilution from entering streams, sewers, or drinking water supply.  
**SPECIAL PROTECTIVE EQUIPMENT:** For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None. Flash Point C(F): > 248(479) (ASTM D-92). Flammable limits - LEL: NA, UEL: NA.  
**NFPA HAZARD ID:** Health: 0, Flammability: 1, Reactivity: 0  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide. Metal oxides. Elemental oxides.

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## 6. ACCIDENTAL RELEASE MEASURES

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**NOTIFICATION PROCEDURES:** Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

**PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:** Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

**ENVIRONMENTAL PRECAUTIONS:** Prevent spills from entering storm sewers or drains and contact with soil.

**PERSONAL PRECAUTIONS:** See Section 8

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## 7. HANDLING AND STORAGE

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**HANDLING:** No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.

**STORAGE:** Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible material.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**VENTILATION:** No special requirements under ordinary conditions of use and with adequate ventilation.

**RESPIRATORY PROTECTION:** No special requirements under ordinary conditions of use and with adequate ventilation.

**EYE PROTECTION:** Normal industrial eye protection practices should be employed.

**SKIN PROTECTION:** No special equipment required. However, good personal hygiene practices should always be followed.

**EXPOSURE LIMITS:** This product does not contain any components which have recognized exposure limits. However, a exposure limit of 5.00 mg/m3 is suggested for oil mist.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Typical physical properties are given below. Consult Product Data Sheet for specific details.

**APPEARANCE:** Liquid

**COLOR:** Amber

ODOR: Marketable  
ODOR THRESHOLD-ppm: NE  
PH: NA  
BOILING POINT C(F): NE  
MELTING POINT C(F): NA  
FLASH POINT C(F): 245(473) (ASTM D-92)  
FLAMMABILITY: NE  
AUTO FLAMMABILITY: NE  
EXPLOSIVE PROPERTIES: NA  
OXIDIZING PROPERTIES: NA  
VAPOR PRESSURE-mmHg 20 C: < 0.1  
VAPOR DENSITY: > 2.0  
EVAPORATION RATE: NE  
RELATIVE DENSITY, 15/4 C: 0.89  
SOLUBILITY IN WATER: Negligible  
PARTITION COEFFICIENT: NE  
VISCOSITY AT 40 C, cSt: 130.0  
VISCOSITY AT 100 C, cSt: 13.5  
POUR POINT C(F): -12(10)  
FREEZING POINT C(F): NE  
VOLATILE ORGANIC COMPOUND: NE  
NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES  
FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

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### 10. STABILITY AND REACTIVITY

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STABILITY (THERMAL, LIGHT, ETC.): Stable.  
CONDITIONS TO AVOID: Extreme heat.  
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Possibly hydrocarbon fragments. Sulfur oxides and compounds.  
HAZARDOUS POLYMERIZATION: Will not occur.

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### 11. TOXICOLOGICAL DATA

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---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.  
DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.  
INHALATION TOXICITY (RATS): Not applicable ---Harmful concentrations of mists and/or vapors are unlikely to be encountered through any customary or reasonably foreseeable handling, use, or misuse of this product.  
EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---Based on testing of similar products and/or the components.  
SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

Severely solvent refined and severely hydrotreated mineral base oils have been tested at Mobil Environmental and Health Sciences Laboratory by dermal application to rats 5 days/week for 90 days at doses significantly higher than those expected during normal industrial exposure. Extensive evaluations including microscopic examination of internal organs and clinical chemistry of body fluids, showed no adverse effects.

---CHRONIC TOXICOLOGY (SUMMARY)---

The base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects.

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**12. ECOLOGICAL INFORMATION**  
-----

ENVIRONMENTAL FATE AND EFFECTS: Not established.

-----  
**13. DISPOSAL CONSIDERATIONS**  
-----

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

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**14. TRANSPORT INFORMATION**  
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USA DOT: NOT REGULATED BY USA DOT.  
RID/ADR: NOT REGULATED BY RID/ADR.  
IMO: NOT REGULATED BY IMO.  
IATA: NOT REGULATED BY IATA.

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**15. REGULATORY INFORMATION**  
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Governmental Inventory Status: All components comply with TSCA, EINECS/ELINCS, AICS, and DSL.

EU Labeling:

Symbol: \* EU labeling not required.

Risk Phrase(s): R.

NA

Safety Phrase(s): Not applicable.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

This product contains no chemicals reportable under

SARA (313) toxic release program.

The following product ingredients are cited on the lists below:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
XYLENES (0.03%)	1330-20-7	22
ZINC (ELEMENTAL ANALYSIS) (<0.04%)	7440-66-6	22

PHOSPHORODITHIOIC ACID, O,O-DI 68649-42-3 22  
C1-14-ALKYL ESTERS, ZINC SALTS (2:  
1) (2DDP) (0.33%)

--- REGULATORY LISTS SEARCHED ---

- |             |             |             |           |       |           |
|-------------|-------------|-------------|-----------|-------|-----------|
| 1=ACGIH ALL | 6=IARC 1    | 11-TSCA 4   | 16=CA P65 | CARC  | 21=LA RTK |
| 2=ACGIH A1  | 7=IARC 2A   | 12=TSCA 5a2 | 17=CA P65 | REPRO | 22=MI 293 |
| 3=ACGIH A2  | 8=IARC 2B   | 13=TSCA 5e  | 18=CA RTK |       | 23=MN RTK |
| 4=NTP CARC  | 9=OSHA CARC | 14=TSCA 6   | 19=FL RTK |       | 24=NJ RTK |
| 5=NTP SUS   | 10=OSHA Z   | 15=TSCA 12b | 20=IL RTK |       | 25=PA RTK |
|             |             |             |           |       | 26=RI RTK |

Code key: CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive

16. OTHER INFORMATION

USE: ENGINE LUBRICANT

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

Please call the Customer Response Center on 800-662-4525 for formulation disclosure.

\*\*\*\*\*  
For Internal Use Only: MHC: 0\* 0\* NA 1\* 1\*, MPPEC: A, TRN: 602466-00,  
GLIS: 400795, CMCS97: 97D936, REQ: US - MARKETING, SAFE USE: L  
EHS Approval Date: 21AUG2000  
\*\*\*\*\*

\*\*\*\*\*  
Legally required information is given in accordance with applicable  
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602466-00 MOBIL PEGASUS 805  
MATERIAL SAFETY DATA BULLETIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL PEGASUS 805  
SUPPLIER: MOBIL OIL CORP.  
NORTH AMERICA MARKETING AND REFINING  
3225 GALLOWES RD.  
FAIRFAX, VA 22037  
24 - Hour Emergency (call collect): 609-737-4411  
Product and MSDS Information: 800-662-4525 856-224-4644  
CHEMTREC: 800-424-9300 202-483-7616

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES  
INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:  
This product is not formulated to contain ingredients which have exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives. See Section 15 for a regulatory analysis of the ingredients.  
See Section 15 for European Label Information.  
See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.  
EFFECTS OF OVEREXPOSURE: No significant effects expected.  
EMERGENCY RESPONSE DATA: Light Amber Liquid. DOT ERG No. - NA

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.  
SKIN CONTACT: Wash contact areas with soap and water.  
INHALATION: Not expected to be a problem.  
INGESTION: Not expected to be a problem when ingested. If uncomfortable seek medical assistance.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.  
SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from

fire control or dilution from entering streams, sewers, or drinking water supply.

**SPECIAL PROTECTIVE EQUIPMENT:** For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None. Flash Point C(F): 245(473) (ASTM D-92). Flammable limits - LEL: NE, UEL: NE.

**NFPA HAZARD ID:** Health: 0, Flammability: 1, Reactivity: 0

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide. Possibly hydrocarbon fragments. Sulfur oxides and compounds.

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## 6. ACCIDENTAL RELEASE MEASURES

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**NOTIFICATION PROCEDURES:** Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

**PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:** Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

**ENVIRONMENTAL PRECAUTIONS:** Prevent spills from entering storm sewers or drains and contact with soil.

**PERSONAL PRECAUTIONS:** See Section 8

---

## 7. HANDLING AND STORAGE

---

**HANDLING:** No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.

**STORAGE:** Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible material.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**VENTILATION:** No special requirements under ordinary conditions of use and with adequate ventilation.

**RESPIRATORY PROTECTION:** No special requirements under ordinary conditions of use and with adequate ventilation.

**EYE PROTECTION:** Normal industrial eye protection practices should be employed.

**SKIN PROTECTION:** No special equipment required. However, good personal hygiene practices should always be followed.

**EXPOSURE LIMITS:** This product does not contain any components which have recognized exposure limits. However, a exposure limit of 5.00 mg/m3 is suggested for oil mist.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Typical physical properties are given below. Consult Product Data Sheet for specific details.

**APPEARANCE:** Liquid

**COLOR:** Light Amber

ODOR: Mild  
ODOR THRESHOLD-ppm: NE  
pH: 8.8  
BOILING POINT C(F): 398(730)  
MELTING POINT C(F): NA  
FLASH POINT C(F): > 248(479) (ASTM D-92)  
FLAMMABILITY: NE  
AUTO FLAMMABILITY: NE  
EXPLOSIVE PROPERTIES: NA  
OXIDIZING PROPERTIES: NA  
VAPOR PRESSURE-mmHg 20 C: < 0.1  
VAPOR DENSITY: > 2.0  
EVAPORATION RATE: NE  
RELATIVE DENSITY, 15/4 C: 0.89  
SOLUBILITY IN WATER: Negligible  
PARTITION COEFFICIENT: > 3.5  
VISCOSITY AT 40 C, cSt: 121.5  
VISCOSITY AT 100 C, cSt: 13.0  
POUR POINT C(F): -15(5)  
FREEZING POINT C(F): NE  
VOLATILE ORGANIC COMPOUND: NA  
NA-NOT APPLICABLE NE-NOT ESTABLISHED D=DECOMPOSES  
FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

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#### 10. STABILITY AND REACTIVITY

---

STABILITY (THERMAL, LIGHT, ETC.): Stable.  
CONDITIONS TO AVOID: Extreme heat.  
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Metal oxides.  
Elemental oxides.  
HAZARDOUS POLYMERIZATION: Will not occur.

---

#### 11. TOXICOLOGICAL DATA

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##### ---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.  
DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.  
INHALATION TOXICITY (RATS): Practically non-toxic (LC50: greater than 5 mg/l). ---Based on testing of similar products and/or the components.  
EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---Based on testing of similar products and/or the components.  
SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.  
OTHER ACUTE TOXICITY DATA: The acute toxicological results summarized above are based on testing of representative Mobil products. Representative Mobil formulations have shown no acute effects, administered via the inhalation route, when tested at maximum attainable oil mist or vapor concentrations.

##### ---SUBCHRONIC TOXICOLOGY (SUMMARY)---

Representative Mobil formulations have been tested at the Mobil Environmental and Health Sciences Laboratory by dermal applications to rats 5 days/week for 90 days at doses

significantly higher than those expected during normal industrial exposure. Extensive evaluations, including microscopic examination of internal organs and clinical chemistry of body fluids, showed no adverse effects.

---REPRODUCTIVE TOXICOLOGY (SUMMARY)---

Dermal exposure of pregnant rats to representative formulations did not cause adverse effects in either the mothers or their offspring.

---CHRONIC TOXICOLOGY (SUMMARY)---

The base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using various screening methods such as the Mobil Modified Ames Test and IP-346.

---SENSITIZATION (SUMMARY)---

Representative Mobil formulations have not caused skin sensitization in guinea pigs.

---OTHER TOXICOLOGY DATA---

Used gasoline engine oils have shown evidence of skin carcinogenic activity in laboratory tests when no effort was made to wash the oil off between applications. Used oil from diesel engines did not produce this effect.

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**12. ECOLOGICAL INFORMATION**  
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**ENVIRONMENTAL FATE AND EFFECTS:** This product is expected to be inherently biodegradable. There is no evidence to suggest bioaccumulation will occur. It is not expected to be toxic to aquatic organisms.

Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

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**13. DISPOSAL CONSIDERATIONS**  
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**WASTE DISPOSAL:** Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

**RCRA INFORMATION:** The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

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**14. TRANSPORT INFORMATION**  
-----

USA DOT: NOT REGULATED BY USA DOT.  
RID/ADR: NOT REGULATED BY RID/ADR.



011 06/16/00 AMBITROL\* FL 50 COOLANT

PRODUCT NAME:  
AMBITROL\* FL 50 COOLANT

MSDS #: DW07666

2. COMPOSITION/INFORMATION ON INGREDIENTS

ETHYLENE GLYCOL	CAS# 000107-21-1	50-53%
DIPOTASSIUM PHOSPHATE	CAS# 007758-11-4	<3%
WATER	CAS# 007732-18-5	<50%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

\*\*\*\*\*  
 \* COLORED LIQUID. GLYCOL ODOR. NO SIGNIFICANT IMMEDIATE HAZARDS FOR \*  
 \* EMERGENCY RESPONSE ARE KNOWN. \*  
 \* \*  
 \*\*\*\*\*

POTENTIAL HEALTH EFFECTS (SEE SECTION 11 FOR TOXICOLOGICAL DATA.)

EYE: MAY CAUSE SLIGHT TRANSIENT (TEMPORARY) EYE IRRITATION.  
CORNEAL INJURY IS UNLIKELY. VAPORS OR MISTS MAY CAUSE EYE IRRITATION.

SKIN: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SLIGHT SKIN IRRITATION. MAY CAUSE MORE SEVERE RESPONSE IF SKIN IS ABRADED (SCRATCHED OR CUT). A SINGLE PROLONGED EXPOSURE IS NOT LIKELY TO RESULT IN THE MATERIAL BEING ABSORBED THROUGH SKIN IN HARMFUL AMOUNTS. REPEATED SKIN EXPOSURE TO LARGE QUANTITIES MAY RESULT IN ABSORPTION OF HARMFUL AMOUNTS.

INGESTION: SINGLE DOSE ORAL TOXICITY IS BELIEVED TO BE MODERATE. EXCESSIVE EXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, CARDIOPULMONARY EFFECTS (METABOLIC ACIDOSIS) AND KIDNEY FAILURE. SMALL AMOUNTS SWALLOWED INCIDENTAL TO NORMAL HANDLING OPERATIONS ARE NOT LIKELY TO CAUSE INJURY; HOWEVER, SWALLOWING AMOUNTS LARGER THAN THAT MAY CAUSE SERIOUS INJURY, EVEN DEATH. SINGLE DOSE ORAL TOXICITY IS EXPECTED TO BE MODERATE TO HUMANS EVEN THOUGH TESTS WITH ANIMALS SHOW A LOWER DEGREE OF TOXICITY. THE LETHAL DOSE IN HUMANS IS ESTIMATED TO BE 100 ML (3 OUNCES) FOR ETHYLENE GLYCOL.

INHALATION: AT ROOM TEMPERATURE, VAPORS ARE MINIMAL DUE TO LOW VAPOR PRESSURE. IF MATERIAL IS HEATED OR MIST IS PRODUCED, CONCENTRATIONS MAY BE ATTAINED THAT ARE SUFFICIENT TO CAUSE IRRITATION AND OTHER EFFECTS.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: EXCESSIVE EXPOSURE MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT (NOSE AND THROAT). OBSERVATIONS IN ANIMALS INCLUDE KIDNEY AND LIVER EFFECTS AND DEPOSITION OF CALCIUM SALTS IN VARIOUS TISSUES AFTER LONG-TERM DIETARY INTAKE OF ETHYLENE GLYCOL.

CANCER INFORMATION: ETHYLENE GLYCOL DID NOT CAUSE CANCER IN LONG-TERM ANIMAL STUDIES.

TERATOLOGY (BIRTH DEFECTS): BASED ON ANIMAL STUDIES, INGESTION OF VERY LARGE AMOUNTS OF ETHYLENE GLYCOL APPEARS TO BE THE MAJOR AND POSSIBLY ONLY ROUTE OF EXPOSURE TO PRODUCE BIRTH DEFECTS. EXPOSURES BY INHALATION (TESTED NOSE-ONLY IN ANIMALS TO PREVENT INGESTION) OR SKIN CONTACT, THE PRIMARY ROUTES OF OCCUPATIONAL EXPOSURE, HAD MINIMAL OR ESSENTIALLY

NO EFFECT ON THE FETUS.

REPRODUCTIVE EFFECTS: INGESTION OF LARGE AMOUNTS OF ETHYLENE GLYCOL HAS BEEN SHOWN TO INTERFERE WITH REPRODUCTION IN ANIMALS. SPECIFICALLY, GROWTH RETARDATION AND DECREASED LITTER SIZE IN RATS AND MICE AND DECREASED MATING FREQUENCY IN MICE WERE OBSERVED.

EYES: FLUSH EYES WITH PLENTY OF WATER.

SKIN: WASH OFF IN FLOWING WATER OR SHOWER.

INGESTION: IF SWALLOWED, INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT MEDICAL PERSONNEL. SEEK MEDICAL ATTENTION IMMEDIATELY.

INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT A PHYSICIAN.

NOTE TO PHYSICIAN: EARLY ADMINISTRATION OF ETHANOL MAY COUNTER THE TOXIC EFFECTS OF ETHYLENE GLYCOL -- METABOLIC ACIDOSIS AND RENAL DAMAGE. HEMODIALYSIS OR PERITONEAL DIALYSIS HAVE BEEN OF BENEFIT. NEW ENG. J. MED. 304:21 1981. 4-METHYL PYRAZOLE IS AN EFFECTIVE BLOCKER OF ALCOHOL DEHYDROGENASE AND IS AVAILABLE NOW AS FOMEPIZOLE (ANTIZOL) (R) AND SHOULD BE USED IN THE TREATMENT OF ETHYLENE GLYCOL, DIETHYLENE GLYCOL AND METHANOL INTOXICATION IF AVAILABLE. SUPPORTIVE CARE. TREATMENT BASED ON NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT.

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

FLASH POINT: NONE TO 220F (104C)

METHOD USED: TCC

AUTOIGNITION TEMPERATURE: 748F, 398C (IN AIR)

### FLAMMABILITY LIMITS

LFL: 3.2 VOL. PERCENT IN AIR (ETHYLENE GLYCOL)

UFL: NOT DETERMINED

HAZARDOUS COMBUSTION PRODUCTS: COMBUSTION MAY PRODUCE CARBON, CARBON MONOXIDE, CARBON DIOXIDE AND WATER. UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

OTHER FLAMMABILITY INFORMATION: DENSE SMOKE EMITTED WHEN BURNED WITHOUT SUFFICIENT OXYGEN.

EXTINGUISHING MEDIA: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM. FOR LARGE-SCALE FIRES, ALCOHOL RESISTANT FOAMS ARE PREFERRED IF AVAILABLE. GENERAL PURPOSE SYNTHETIC FOAMS OR PROTEIN FOAMS MAY FUNCTION, BUT MUCH LESS EFFECTIVELY. WATER MAY BE USED TO FLUSH SPILLS AWAY FROM FIRE EXPOSURES AND TO DILUTE SPILLS TO NON-FLAMMABLE MIXTURES. IF POSSIBLE, CONTAIN FIRE RUN-OFF WATER. FOR LARGE SCALE FIRES, DIRECT WATER STREAM MAY CAUSE VIOLENT FROTHING, BUT FINE WATER SPRAY MAY HELP CONTROL SITUATION.

FIRE FIGHTING INSTRUCTIONS: KEEP UNNECESSARY PEOPLE AWAY; ISOLATE HAZARD AREA AND DENY UNNECESSARY ENTRY. WHEN USING WATER SPRAY, BOIL OVER MAY OCCUR WHEN THE PRODUCT TEMPERATURE REACHES THE BOILING POINT OF WATER (TANK TYPE SCENARIOS, NOT

SPILLS).

THIS MATERIAL WILL NOT BURN UNTIL THE WATER CONTENT IS REDUCED BELOW 25% W/W. AT THIS POINT, THE MATERIAL WILL EXHIBIT THE FLAMMABILITY CHARACTERISTICS OF ETHYLENE GLYCOL (I.E. FLASH POINT = 232F (111C), LFL = 3.2 VOL %).

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

6. ACCIDENTAL RELEASE MEASURES (SEE SECTION 15 FOR REGULATORY INFORMATION)

PROTECT PEOPLE: ISOLATE AND CONFINE SPILL AREA. SPILLS MAY BE A SLIPPING HAZARD. IF TEMPERATURE IS ABOVE FLASH POINT, COVER WITH VAPOR SUPPRESSION FOAM UNTIL IT CAN BE CLEANED UP.

PROTECT THE ENVIRONMENT: KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS AND SOIL. MATERIAL IS MORE DENSE THAN WATER AND HAS INFINITE WATER SOLUBILITY.

CLEANUP: SMALL SPILLS: SOAK UP WITH ABSORBENT MATERIAL AND SCOOP INTO CONTAINERS. LARGE SPILLS: PREVENT CONTAMINATION OF WATERWAYS. DIKE AND PUMP INTO SUITABLE CONTAINERS. CLEAN UP RESIDUAL WITH ABSORBENT MATERIAL AND WASH WITH WATER.

7. HANDLING AND STORAGE

HANDLING: AVOID BODY CONTACT. PROVIDE ADEQUATE VENTILATION. ABOVE FLASH POINT VAPOR-AIR MIXTURES WILL BURN WITHIN FLAMMABLE LIMITS.

SPILLS OF THESE ORGANIC LIQUIDS ON HOT FIBROUS INSULATIONS MAY LEAD TO LOWERING OF THE AUTOIGNITION TEMPERATURE POSSIBLY RESULTING IN SPONTANEOUS COMBUSTION.

STORAGE: STORE IN SEALED CONTAINERS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINES. LOCAL EXHAUST VENTILATION MAY BE NECESSARY FOR SOME OPERATIONS.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: USE SAFETY GLASSES. IF VAPOR EXPOSURE CAUSES EYE DISCOMFORT, USE A FULL-FACE RESPIRATOR.

SKIN PROTECTION: WHEN PROLONGED OR FREQUENTLY REPEATED CONTACT COULD OCCUR, USE PROTECTIVE CLOTHING IMPERVIOUS TO THIS MATERIAL. SELECTION OF SPECIFIC ITEMS SUCH AS FACESHIELD, GLOVES, BOOTS, APRON, OR FULL-BODY SUIT WILL DEPEND ON OPERATION. IF HANDS ARE CUT OR SCRATCHED, USE GLOVES IMPERVIOUS TO THIS MATERIAL EVEN FOR BRIEF EXPOSURES.

RESPIRATORY PROTECTION: ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW THE EXPOSURE GUIDELINE. FOR MOST CONDITIONS, NO RESPIRATORY PROTECTION SHOULD BE NEEDED; HOWEVER, IF MATERIAL IS HEATED OR SPRAYED, USE AN APPROVED AIR-PURIFYING RESPIRATOR.

**EXPOSURE GUIDELINES(S):**

ETHYLENE GLYCOL CGIH TLV IS 100 MG/M3, AEROSOL CEILING,  
A4. OSHA PEL IS 50 PPM CEILING.

PELS ARE IN ACCORD WITH THOSE RECOMMENDED BY OSHA, AS IN THE  
1989 REVISION OF PELs.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE/PHYSICAL STATE: COLORED LIQUID  
ODOR: GLYCOL LIKE.  
VAP. PRESS: 16 MMHG @ 20C, 68F  
VAP. DENSITY: >1.0  
BOILING POINT: 226F, 108C  
SOL. IN WATER: INFINITE  
SP. GRAVITY: 1.08 @ 60/60F, 16C

**10. STABILITY AND REACTIVITY**

CHEMICAL STABILITY: EXCELLENT THERMAL STABILITY CHARACTERISTICS  
AT TYPICAL USE TEMPERATURES.

CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY WITH OTHER MATERIALS: OXIDIZING MATERIALS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

**11. TOXICOLOGICAL INFORMATION (SEE SECTION 3 FOR POTENTIAL HEALTH**

EFFECTS. FOR DETAILED TOXICOLOGICAL DATA, WRITE OR CALL THE  
ADDRESS OR NON-EMERGENCY NUMBER SHOWN IN SECTION 1)

INGESTION: THE ORAL LD50 FOR RATS IS >8200 MG/KG FOR A SIMILIAR  
MATERIAL.

SKIN: THE LD50 FOR SKIN ABSORPTION IN RABBITS IS >2000 MG/KG  
FOR A SIMILIAR MATERIAL.

MUTAGENICITY (EFFECTS ON GENETIC MATERIAL): IN VITRO  
MUTAGENICITY STUDIES WERE NEGATIVE FOR ETHYLENE GLYCOL.  
ANIMAL MUTAGENICITY STUDIES WERE NEGATIVE FOR ETHYLENE GLYCOL.

**12. ECOLOGICAL INFORMATION (FOR DETAILED ECOLOGICAL DATA, WRITE OR CALL**

THE ADDRESS OR NON-EMERGENCY NUMBER SHOWN IN SECTION 1)

**ENVIRONMENTAL DATA:**

MOVEMENT & PARTITIONING: BASED LARGELY OR COMPLETELY ON DATA  
FOR MAJOR COMPONENT. BIOCONCENTRATION POTENTIAL IS LOW  
(BCF LESS THAN 100 OR LOG KOW LESS THAN 3). NO RELEVANT  
INFORMATION FOUND FOR REMAINING COMPONENTS.

DEGRADATION & TRANSFORMATION: BASED LARGELY OR COMPLETELY ON  
DATA FOR MAJOR COMPONENT. BIODEGRADATION UNDER AEROBIC  
STATIC LABORATORY CONDITIONS IS HIGH (BOD20 OR BOD28/THOD  
GREATER THAN 40%). NO RELEVANT INFORMATION FOUND FOR  
REMAINING COMPONENTS.

ECOTOXICOLOGY: BASED LARGELY OR COMPLETELY ON DATA FOR MAJOR  
COMPONENT. MATERIAL IS PRACTICALLY NON-TOXIC TO AQUATIC  
ORGANISMS ON AN ACUTE BASIS (LC50 GREATER THAN 100 MG/L IN  
MOST SENSITIVE SPECIES). NO RELEVANT INFORMATION FOUND FOR  
REMAINING COMPONENTS.

13. DISPOSAL CONSIDERATION (SEE SECTION 15 FOR REGULATORY INFORMATION)

DISPOSAL: ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL, AND LOCAL LAWS AND REGULATIONS. STATE/PROVINCIAL AND LOCAL REQUIREMENTS FOR WASTE DISPOSAL MAY BE MORE RESTRICTIVE OR OTHERWISE DIFFERENT FROM FEDERAL LAWS AND REGULATIONS. REGULATIONS MAY ALSO VARY IN DIFFERENT LOCATIONS. CHEMICAL ADDITIONS, PROCESSING, STORAGE, OR OTHERWISE ALTERING THIS MATERIAL MAY MAKE THE WASTE MANAGEMENT INFORMATION PRESENTED IN THIS MSDS INCOMPLETE, INACCURATE OR OTHERWISE INAPPROPRIATE. WASTE CHARACTERIZATION AND DISPOSAL COMPLIANCE ARE THE RESPONSIBILITY SOLELY OF THE PARTY GENERATING THE WASTE OR DECIDING TO DISCARD OR DISPOSE OF THE MATERIAL. NONE OF THESE WASTE MANAGEMENT OPTIONS SHOULD BE CONSIDERED "ARRANGING FOR DISPOSAL".

AS A SERVICE TO ITS CUSTOMERS, DOW CAN PROVIDE NAMES OF INFORMATION RESOURCES TO HELP IDENTIFY WASTE MANAGEMENT COMPANIES AND OTHER FACILITIES WHICH RECYCLE, REPROCESS OR MANAGE CHEMICALS OR PLASTICS, AND THAT MANAGE USED DRUMS. TELEPHONE DOW'S CUSTOMER INFORMATION CENTER AT 800-258-2436 OR 517-832-1556 FOR FURTHER DETAILS.

14. TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (D.O.T.):

FOR DOT REGULATORY INFORMATION, IF REQUIRED, CONSULT TRANSPORTATION REGULATIONS, PRODUCT SHIPPING PAPERS OR CONTACT YOUR DOW REPRESENTATIVE.

CANADIAN TDG INFORMATION:

FOR TDG REGULATORY INFORMATION, IF REQUIRED, CONSULT TRANSPORTATION REGULATIONS, PRODUCT SHIPPING PAPERS, OR YOUR DOW REPRESENTATIVE.

15. REGULATORY INFORMATION (NOT MEANT TO BE ALL-INCLUSIVE--SELECTED REGULATIONS REPRESENTED)

NOTICE: THE INFORMATION HEREIN IS PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE AS OF THE EFFECTIVE DATE SHOWN ABOVE. HOWEVER, NO WARRANTY, EXPRESS OR IMPLIED IS GIVEN. REGULATORY REQUIREMENTS ARE SUBJECT TO CHANGE AND MAY DIFFER FROM ONE LOCATION TO ANOTHER; IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT ITS ACTIVITIES COMPLY WITH FEDERAL, STATE OR PROVINCIAL, AND LOCAL LAWS. THE FOLLOWING SPECIFIC INFORMATION IS MADE FOR THE PURPOSE OF COMPLYING WITH NUMEROUS FEDERAL, STATE OR PROVINCIAL, AND LOCAL LAWS AND REGULATIONS. SEE OTHER SECTIONS FOR HEALTH AND SAFETY INFORMATION.

SARA 313 INFORMATION: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
ETHYLENE GLYCOL	000107-21-1	50 - 53 %

SARA HAZARD CATEGORY: THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES" PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES:

AN IMMEDIATE HEALTH HAZARD  
A DELAYED HEALTH HAZARD

-----  
TOXIC SUBSTANCES CONTROL ACT (TSCA):

ALL INGREDIENTS ARE ON THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE LISTED ON THE TSCA INVENTORY.

-----  
THE CAS NUMBER(S) FOR TSCA IS(ARE):

- CAS # 000107-21-1
- CAS # 007758-11-4
- CAS # 007732-18-5

-----  
STATE RIGHT-TO-KNOW: THE FOLLOWING PRODUCT COMPONENTS ARE CITED ON CERTAIN STATE LISTS AS MENTIONED. NON-LISTED COMPONENTS MAY BE SHOWN IN THE COMPOSITION SECTION OF THE MSDS.

CHEMICAL NAME	CAS NUMBER	LIST
ETHYLENE GLYCOL	000107-21-1	NJ3 PA1 PA3

NJ3=NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE (PRESENT AT GREATER THAN OR EQUAL TO 1.0%).  
 PA1=PENNSYLVANIA HAZARDOUS SUBSTANCE (PRESENT AT GREATER THAN OR EQUAL TO 1.0%).  
 PA3=PENNSYLVANIA ENVIRONMENTAL HAZARDOUS SUBSTANCE (PRESENT AT GREATER THAN OR EQUAL TO 1.0%).

-----  
OSHA HAZARD COMMUNICATION STANDARD:

THIS PRODUCT IS A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

-----  
COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA, OR SUPERFUND):

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCE(S) LISTED AS "HAZARDOUS SUBSTANCES" UNDER CERCLA WHICH MAY REQUIRE REPORTING OF RELEASES:

CATEGORY:

CHEMICAL NAME	CAS#	RQ	% IN PRODUCT
ETHYLENE GLYCOL	000107-21-1	5000	50-53%

-----  
CANADIAN REGULATIONS  
=====

WHMIS INFORMATION: THE CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) CLASSIFICATION FOR THIS PRODUCT IS:

D2A - MATERIAL IS TERATOGENIC, EMBRYOTOXIC, OR FETOTOXIC  
REFER ELSEWHERE IN THE MSDS FOR SPECIFIC WARNINGS AND SAFE HANDLING INFORMATION. REFER TO THE EMPLOYER'S

WORKPLACE EDUCATION PROGRAM.

CPR STATEMENT: THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

HAZARDOUS PRODUCTS ACT INFORMATION: THIS PRODUCT CONTAINS THE FOLLOWING INGREDIENTS WHICH ARE CONTROLLED PRODUCTS AND/OR ON THE INGREDIENT DISCLOSURE LIST (CANADIAN HPA SECTION 13 AND 14):

COMPONENTS:	CAS #	AMOUNT (%W/W)
ETHYLENE GLYCOL	CAS# 000107-21-1	50-53%

16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

MSDS STATUS: REVISED SECTION 4 (NOTE TO PHYSICIAN).

----- FOR ADDITIONAL INFORMATION -----  
 CONTACT: MSDS COORDINATOR VAN WATERS & ROGERS INC.  
 DURING BUSINESS HOURS, PACIFIC TIME (425)889-3400  
 ----- NOTICE -----

\*\* VAN WATERS & ROGERS INC. ("VW&R"), A ROYAL VOPAK COMPANY, EXPRESSLY DISCLAIMS

ALL EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A

PARTICULAR PURPOSE, WITH RESPECT TO THE PRODUCT OR INFORMATION PROVIDED HEREIN,

AND SHALL UNDER NO CIRCUMSTANCES BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. \*\*

DO NOT USE INGREDIENT INFORMATION AND/OR INGREDIENT PERCENTAGES IN THIS MSDS AS A PRODUCT SPECIFICATION. FOR PRODUCT SPECIFICATION INFORMATION REFER TO A PRODUCT SPECIFICATION SHEET AND/OR A CERTIFICATE OF ANALYSIS. THESE CAN BE OBTAINED FROM YOUR LOCAL VW&R SALES OFFICE.

ALL INFORMATION APPEARING HEREIN IS BASED UPON DATA OBTAINED FROM THE MANUFACTURER AND/OR RECOGNIZED TECHNICAL SOURCES. WHILE THE INFORMATION IS BELIEVED TO BE ACCURATE, VW&R MAKES NO REPRESENTATIONS AS TO ITS ACCURACY OR SUFFICIENCY. CONDITIONS OF USE ARE BEYOND VW&R'S CONTROL AND THEREFORE USERS ARE RESPONSIBLE TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PARTICULAR PURPOSES AND THEY ASSUME ALL RISKS OF THEIR USE, HANDLING, AND DISPOSAL OF THE PRODUCT, OR FROM THE PUBLICATION OR USE OF, OR RELIANCE UPON, INFORMATION CONTAINED HEREIN. THIS INFORMATION RELATES ONLY TO THE PRODUCT DESIGNATED HEREIN, AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY OTHER PROCESS.

\* \* \* E N D O F M S D S \* \* \*



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

February 12, 2001

**Lori Wrotenbery**  
Director  
Oil Conservation Division

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 5051 0197**

Ms. Jean Arya  
PNMGS  
Alvarado Square, M.S. 0408  
Albuquerque, New Mexico 87158

**RE: Discharge Plan Renewal Notice for the PNMGS Facilities**

Dear Ms. Arya:

PNMGS has the following discharge plans, which expire during the current calendar year.

- ✓ **GW-065 expires 6/25/2001 – Rio Puerco Compressor Station**
- GW-066 expires 6/25/2001 – Santa Fe Junction Compressor Station**
- GW-254 expires 9/5/2001 – Animas Compressor Station**
- GW-263 expires 9/18/2001 – Star Lake Compressor Station**

**WQCC 3106.F.** If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 20NMAC 6.2.3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$100.00. After January 15, 2001 renewal discharge plans require a flat fee equal to the flat fee schedule for gas processing facilities pursuant to revised WQCC Regulations 20NMAC 6.2.3114. A copy of the revised fee schedule is included for your assistance. The \$100.00 filing fee is to be submitted with each discharge plan renewal application and is nonrefundable.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** A complete copy of the regulations is also available on NMED's website at [www.nmenv.state.nm.us](http://www.nmenv.state.nm.us).

If any of the above-sited facilities no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If PNMGS has any questions, please do not hesitate to contact Mr. Jack Ford at (505) 476-3489.

Sincerely,



Roger C. Anderson  
Oil Conservation Division

RCA/wjf

cc: OCD Aztec District Office

U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

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*J. Arya*

Street, Apt. No.; or PO Box No.  
*DNM*

City, State, ZIP+ 4  
*(065) GW Renard*

PS Form 3800, July 1999 See Reverse for Instructions

**Ford, Jack**

**From:** Ford, Jack  
**Sent:** Friday, June 04, 1999 10:53 AM  
**To:** 'JArya@mail.pnm.com'  
**Subject:** Approval

Jean,

I sent a reply to your discharge request for Santa Fe Junction. If you have any questions let me know. Hope this does the job for the moment.

Also have question on Rio Puerco site (GW-065) that was scheduled to do hydrostatic testing of waste water lines in April. Was this completed and what were the results? This should be reported by "snail mail" when completed or when you get a chance to put the report together (hopefully within 30 days from completion of testing).

Have a good weekend and don't get blown away!! ☺

Jack

**Ford, Jack**

**From:** Arya, Jean [SMTP:JArya@mail.pnm.com]  
**Sent:** Monday, April 12, 1999 11:41 AM  
**To:** Ford, Jack  
**Cc:** Vice, Mark  
**Subject:** Hydrostatic test

Jack,

Confirming our phone conversation:

PNM plans to conduct a hydrostatic test of the newly replaced waste water line at Rio Puerco Compressor Station. This facility is covered under discharge Plan GW-65. The recent history of the waste water line is described in my letter to you of January 29, 1999. We stated we would correct the problem within 90 days.

The test is planned for Monday, April 26, at 11:00 AM. If you, or a representative, plan to attend please contact Mark Vice, of PNM Gas Services, at 241-6271. He will be able to give you directions to the site.

We will mail the results to you shortly after the test. Please contact me if you have any questions (other than directions. I'll leave that to the experts!)

Jean  
241-4954

Public Service Company  
of New Mexico  
Alvarado Square MS 0408  
Albuquerque, NM 87158



January 28, 1999

Mr. Jack Ford  
New Mexico Energy, Minerals, and Natural Resources Dept.  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, NM 87505

Re: Hydrostatic Test of Underground Waste Water Lines at Rio Puerco  
Compressor Station, Discharge Plan GW-65

Dear Mr. Ford:

On December 17, 1998 Public Service Company of New Mexico Gas Services (PNMGS) conducted a hydrostatic test at Rio Puerco Compressor station. The underground line tested carries waste water from both compressor pads to the waste water tank. The lower end of the gravity fed pipe was capped, and forty gallons of City of Albuquerque water added. After three hours the cap was removed, and the remaining water measured. Three gallons was recovered.

The test was repeated from December 29 thru January 1. The result was similar. On January 4 a flow-through test was performed. Three gallons of City of Albuquerque water was fed into the top of the line. All of this water was captured at the inlet to the waste water tank. This illustrates that the pipe has been effective under normal conditions. The operators assure me that rain water and wash water entering the line from the compressor pads does indeed flow to the waste water tank, as the system was designed.

PNMGS plans corrective action, as the pipe failed the test required by our discharge plan GW-65. Within ninety days the pipe will be dug up, and repaired or replaced. Any soils that show evidence of contamination will be removed, and disposed of in accordance with Federal, State, and local regulations. When the line has been repaired or replaced, PNMGS will repeat the hydrostatic test. We will provide adequate notice to you, so that you may observe this test if you choose.

If you have any questions please call me at (505) 241-4954, or e-mail me at [jarya@mail.pnm.com](mailto:jarya@mail.pnm.com)

Sincerely,

A handwritten signature in cursive script that reads "Jean Arya".

Jean Arya

Environmental Scientist

cc: Mark Vice, PNMGS

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 2/23/98,

or cash received on \_\_\_\_\_ in the amount of \$ 345.00

from PNM

for Rio Puerco CS GW-065

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted to ASD by: R. C. [Signature] Date: 3/12/98

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal

Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment  or Annual Increment \_\_\_\_\_



Electric and Gas Services  
General Fund Account

CHECK NO.	DATE	AMOUNT
[redacted]	02/23/98	\$*****345.00

PAY  
THE  
ORDER  
OF

OIL CONSERVATION DIVISION  
2040 SOUTH PACHECO STREET  
SANTA FE, NM 87505

[Signature]  
Authorized Signature



**PNM***Electric and Gas Services*

If you have any questions about this payment please contact:

Public Service Company of New Mexico

Accounts Payable, MS 0720

Alvarado Square

Albuquerque, New Mexico 87158

(505) 848-2120

CO.	BANK #	CK DATE	VENDOR NO.			CK NO.		
EL	800	02/23/98	OIL120052501					
INVOICE #	DATE	GROSS AMT	DISC.	DED	NET AMT	SOURCE REF	REMARKS	A
GW065	02/19/98	345.00	0.00	0.00	345.00	980211698	DICHARGE PLAN	

*Kra Puerco**GW-065*  
*[Signature]***TOTAL****\$345.00**



Electric and Gas Services

If you have any questions about this payment please contact:

Public Service Company of New Mexico  
Accounts Payable, MS 0720  
Alvarado Square  
Albuquerque, New Mexico 87158  
(505) 848-2120

CO.	BANK #	CK DATE	VENDOR NO.		CK NO.		
EL	800	02/23/98	OIL120052501		[REDACTED]		
INVOICE #	DATE	GROSS AMT	DISC.	DED	NET AMT	SOURCE REF	REMARKS
GW065	02/19/98	345.00	0.00	0.00	345.00	980211698	DICHARGE PLAI

RECEIVED

FEB 24 1998

Environmental Bureau  
Oil Conservation Division

TOTAL \$345.00



Electric and Gas Services  
General Fund Account



CHECK NO.	DATE	AMOUNT
[REDACTED]	02/23/98	\$*****345.00

PAY  
TO THE  
ORDER  
OF

OIL CONSERVATION DIVISION  
2040 SOUTH PACHECO STREET  
SANTA FE, NM 87505

*Benjamin F. Montoya*  
Authorized Signature





NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

February 11, 1998

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-357-869-928**

Ms. Toni K. Ristau  
Director, Environmental Services  
PNMGS  
Alvarado Square, M.S. 0408  
Albuquerque, NM 87158

**RE: Discharge Plan Fees**  
✓ **GW-065 Rio Puerco Compressor Station**  
**Valencia County, NM**  
**GW-066 Santa Fe Junction Compressor Station**  
**Sandoval County, NM**

Dear Ms. Ristau:

Based upon our telephone discussion of February 10, 1998, enclosed you will find copies of the approved discharge plans and correspondence pertaining to the above referenced compressor station facilities. Discharge flat fees are required for each of these sites based on §3114 of the WQCC Regulations.

✓ The renewal Discharge Plan GW-065 flat fee amount due is \$345.00 which is one-half of the original WQCC fee schedule flat fee amount of \$690.00 for compressor stations with ratings ranging from 1001 to 3000 horsepower.

The renewal Discharge Plan GW-066 flat fee amount due is \$690.00 which is one-half of the original WQCC fee schedule flat fee amount of \$1,380.00 for compressor stations with ratings above 3001 horsepower.

The OCD would like to thank you for your assistance in this matter

Sincerely,

Roger C. Anderson  
Chief, Environmental Bureau  
Oil Conservation Division

RCA/wjf

Enclosures (4)

PUBLIC SERVICE COMPANY OF NEW MEXICO



Company \_\_\_\_\_  
 Alvarado Square  
 Department/Mailstop \_\_\_\_\_  
 MS 0408  
 Address \_\_\_\_\_  
 Albuquerque, NM 87158  
 City State Zip Code

DATE: 12.17.98

TO: JACK FORD, OCD

FAX TELEPHONE NO. (505) 827-8177

FROM: JEAN ARYA, PNM

TELEPHONE NO. 241-4954 FAX TELEPHONE No. (505) 241-2340

NUMBER OF PAGES BEING TRANSMITTED INCLUDING COVER SHEET: 2

MESSAGE: Jack,

Thanks for your help.  
 Merry Christmas!  
 Jean

The information contained in this facsimile message is confidential and solely for the use of the individual or entity named above. If the recipient of this message is not the intended recipient, or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination, distribution, copying or unauthorized use of this communication is strictly prohibited. If you have received this facsimile in error, please notify the sender immediately by telephone.



PUBLIC SERVICE COMPANY OF NEW MEXICO  
FAX MEMO

TO: Jack Ford, Oil Conservation Division (OCD)

FROM: Jean Arya, Public Service Company of New Mexico (PNM)

SUBJECT: Hydrostatic test of wastewater pipeline at Rio Puerco Compressor Station

DATE: December 17, 1998

Public Service Company of New Mexico, Gas Services (PNMGS) plans to test the wastewater line at Rio Puerco Compressor Station. This facility is covered under Discharge Plan GW-65 from the OCD.

We plan to cap the lower end of the gravity fed pipe, fill it with a measured quantity of City of Albuquerque water, and leave it in place approximately twenty-four hours. We will then release the water, measure it, and discharge it to the waste water tank on site. This tank is emptied as necessary by an approved oil recycler.

The results of this test, that is the volume of water lost, if any, will be sent to OCD within the next two weeks.



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

June 27, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-326-936-624**

Ms. Toni K. Ristau  
Director, Environmental Services  
PNMGS  
Alvarado Square, M.S. 0408  
Albuquerque, NM 87158

**RE: Discharge Plan Fees GW-065**  
**Rio Puerco Compressor Station**  
**Valencia County, New Mexico**

P 326-936-624

US Postal Service  
Receipt for Certified Mail  
No Insurance Coverage Provided.  
Do not use for International Mail (See reverse)

Sent to: PNMGS - Ms. Ristau  
Street & Number: GW-065  
Post Office, State, & ZIP Code: DP. Puerco, N.M.

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
<b>TOTAL Postage &amp; Fees</b>	\$

Postmark or Date

PS Form 3800, April 1995

Dear Ms. Ristau:

On August 12, 1996, PNMGS, received, via certified mail, an approval dated August 7, 1996 from the New Mexico Oil Conservation Division (OCD) for discharge plan GW-065. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114 (see attachment). The OCD has not as of this date (June 27, 1997) received the annual incremental amount of \$69. The total flat fee amount remaining is \$345 of the original \$345 flat fee for discharge plan GW-065.

PNMGS will submit the remaining \$345 flat fee in full by July 25, 1997 in order to be in compliance with Water Quality Control Commission Regulation 3114.B.6, or the OCD may initiate enforcement actions which may include fines and/or an order to cease all operations at the facility. Please make all checks payable to: NMED-Water Quality Management and addressed to the OCD Santa Fe Office.

If you have any questions regarding this matter, please contact me at (505)-827-7152 or Mr. Patricio Sanchez at (505) 827-7156.

Sincerely,

Roger Anderson  
Environmental Bureau Chief

RCA/pws

c: Mr. Denny Foust - Aztec OCD District Office

attachment

3114. FEES.

A. DEFINITIONS. - As used in this Section:

1. "average discharge" means the average daily flow rate of effluent discharge as measured or estimated over the period of one year; [8-17-91]

2. "billable facility" means any facility or portion of a facility required to have a discharge plan; and [8-17-91]

3. "discharge plan modification" means a change in requirements of a discharge plan as requested by the discharger as a result of past, present or anticipated changes in the quality or quantity of effluent or the location of the discharge; or as required by the secretary. [8-17-91]

B. FEE AMOUNT AND SCHEDULE OF PAYMENT - Every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this Section to the Water Quality Management Fund. [8-17-91]

1. The amount of the fee payment for a new discharge plan shall be calculated using the following formula:

1995 OCT 27 PM 1:26

TOTAL FEE = FILING FEE + FLAT FEE or DISCHARGE FEE

a. The filing fee is fifty (50) dollars for each new discharge plan application.

b. Billable facilities in the following categories applying for a new discharge plan will pay a flat fee as indicated:

FLAT FEE

Facility Category	Flat Fee
Fuel Terminals	\$ 2300
Gas Compressor Stations	
0 to 1000 Horsepower	0
1001 to 3000 Horsepower	690
Greater than 3000 Horsepower	1380
Gas Processing Plants	3335
Injection Wells: Classes I & III and Geothermal	1380
In Situ Leach - except salt	3335
Leach Heaps - copper	3335
Leach Heaps - precious metals	3510
Mine Dewatering	1065
Oil & Gas Service Companies	1380
Refineries	7820
Remediations - discharge plan only	1380
Tailings - copper, uranium & molybdenum	4860
Uranium - ion exchange & evaporation pond	1210

c. All billable facilities applying for a new discharge plan but which are not subject to a flat fee will pay the following fees according to their rate of effluent discharge:

DISCHARGE FEE

Average Discharge Gallons per Day	Fee
0 to 9,999	\$ 575
10,000 to 49,999	1150
50,000 to 99,999	1725
100,000 to 499,999	2300
500,000 to 999,999	2875
1,000,000 to 4,999,999	3450
5,000,000 to 9,999,999	4025
10,000,000 and greater	4600

[8-17-91]

2. Billable facilities applying for discharge plans

1995 OCT 27 PM 1:26

which are subsequently withdrawn or denied shall pay one-half of the flat fee or discharge fee at the time of denial or withdrawal.  
[8-17-91]

3. Every billable facility submitting a discharge plan modification or renewal will be assessed a fee equal to the filing fee plus one-half of the flat fee or the discharge fee, whichever is applicable. Applications for both renewal and a modification will pay a fee equal to that assessed a new discharge plan application. [8-17-91]

4. If the secretary requires a discharge plan modification as a component of an enforcement action, the facility shall pay the applicable discharge plan modification fee. If the secretary requires a discharge plan modification outside the context of an enforcement action, the facility shall not be assessed a fee.  
[8-17-91, 12-1-95]

5. The secretary may waive flat fees or discharge fees for discharge plan modifications which require little or no cost for investigation or issuance. [8-17-91, 12-1-95]

6. Billable facilities shall pay the filing fee at the time of discharge plan application. The filing fee is nonrefundable. The required flat fees or discharge fees may be paid in a single payment or in equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of discharge plan approval. The discharge plan or discharge plan application review of any facility shall be suspended or terminated if the facility fails to submit an installment payment by its due date. [8-17-91]

[3115-4100] Reserved



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

CONSERVATION DIVISION  
RECEIVED

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

96 AUG 19 AM 8 52

August 7, 1996

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-594-835-291**

RECEIVED

AUG 12 1996

Ms. Toni K. Ristau  
Director, Environmental Services  
PNMGS  
Alvarado Square, M.S. 0408  
Albuquerque, NM 87158

RECEIVED

AUG 19 1996

**RE: Renewal of Discharge Plan GW-65  
Rio Puerco Compressor Station  
Valencia County, New Mexico**

Environmental Bureau  
Oil Conservation Division

Dear Ms. Ristau:

The discharge plan renewal GW-65 for the PNMGS Rio Puerco Compressor Station located in Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan renewal consists of the application dated June 18, 1996, as well as the letter and additional information dated June 20, 1996 from PNMGS and this approval letter with conditions of approval from OCD dated August 7, 1996. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within five working days of receipt of this letter.

The discharge plan renewal application was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission Regulations. Please note Sections 3109.E and 3109.F which provide for possible future amendments or modifications of the plan. Please be advised that the approval of this plan does not relieve PNMGS of liability should the operations associated with this facility result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open top tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Ms. Toni K. Ristau  
PNMGS  
Page 2  
August 7, 1996

Please note that Section 3104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C PNMGS is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

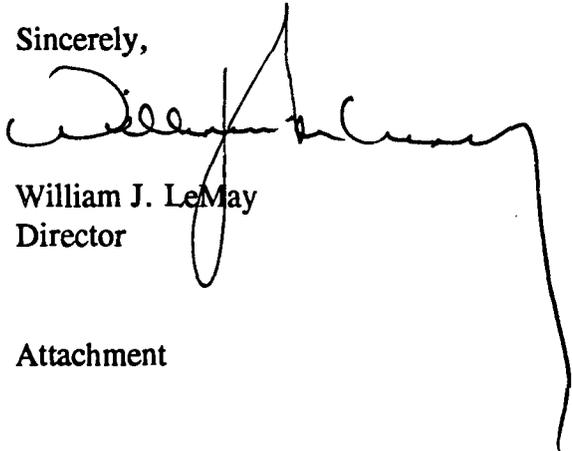
Pursuant to Section 3109.G.4, this plan is for a period of five (5) years. **This approval will expire June 25, 2001, and an application for renewal should be submitted in ample time before that date.** It should be noted that all discharge plan facilities will be required to submit plans for, or the results of, an underground drainage testing program as a requirement for discharge plan renewal approval.

The discharge plan renewal for the PNMGS Rio Puerco Compressor Station GW-65 is subject to the WQCC Regulation 3114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty dollars (\$50) plus a flat fee of three-hundred and forty five dollars (\$345) for Compressor Stations between 1,001 to 3,000 horsepower.

**The \$50 filing fee has been received by the OCD. The flat fee for an approved discharge plan has not been received by the OCD.**

On behalf of the staff of the Oil Conservation Division, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

A handwritten signature in black ink, appearing to read 'William J. LeMay', is written over the typed name and title. The signature is fluid and cursive, with a long, sweeping underline that extends to the right and then curves back down.

William J. LeMay  
Director

Attachment

xc: Mr. Denny Foust

Ms. Toni K. Ristau  
PNMGS  
Page 3  
August 7, 1996

**ATTACHMENT TO DISCHARGE PLAN GW-65  
PNMGS - Rio Puerco Compressor Station  
DISCHARGE PLAN REQUIREMENTS  
(August 7, 1996)**

1. **Payment of Discharge Plan Fees:** The \$345 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. **PNMGS Commitments:** PNMGS will abide by all commitments submitted in the Application dated June 18, 1996, as well as the letter and additional information dated June 20, 1996 from PNMGS and this approval letter with conditions of approval from OCD dated August 7, 1996.
3. **Drum Storage:** All drums containing materials other than fresh water must be stored on an impermeable pad and curb type containment. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad and curb type containment.  
  
All drums and chemical containers shall be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.
4. **Process Areas:** All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
5. **Above Ground Tanks:** All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad.
6. **Above Ground Saddle Tanks:** Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
7. **Tank Labeling:** All tanks should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

Ms. Toni K. Ristau  
PNMGS  
Page 4  
August 7, 1996

8. **Below Grade Tanks/Sumps:** All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks that do not have secondary containment and leak detection must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks /or sumps.

9. **Underground Process/Wastewater Lines:** All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years there after. Companies may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing so that an OCD representative may witness the testing.

10. **Housekeeping:** All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.

Any contaminated soils that are collected at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

11. **Spill Reporting:** All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the Aztec OCD District Office at (505)-334-6178.

12. **Transfer of Discharge Plan:** The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

13. **New Mexico Oil Conservation Division Inspections:** Additional requirements may be placed on the facility based upon results from New Mexico Oil Conservation Division inspections.

14. **Closure:** The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

15. **Conditions accepted by:** General W. L... 8/16/96  
Company Representative Date  
Plant Super.  
Title



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

August 7, 1996

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-594-835-291**

Ms. Toni K. Ristau  
Director, Environmental Services  
PNMGS  
Alvarado Square, M.S. 0408  
Albuquerque, NM 87158

**RE: Renewal of Discharge Plan GW-65  
Rio Puerco Compressor Station  
Valencia County, New Mexico**

Dear Ms. Ristau:

The discharge plan renewal GW-65 for the PNMGS Rio Puerco Compressor Station located in Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan renewal consists of the application dated June 18, 1996, as well as the letter and additional information dated June 20, 1996 from PNMGS and this approval letter with conditions of approval from OCD dated August 7, 1996. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within five working days of receipt of this letter.

The discharge plan renewal application was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission Regulations. Please note Sections 3109.E and 3109.F which provide for possible future amendments or modifications of the plan. Please be advised that the approval of this plan does not relieve PNMGS of liability should the operations associated with this facility result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open top tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

P 594 835 291

US Postal Service  
Receipt for Certified Mail  
No Insurance Coverage Provided. *GW-65*  
Do not use for International Mail (See reverse)

Sent to	
PNMGS - GW-65	
Street & Number	
Ms. Ristau	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

Ms. Toni K. Ristau  
PNMGS  
Page 2  
August 7, 1996

Please note that Section 3104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C PNMGS is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

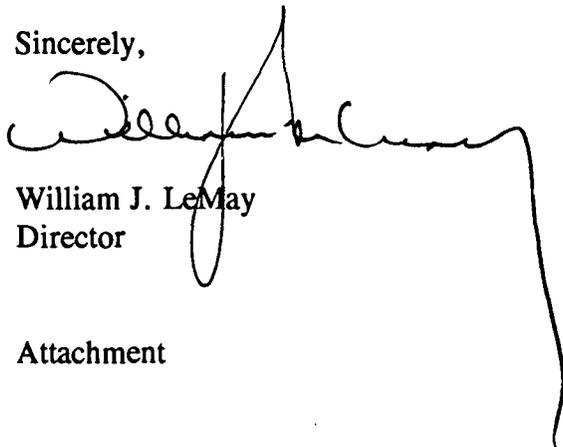
Pursuant to Section 3109.G.4, this plan is for a period of five (5) years. **This approval will expire June 25, 2001, and an application for renewal should be submitted in ample time before that date.** It should be noted that all discharge plan facilities will be required to submit plans for, or the results of, an underground drainage testing program as a requirement for discharge plan renewal approval.

The discharge plan renewal for the PNMGS Rio Puerco Compressor Station GW-65 is subject to the WQCC Regulation 3114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty dollars (\$50) plus a flat fee of three-hundred and forty five dollars (\$345) for Compressor Stations between 1,001 to 3,000 horsepower.

**The \$50 filing fee has been received by the OCD. The flat fee for an approved discharge plan has not been received by the OCD.**

On behalf of the staff of the Oil Conservation Division, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,



William J. LeMay  
Director

Attachment

xc: Mr. Denny Foust

Ms. Toni K. Ristau  
PNMGS  
Page 3  
August 7, 1996

**ATTACHMENT TO DISCHARGE PLAN GW-65  
PNMGS - Rio Puerco Compressor Station  
DISCHARGE PLAN REQUIREMENTS  
(August 7, 1996)**

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2. **PNMGS Commitments:** PNMGS will abide by all commitments submitted in the Application dated June 18, 1996, as well as the letter and additional information dated June 20, 1996 from PNMGS and this approval letter with conditions of approval from OCD dated August 7, 1996.
3. **Drum Storage:** All drums containing materials other than fresh water must be stored on an impermeable pad and curb type containment. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad and curb type containment.  
  
All drums and chemical containers shall be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.
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5. **Above Ground Tanks:** All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad.
6. **Above Ground Saddle Tanks:** Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
7. **Tank Labeling:** All tanks should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.



**NOTICE OF PUBLICATION**

State Of New Mexico  
Energy, Minerals and  
Natural Resources Department  
Oil Conservation  
Division

Notice is hereby given pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-065)-PNMGS, Ms. Toni K Ristau, (505)241-2015, Alvarado Square MS 0408, Albuquerque, NM, 87158, has submitted a Discharge Plan Renewal Application for their Rio Puerco Compressor Station located in Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak or accidental discharge to the surface is at a depth of approximately 80 feet with a total dissolved solids concentration of approximately 1050 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-066)-PNMGS, Ms. Toni K Ristau, (505)241-2015, Alvarado Square MS 0408, Albuquerque, NM, 87158, has submitted a Discharge Plan Renewal Application for their Santa Fe Junction Compressor Station located in Section 31, Township 12 North, Range 2 East, NMPM, Sandoval County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak or accidental discharge to the surface is at a depth of approximately 719 feet with a total dissolved solids concentra-

tion of approximately 364 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and May submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 am and 4:00 pm, Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director to the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of June, 1996.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
/s/William J. Lemay,  
WILLIAM J. LEMAY,  
Director

(SEAL)

Published in the Valencia County News Bulletin on June 29, 1996.

**AFFIDAVIT OF PUBLICATION**

STATE OF NEW MEXICO

COUNTY OF Valencia

Sandy Batten being first duly sworn, upon his oath, deposes and says:

1. That he is the Editor of the News Bulletin of Valencia County, a weekly newspaper published in the English language and having been regularly published, issued and in general

circulation in the County of Valencia and State of New Mexico, for a period of more than six months next preceeding the first publication of the legal notice herein referred to, a printed copy of which is hereto attached, and is a newspaper duly qualified for that purpose within the meaning of Section 10-2-4 of the New Mexico Statutes Annotated (1953). That the publication, a printed copy of which is hereto attached and made a part hereof, was published in said newspaper in the regular and entire issue of every number of the newspaper during the period of time of publication, and in the newspaper proper and not in

a supplement thereof, for one consecutive issues; the first publication being in the issue of the

29th day of June, 19 96, and the last publication being in the issue of the \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_, 19\_\_\_\_\_. And deponent further says that the said notice published has been paid for or has been assessed as court costs in the case numbered.

Sandra Batten

Subscribed and sworn to before me the 5th day of July, 19 96.

Melissa Charvia  
Notary Public

My commission expires: June 29, 2000

**RECEIVED**

JUL 09 1996

Environmental Bureau  
Oil Conservation Division

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 6/19/96  
or cash received on \_\_\_\_\_ in the amount of \$ 50.00

from PNM  
for Rio Puerco GW-065

(Facility Name) submitted by: \_\_\_\_\_ (OP No.) Date: \_\_\_\_\_

Submitted to ASD by: R. Anderson Date: 7/2/96

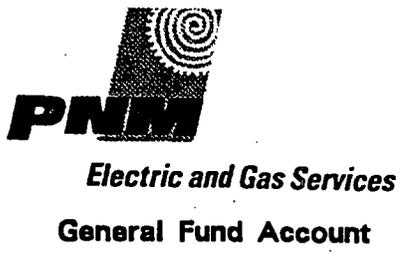
Received in ASD by: James Salazar Date: 7-2-96

Filing Fee  New Facility \_\_\_\_\_ Renewal \_\_\_\_\_  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(specify)

Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.

Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_



CHECK NO.	DATE	AMOUNT
[redacted]	06/19/96	*****50.00

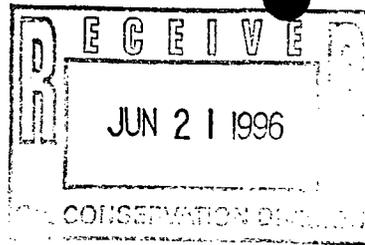
PAY  
TO THE  
ORDER  
OF

Benjamin F. Montoya  
Authorized Signature

OIL CONSERVATION DIVISION



Public Service Company  
of New Mexico  
Alvarado Square MS. 0408  
Albuquerque, NM 87158



June 20, 1996

Mr. Pat Sanchez  
NM Energy Minerals & Natural Resources Department  
Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, NM 87505

Renewal of discharge plan GW-65, Rio Puerco Compressor Station and  
discharge plan GW-66, Santa Fe Junction (also known as Espejo Compressor Station)

Dear Mr Sanchez:

Enclosed are applications for renewal for the above-referenced discharge plans, including addenda to the original plans, showing any changes, and the filing fee of fifty dollars for each. If you need any further information please call me at (505) 241-4954.

Sincerely,

A handwritten signature in cursive script that reads "Jean Arya".

Jean Arya  
Environmental Scientist

**RECEIVED**

JUN 21 1996

Environmental Bureau  
Oil Conservation Division



Electric and Gas Services

If you have any questions about this payment please contact:

Public Service Company of New Mexico

Accounts Payable, MS 0720

Alvarado Square

Albuquerque, New Mexico 87158

(505) 848-2120

CO.	BANK	CK DATE	VENDOR NO.		CK NO.			
EL	800	06/19/96	OIL120052501					
INVOICE	DATE	GROSS AMT	DISC.	DED	NET AMT	SOURCE REF	REMARKS	A
FILEFEE,061896A GW-65	06/18/96	50.00	0.00	0.00	50.00	960610112	FILING FEE	Y

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JUN 21 1996

Environmental Bureau  
Oil Conservation Division

TOTAL

\$50.00



# The Santa Fe New Mexican

Since 1849. We Read You.

NEW MEXICO OIL CONSERVATION  
ATTN: SALLY MARTINEZ  
2040 S. PACECO ST.  
SANTA FE. NM 87505

AD NUMBER: 517089

ACCOUNT: 56689

LEGAL NO: 59925

P.O. # 96199002997

207 LINES once at \$ 82.80  
Affidavits: 5.25  
Tax: 5.50  
Total: \$ 93.55

## AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 59925 a copy of which is hereto attached was published in said newspaper once each week for one consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 25th day of JUNE 1996 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

Betsy Perner  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this  
25th day of JUNE A.D., 1996

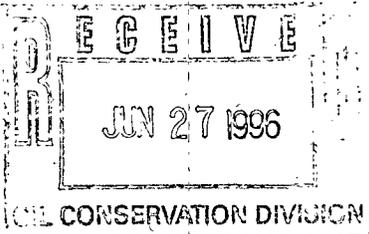


OFFICIAL SEAL

Janet L. Montoya

NOTARY PUBLIC - STATE OF NEW MEXICO

Janet L. Montoya  
MY COMMISSION EXPIRES 12/30/99



RECEIVED

JUN 28 1996

Environmental Bureau  
Oil Conservation Division

**NOTICE OF PUBLICATION**

**STATE OF NEW MEXICO**

**ENERGY, MINERALS  
AND NATURAL  
RESOURCES  
DEPARTMENT**

**OIL CONSERVATION  
DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico, 87505, Telephone (505) 827-7131:

(GW-065) - PNMGS, Ms. Toni K. Ristau, (505)-241-2015, Alvarado Square MS 0408, Albuquerque, NM, 87158, has submitted a Discharge Plan Renewal Application for their Rio Puerco Compressor Station located in Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 80 feet with a total dissolved solids concentration of approximately 1050 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-066) - PNMGS, Ms. Toni K. Ristau, (505)-241-2015, Alvarado Square MS 0408, Albuquerque, NM 87158, has submitted a Discharge Plan Renewal Application for their Santa Fe Junction Compressor Station located in Section 31, Township 12 North, Range 2 East, NMPM, Sandoval County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to

be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 719 feet with a total dissolved solids concentration of approximately 364 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plans based on information in the discharge plan applications and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of June, 1996.

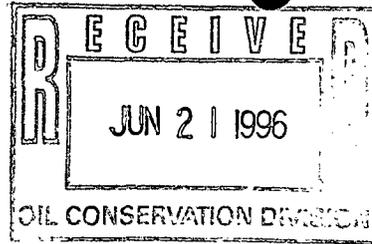
STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
WILLIAM J. LEMAY,  
Director  
Legal #59925  
Pub. June 25, 1996

**RECEIVED**

**JUN 28 1996**

**Environmental Bureau  
Oil Conservation Division**

Public Service Company  
of New Mexico  
Alvarado Square MS. 0408  
Albuquerque, NM 87158



June 20, 1996

Mr. Pat Sanchez  
NM Energy Minerals & Natural Resources Department  
Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, NM 87505

Renewal of discharge plan GW-65, Rio Puerco Compressor Station and  
discharge plan GW-66, Santa Fe Junction (also known as Espejo Compressor Station)

Dear Mr Sanchez:

Enclosed are applications for renewal for the above-referenced discharge plans, including addenda to the original plans, showing any changes, and the filing fee of fifty dollars for each. If you need any further information please call me at (505) 241-4954.

Sincerely,

A handwritten signature in cursive script that reads "Jean Arya".

Jean Arya  
Environmental Scientist

RECEIVED  
JUN 21 1996  
Environmental Bureau  
Oil Conservation Division



Electric and Gas Services

If you have any questions about this payment please contact:

Public Service Company of New Mexico  
Accounts Payable, MS 0720  
Alvarado Square  
Albuquerque, New Mexico 87158  
(505) 848-2120

CO.	BANK	CK DATE	VENDOR NO.		CK NO.
EL	800	06/19/96	OIL120052501		[REDACTED]

INVOICE	DATE	GROSS AMT	DISC	DED	NET AMT	SOURCE REF	REMARKS	A
LEFEE,061896A	06/18/96	50.00	0.00	0.00	50.00	960610112	FILING FEE	Y

2N-65

**RECEIVED**

JUN 21 1996

Environmental Bureau  
Oil Conservation Division

TOTAL \$50.00



Electric and Gas Services

General Fund Account



CHECK NO.	DATE	AMOUNT
[REDACTED]	06/19/96	\$*****50.00

PAY  
TO THE  
ORDER  
OF

*Benjamin F. Montoya*  
Authorized Signature

OIL CONSERVATION DIVISION



District I - (505) 393-6161  
P. O. Box 1980  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Revised 12/1/95

Submit Original  
Plus 1 Copy  
to Santa  
Fe  
1 Copy to appropriate  
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,  
GAS PLANTS, REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS  
(Refer to the OCD Guidelines for assistance in completing the application)

New  Renewal  Modification

6-21-96

GW-65 *[Signature]*

1. Type: Rio Puerco Compressor Station 2754 hp

2. Operator: Public Service Company of New Mexico

Address: Alvarado Square MS 0408 Albuquerque, NM 87158

Contact Person: Jean Arya Phone: (505) 241-4954

3. Location: SE 1/4 NW 1/4 Section 25 Township 8N Range 3E  
Submit large scale topographic map showing exact location.

4. Attach the name, telephone number and address of the landowner of the facility site.

5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.

6. Attach a description of all materials stored or used at the facility.

7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.

8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.

9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.

10. Attach a routine inspection and maintenance plan to ensure permit compliance.

11. Attach a contingency plan for reporting and clean-up of spills or releases.

12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.

13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Jean Arya Title: Environmental Scientist

Signature: *Jean Arya* Date: 6/20/96

RECEIVED  
JUN 21 1996

Environmental Bureau  
Oil Conservation Division

**Addendum to Discharge Plan GW-65  
Rio Puerco Compressor Station  
Valencia County, New Mexico**

**RECEIVED**

**JUN 21 1996**

Environmental Bureau  
Oil Conservation Division

**1. General Information**

- A. Name of Discharger or Legally Responsible Party  
Public Service company of New Mexico, Gas Services  
Alvarado Square  
Albuquerque, NM 87158
- B. Name of Local Representative or Contact Person  
Jesse Evans, District Engineer  
(505) 324-3722

**11. Plant Processes**

- B.1 Mobil Pegasus 89 engine oil is used as the lubricating oil for the compressor engine. A Material Safety Data Sheet (MSDS) is attached.
- C.1 Hydrostatic testing of underground effluent pipelines was conducted in 1991 when the plant was constructed. Retesting will take place within one year of the approval of this discharge plan, and the results will be submitted to OCD.
- D.3 A walk-through inspection is performed daily when the unit is in service. When not in service it is inspected at least once a week.

**111. Effluent Disposal**

1. All effluents from the site will be collected, hauled, and disposed of by a recycling contractor approved by the New Mexico Environment Department.
2. The shipping agent contracted for off-site disposal is Mesa Oil Inc., 20 Lucero Rd., Belen, NM 87002.

**Exposed Pits**

There are no exposed pits or open top tanks exceeding sixteen feet in diameter at this facility. No screening or netting is necessary to preserve wildlife.

**Addendum to Discharge DW-65**

**Page 2**

**Facility Closure Plan Pursuant to the WQCC Regulations 3107(a)11**

All reasonable and necessary measures will be taken to prevent the exceedence of 20 NMAC 6.2.3103 quality standards should PNM choose to close the facility permanently. Closure measures will include removal or closure in place of any underground piping and equipment. All tanks will be emptied. No potentially toxic materials or effluents will remain on site. All potential sources of toxic pollutants will be inspected. Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and 20 NMAC 6.2.1203 will be made, and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

**605717-00 MOBIL PEGASUS 89****1. PRODUCT AND COMPANY IDENTIFICATION**

APPROVAL DATE: 01/01/95

PRODUCT NAME: MOBIL PEGASUS 89  
SUPPLIER: MOBIL OIL CORP.  
PRODUCTS AND TECHNOLOGY DEPT.  
3225 GALLOWS RD.  
FAIRFAX, VA 22037

24 - Hour Emergency (call collect): 609-737-4411  
Product and MSDS Information: 800-662-4525 703-849-3265  
CHEMTREC: 800-424-9300 202-483-7616

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

This product is not formulated to contain ingredients which have exposure limits established by regulatory agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives. See Section 15 for a regulatory analysis of the ingredients.

See Section 15 for European Label Information.

See Section 8 for exposure limits (if applicable).

**3. HAZARDS IDENTIFICATION**

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

EFFECTS OF OVEREXPOSURE: No significant effects expected.

EMERGENCY RESPONSE DATA: Amber Liquid. DOT ERG No. - NA

#### 4. FIRST AID MEASURES

**EYE CONTACT:** Flush thoroughly with water. If irritation occurs, call a physician.

**SKIN CONTACT:** Wash contact areas with soap and water.

**INHALATION:** Not expected to be a problem.

**INGESTION:** Not expected to be a problem. However, if greater than 1/2 liter (pint) ingested, immediately give 1 to 2 glasses of water and call a physician, hospital emergency room or poison control center for assistance. Do not induce vomiting or give anything by mouth to an unconscious person.

#### 5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Carbon dioxide, foam, dry chemical and water fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** Water or foam may cause frothing.

Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

**SPECIAL PROTECTIVE EQUIPMENT:** For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None. Flash Point C(F): > 249(480) (ASTM D-92). Flammable limits - LEL: NA, UEL: NA.

**NFPA HAZARD ID:** Health: 0, Flammability: 1, Reactivity: 0

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide. Metal oxides. Elemental oxides.

#### 6. ACCIDENTAL RELEASE MEASURES

**NOTIFICATION PROCEDURES:** Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

**PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:** Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

**ENVIRONMENTAL PRECAUTIONS:** Prevent spills from entering storm sewers or drains and contact with soil.

**PERSONAL PRECAUTIONS:** See Section 8

MOBIL PEGASUS 89

605717-00

Page 3 of 7

## 7. HANDLING AND STORAGE

**HANDLING:** No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.

**STORAGE:** Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible material.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**VENTILATION:** No special requirements under ordinary conditions of use and with adequate ventilation.

**RESPIRATORY PROTECTION:** No special requirements under ordinary conditions of use and with adequate ventilation.

**EYE PROTECTION:** Normal industrial eye protection practices should be employed.

**SKIN PROTECTION:** No special equipment required. However, good personal hygiene practices should always be followed.

**EXPOSURE LIMITS:** This product does not contain any components which have recognized exposure limits. However, a threshold limit value of 5.00 mg/m<sup>3</sup> is suggested for oil mist.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.

**APPEARANCE:** Liquid

**COLOR:** Amber

**ODOR:** Mild

**ODOR THRESHOLD:** NA

**pH:** 8.8

**BOILING POINT C(F):** 388 (730)

**MELTING POINT C(F):** NA

**FLASH POINT C(F):** > 249 (480) (ASTM D-92)

**FLAMMABILITY:** NA

**AUTO FLAMMABILITY:** NE

**EXPLOSIVE PROPERTIES:** NA

**OXIDIZING PROPERTIES:** NA

**VAPOR PRESSURE-mmHg 20 C:** < 0.1

**VAPOR DENSITY:** > 2.0

**EVAPORATION RATE:** NA

**RELATIVE DENSITY, 15/4 C:** 0.89

**SOLUBILITY IN WATER:** Negligible

**PARTITION COEFFICIENT:** > 3.5

(Section continued next page)

MOBIL PEGASUS 89

605717-00

Page 4 of 7

VISCOSITY AT 40 C, cSt: 121.5  
VISCOSITY AT 100 C, cSt: 12.5  
POUR POINT C(F): -26(-15)  
FREEZING POINT C(F): NE  
VOLATILE ORGANIC COMPOUND: EXEMPT IN U.S.

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

## 10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.

CONDITIONS TO AVOID: Extreme heat.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Metal oxides.  
Elemental oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

## 11. TOXICOLOGICAL DATA

### ---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.

DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.

INHALATION TOXICITY (RATS): Practically non-toxic (LC50: greater than 5 mg/l). ---Based on testing of similar products and/or the components.

EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.

OTHER ACUTE TOXICITY DATA: The acute toxicological results summarized above are based on testing of representative Mobil products. Representative Mobil formulations have shown no acute effects, administered via the inhalation route, when tested at maximum attainable oil mist or vapor concentrations.

### ---SUBCHRONIC TOXICOLOGY (SUMMARY)---

Representative Mobil formulations have been tested at the Mobil Environmental and Health Sciences Laboratory by dermal applications to rats 5 days/week for 90 days at doses

(Section continued next page)

significantly higher than those expected during normal industrial exposure. Extensive evaluations, including microscopic examination of internal organs and clinical chemistry of body fluids, showed no adverse effects.

---REPRODUCTIVE TOXICOLOGY (SUMMARY)---

Dermal exposure of pregnant rats to representative formulations did not cause adverse effects in either the mothers or their offspring.

---CHRONIC TOXICOLOGY (SUMMARY)---

The base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using the Mobil Modified Ames Test.

---SENSITIZATION (SUMMARY)---

Representative Mobil formulations have not caused skin sensitization in guinea pigs.

---OTHER TOXICOLOGY DATA---

Used gasoline engine oils have shown evidence of skin carcinogenic activity in laboratory tests when no effort was made to wash the oil off between applications. Used oil from diesel engines did not produce this effect.

## 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS: Not established.

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which

(Section continued next page)

MOBIL PEGASUS 89

605717-00

Page 6 of 7

are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

## 14. TRANSPORT INFORMATION

USA DOT: NOT REGULATED BY USA DOT.

RID/ADR: NOT REGULATED BY RID/ADR.

IMO: NOT REGULATED BY IMO.

IATA: NOT REGULATED BY IATA.

## 15. REGULATORY INFORMATION

Governmental Inventory Status: All components comply with TSCA, EINECS/ELINCS, and DSL.

EU Labeling: EU labeling not required.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:  
This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

This product contains no chemicals reportable under SARA (313) toxic release program.

The following product ingredients are cited on the lists below:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
ZINC (ELEMENTAL ANALYSIS) (0.03%)	7440-66-6	22
PHOSPHORODITHOIC ACID, O,O-DI	68649-42-3	22
C1-14-ALKYL ESTERS, ZINC SALTS (2: 1) (ZDDP) (0.26%)		

(Section continued next page)

## --- REGULATORY LISTS SEARCHED ---

1 = ACGIH ALL	6 = IARC 1	11 = TSCA 4	17 = CA P65	22 = MI 293
2 = ACGIH A1	7 = IARC 2A	12 = TSCA 5a2	18 = CA RTK	23 = MN RTK
3 = ACGIH A2	8 = IARC 2B	13 = TSCA 5e	19 = FL RTK	24 = NJ RTK
4 = NTP CARC	9 = OSHA CARC	14 = TSCA 6	20 = IL RTK	25 = PA RTK
5 = NTP SUS	10 = OSHA Z	15 = TSCA 12b	21 = LA RTK	26 = RI RTK

Code key: CARC = Carcinogen; SUS = Suspected Carcinogen

## 16. OTHER INFORMATION

USE: NATURAL GAS ENGINE OIL

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

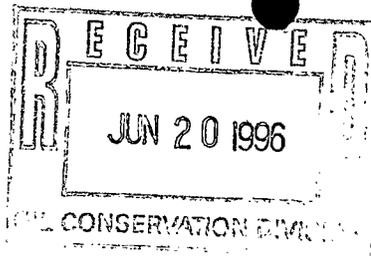
-----  
See container label for ingredient information.

\*\*\*\*\*  
For Mobil Use Only: MHC: 1\* 1\* 0\* 1\* 1\*, MPPEC: A, REQ: US -  
MARKETING, SAFE USE: L  
\*\*\*\*\*

\*\*\*\*\*  
Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users. Use or retransmission of the information contained herein in any other format than the format as presented is strictly prohibited. Mobil neither represents nor warrants that the format, content or product formulas contained in this document comply with the laws of any other country except the United States of America.

\*\*\*\*\*  
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Public Service Company  
of New Mexico  
Alvarado Square MS. 0408  
Albuquerque, NM 87158



June 18, 1996

**VIA FAX (original mailed via first class mail)**  
**(505) 827-8177**

Mr. William J. LeMay  
Chairman and Director  
Oil Conservation Division  
2040 S. Pacheco Street  
Santa Fe, NM 87505



Environmental Services Department  
MS-0408

Dear Sir:

Public Service Company of New Mexico - Gas Services (PNMGS) respectfully requests renewal of the discharge plans for the following PNMGS facilities:

Santa Fe Junction (also known as Espejo Compressor Station), located at Twp. 12 N, R 2 E, Section 31 (Sandoval County, NM)

- and -

Rio Puerco Compressor Station, located at Twp. 8 N, R 3 W, Section 25 (Valencia County, NM)

Per my discussion with Roger Anderson today, we will forward additional application materials, together with the fee of \$50.00 for each renewal application, by the end of this week (June 21, 1996). We will also include descriptive addenda for each discharge plan, detailing any changes to the facility, operations, etc. (if any) since the discharge plans were issued in 1991. By this letter, we are requesting that the public notice process be initiated for these applications.

If you have any questions regarding this request, please contact Jean Arya, PNM, at (505) 241-4954, or me at (505) 241-2015. Thank you for your consideration.

Sincerely,  
PUBLIC SERVICE COMPANY OF NEW MEXICO

A handwritten signature in cursive script, appearing to read "Toni K. Ristau".

Toni K. Ristau  
Director, Environmental Services

cc: Roger Anderson, OCD  
Pat Sanchez, OCD

**NOTICE OF PUBLICATION**

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

**(GW-065) - PNMGS, Ms. Toni K. Ristau, (505)-241-2015, Alvarado Square MS 0408, Albuquerque, NM, 87158, has submitted a Discharge Plan Renewal Application for their Rio Puerco Compressor Station located in Section 23, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 80 feet with a total dissolved solids concentration of approximately 1050 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.**

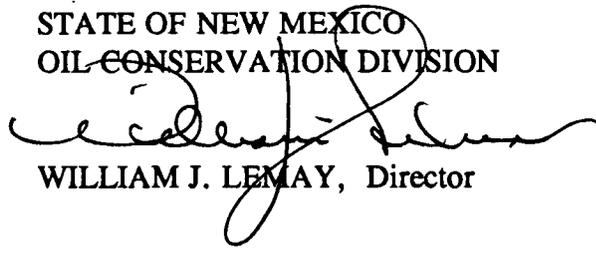
**(GW-066) - PNMGS, Ms. Toni K. Ristau, (505)-241-2015, Alvarado Square MS 0408, Albuquerque, NM, 87158, has submitted a Discharge Plan Renewal Application for their Santa Fe Junction Compressor Station located in Section 31, Township 12 North, Range 2 East, NMPM, Sandoval County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 719 feet with a total dissolved solids concentration of approximately 364 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.**

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of June, 1996.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

March 15, 1996

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-765-963-119**

Ms. Jean Arya  
Public Service Company of New Mexico (PNM)  
Alvarado Square, M.S. 0408  
Albuquerque, NM 87158

**RE: Discharge Plan GW-65 Renewal  
Rio Puerco C.S.  
Valencia County, New Mexico**

Dear Ms. Arya:

On June 25, 1991, the groundwater discharge plan, GW-65, for the Rio Puerco C.S. located in the SE/4 NW/4, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. The approval will expire on June 25, 1996.

On October 18, 1995, PNM was notified of the upcoming expiration. If the discharge plan renewal is not received and approved by the OCD by June 25, 1996, the facility will be required to cease operations until the OCD receives and approves the discharge plan renewal.

If the facility continues to have potential or actual effluent or leachate discharges and PNM wishes to continue operation, PNM must renew the discharge plan. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several months. Please indicate whether PNM has made, or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Santa Fe District IV Office. Note that the completed and signed application form must be submitted with the discharge plan renewal request.

Ms. Jean Arya  
March 15, 1996  
Page 2

The discharge plan renewal application for the Rio Puerco C.S. is subject to the WQCC Regulations 3114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (50) dollars plus a flat fee as outlined in WQCC Regulation 3114 for Compressor Stations. The WQCC Regulations and OCD Guidelines and Application form as revised December, 1995 are enclosed.

The (50) dollar filing fee is to be submitted with discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

If PNM no longer has any actual or potential discharges a discharge plan is not needed, please notify this office and include a closure plan for the facility pursuant to WQCC Section 3107 A.11.

If PNM has any questions regarding this matter, please do not hesitate to contact Pat Sanchez at (505) 827-7156.

Sincerely,



Roger C. Anderson  
Environmental Bureau Chief

Enclosure

xc: Mr. Roy Johnson - District IV Supervisor

Z 765 963 119



Receipt for  
Certified Mail  
No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to	PNM - Ms. Jean Arya	
Street and No.	Alvarado Square, M.S. 0408	
P.O., State and ZIP Code	Albuquerque, NM 87158	
Postage		\$
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, and Addressee's Address		
TOTAL Postage & Fees		\$
Postmark or Date		

PS Form 3800, March 1993

PUBLIC SERVICE COMPANY OF NEW MEXICO



ALVARADO SQUARE

Address

ALBUQUERQUE, NM 87158

City

State

Zip Code

RECEIVED

JUN 19 1996

DATE: 6-18-96

Environmental Bureau  
Oil Conservation Division

TO: Mr Roger Anderson

FAX TELEPHONE NO. (505) 827-8177

FROM: Jean Arya

TELEPHONE NO. 241-1957

FAX TELEPHONE No. (505)241-2340

NUMBER OF PAGES BEING TRANSMITTED INCLUDING COVER SHEET: 2

MESSAGE: Please call if this is not sufficient information  
to start the renewal process.

Many thanks

Jean

The information contained in this facsimile message is confidential and solely for the use of the individual or entity named above. If the recipient of this message is not the intended recipient, or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination, distribution, copying or unauthorized use of this communication is strictly prohibited. If you have received this facsimile in error, please notify the sender immediately by telephone.

Public Service Company  
of New Mexico  
Alvarado Square MS. 0408  
Albuquerque, NM 87158

June 18, 1996

VIA FAX (original mailed via first class mail)

(505) 827-8177

Mr. William J. LeMay  
Chairman and Director  
Oil Conservation Division  
2040 S. Pacheco Street  
Santa Fe, NM 87505

RECEIVED

JUN 19 1996

Environmental Bureau  
Oil Conservation Division



Environmental Services Department  
MS-0408

Dear Sir:

Public Service Company of New Mexico - Gas Services (PNMGS) respectfully requests renewal of the discharge plans for the following PNMGS facilities:

Santa Fe Junction (also known as Espejo Compressor Station), located at Twp. 12 N, R 2 E, Section 31 (Sandoval County, NM)

- and -

Rio Puerco Compressor Station, located at Twp. 8 N, R 3 W, Section 25 (Valencia County, NM)

Per my discussion with Roger Anderson today, we will forward additional application materials, together with the fee of \$50.00 for each renewal application, by the end of this week (June 21, 1996). We will also include descriptive addenda for each discharge plan, detailing any changes to the facility, operations, etc. (if any) since the discharge plans were issued in 1991. By this letter, we are requesting that the public notice process be initiated for these applications.

If you have any questions regarding this request, please contact Jean Arya, PNM, at (505) 241-4954, or me at (505) 241-2015. Thank you for your consideration.

Sincerely,  
PUBLIC SERVICE COMPANY OF NEW MEXICO

A handwritten signature in cursive script, appearing to read "Toni K. Ristau".

Toni K. Ristau  
Director, Environmental Services

cc: Roger Anderson, OCD  
Pat Sanchez, OCD

## OIL CONSERVATION DIVISION

October 18, 1995

**CERTIFIED MAIL****RETURN RECEIPT NO. Z-765-963-080**

Ms. Jean Arya  
 Public Service Company of New Mexico (PNM)  
 Alvarado Square, M.S. 0408  
 Albuquerque, NM 87158

**RE: Discharge Plan GW-65 Renewal  
 Rio Puerco C.S.  
 Valencia County, New Mexico**

Dear Ms. Arya:

On June 25, 1991, the groundwater discharge plan, GW-65, for the Public Service Company of New Mexico CS located in SE/4 NW/4, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico, will expire on June 25, 1996. The plan was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years.

If your facility continues to have potential or actual effluent or leachate discharges and you wish to continue operation, you must renew your discharge plan. If PNM submits an application for renewal at least 120 days before the discharge plan expires (on or before February 25, 1996), then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether you have made, or intend to make, any changes in your system, and if so, please include these modifications in your application for renewal.

The discharge plan renewal application for the Rio Puerco CS is subject to the WQCC Regulations 3-114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (50) dollars plus a flat fee of \$345 for Compressor Stations between 1,001 and 3,000 horsepower.

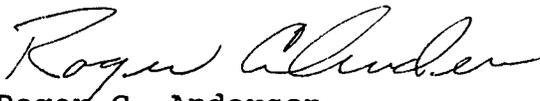
The (50) dollar filing fee is to be submitted with the discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan - with the first payment due at the time of approval. Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

Ms. Jean Arya  
October 18, 1995  
Page 2

Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Santa Fe District IV Office. Note that the completed and signed application form must be submitted with your discharge plan renewal request. The following information is included: Application form, Guidelines, and WQCC regulations.

If you no longer have any actual or potential discharges a discharge plan is not needed, please notify this office. If you have any questions regarding this matter, please do not hesitate to contact Patricio W. Sanchez at (505) 827-7156.

Sincerely,



Roger C. Anderson  
Environmental Bureau Chief

RCA/pws

xc: Mr. Roy Johnson - District IV Supervisor

Z 765 963 080



Receipt for  
Certified Mail  
No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to	
PMM - 6W-65,66	
Street and No.	
Ms. Jean Arya	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993

# GAS COMPANY OF NEW MEXICO

OIL CONSERVATION DIVISION  
RECEIVED

JUN 19 1991

June 19, 1991

Mr. Roger C. Anderson  
State of New Mexico Oil Conservation Division  
P.O. Box 2088  
State Land Office Building  
Santa Fe, New Mexico 87504

**RE: Discharge Plan GW-65 - Rio Puerco Compressor Station  
Valencia County, New Mexico**

Dear Mr. Anderson,

In response to your letter dated May 17, 1991, the additional information is enclosed.

- After talking with you over the phone on June 4, 1991, it was determined since the wastewater line is gravity fed and only five feet in length pressure testing is unnecessary. In lieu of this testing, any request from your office to inspect the pipe or surrounding area will be performed according to your specifications. All other wastewater lines have valves and can easily be pressure tested.
- GCNM will follow notification of spills or leaks pursuant to OCD Section D.1 Rule 116 (as stated in Section II D, Page 5 of the Discharge Plan).
- Any offsite disposal of contaminated soils, the proposed disposal site, and method of disposal will be reviewed and approved by OCD pursuant to Section D.1 before such disposal occurs.

I hope this correctly addresses the information requested for Rio Puerco Compressor Station. If there are any further questions please contact me at 880-7966. Thank you.

Sincerely,

A handwritten signature in cursive script that reads "Paula Y. McAfee".

Paula Y. McAfee  
Staff Engineer

cc: Steven Emrick - GCNM  
L.B. Dean - GCNM

GAS COMPANY OF NEW MEXICO

OIL CONSERVATION DIVISION  
RECEIVED

May 3, 1991

Mr. Dave Boyer  
Oil Conservation Division  
P.O. Box 2088  
State Land Office Building  
Santa Fe, New Mexico 87504

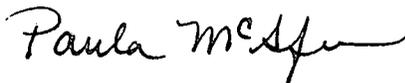
RE: Rio Puerco Compressor Station Discharge Plan

Dear Mr. Boyer,

Enclosed you will find three copies of the Discharge Plan for the Rio Puerco Compressor Station.

If you have any questions, please do not hesitate to call me at 880-7966.

Sincerely,



Paula McAfee  
Staff Engineer

cc: Steven Emrick - GCNM  
L.B. Dean - GCNM



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
FISH AND WILDLIFE SERVICE  
Ecological Services  
Suite D, 3530 Pan American Highway, NE  
Albuquerque, New Mexico 87107

U.S. GOVERNMENT PRINTING OFFICE  
1987 O-500-000  
'91 APR 16 AM 9 23

April 12, 1991

Mr. William J. Lemay, Director  
New Mexico Energy, Minerals and  
Natural Resources Department  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Dear Mr. Lemay:

This responds to the Public Notice dated March 20 and 21, 1991, regarding the affects of granting State of New Mexico groundwater discharge permits on fish, shellfish and wildlife resources in New Mexico.

The U.S. Fish and Wildlife Service (Service) has determined that there are no wetlands or other environmentally sensitive habitats that will be adversely affected by the following discharges.

GW-5 Warren Petroleum Company, Eunice Gas Processing Plant, Lea County, New Mexico.

GW-65 Gas Company of New Mexico, Rio Puerco Compressor Station, Valencia County, New Mexico.

GW-66 Gas Company of New Mexico, Santa Fe Junction Compressor Station, Sandoval County, New Mexico.

Direct adverse impacts to migratory birds will occur from petroleum hydrocarbon contamination if the birds gain access to the oil that is present on the ponds or tanks as noted by visible oil sheens. Migratory birds that become covered by or ingest oil typically suffer mortality due to hypothermia or poisoning. The Service recommends that all tanks and ponds, regardless of size, be netted to prevent any access by migratory birds.

Migratory birds are protected under the Migratory Birds Treaty Act (MBTA). If migratory birds become exposed to or accumulate harmful levels of contaminants, this constitutes "take" under the MBTA. The MBTA makes it unlawful for anyone at any time or in any manner to ". . . kill . . ." any migratory birds unless permitted by regulations promulgated under the Act.

The courts have stated that the MBTA can be constitutionally applied to impose penalties to persons, associations, partnerships, or corporations that did not intend to "kill" migratory birds and that the MBTA includes poisoning by any means. The MBTA holds that the unlawful killing of even one migratory bird is an offense (Olive, S.W. and R.L. Johnson. 1986. Environmental Contaminants: Selected Legal Topics. Fish and Wildlife Service Biological Report 87(1) November 1986).

These comments represent the views of the Service. If you have any questions concerning our comments, please contact Scott P. Hamilton-McLean at FTS 474-7877 or (505) 883-7877.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jennifer Fowler-Propst", with a long horizontal flourish extending to the right.

Jennifer Fowler-Propst  
Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico  
Regional Administrator, Environmental Protection Agency, Dallas, Texas  
Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife  
Enhancement, Albuquerque, New Mexico  
Regional Director, U.S. Fish and Wildlife Service, Division of Law  
Enforcement, Albuquerque, New Mexico  
Regional Oil Pits Coordinator, U.S. Fish and Wildlife Service, Division of  
Refuges, Albuquerque, New Mexico

STATE OF NEW MEXICO

County of Bernalillo ss

OIL CONSERVATION DIVISION  
RECEIVED  
'91 APR 12 AM 8 5

Thomas J. Smithson being duly sworn declares and says that he is National Advertising manager of the **Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition,

for..... 1 .....times, the first publication being on the..... 8 .....day  
of..... Apr ....., 1991, and the subsequent consecutive  
publications on....., 1991.

*Thomas J. Smithson*

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this ..... 8 ..... day of..... Apr ....., 1991.

*Bursditt*  
NOTARY PUBLIC  
STATE OF NEW MEXICO  
12/18/93

PRICE..... \* 28.84

Statement to come at end of month.

CLA-22-A (R-12/91) ACCOUNT NUMBER..... C 81184

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088. Telephone (505) 827-8900:

(GW-64) Gas Company of New Mexico, L.B. Dean, Plant Manager, P.O. Box 1899, Bloomfield, New Mexico, 87413, has submitted a discharge plan application for its Santa Fe Junction compressor station located in Unit 9, Rio Rancho Estates, Township 12 North, Range 2 East, NMPM, Sandoval County, New Mexico. Approximately 4 gallons per day of washdown water and used oil will be stored in an above ground steel tank within a lined bermed area prior to transport to a state approved recycling contractor. Groundwater most likely to be affected by any spill, leak or other accidental discharge to the surface is at a depth of approximately 719 feet with a total dissolved solids concentration of approximately 164 mg/l. The discharge plan application addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-65) Gas Company of New Mexico, L.B. Dean, Plant Manager, P.O. Box 1899, Bloomfield, New Mexico, 87413, has submitted a discharge plan application for its Rio Rancho compressor station located in the SE/4 NW/4, Section 25, Township 12 North, Range 3 West, NMPM, Sandoval County, New Mexico. Approximately 4 gallons per day of washdown water and used oil will be stored in an above ground steel tank within a lined bermed area prior to transport to a state approved recycling contractor. Groundwater most likely to be affected by any spill, leak or other accidental discharge to the surface is at a depth of approximately 80 feet with a total dissolved solids concentration of approximately 50 mg/l. The discharge plan application addresses how spills, leaks and other accidental discharges to the surface will be managed.

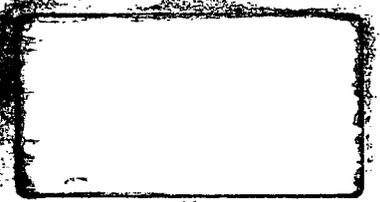
Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday.

Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearings may be requested by any interested person. Requests for public hearings shall set forth the reasons why a hearing shall be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan on the basis of the information submitted at the hearing.

Witness my hand and the Seal of New Mexico, Oil Conservation Commission, Santa Fe, New Mexico, on this 21st day of March, 1991.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
WILLIAM J. LEMAY, Director  
April 8, 1991



Michael J. Ryan  
Publisher

Panorama Plaza Suite D & E  
1594 Sara Rd, Rio Rancho, NM 87124  
P.O. Box 15878, Rio Rancho, NM 87174  
(505)892-8080 FAX (505)892-5719

SD \_\_\_\_\_

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO )  
COUNTY OF SANDOVAL )

MICHAEL J. RYAN, being duly sworn, upon oath stated:

That affiant is the Publisher of THE OBSERVER, a weekly newspaper published in the County of Sandoval and having a general circulation in the City of Rio Rancho and the County of Sandoval and duly qualified for the publication of legal advertisements within the meaning of the Publication of Notice Act, being Sections 14-11-1 seq., NMSA 1978, as amended; that the publication, a copy of which is hereto attached, was published in said newspaper in the regular edition and entire issue of every number of the paper during the period and time of publication, and that said Notice was published in the Newspaper proper, and not in a supplement, for 1 consecutive weeks, the first publication being on the 27th day of March 1991 and the subsequent publication(s) on \_\_\_\_\_ 1991 and that payment therefore has been made or assessed as court costs in the case and cause number shown in the attached publication.

Michael J. Ryan  
Affiant

Subscribed and sworn to before me this 27th day of March, 1991.

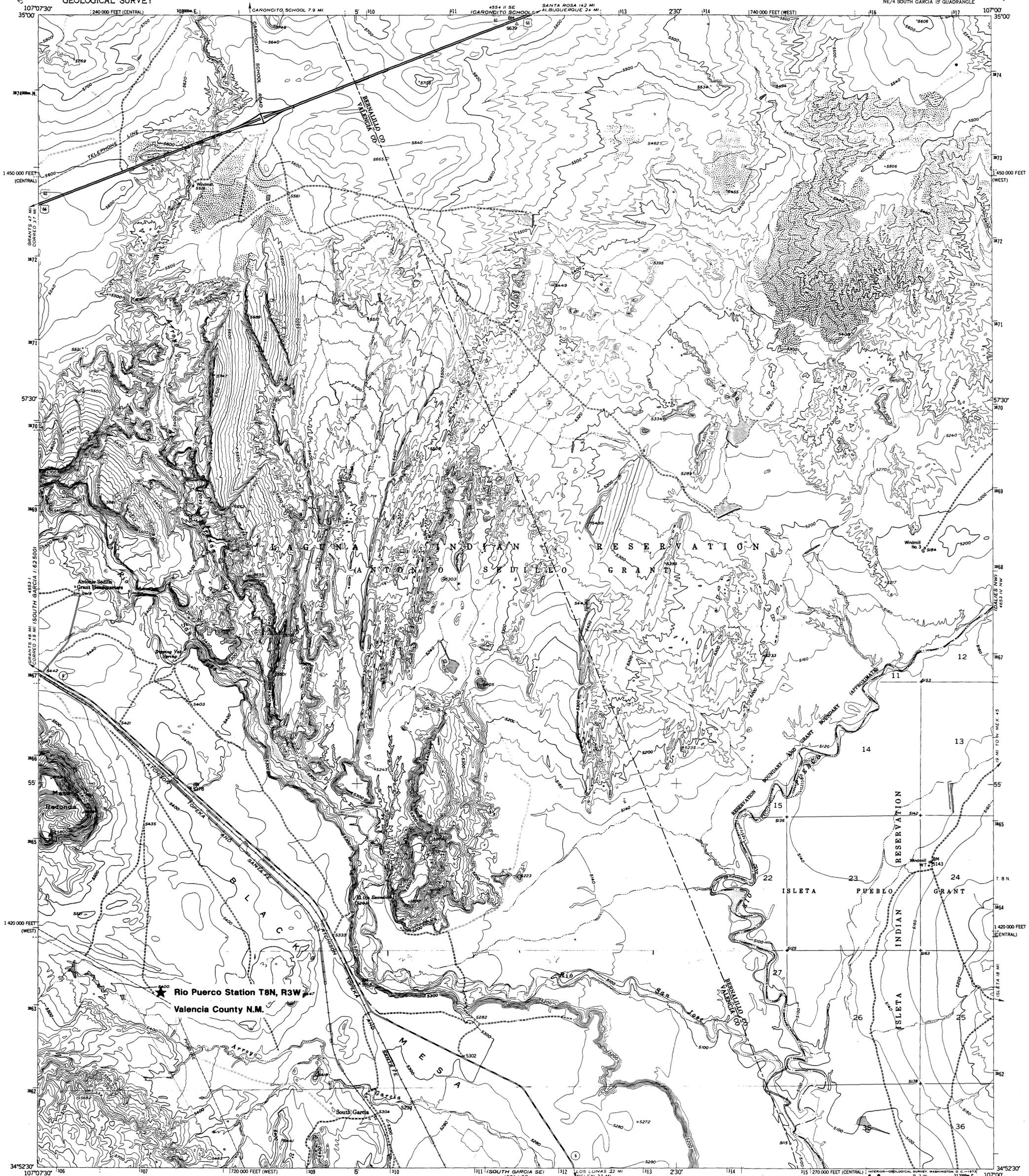
Notary Seal expires 3-9-92

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088. Telephone: (505) 827-5800.

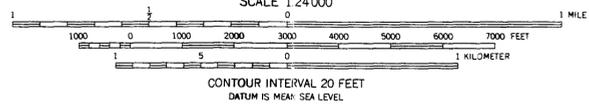
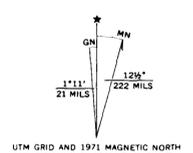
(GW-88) Gas Company of New Mexico, L.B. Dean, Plant Manager, P.O. Box 1899, Bloomfield, New Mexico, 87417 has submitted a discharge plan application for a 1000-gallon liquid separator compressor station located in Unit 9, Rio Rancho Estates, Township 12 North, Range 2 East, NMPM, Sandoval County, New Mexico. Approximately 4-gallons per day of washdown water and used oil will be stored in an above ground steel tank sited within a lined bermed area prior to transport to a state approved recycling contractor. Groundwater most likely to be affected by any spill, leak or other accidental discharge to the surface is at a depth of approximately 719 feet with a total dissolved solids concentration of approximately 384 mg/l. The discharge plan application address shows spills, leaks and other accidental discharges to the surface will be managed.

(GW-85) Gas Company of New Mexico, L.B. Dean, Plant Manager, P.O. Box 1899, Bloomfield, New Mexico, 87417 has submitted a discharge plan application for a 1000-gallon liquid separator compressor station located in Unit 9, Rio Rancho Estates, Township 12 North, Range 2 East, NMPM, Sandoval County, New Mexico. Approximately 4-gallons per day of washdown water and used oil will be stored in an above ground steel tank sited within a lined bermed area prior to transport to a state approved recycling contractor. Groundwater most likely to be affected by any spill, leak or other accidental discharge to the surface is at a depth of approximately 719 feet with a total dissolved solids concentration of approximately 384 mg/l. The discharge plan application address shows spills, leaks and other accidental discharges to the surface will be managed.



★ Rio Puerco Station T8N, R3W  
Valencia County N.M.

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1951. Field check 1954  
Polyconic projection. 1927 North American datum  
10,000-foot grids based on New Mexico coordinate system,  
west and central zones  
1000-meter Universal Transverse Mercator grid ticks,  
zone 13, shown in blue  
Revisions shown in purple compiled from aerial photographs  
taken 1971. This information not field checked



ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U.S. Route
	State Route



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

PLATE 1

SOUTH GARCIA, N. MEX.  
NE 1/4 SOUTH GARCIA 15 QUADRANGLE  
N3452.5-W10700.7/5  
1954  
PHOTOREVISED 1971  
AMS 4553 1 NE-SERIES V881

**Geoscience Consultants, Ltd.**

OIL CONSERVATION DIVISION  
RECEIVED  
500 Copper Avenue N.W. Suite 200  
Albuquerque, New Mexico 87102  
(505) 842-0001 FAX (505) 842-0595

'91 MAR 26 AM 9 52



March 25, 1991

Mr. Roger Anderson  
New Mexico Oil Conservation Division  
310 Old Santa Fe Trail  
State Land Office, Rm. 206  
Santa Fe, NM 87501

RE: RIO PUERCO COMPRESSOR STATION DISCHARGE PLAN

Dear Mr. Anderson:

Enclosed are three copies of the discharge plan for Gas Company of New Mexico's Rio Puerco Compressor Station. This discharge plan has been prepared pursuant to the New Mexico Oil Conservation Division "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants."

If you have any questions do not hesitate to call me, or Gary Jordan at (505) 842-0001.

Sincerely,  
GEOSCIENCE CONSULTANTS, LTD.

Robert Padgett  
Staff Engineer

RP/lc/0510/ANDERSON.LTR

cc (w/enclosures): Paula McAfee, GCNM  
L.B. Dean, GCNM  
Sam Mohler, GCNM



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

November 19, 1990

CERTIFIED MAIL -  
RETURN RECEIPT NO. P-327-278-304

Mr. L. B. Dean  
Gas Company of New Mexico  
P. O. Box 1899  
Bloomfield, New Mexico 87413

RE: Discharge Plan Requirement

Dear Mr. Dean:

Under the provisions of the Water Quality Control Commission (WQCC) Regulations, you are hereby notified that the filing of discharge plans is required for the following compressor stations:

1. Rio Puerco Station  
Section 25, Township 8 North, Range 3 West, NMPM  
Valencia County, New Mexico
2. Santa Fe Junction Station  
Unit 9, Rio Rancho Estates  
Township 12 North, Range 2 East, NMPM  
Sandoval County, New Mexico

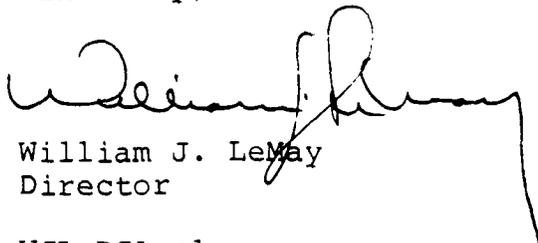
This notification of discharge plan requirement is pursuant to Sections 3-104 and 3-106 of the WQCC Regulations. The discharge plan, defined in Section 1.101.P. of the WQCC Regulations, should cover all discharges of effluent or leachate at the plant site or adjacent to the plant site. Included in the application should be plans for controlling spills and accidental discharges at the facility (including detection of leaks in buried underground tanks and/or piping).

A copy of the regulations is enclosed for your convenience. Also enclosed is a copy of an OCD guide to the preparation discharge plans for gas processing plants. The guidelines are presently being revised to include berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes. Three copies of each discharge plan application should be submitted.

Mr. L. B Dean  
November 19, 1990  
Page -2-

If there are any questions on this matter, please feel free to call David Boyer at 827-5812, or Roger Anderson at 827-5884 as they have the assigned responsibility for review of all discharge plans.

Sincerely,

A handwritten signature in cursive script, appearing to read "William J. LeMay". The signature is written in black ink and is positioned above the typed name and title.

William J. LeMay  
Director

WJL.RCA.s1

Enclosure

cc: OCD Santa Fe District Office

NOTICE OF PUBLICATION

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

**(GW-66) - Gas Company of New Mexico, L. B. Dean, Plant Manager, P. O. Box 1899, Bloomfield, New Mexico, 87413, has submitted a discharge plan application for its Santa Fe Junction compressor station located in Unit 9, Rio Rancho Estates, Township 12 North, Range 2 East, NMPM, Sandoval County, New Mexico. Approximately 4 gallons per day of washdown water and used oil will be stored in an above ground steel tank sited within a lined bermed area prior to transport to a state approved recycling contractor. Groundwater most likely to be affected by any spill, leak or other accidental discharge to the surface is at a depth of approximately 719 feet with a total dissolved solids concentration of approximately 364 mg/l. The discharge plan application addresses how spills, leaks and other accidental discharges to the surface will be managed.**

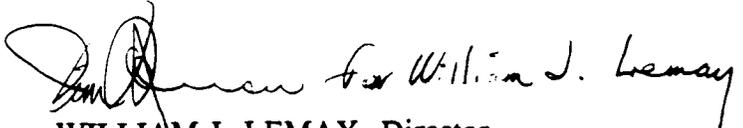
**(GW-65) - Gas Company of New Mexico, L. B. Dean, Plant Manager, P. O. Box 1899, Bloomfield, New Mexico, 87413, has submitted a discharge plan application for its Rio Puerco compressor station located in the SE/4 NW/4, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico. Approximately 4 gallons per day of washdown water and used oil will be stored in an above ground steel tank sited within a lined bermed area prior to transport to a state approved recycling contractor. Groundwater most likely to be affected by any spill, leak or other accidental discharge to the surface is at a depth of approximately 80 feet with a total dissolved solids concentration of approximately 1050 mg/l. The discharge plan application addresses how spills, leaks and other accidental discharges to the surface will be managed.**

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico,  
on this 21st day of March, 1991. To be published on or before March 29, 1991.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY, Director

S E A L

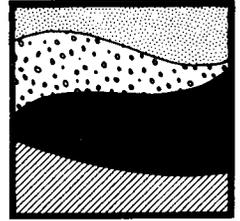
OIL CONSERVATION DIVISION  
RECEIVED

NOV 16 AM 9 15

**Geoscience Consultants, Ltd.**

500 Copper Avenue N.W. Suite 200  
Albuquerque, New Mexico 87102  
(505) 842-0001 FAX (505) 842-0595

**GCL**



November 13, 1990

Mr. Roger Anderson  
Oil Conservation Division  
P.O. Box 2088, RM #206  
Santa Fe, NM 87504

RE: RIO PUERCO STATION NOTICE OF INTENT TO DISCHARGE

Dear Mr. Anderson:

Enclosed is a Notice of Intent to Discharge for Gas Company of New Mexico's Rio Puerco Compressor Station located in Township 8 North, Range 3 West, NMPM, Valencia County.

The construction of the Rio Puerco Station should begin as soon as Right of Way is granted, which could be about December 1, 1990.

We look forward to working with you as you review the Notice of Intent and your determination as for need of a Discharge Plan for the Rio Puerco Station.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gary L. Jordan".

Gary L. Jordan  
Senior Engineer

GLJ/lc/0510/OCD002.LTR

Enclosure

cc: L.B. Dean - GCNM  
Paula McAfee - GCNM

**NOTICE OF INTENT**1) Name and address of person making the discharge:

Gas Company of New Mexico  
 P.O. Box 1899  
 Bloomfield, NM 87413  
 (505) 632-3311  
 ATTN: L.B. Dean

2) Location of the discharge:

*3E/4 NW/4*  
 Rio Puerco Station, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico (Plate 1).

3) Type of discharge:

- (1) Used lubricating oil, which is changed out from the compressor.
- (2) Ambitrol (Dow Chemical glycol), is used as a coolant for the compressors and is added as evaporation takes place.
- (3) Fresh water is used for wash down water to clean or wash down the compressors and engines.

4) The means of discharge:

- (1) The used lubricating oil is stored in an above ground tank and picked up by Mesa Oil for recycling.
- (2) Ambitrol (glycol) is not changed out, and is only added as needed.
- (3) Wash down water is held in a storage tank and then transported to an approved wastewater disposal site.

5) The type of operation from which the discharge is derived:

Rio Puerro station is a field compression facility for compressing of "pipeline quality" gas.

6) The estimated flow to be discharged per day:

- (1) Used lubricating oil is collected at a rate of 100 gallons per month.
- (2) Make up Ambitrol is added at a rate of 50 gallons per year.
- (3) Wash down water is collected at a rate of 10 gallons per month.

7) The estimated depth to ground water:

Based on well information from the State Engineers office, estimated depth to ground water is 80 ft.

Signed: Paula y MStee Date: Nov 14, 1990  
 0510/INTENT2.FRM

2 - Copy

11/16/90

**RIO PUERCO COMPRESSOR STATION  
DISCHARGE PLAN**

**Prepared for :  
Oil Conservation Division  
May 3, 1991**

**Gas Company Of New Mexico  
P.O. Box 26400  
Albuquerque, New Mexico  
87125  
(505) 880-7900**

OIL CONSERVATION DIVISION  
RECEIVED  
'91 MAY 6 PM 12 56

## Table of Contents

<b>I. General Information</b> .....	1
<b>II. Plant Processes</b> .....	4
<b>III. Effluent Disposal</b> .....	5
<b>IV. Site Characteristics</b> .....	6
<b>V. Additional Information</b> .....	6

**List of Appendices**

**Appendix**

- A Material Safety Data Sheets

**List of Plates**

**Plate**

- 1 Rio Puerco Station
- 2 Rio Puerco Site Diagram

## RIO PUERCO COMPRESSOR STATION

This document follows the format presented in "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants."

1. General Information

A. Name of Discharger or Legally Responsible Party

Gas Company of New Mexico  
P.O. Box 26400  
Albuquerque, New Mexico 87125  
Paula McAfee, Staff Engineer  
(505) 880-7966

B. Name of Local Representative or Contact Person

Gas Company of New Mexico  
P.O. Box 1899  
Bloomfield, New Mexico 87413  
Attention: Mr. L.B. Dean  
(505) 632-3311

C. Location of Discharge

Township 8 North, Range 3 West, NMPM  
UTM East 307500, UTM North 3863000  
Valencia County, NM (plate 1)

D. Types of Natural Gas Operation:

Field compression facility, which will be used for the transmission of pipeline quality gas (plate 2).

Process: Pipeline quality gas enters the station at a pressure of 400 psig. The natural gas will be compressed to 900 psig and discharged into a pipeline leaving the station.

Design Conditions:

Single Stage Compression

Gas Volume	40-80 MMCFD
Oper. Press.	400-900 psig
Station HP	2754 HP

**Gas Company of New Mexico  
Rio Puerco Compressor Station**

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*Geoscience Consultants, Ltd.*

E. Copies:

Three copies of Discharge Plan are submitted to OCD as required.

**Gas Company of New Mexico  
Rio Puerco Compressor Station**

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*Geoscience Consultants, Ltd.*

F. Affirmation:

"I hereby certify that I am familiar with the information contained in and submitted with this discharge plan and that such information is true, accurate, and complete to the best of my knowledge and belief."

Paula McAfee  
Signature

May 3, 1991  
Date

PAULA MCAFEE  
Printed Name of Person Signing Document

Staff Engr  
Title

# Gas Company of New Mexico Rio Puerco Compressor Station

*Geoscience Consultants, Ltd.*

## II. Plant Processes

### A. Sources and Quantities of Effluent and Process Fluids

The natural gas stream entering the plant is a very lean gas with greater than 90% methane by volume.

1. Fresh water will be used to clean or wash-down the compressors and engines. Contaminants in the water consists of dirt and small amounts of lubricating oil that may spill onto the concrete compressor pads during routine maintenance. The usage rate of wash-down water is estimated at 10 gallons per month.
2. During routine maintenance of the compressor engines, the oil in the engines will be changed approximately every 1,000 hours, at a oil usage rate of 100 gallons per month.
3. A glycol coolant is added to the compressors as evaporation takes place. The replacement rate of the coolant is estimated to be 4.2 gallons per month.

### B. Quality Characteristics

1. Conoco El Mar 3000 engine oil is used as the lubricating oil for the compressor engines. Refer to the Material Safety Data Sheets (MSDS) in the appendix A for a description of this product.
2. Dow Chemical Ambitrol CN coolant is used as the coolant for the compressor engines. Refer to the Material Safety Data Sheets (MSDS) in the appendix A for a description of this product.

### C. Transfer and Storage of Process Fluids and Effluents

1. All pressure vessels in this plant conform to ASME Code. All process piping will be hydrotested, designed, and fabricated per ASME B31.3 Code. All pressure piping welds will be 100% x-rayed. Maximum operating pressures for the pipelines are suction, 600 psia; and discharge, 913 psia.
2. New and used engine oil is stored in above-grade steel tanks located within a dirt berm. The new engine oil is stored in a 2000 gallon tank, elevated approximately 10 feet above grade and above the used oil tank. The used engine oil is stored in a 300 gallon above-grade fiberglass tank located immediately below the new oil tank. The bermed area is able to contain 1 1/2 times the volume of the largest tank.

# Gas Company of New Mexico Rio Puerco Compressor Station

*Geoscience Consultants, Ltd.*

Small quantities of wash-down water will be directed to a 300 gallon below-grade, fiberglass double-lined tank. (See plate 2)

3. Ambitrol CN coolant is stored in a 300 gallon above-grade steel tank located within a dirt berm separate from the berm surrounding the oil tanks. The bermed area is able to contain 1 1/2 times the volume of the largest tank.

Additional Ambitrol is stored in a small saddle tank located on each compressor. Leakage from these saddle tanks will be contained within the 300 gallon below-grade fiberglass double-lined tank.

## D. Spill/Leak Prevention and Housekeeping Procedures

1. All operations personnel have been instructed to handle process fluid spills or leaks as follows:
  - Small spills: Cover with sand to soak up fluid and shoveled into drums for OCD approved disposal.
  - Large spills: Dike around spill and pump into drums. Call vacuum truck if necessary.
  - Any spill large enough to require a dike to contain it will be reported immediately by phone to the OCD. Verbal and written notification of leaks or spills will be made to OCD in accordance with OCD Rule 116.
2. Each aboveground tank will be located within a bermed area with a capacity of at least 1-1/2 times the volume of the largest tank.
3. A daily walk-through inspection will be performed by the compressor station operator.
4. All areas identified during operation as susceptible to leaks or spills will be paved, bermed, or otherwise contained to prevent the discharge of any effluents.

## III. Effluent Disposal

1. All effluents from this site will be collected by a recycling contractor. This contractor will be approved by the New Mexico Environmental Improvement Division for the hauling and final disposition of the effluents.

**Gas Company of New Mexico  
Rio Puerco Compressor Station**

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*Geoscience Consultants, Ltd.*

2. The shipping agent contracted for off-site disposal is Mesa Oil, Inc., 4701 Broadway Boulevard SE, Albuquerque, New Mexico.

**IV. Site Characteristics**

**A. Hydrologic Features:**

Based on well information from the New Mexico State Engineers office, estimated depth to ground water at the site is 80 feet.

The ground water aquifer in this area is most likely in the Entrada sandstone. Total dissolved solids (TDS) concentration is estimated at 1050 mg/L.

**B. Geologic Description of Discharge Site**

A soil survey was performed by Western Technologies, Inc., 8305 Washington Place, N.E., Albuquerque, New Mexico, 87113. Geotechnical borings were drilled to a depth of 21 feet. From 0-5 feet, soil borings encountered silty sand; primarily fine-grained, medium dense with slight cementation. At 5 feet soil characteristics are clayey with moderate cementation, and at 10 feet soil characteristics are weathered shaley sandstone, very dense and red.

**C. Flood Protection**

Flood potential is very unlikely and flood protection is not necessary.

**V. Additional Information**

Produced water will not be present in the pipeline because all gas transported through this system will be a marketable, methane rich, pipeline quality gas.

Contractors used for the hauling and final disposal of the compressor oil will be approved by the New Mexico Environmental Improvement Division.

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APPENDIX A

**Appendix A**  
**Material Safety Data Sheets**

# Material Safety Data Sheet

Conoco

Emergency Medical Telephone (800) 441-3637

## EL MAR® 3000 ENGINE OIL

### I. MATERIAL IDENTIFICATION

Name	CAS Registry Number	Transportation Emergency Phone
El Mar® 3000 Engine Oil	Mixture; See Section XI	1-(800) 424-9300 (Chemtrec)
Chemical Family	Grade	
Petroleum Hydrocarbon	SAE 30, 40, 15W-40	
Product Use	Product Code	
Industrial Gas Engine Oil	7513/7514/7515	

### II. OSHA HAZARD DETERMINATION

The material is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Refer to Section XI of this MSDS for other federal and state regulatory information.

### III. PHYSICAL DATA

Appearance and Odor	Specific Gravity (H <sub>2</sub> O=1)
Brown liquid; Mild petroleum hydrocarbon odor	0.90
Boiling Point/Range	% Volatiles (by volume)
700° - 1100°F	Nil
Vapor Pressure	Solubility in Water
Nil	Insoluble
Vapor Density (Air = 1.0)	Evaporation Rate
>1	Nil

### IV. REACTIVITY DATA

Stable: X Unstable: \_\_\_

Hazardous Decomposition Materials: Hazardous gases/vapors produced are carbon dioxide; incomplete combustion may produce carbon monoxide.

Conditions to Avoid: Strong oxidizing materials, heat, flame.

Hazardous Polymerization: Will not occur.

## V. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method used): 370°F (PMCC)

Autoignition Temperature: 680°F

Handle and store in accordance with NFPA procedure for Class IIIB Combustible Liquid.

Extinguishing Media: Use water spray, dry chemical, CO<sub>2</sub>, foam.

Special Fire Fighting Procedures: Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.

Unusual Fire and Explosion Hazards: Products of combustion may contain carbon monoxide, carbon dioxide and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

### National Fire Protection Association (NFPA) Classification

Health 0 Fire 1 Reactivity 0

### HAZARD RATING

Least-0 Slight-1 Moderate-2  
High-3 Extreme-4

## VI. TRANSPORTATION AND STORAGE

### Storage Conditions:

Store in accordance with National Fire Protection Association regulations.

### Shipping Information:

DOT: Not Regulated

IATA/IMO: Not Restricted

## VII. HEALTH HAZARD INFORMATION

### Exposure Limits

PEL: None Established

TLV: None Established

### Hazardous Materials Identification System (HMIS) Ratings

Health 1 Fire 1 Reactivity 0

Primary Routes of Exposure/Entry: Skin.

### Signs and Symptoms of Exposure/Medical Conditions Aggravated by Exposure:

Mouse skin painting studies have shown that highly solvent-refined petroleum distillates similar to ingredients in this product have not caused skin tumors. The product does not pose a significant health hazard but, as with many petroleum products, poor hygienic practices or inadequate engineering design that allow prolonged or repeated exposure may cause minor skin irritation.

Laboratory studies with mice have shown that "used" motor oil applied repeatedly to the skin caused skin cancer. In these studies, the "used" motor oil was not removed between applications. Health hazards to "used" motor oil can be minimized by avoiding prolonged skin contact.

### Carcinogenicity:

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by OSHA, IARC, or NTP at a concentration greater than 0.1%.

## VIII. EMERGENCY AND FIRST AID INFORMATION

**Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**Skin:** In case of contact, immediately wash skin with soap and plenty of water. If irritation develops, consult a physician.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion:** If swallowed, do not induce vomiting. Immediately give two glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

**Notes to Physician:** Activated charcoal slurry may be administered. To prepare activated charcoal slurry, suspend 50 grams activated charcoal in 400mL water and mix thoroughly. Administer 5mL/kg, or 350mL, for an average adult.

## IX. SPILL, LEAK AND DISPOSAL INFORMATION

**In Case of Spill or Leak:** Contain spill immediately in smallest possible area. Recover as much of the product as possible by such methods as vacuuming, followed by recovering residual fluids by using absorbent materials. Nonrecoverable product, contaminated soil, debris and other materials should be placed in proper containers for ultimate disposal. Avoid washing, draining or directing material to storm or sanitary sewers.

**NOTE:** Review FIRE AND EXPLOSION HAZARDS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

**Waste Disposal Method:** Recycle as much of the recoverable product as possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

## X. PRECAUTIONARY MEASURES

**Respiratory Protection:** None required except under unusual circumstances such as described in Section V.

**Ventilation:** Normal shop ventilation.

**Protective Gloves:** Should be worn when the potential exists for prolonged or repeated skin exposure. NBR or neoprene recommended.

**Eye Protection:** Safety glasses with side shields if splashing is probable.

**Other Protective Equipment:** Coveralls if splashing is probable.

**Other Precautions:** Avoid any prolonged or repeated skin contact with "used" motor oil. Wash thoroughly with soap and water after contact.

## XI. REGULATORY INFORMATION

### FEDERAL REGULATIONS

CERCLA, 40 CFR 302  
Not Applicable

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986, TITLE III  
SECTIONS 302, 304, 311, 312, 313**

**SECTION 302/304 - Extremely Hazardous Substances (40 CFR 355)**

The material is not known to contain extremely hazardous substances at greater than 1.0% concentration; however, it is possible that this material may contain extremely hazardous substances at a lower concentration so that a large enough spill could warrant an Emergency Release Report under Section 304.

**SECTION 311/312 - MSDS and Chemical Inventory Reporting Requirements (40 CFR 370)**

The material should be reported under the following EPA hazard categories:

- |  |   |
|--|---|
| <input type="checkbox"/> Immediate (Acute) Health Hazard | <input type="checkbox"/> Sudden Release of Pressure |
| <input type="checkbox"/> Delayed (Chronic) Health Hazard | <input type="checkbox"/> Reactive                   |
| <input type="checkbox"/> Fire                            | <input checked="" type="checkbox"/> Not Hazardous   |

**NOTE:** See Section II for the concentration of any ingredients classified as hazardous by OSHA.

**SECTION 313 - List of Toxic Chemicals (40 CFR 372)**

The material is not known to contain chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and is not subject to toxic chemical release reporting requirements.

**TOXIC SUBSTANCES CONTROL ACT (TSCA), 40 CFR 710**

This material is a mixture as defined by TSCA. The chemical ingredients in this material are in Section 8(b) Chemical Substance Inventory and/or are otherwise in compliance with TSCA. In the case of ingredients obtained from other manufacturers, Conoco relies on the assurance of responsible third parties in providing this statement.

**RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), 40 CFR 261, SUBPART C AND D**

The material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive, ignitable or reactive according to U.S. EPA definitions (40 CFR 261). Additionally, it could be designated as hazardous according to state regulations. This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If such contact or mixing occurs, check 40 CFR 261 to determine whether it is a hazardous waste. If it is a hazardous waste, Regulations 40 CFR 262, 263, 264 and 265 may apply.

**FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 116.4A,**

**SECTION 311**

The material contains the following ingredient(s) which is considered hazardous if spilled in navigable waters.

<u>Ingredient</u>	<u>Reportable Quantity</u>
Petroleum Hydrocarbons	Film or sheen upon or discoloration of the water surface or adjoining shoreline

**HAZARDOUS MATERIALS TRANSPORTATION REGULATIONS, 49 CFR 171-178**

Not Applicable

**STATE REGULATIONS**

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986  
(PROPOSITION 65)**

The material is not known to contain ingredient(s) subject to the Act.

**PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT**

To the best of our knowledge the material is not sold or produced in Pennsylvania. Please notify Conoco at the telephone number noted below if the material results in Pennsylvania commerce.

MSDS Code: MOTC0070

SECTIONS OF MSDS REVISED:

VIII, XI

DATE OF LATEST REVISION/REVIEW:

5/90 - Replaces MSDS dated 3/90

DEPARTMENT RESPONSIBLE FOR MSDS:

Safety, Occupational Health & Environmental Affairs

PRODUCT INFORMATION CONTACT:

Hazard Communication Analyst

Conoco Inc.

(713) 293-5550

The above data are based on tests, experience, and other information which Conoco believes reliable and are supplied for informational purposes only. However, some ingredients may have been purchased or obtained from third-party manufacturers. In these instances, Conoco, in good faith relies on information provided by those third parties. Since conditions of use are outside our control, CONOCO DISCLAIMS ANY LIABILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM THE USE OF THE ABOVE DATA. NOTHING CONTAINED HEREIN SHALL CONSTITUTE A GUARANTEE, WARRANTY (INCLUDING WARRANTY OF MERCHANTABILITY) OR REPRESENTATION (INCLUDING FREEDOM FROM PATENT LIABILITY) BY CONOCO WITH RESPECT TO THE DATA, THE MATERIAL DESCRIBED, OR ITS USE FOR ANY SPECIFIC PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO CONOCO.

RECEIVED JAN 22 1991

ROBERT PADGETT  
GEOSYSTEMS CONSULTANTS  
SUITE 200  
500 COPPER N W  
ALBUQUERQUE

8000023

NM 87102 0000

HERE ARE THE LATEST  
MATERIAL SAFETY DATA SHEETS  
AND/OR SALES SPEC  
FROM  
THE DOW CHEMICAL COMPANY

---

PLEASE REPLACE  
OUTDATED INFORMATION  
WITH THE ENCLOSED

---

FOR FURTHER INFORMATION CONTACT  
ANN L. WAGONER, DOW CHEMICAL U.S.A.,  
CUSTOMER INFORMATION CENTER, 690 BUILDING,  
MIDLAND, MI 48667, OR CALL OUR  
TOLL FREE NUMBER, 1-800-258-CHEM (2436).



# MATERIAL SAFETY DATA SHEET

DOW CHEMICAL U.S.A. MIDLAND, MICHIGAN 48674 EMERGENCY (517) • 636 • 4400

Product Code: 07662

Page: 1

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90 Date Printed: 01/16/91

MSDS:000026

## 1. INGREDIENTS: (% w/w, unless otherwise noted)

Ethylene glycol	CAS# 000107-21-1	>90%
Diethylene glycol	CAS# 000111-46-6	<5%
Dipotassium phosphate	CAS# 007758-11-4	<5%
Water	CAS# 007732-18-5	<5%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

## 2. PHYSICAL DATA:

BOILING POINT: 325F, 163C  
VAP PRESS: Not determined.  
VAP DENSITY: Not determined.  
SOL. IN WATER: Infinite  
SP. GRAVITY: 1.130 @ 60/60F, 16C  
APPEARANCE: Green liquid.  
ODOR: Information not available.

## 3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 265F, 129C  
METHOD USED: PMCC

### FLAMMABLE LIMITS

LFL: Not determined.  
UFL: Not determined.

EXTINGUISHING MEDIA: Water fog, alcohol resistant, foam, CO<sub>2</sub>, dry chemical.

(Continued On Page 2)

(R) Indicates a Trademark of The Dow Chemical Company

# MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A.\* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07662

Page: 2

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90 Date Printed: 01/16/91

MSDS:000026

## 3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

FIRE & EXPLOSION HAZARDS: Autoignition temperature in air is 748F, 398C.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained breathing apparatus.

## 4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Not considered to be a problem under normal storage conditions.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are carbon monoxide, carbon dioxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

## 5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Small spills: Soak up with suitable absorbent material and sweep into drums for disposal. Large spills: Dike around spill and pump into suitable container for disposal or reprocessing.

DISPOSAL METHOD: Burn in an approved incinerator in accordance with all local, state, and federal requirements.

## 6. HEALTH HAZARD DATA:

(Continued On Page 3)

(R) Indicates a Trademark of The Dow Chemical Company

\* An Operating Unit of The Dow Chemical Company

# MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A.\* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07662

Page: 3

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90 Date Printed: 01/16/91

MSDS:000026

## 6. HEALTH HAZARD DATA:

**EYE:** Essentially non-irritating to eyes. Vapors or mists may irritate eyes.

**SKIN CONTACT:** Prolonged or repeated exposure not likely to cause significant skin irritation. May cause more severe response if skin is abraded (scratched or cut).

**SKIN ABSORPTION:** A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The dermal LD50 has not been determined. Repeated skin exposure to large quantities may result in absorption of harmful amounts.

**INGESTION:** Excessive exposure may cause central nervous system effects, cardiopulmonary effects (metabolic acidosis), and kidney failure. Amounts ingested incidental to industrial handling are not likely to cause injury; however ingestion of larger amounts could cause serious injury, even death. The oral LD50 for rats is 8200 mg/kg. Single oral dose toxicity is expected to be moderate to humans even though tests with animals show a lower degree of toxicity.

**INHALATION:** At room temperature, vapors are minimal due to low vapor pressure. If heated or sprayed as an aerosol, concentrations may be attained that are sufficient to cause irritation and other effects.

**SYSTEMIC & OTHER EFFECTS:** Excessive exposure may cause irritation to upper respiratory tract. Observations in animals include formation of bladder stones after repeated oral doses of diethylene glycol. Observations in animals include kidney and liver effects and deposition of calcium salts in various tissues after long-term dietary intake of ethylene glycol. Based on data from long-term animal studies, diethylene glycol is not believed to pose a carcinogenic risk to man. Ethylene glycol

(Continued On Page 4)

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\* An Operating Unit of The Dow Chemical Company

# MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A.\* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07662

Page: 4

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90 Date Printed: 01/16/91

MSDS:000026

## 6. HEALTH HAZARD DATA: (CONTINUED)

did not cause cancer in long-term animal studies. Based on animal studies, ingestion of very large amounts of ethylene glycol appears to be the major and possibly only route of exposure to produce birth defects. Exposures by inhalation (tested nose-only in animals to prevent ingestion) or skin contact, the primary routes of occupational exposure, had minimal or essentially no effect on the fetus. Birth defects are unlikely from exposure to diethylene glycol. Exposures having no adverse effects on the mother should have no effect on the fetus. Diethylene glycol has not interfered with reproduction in animal studies. In studies on rats, ethylene glycol has been shown not to interfere with reproduction. In studies on mice, ingestion of ethylene glycol in large amounts caused a small decrease in the number of litters per pair, live pups per litter and in live pup weight. Results of in vitro ('test tube') mutagenicity tests have been negative.

## 7. FIRST AID:

**EYES:** Irrigate immediately with water for at least five minutes.

**SKIN:** Wash off in flowing water or shower.

**INGESTION:** If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air if effects occur. Consult a physician.

**NOTE TO PHYSICIAN:** If burn is present, treat as any thermal burn, after decontamination. Consult standard literature. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient. In treatment of intoxication, the

(Continued On Page 5)

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# MATERIAL SAFETY DATA SHEET

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Dow Chemical U.S.A.\* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07662

Page: 5

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90 Date Printed: 01/16/91

MSDS:000026

## 7. FIRST AID: (CONTINUED)

use of ethanol, hemodialysis and intravenous fluids to control acidosis should be considered (N Eng J Med 304:21 1981).

## 8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE: ACGIH TLV is 50 ppm Ceiling for ethylene glycol.

VENTILATION: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.

SKIN PROTECTION: Use impervious gloves when prolonged or frequently repeated contact could occur.

EYE PROTECTION: Use safety glass. If vapor exposure causes eye discomfort, use a full-face respirator.

## 9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid skin and eye contact. Avoid ingestion. Avoid breathing vapors or mists.

Trace quantities of ethylene oxide (EO) may be present in this product. While these trace quantities could accumulate in headspace areas of storage and transport vessels, they are not

(Continued On Page 6)

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**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

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Dow Chemical U.S.A.\*    Midland, MI 48674    Emergency Phone: 517-636-4400

Product Code: 07662

Page: 6

Product Name: **AMBITROL (R) CN COOLANT**

Effective Date: 06/08/90    Date Printed: 01/16/91

MSDS:000026

**9. ADDITIONAL INFORMATION: (CONTINUED)**

expected to create a condition which will result in EO concentrations greater than 0.5 ppm (8 hour TWA) in the breathing zones of the workplace for appropriate applications. OSHA has established a permissible exposure limit of 1.0 ppm 8 hr TWA for EO. (Code of Federal Regulations Part 1910.1047 of Title 29).

MSDS STATUS: Revised section 9 and regsheet.

(Continued On Page 7)

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**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

Dow Chemical U.S.A.\*    Midland, MI 48674    Emergency Phone: 517-636-4400

Product Code: 07662

Page: 7

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90    Date Printed: 01/16/91

MSDS:000026

**REGULATORY INFORMATION:** (Not meant to be all-inclusive--selected regulations represented.)

**NOTICE:** The information herein is presented in good faith and believed to be accurate as the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

**U.S. REGULATIONS**  
-----

**SARA 313 INFORMATION:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

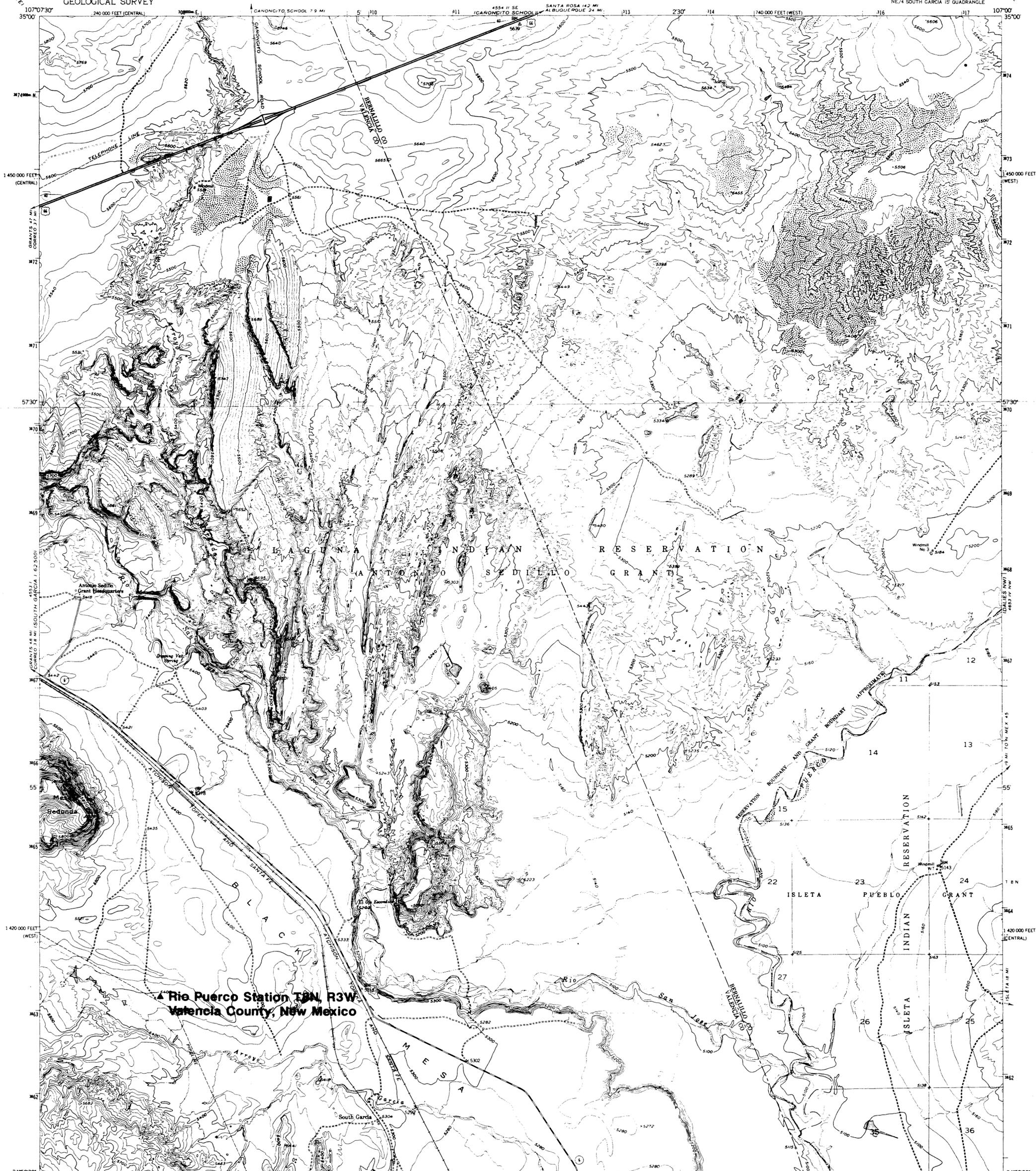
CHEMICAL NAME	CAS NUMBER	CONCENTRATION
ETHYLENE GLYCOL	000107-21-1	90 %

**SARA HAZARD CATEGORY:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard  
A delayed health hazard

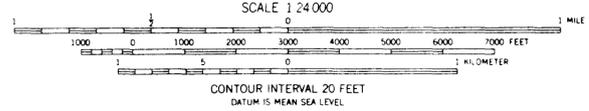
(R) Indicates a Trademark of The Dow Chemical Company  
The Information Herein Is Given In Good Faith, But No Warranty, Express Or Implied, Is Made. Consult The Dow Chemical Company For Further Information.

\* An Operating Unit of The Dow Chemical Company



**Rio Puerco Station T8N, R3W**  
**Valencia County, New Mexico**

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1951. Field check 1954  
Polyconic projection. 1927 North American datum  
10,000-foot grids based on New Mexico coordinate system,  
west and central zones  
1000-meter Universal Transverse Mercator grid ticks,  
zone 13, shown in blue  
Revisions shown in purple compiled from aerial photographs  
taken 1971. This information not field checked



CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U S Route
	State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

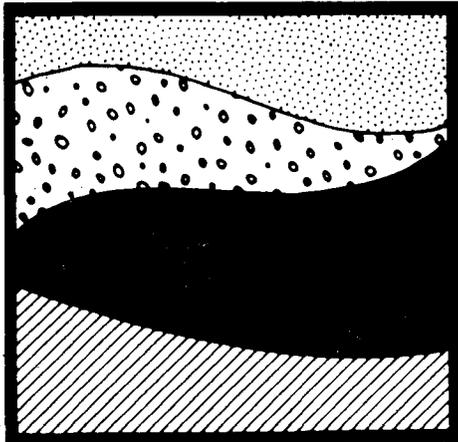
95 21 12 25  
MAY 0 1 1991

**Plate 1**  
**Rio Puerco Station**

SOUTH GARCIA, N. M.  
NE 1/4 SOUTH GARCIA 15' QUADRANGLE  
N3452.5-W10700/7.5  
1954  
PHOTOREVISED 1971  
AMS 4553 1 NE-SERIES V881



**GCL**



OIL CONSERVATION DIVISION  
RECEIVED

'91 MAR 26 AM 9 52

**Rio Puerco Compressor Station  
Discharge Plan**

*March 25, 1991*

*Prepared for:*

*Gas Company of New Mexico  
P.O. Box 1899  
Bloomfield, NM 87413*

*Prepared by:*

**GEOSCIENCE CONSULTANTS, LTD**

**CORPORATE OFFICE  
SOUTHWEST REGIONAL OFFICE  
500 Copper Avenue, NW  
Suite 200  
Albuquerque, New Mexico 87102  
(505) 842-0001  
FAX (505) 842-0595**

**ROCKY MOUNTAIN REGIONAL OFFICE  
13111 E. Briarwood Avenue  
Suite 250  
Englewood, CO 80112  
(303) 649-9001  
FAX (303) 649-9004**

**EASTERN REGIONAL OFFICE  
4221 Forbes Boulevard  
Suite 240  
Lanham, MD 20706  
(301) 459-9677  
FAX (301) 459-3064**

## Table of Contents

I. General Information .....	1
II. Plant Processes .....	4
III. Effluent Disposal .....	5
IV. Site Characteristics .....	6
V. Additional Information .....	6

**List of Appendices**

**Appendix**

- A Material Safety Data Sheets

**List of Plates**

**Plate**

- 1 Rio Puerco Station
- 2 Rio Puerco Site Diagram

**Gas Company of New Mexico**  
**Rio Puerco Compressor Station**

---

*Geoscience Consultants, Ltd.*

This document follows the format presented in "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants."

**I. General Information**

**A. Name of Discharger or Legally Responsible Party:**

Gas Company of New Mexico  
P.O. Box 1899  
Bloomfield, NM 87413  
(505) 632-3311

**B. Name of Local Representative or Contact Person:**

L. B. Dean, Plant Manager  
Gas Company of New Mexico  
P.O. Box 1899  
Bloomfield, NM 87413  
(505) 632-3311

**C. Location of Discharge:**

Township 8 North, Range 3 West, NMPM  
UTM East 307500, UTM North 3863000  
Valencia County, NM (plate 1)

**D. Types of Natural Gas Operation:**

Field compression facility, which will be used for the transmission of pipeline quality gas (plate 2).

Process: Pipeline quality gas enters the station at a pressure of 400 psig. The natural gas will be compressed to 900 psig and discharged into a pipeline leaving the station.

**Design Conditions:**

**Single Stage Compression**

Gas Volume	70-80 MMSCFD
Oper. Press	400-900 psig
Station hp	2,754 hp

**Gas Company of New Mexico  
Rio Puerco Compressor Station**

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*Geoscience Consultants, Ltd.*

E. Copies:

Three copies of Discharge Plan are submitted to OCD as required.

Gas Company of New Mexico  
Rio Puerco Compressor Station

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*Geoscience Consultants, Ltd.*

F. Affirmation:

"I hereby certify that I am familiar with the information contained in and submitted with this discharge plan and that such information is true, accurate, and complete to the best of my knowledge and belief."

J. B. Dean  
Signature

3-6-91  
Date

L. B. DEAN  
Printed Name of Person Signing Document

PLANT MGR.  
Title

# Gas Company of New Mexico Rio Puerco Compressor Station

*Geoscience Consultants, Ltd.*

## II. Plant Processes

### A. Sources and Quantities of Effluent and Process Fluids

The natural gas stream entering the plant is a very lean gas with greater than 90% methane by volume.

1. Fresh water will be used to clean or wash-down the compressors and engines. Contaminants in the water consists of dirt and small amounts of lubricating oil that may spill onto the concrete compressor pads during routine maintenance. The usage rate of wash-down water is estimated at 10 gallons per month.
2. During routine maintenance of the compressor engines, the oil in the engines will be changed approximately every 1,000 hours, at a oil usage rate of 100 gallons per month.
3. A glycol coolant is added to the compressors as evaporation takes place. The replacement rate of the coolant is estimated to be 4.2 gallons per month.

### B. Quality Characteristics

1. Conoco El Mar 3000 engine oil is used as the lubricating oil for the compressor engines. Refer to the Material Safety Data Sheets (MSDS) in the appendix B for a description of this product.
2. Dow Chemical Ambitrol CN coolant is used as the coolant for the compressor engines. Refer to the Material Safety Data Sheets (MSDS) in the appendix B for a description of this product.

### C. Transfer and Storage of Process Fluids and Effluents

1. All pressure vessels in this plant conform to ASME Code. All process piping will be hydrotested, designed, and fabricated per ASME B31.3 Code. All pressure piping welds will be 100% x-rayed. Maximum operating pressures for the pipelines are suction, 600 psia; and discharge, 913 psia.
2. New and used engine oil is stored in above-grade steel tanks located within a dirt berm. The new engine oil is stored in a 1000 gallon tank, elevated approximately 10 feet above grade and above the used oil tank. The used engine oil is stored in a 120 gallon above-grade steel tank located immediately below the new oil tank. The bermed area is able to contain 1 1/2 times the volume of the largest tank.

## Gas Company of New Mexico Rio Puerco Compressor Station

*Geoscience Consultants, Ltd.*

Small quantities of wash-down water will be entirely contained on the concrete compressor pads.

3. Ambitrol CN coolant is stored in a 300 gallon above-grade steel tank located within a dirt berm separate from the berm surrounding the oil tanks. The bermed area is able to contain 1 1/2 times the volume of the largest tank.

Additional Ambitrol is stored in a small saddle tank located on each compressor. Leakage from these saddle tanks will be contained on the concrete compressor pads.

### D. Spill/Leak Prevention and Housekeeping Procedures

1. All operations personnel have been instructed to handle process fluid spills or leaks as follows:
  - Small spills: Cover with sand to soak up fluid and shoveled into drums for OCD approved disposal.
  - Large spills: Dike around spill and pump into drums. Call vacuum truck if necessary.
  - Any spill large enough to require a dike to contain it will be reported immediately by phone to the OCD. Verbal and written notification of leaks or spills will be made to OCD in accordance with OCD Rule 116.
2. Each aboveground tank will be located within a bermed area with a capacity of at least 1-1/2 times the volume of the largest tank.
3. A daily walk-through inspection will be performed by the compressor station operator.
4. All areas identified during operation as susceptible to leaks or spills will be paved, bermed, or otherwise contained to prevent the discharge of any effluents.

### III. Effluent Disposal

1. All effluents from this site will be collected by a recycling contractor. This contractor will be approved by the New Mexico Environmental Improvement Division for the hauling and final disposition of the effluents.

## Gas Company of New Mexico Rio Puerco Compressor Station

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*Geoscience Consultants, Ltd.*

2. The shipping agent contracted for off-site disposal is Mesa Oil, Inc., 4701 Broadway Boulevard SE, Albuquerque, New Mexico.

#### IV. Site Characteristics

##### A. Hydrologic Features:

Based on well information from the New Mexico State Engineers office, estimated depth to ground water at the site is 80 feet.

The ground water aquifer in this area is most likely in the Entrada sandstone. Total dissolved solids (TDS) concentration is estimated at 1050 mg/l.

##### B. Geologic Description of Discharge Site

A soil survey was performed by Western Technologies, Inc., 8305 Washington Place, N.E., Albuquerque, New Mexico, 87113. Geotechnical borings were drilled to a depth of 21 feet. From 0-5 feet, soil borings encountered silty sand; primarily fine-grained, medium dense with slight cementation. At 5 feet soil characteristics are clayey with moderate cementation, and at 10 feet soil characteristics are weathered shaley sandstone, very dense and red.

##### C. Flood Protection

Flood potential is very unlikely and flood protection is not necessary.

#### V. Additional Information

Produced water will not be present in the pipeline because all gas transported through this system will be a marketable, methane rich, pipeline quality gas.

Contractors used for the hauling and final disposal of the compressor oil will be approved by the New Mexico Environmental Improvement Division.

0407/RIOPUERC.DOC

**Appendix A**

**Material Safety Data Sheets**

# Material Safety Data Sheet

CONOCO

Emergency Medical Telephone (800) 441-3637

## EL MAR® 3000 ENGINE OIL

### I. MATERIAL IDENTIFICATION

Name El Mar® 3000 Engine Oil	CAS Registry Number Mixture; See Section XI	Transportation Emergency Phone 1-(800) 424-9300 (Chemtrec)
Chemical Family Petroleum Hydrocarbon	Grade SAE 30, 40, 15W-40	
Product Use Industrial Gas Engine Oil	Product Code 7513/7514/7515	

### II. OSHA HAZARD DETERMINATION

The material is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Refer to Section XI of this MSDS for other federal and state regulatory information.

### III. PHYSICAL DATA

Appearance and Odor Brown liquid; Mild petroleum hydrocarbon odor	Specific Gravity (H <sub>2</sub> O=1) 0.90
Boiling Point/Range 700° - 1100°F	% Volatiles (by volume) Nil
Vapor Pressure Nil	Solubility in Water Insoluble
Vapor Density (Air = 1.0) >1	Evaporation Rate Nil

### IV. REACTIVITY DATA

Stable: X Unstable:    

Hazardous Decomposition Materials: Hazardous gases/vapors produced are carbon dioxide; incomplete combustion may produce carbon monoxide.

Conditions to Avoid: Strong oxidizing materials, heat, flame.

Hazardous Polymerization: Will not occur.

V. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method used): 370°F (PMCC)

Autoignition Temperature: 680°F

Handle and store in accordance with NFPA procedure for Class IIIB Combustible Liquid.

Extinguishing Media: Use water spray, dry chemical, CO<sub>2</sub>, foam.

Special Fire Fighting Procedures: Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.

Unusual Fire and Explosion Hazards: Products of combustion may contain carbon monoxide, carbon dioxide and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

National Fire Protection Association (NFPA) Classification

Health 0 Fire 1 Reactivity 0

HAZARD RATING

Least-0 Slight-1 Moderate-2

High-3 Extreme-4

VI. TRANSPORTATION AND STORAGE

Storage Conditions:

Store in accordance with National Fire Protection Association regulations.

Shipping Information:

DOT: Not Regulated

IATA/IMO: Not Restricted

VII. HEALTH HAZARD INFORMATION

Exposure Limits

PEL: None Established

TLV: None Established

Hazardous Materials Identification System (HMIS) Ratings

Health 1 Fire 1 Reactivity 0

Primary Routes of Exposure/Entry: Skin.

Signs and Symptoms of Exposure/Medical Conditions Aggravated by Exposure:

Mouse skin painting studies have shown that highly solvent-refined petroleum distillates similar to ingredients in this product have not caused skin tumors. The product does not pose a significant health hazard but, as with many petroleum products, poor hygienic practices or inadequate engineering design that allow prolonged or repeated exposure may cause minor skin irritation.

Laboratory studies with mice have shown that "used" motor oil applied repeatedly to the skin caused skin cancer. In these studies, the "used" motor oil was not removed between applications. Health hazards to "used" motor oil can be minimized by avoiding prolonged skin contact.

Carcinogenicity:

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by OSHA, IARC, or NTP at a concentration greater than 0.1%.

## VIII. EMERGENCY AND FIRST AID INFORMATION

**Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**Skin:** In case of contact, immediately wash skin with soap and plenty of water. If irritation develops, consult a physician.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion:** If swallowed, do not induce vomiting. Immediately give two glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

**Notes to Physician:** Activated charcoal slurry may be administered. To prepare activated charcoal slurry, suspend 50 grams activated charcoal in 400mL water and mix thoroughly. Administer 5mL/kg, or 350mL, for an average adult.

## IX. SPILL, LEAK AND DISPOSAL INFORMATION

**In Case of Spill or Leak:** Contain spill immediately in smallest possible area. Recover as much of the product as possible by such methods as vacuuming, followed by recovering residual fluids by using absorbent materials. Nonrecoverable product, contaminated soil, debris and other materials should be placed in proper containers for ultimate disposal. Avoid washing, draining or directing material to storm or sanitary sewers.

**NOTE:** Review FIRE AND EXPLOSION HAZARDS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

**Waste Disposal Method:** Recycle as much of the recoverable product as possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

## X. PRECAUTIONARY MEASURES

**Respiratory Protection:** None required except under unusual circumstances such as described in Section V.

**Ventilation:** Normal shop ventilation.

**Protective Gloves:** Should be worn when the potential exists for prolonged or repeated skin exposure. NBR or neoprene recommended.

**Eye Protection:** Safety glasses with side shields if splashing is probable.

**Other Protective Equipment:** Coveralls if splashing is probable.

**Other Precautions:** Avoid any prolonged or repeated skin contact with "used" motor oil. Wash thoroughly with soap and water after contact.

## XI. REGULATORY INFORMATION

### FEDERAL REGULATIONS

CERCLA, 40 CFR 302

Not Applicable

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986, TITLE III  
SECTIONS 302, 304, 311, 312, 313**

**SECTION 302/304 - Extremely Hazardous Substances (40 CFR 355)**

The material is not known to contain extremely hazardous substances at greater than 1.0% concentration; however, it is possible that this material may contain extremely hazardous substances at a lower concentration so that a large enough spill could warrant an Emergency Release Report under Section 304.

**SECTION 311/312 - MSDS and Chemical Inventory Reporting Requirements (40 CFR 370)**

The material should be reported under the following EPA hazard categories:

- |  |   |
|--|---|
| <input type="checkbox"/> Immediate (Acute) Health Hazard | <input type="checkbox"/> Sudden Release of Pressure |
| <input type="checkbox"/> Delayed (Chronic) Health Hazard | <input type="checkbox"/> Reactive                   |
| <input type="checkbox"/> Fire                            | <input checked="" type="checkbox"/> Not Hazardous   |

NOTE: See Section II for the concentration of any ingredients classified as hazardous by OSHA.

**SECTION 313 - List of Toxic Chemicals (40 CFR 372)**

The material is not known to contain chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and is not subject to toxic chemical release reporting requirements.

**TOXIC SUBSTANCES CONTROL ACT (TSCA), 40 CFR 710**

This material is a mixture as defined by TSCA. The chemical ingredients in this material are in Section 8(b) Chemical Substance Inventory and/or are otherwise in compliance with TSCA. In the case of ingredients obtained from other manufacturers, Conoco relies on the assurance of responsible third parties in providing this statement.

**RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), 40 CFR 261, SUBPART C AND D**

The material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive, ignitable or reactive according to U.S. EPA definitions (40 CFR 261). Additionally, it could be designated as hazardous according to state regulations. This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If such contact or mixing occurs, check 40 CFR 261 to determine whether it is a hazardous waste. If it is a hazardous waste, Regulations 40 CFR 262, 263, 264 and 265 may apply.

**FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 116.4A,  
SECTION 311**

The material contains the following ingredient(s) which is considered hazardous if spilled in navigable waters.

<u>Ingredient</u>	<u>Reportable Quantity</u>
Petroleum Hydrocarbons	Film or sheen upon or discoloration of the water surface or adjoining shoreline

**HAZARDOUS MATERIALS TRANSPORTATION REGULATIONS, 49 CFR 171-178**

Not Applicable

**STATE REGULATIONS**

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986  
(PROPOSITION 65)**

The material is not known to contain ingredient(s) subject to the Act.

**PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT**

To the best of our knowledge the material is not sold or produced in Pennsylvania. Please notify Conoco at the telephone number noted below if the material results in Pennsylvania commerce.

MSDS Code: MOTC0070

**SECTIONS OF MSDS REVISED:**

**DATE OF LATEST REVISION/REVIEW:**

**DEPARTMENT RESPONSIBLE FOR MSDS:**

**PRODUCT INFORMATION CONTACT:**

**VIII, XI**

5/90 - Replaces MSDS dated 3/90

Safety, Occupational Health & Environmental Affairs

Hazard Communication Analyst

Conoco Inc.

(713) 293-5550

The above data are based on tests, experience, and other information which Conoco believes reliable and are supplied for informational purposes only. However, some ingredients may have been purchased or obtained from third-party manufacturers. In these instances, Conoco, in good faith relies on information provided by those third parties. Since conditions of use are outside our control, CONOCO DISCLAIMS ANY LIABILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM THE USE OF THE ABOVE DATA. NOTHING CONTAINED HEREIN SHALL CONSTITUTE A GUARANTEE, WARRANTY (INCLUDING WARRANTY OF MERCHANTABILITY) OR REPRESENTATION (INCLUDING FREEDOM FROM PATENT LIABILITY) BY CONOCO WITH RESPECT TO THE DATA, THE MATERIAL DESCRIBED, OR ITS USE FOR ANY SPECIFIC PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO CONOCO.

RECEIVED JAN 22 1991

ROBERT PADGETT  
GEOSYSTEMS CONSULTANTS  
SUITE 200  
500 COPPER N W  
ALBUQUERQUE

B000023

NM 87102 0000

HERE ARE THE LATEST  
MATERIAL SAFETY DATA SHEETS  
AND/OR SALES SPEC  
FROM  
THE DOW CHEMICAL COMPANY

---

PLEASE REPLACE  
OUTDATED INFORMATION  
WITH THE ENCLOSED

---

*FOR FURTHER INFORMATION CONTACT  
ANN L. WAGONER, DOW CHEMICAL U.S.A.,  
CUSTOMER INFORMATION CENTER, 690 BUILDING,  
MIDLAND, MI 48667, OR CALL OUR  
TOLL FREE NUMBER, 1-800-258-CHEM (2436).*



# MATERIAL SAFETY DATA SHEET

DOW CHEMICAL U.S.A. MIDLAND, MICHIGAN 48674 EMERGENCY (517) • 636 • 4400

Product Code: 07662

Page: 1

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90 Date Printed: 01/16/91

MSDS:000026

## 1. INGREDIENTS: (% w/w, unless otherwise noted)

Ethylene glycol	CAS# 000107-21-1	>90%
Diethylene glycol	CAS# 000111-46-6	<5%
Dipotassium phosphate	CAS# 007758-11-4	<5%
Water	CAS# 007732-18-5	<5%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

## 2. PHYSICAL DATA:

BOILING POINT: 325F, 163C  
VAP PRESS: Not determined.  
VAP DENSITY: Not determined.  
SOL. IN WATER: Infinite  
SP. GRAVITY: 1.130 @ 60/60F, 16C  
APPEARANCE: Green liquid.  
ODOR: Information not available.

## 3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 265F, 129C  
METHOD USED: PMCC

FLAMMABLE LIMITS  
LFL: Not determined.  
UFL: Not determined.

EXTINGUISHING MEDIA: Water fog, alcohol resistant, foam, CO2, dry chemical.

(Continued On Page 2)

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Product Code: 07662

Page: 2

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90    Date Printed: 01/16/91

MSDS:000026

## 3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

FIRE & EXPLOSION HAZARDS: Autoignition temperature in air is  
748F, 398C.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained  
breathing apparatus.

## 4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Not considered to be a problem  
under normal storage conditions.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing  
material.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are  
carbon monoxide, carbon dioxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

## 5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Small spills: Soak up with  
suitable absorbent material and sweep into drums for disposal.  
Large spills: Dike around spill and pump into suitable  
container for disposal or reprocessing.

DISPOSAL METHOD: Burn in an approved incinerator in accordance  
with all local, state, and federal requirements.

## 6. HEALTH HAZARD DATA:

(Continued On Page 3)

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Page: 4

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90    Date Printed: 01/16/91

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## 6. HEALTH HAZARD DATA: (CONTINUED)

did not cause cancer in long-term animal studies. Based on animal studies, ingestion of very large amounts of ethylene glycol appears to be the major and possibly only route of exposure to produce birth defects. Exposures by inhalation (tested nose-only in animals to prevent ingestion) or skin contact, the primary routes of occupational exposure, had minimal or essentially no effect on the fetus. Birth defects are unlikely from exposure to diethylene glycol. Exposures having no adverse effects on the mother should have no effect on the fetus. Diethylene glycol has not interfered with reproduction in animal studies. In studies on rats, ethylene glycol has been shown not to interfere with reproduction. In studies on mice, ingestion of ethylene glycol in large amounts caused a small decrease in the number of litters per pair, live pups per litter and in live pup weight. Results of in vitro ('test tube') mutagenicity tests have been negative.

## 7. FIRST AID:

**EYES:** Irrigate immediately with water for at least five minutes.

**SKIN:** Wash off in flowing water or shower.

**INGESTION:** If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air if effects occur. Consult a physician.

**NOTE TO PHYSICIAN:** If burn is present, treat as any thermal burn, after decontamination. Consult standard literature. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient. In treatment of intoxication, the

(Continued On Page 5)

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Product Code: 07662

Page: 5

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90    Date Printed: 01/16/91

MSDS:000026

## 7. FIRST AID: (CONTINUED)

use of ethanol, hemodialysis and intravenous fluids to control acidosis should be considered (N Eng J Med 304:21 1981).

## 8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE: ACGIH TLV is 50 ppm Ceiling for ethylene glycol.

VENTILATION: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.

SKIN PROTECTION: Use impervious gloves when prolonged or frequently repeated contact could occur.

EYE PROTECTION: Use safety glass. If vapor exposure causes eye discomfort, use a full-face respirator.

## 9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid skin and eye contact. Avoid ingestion. Avoid breathing vapors or mists.

Trace quantities of ethylene oxide (EO) may be present in this product. While these trace quantities could accumulate in headspace areas of storage and transport vessels, they are not

(Continued On Page 6)

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Product Code: 07662

Page: 6

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90    Date Printed: 01/16/91

MSDS:000026

**9. ADDITIONAL INFORMATION: (CONTINUED)**

expected to create a condition which will result in EO concentrations greater than 0.5 ppm (8 hour TWA) in the breathing zones of the workplace for appropriate applications. OSHA has established a permissible exposure limit of 1.0 ppm 8 hr TWA for EO. (Code of Federal Regulations Part 1910.1047 of Title 29).

MSDS STATUS: Revised section 9 and regsheet.

(Continued On Page 7)

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# MATERIAL SAFETY DATA SHEET

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Product Code: 07662

Page: 7

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90 Date Printed: 01/16/91

MSDS:000026

**REGULATORY INFORMATION:** (Not meant to be all-inclusive--selected regulations represented.)

**NOTICE:** The information herein is presented in good faith and believed to be accurate as the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

## U.S. REGULATIONS

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**SARA 313 INFORMATION:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

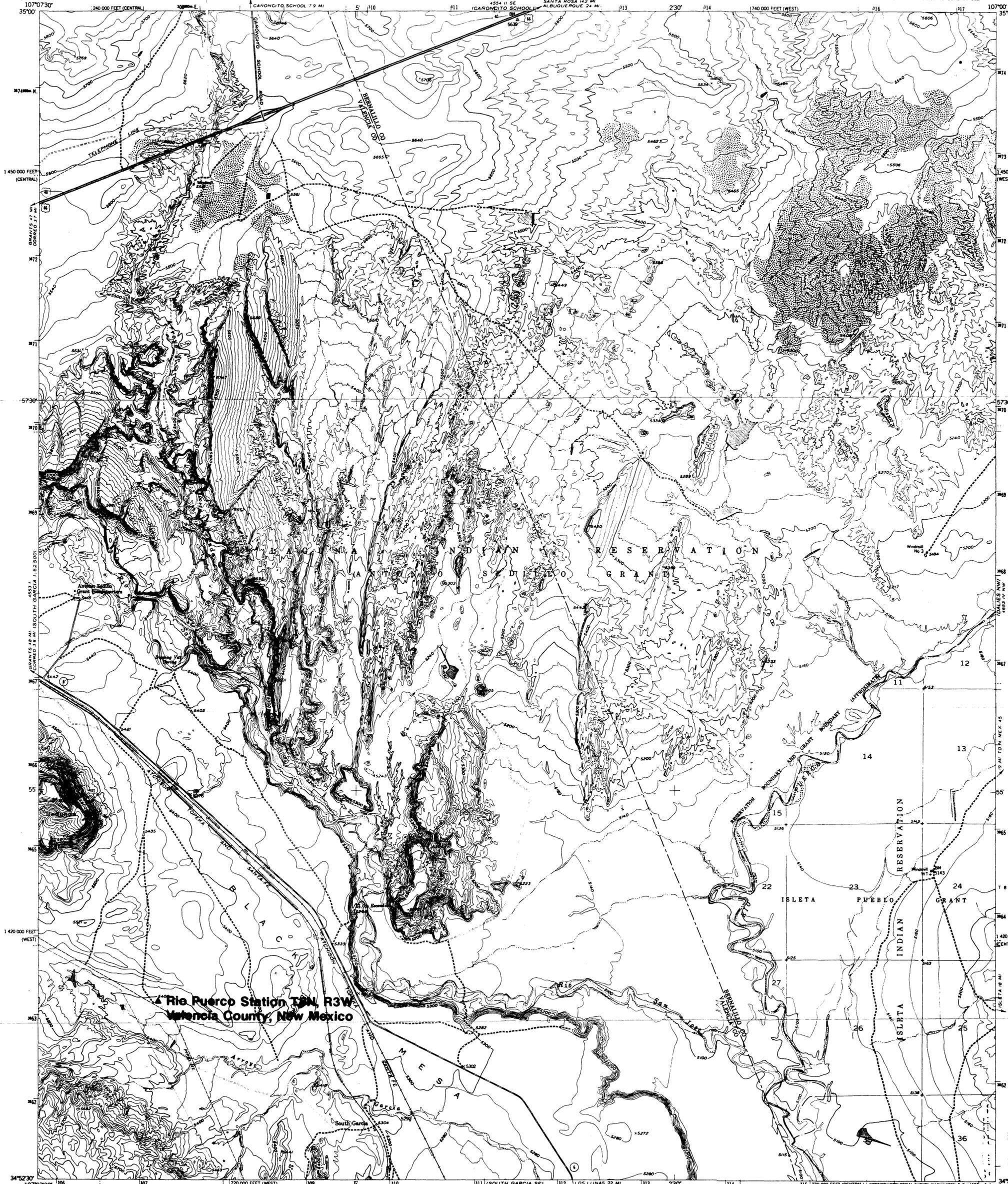
CHEMICAL NAME	CAS NUMBER	CONCENTRATION
ETHYLENE GLYCOL	000107-21-1	90 %

**SARA HAZARD CATEGORY:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard  
A delayed health hazard

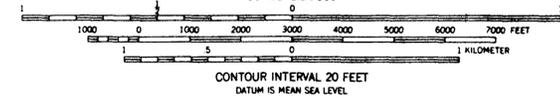
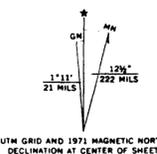
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**▲ Rio Puerco Station T8N, R3W  
Valencia County, New Mexico**

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1951. Field check 1954  
Polyconic projection, 1927 North American datum  
10,000-foot grids based on New Mexico coordinate system,  
west and central zones  
1000-meter Universal Transverse Mercator grid ticks,  
zone 13, shown in blue  
Revisions shown in purple compiled from aerial photographs  
taken 1971. This information not field checked



ROAD CLASSIFICATION

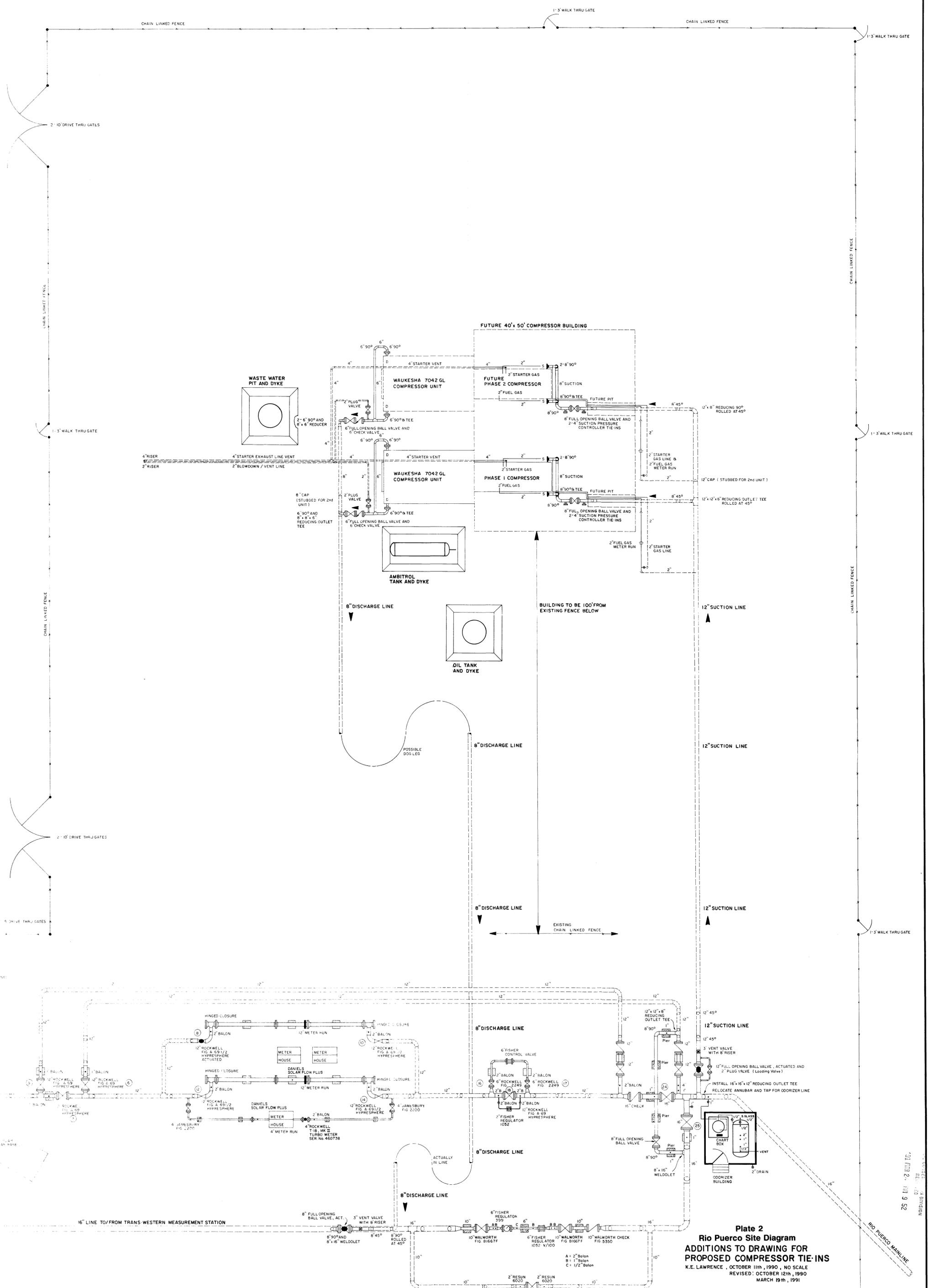
Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

**Plate 1**  
**Rio Puerco Station**

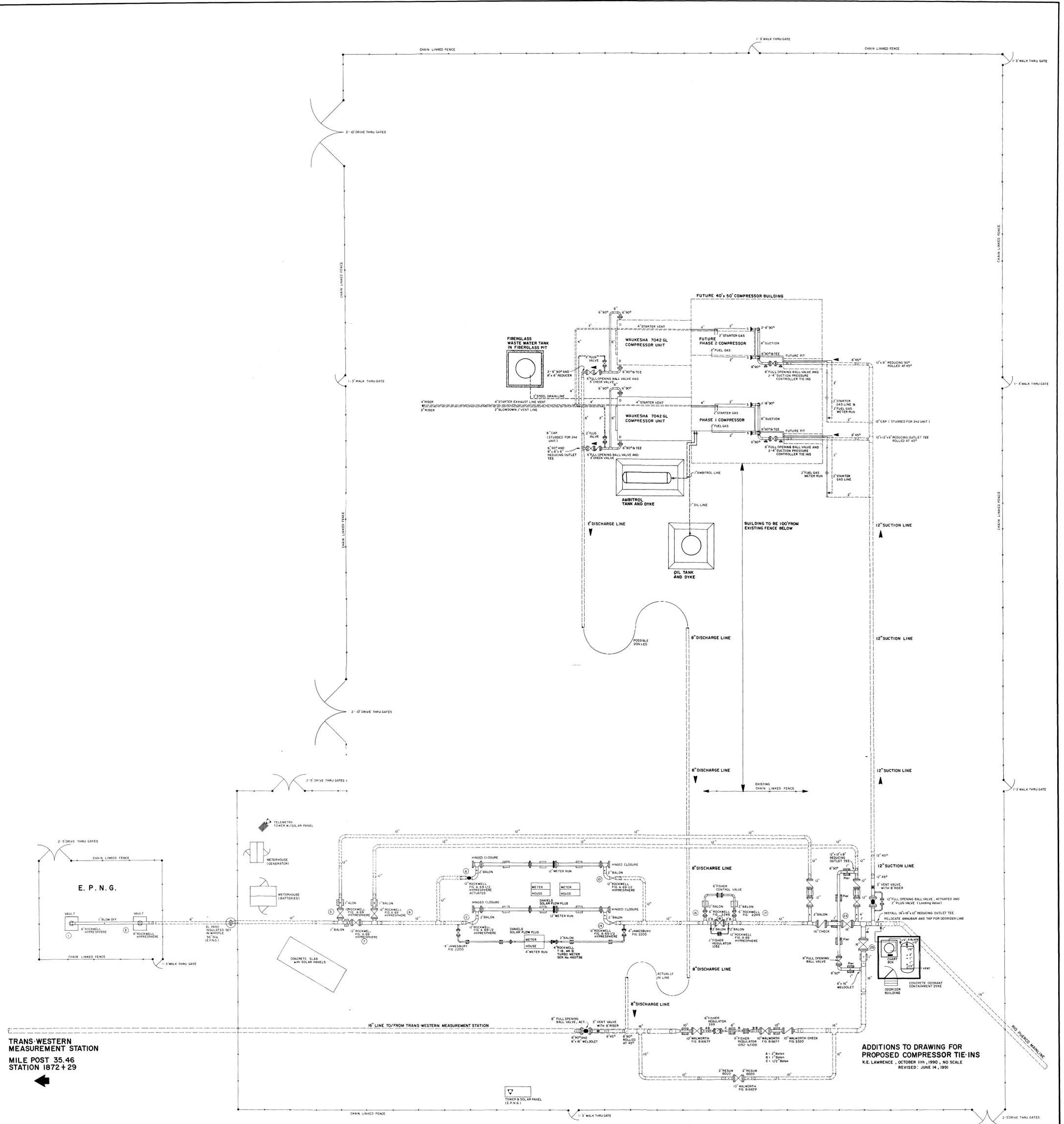
SOUTH GARCIA, N. MEX.  
NE/4 SOUTH GARCIA 15' QUADRANGLE  
N3452.5-W10700/7.5  
1954  
PHOTOREVISED 1971  
AMS 4553 1 NE-SERIES V881



**Plate 2**  
**Rio Puerco Site Diagram**  
**ADDITIONS TO DRAWING FOR**  
**PROPOSED COMPRESSOR TIE-INS**  
 K.E. LAWRENCE, OCTOBER 11th, 1990, NO SCALE  
 REVISED: OCTOBER 12th, 1990  
 MARCH 19th, 1991

DIVISION  
 9 52

RIO PUERCO MAINLINE



TRANS-WESTERN  
MEASUREMENT STATION  
MILE POST 35.46  
STATION 1872+29

ADDITIONS TO DRAWING FOR  
PROPOSED COMPRESSOR TIE-INS  
K.E. LAWRENCE, 1 OCTOBER 1990, NO SCALE  
REVISED: JUNE 14, 1991

MILE POST 35.20  
STATION 1859+00

<b>GAS COMPANY OF NEW MEXICO</b>	
<b>RIO PUERCO MAINLINE TIE-IN TO E.P.N.G. (MESA REDONDA)</b>	
SCALE: 1/8" = 1' FOOT	DATE: FEB. 3/83
DRAWN BY: K.E. LAWRENCE	CHECKED BY: N. WEBSTER
REVISED: MAY 02/91 K.L.	REVISED: JUN 14/91 K.L.

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