

GW - 8A

**GENERAL
CORRESPONDENCE**

YEAR(S):
2007-1991



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

January 10, 2007

Mr. John Steenberg
Transwestern Pipeline Company
Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, New Mexico 87110

**Re: Discharge Permit GW-084 Renewal
Transwestern Pipeline Company
San Juan Compressor Station
San Juan County, New Mexico**

Dear Mr. Steenberg:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the Transwestern Pipeline Company (owner/operator) San Juan Compressor Station GW-084 located in the NW/4 of Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, under the conditions specified in the enclosed **Attachment To The Discharge Permit**. 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 30 working days of receipt of this letter including permit fees.**

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If you have any questions, please contact Brad A Jones of my staff at (505) 476-3487 or E-mail brad.a.jones@state.nm.us. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

A handwritten signature in black ink that reads "Wayne Price".

Wayne Price

Environmental Bureau Chief

LWP/baj

Attachments-1

cc: OCD District III Office, Aztec

**ATTACHMENT TO THE DISCHARGE PERMIT
TRANSWESTERN PIPELINE COMPANY, SAN JUAN COMPRESSOR STATION
(GW-084)
DISCHARGE PERMIT APPROVAL CONDITIONS
January 10, 2007**

Please remit a check for \$1700.00 made payable to Water Quality Management Fund:

**Water Quality Management Fund
C/o: Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, New Mexico 87505**

- 1. Payment of Discharge Plan Fees:** All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a renewal flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. However, the owner/operator still owes the required \$1700.00 renewal permit fee for a gas compressor station greater than 1001 horsepower.
- 2. Permit Expiration and Renewal:** Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. **The permit will expire on September 26, 2011** and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved.
- 3. Permit Terms and Conditions:** Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.
- 4. Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its May 22, 2006 discharge plan renewal application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.
- 5. Modifications:** WQCC Regulation 20.6.2.3107.C, and 20.6.2.3109 NMAC addresses possible future modifications of a permit. The owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. The Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably

foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. Waste Disposal and Storage: The owner/operator shall dispose of all wastes at an OCD-approved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCD-approved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

A. OCD Rule 712 Waste: Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

B. Waste Storage: The owner/operator shall store all waste in an impermeable bermed area, except waste generated during emergency response operations for up to 72 hours. All waste storage areas shall be identified in the discharge permit application. Any waste storage area not identified in the permit shall be approved on a case-by-case basis only. The owner/operator shall not store oil field waste on-site for more than 180 days unless approved by the OCD.

7. Drum Storage: The owner/operator must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. The owner/operator must store empty drums on their sides with the bungs in place and lined up on a horizontal plane. The owner/operator must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing.

8. Process, Maintenance and Yard Areas: The owner/operator shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface.

9. Above Ground Tanks: The owner/operator shall ensure that all aboveground tanks have impermeable secondary containment (e.g., liners and berms), which will contain a volume of at least one-third greater than the total volume of the largest tank or all interconnected tanks. The owner/operator shall retrofit all existing tanks before discharge permit renewal. Tanks that contain fresh water or fluids that are gases at atmospheric temperature and pressure are exempt from this condition.

10. Labeling: The owner/operator shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. The owner/operator may use a tank code numbering system, which is incorporated into their emergency response plans.

11. Below-Grade Tanks/Sumps and Pits/Ponds.

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The owner/operator shall retrofit all existing systems without secondary containment and leak

detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

B. All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

C. The owner/operator shall ensure that all exposed pits, including lined pits and open top tanks (8 feet in diameter or larger) shall be fenced, screened, netted, or otherwise rendered non-hazardous to wildlife, including migratory birds.

D. The owner/operator shall maintain the results of tests and inspections at the facility covered by this discharge permit and available for OCD inspection. The owner/operator shall report the discovery of any system which is found to be leaking or has lost integrity to the OCD within 15 days. The owner/operator may propose various methods for testing such as pressure testing to 3 pounds per square inch greater than normal operating pressure and/or visual inspection of cleaned tanks and/or sumps, or other OCD-approved methods. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

12. Underground Process/Wastewater Lines:

A. The owner/operator shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more than a 1% loss/gain in pressure. The owner/operator may use other methods for testing if approved by the OCD.

B. The owner/operator shall maintain underground process and wastewater pipeline schematic diagrams or plans showing all drains, vents, risers, valves, underground piping, pipe type, rating, size, and approximate location. All new underground piping must be approved by the OCD prior to installation. The owner/operator shall report any leaks or loss of integrity to the OCD within 15 days of discovery. The owner/operator shall maintain the results of all tests at the facility covered by this discharge permit and they shall be available for OCD inspection. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial

wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that 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 (NMED).

14. Housekeeping: The owner/operator shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. The owner/operator shall maintain all records at the facility and available for OCD inspection.

15. Spill Reporting: The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

16. OCD Inspections: The OCD may place additional requirements on the facility and modify the permit conditions based on OCD inspections.

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. Unauthorized Discharges: The owner/operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application and approved herein. **An unauthorized discharge is a violation of this permit.**

19. Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. Additional Site Specific Conditions: N/A

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written

notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

22. Closure: The owner/operator shall notify the OCD when operations of the facility are to be discontinued for a period in excess of six months. Prior to closure of the facility, the operator shall submit a closure plan for approval. Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

23. Certification: Transwestern Pipeline Company, (Owner/Operator), by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. **Owner/Operator** further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively.

Conditions accepted by: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Company Name-print name above

Company Representative- print name

Company Representative- signature

Title _____

Date: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

June 12, 2001

CERTIFIED MAIL
RETURN RECEIPT NO. 5357-7829

Mr. Larry Campbell
Transwestern Pipeline Co.
6381 North Main
Roswell, NM 88201

RE: Discharge Plan Renewal GW-084
Transwestern Pipeline Co.
San Juan Compressor Station
San Juan County, New Mexico

Dear Mr. Campbell

The ground water discharge plan renewal application **GW-084** for the **Transwestern Pipeline Co. San Juan Compressor Station** located in the NW/4 of Section 13, Township 29 North, Range 11 West, NMPM, San Juan 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 thirty (30) days of receipt of this letter. Please note new mailing address below.**

The discharge plan renewal application letter, dated March 22, 2001, submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations includes all earlier applications and approvals and all conditions later placed on those approvals. The discharge plan is renewed pursuant to Section 3109.C. 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 Transwestern Pipeline Co. of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does it relieve Transwestern Pipeline Co. of its responsibility to comply with any other governmental authority's rules and regulations.

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

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

7000 1670 0012 5357 7829

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$



Sent To
LARRY CAMPBELL - TRANSWESTERN
Street, Apt. No., or PO Box No.
6381 N. MAIN
City, State, ZIP+4
ROSWELL, NM 88201

PS Form 3800, May 2000 See Reverse for Instructions

Mr. Larry Campbell

GW-084

June 12, 2001

Page 2

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, Transwestern Pipeline Co. 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 renewal plan is for a period of five years. This renewal **will expire on September 26, 2006**, and Transwestern Pipeline Co. 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

The discharge plan renewal application for the Transwestern Pipeline Co. San Juan Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan application will be assessed a filing fee of \$100.00. There is a renewal flat fee assessed for gas compressor station facilities with horsepower rating greater than 1,000 horsepower of \$1,700.00. The OCD has received the filing fee. The renewal flat fee is due upon receipt of this approval.

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 C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/eem
Attachment

Xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-084
TRANSWESTERN PIPELINE CO.
SAN JUAN COMPRESSOR STATION
DISCHARGE PLAN APPROVAL CONDITIONS
June 12, 2001

1. Payment of Discharge Plan Fees: The \$100.00 filing fee has been received by the OCD. There is a required flat fee for natural gas compressor stations with horsepower rating greater than 1,000 horsepower. The renewal flat fee required for this facility is \$1,700.00 which 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 upon receipt of this approval. **All checks are to be made payable to Water Quality Management Fund and forwarded to the OCD Santa Fe Office. Please note new mailing address on letterhead.**
2. Commitments: Transwestern Pipeline Co. will abide by all commitments submitted in the discharge plan renewal application letter dated March 22, 2001 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 no later than and every year from tested date thereafter. Permittees may propose various methods for testing such as 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 no later than and every five (5) years thereafter. Permittees 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 Aztec 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 **San Juan Compressor Station** are discontinued for a period in excess of six months. Prior to closure of the **San Juan Compressor Station**, the Director will submit a closure plan for approval. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
17. Conditions accepted by: Transwestern Pipeline Co., by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Transwestern Pipeline Co. 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.

Transwestern Pipeline Co.

Print Name: _____

Signature: _____

Title: _____

Date: _____



STATE OF NEW MEXICO
 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

March 4, 1996

Z 765 963 031

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-963-031

Mr. Larry Campbell
 Division Environmental Specialist
 Transwestern Pipeline Company
 6381 North Main
 Roswell, NM 88201

**RE: Approval of Discharge Plan GW-84
 Renewal
 San Juan Compressor Station
 San Juan County, New Mexico**

Dear Mr. Campbell:

The discharge plan renewal GW-84 for the Transwestern Pipeline Company San Juan Compressor Station located in NW/4, Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan renewal consists of the renewal application letter dated January 9, 1996 from Transwestern Pipeline Company as well as the discharge plan approval letter from OCD dated September 26, 1991. 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 **Transwestern Pipeline Company** 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.



**Receipt for
 Certified Mail**
 No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

PS Form 3800, March 1993

Sent to	
Street and No.	
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	

Mr. Larry Campbell
Transwestern Pipeline Company
Page 2
March 4, 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 Transwestern Pipeline Company 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.

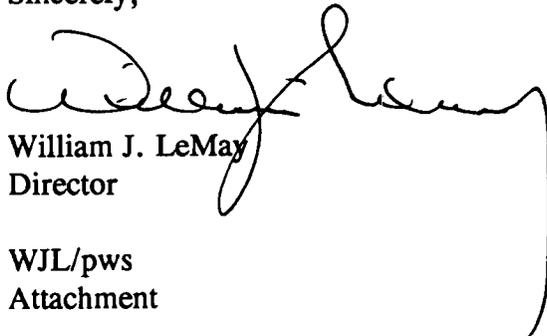
Pursuant to Section 3109.G.4, this plan is for a period of five (5) years. This approval will expire September 26, 2001, and an application for renewal should be submitted in ample time before that date. It should be noted that all discharge plan facilities will be required to submit plans for, or the results of, an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal for the Transwestern Pipeline Company San Juan Compressor Station GW-84 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 the flat fee of six-hundred and ninety dollars (\$690) for Compressor Stations over 3,000 horsepower filing for renewal of existing discharge plans..

The \$50 filing fee has been received by the OCD. The flat fee for an approved discharge plan has also 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

WJL/pws
Attachment

xc: Mr. Denny Foust

Mr. Larry Campbell
Transwestern Pipeline Company
Page 3
March 4, 1996

**ATTACHMENT TO DISCHARGE PLAN GW-84 RENEWAL
Transwestern Pipeline Company - San Juan Compressor Station
DISCHARGE PLAN REQUIREMENTS**

(March 4, 1996)

1. **Transwestern Pipeline Company Commitments:** Transwestern Pipeline Company will abide by all commitments submitted in the Renewal Application letter dated January 9, 1996 as well as the Discharge Plan Approval from OCD dated September 26, 1991, and this Discharge Plan Renewal Approval from OCD dated March 4, 1996.
2. **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.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. dated 1/17/07

or cash received on _____ in the amount of \$ 1700⁰⁰

from Transwestern Pipeline Co.

for GW-84

Submitted by: Lawrence Romero Date: 1/31/07

Submitted to ASD by: Lawrence Romero Date: 1/31/07

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 _____

Transwestern Pipeline Company

Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, NM 87110
Phone (505) 260-4020
Fax (505) 254-1437

2007 JAN 9 AM 9 50

January 8, 2007

UPS Tracking No.: 1Z F7E 046 01 9761 1263

Brad Jones
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Submittal of Proof of Publication for Public Notice for
Discharge Plan GW-084 Renewal
Transwestern Pipeline Company
San Juan Compressor Station
San Juan County, New Mexico

Dear Mr. Jones:

Please find enclosed the proof of publication document along with a copy of the public notice which was published in the Farmington Daily Times newspaper on Sunday, November 19, 2006 for our San Juan Compressor Station Discharge Plan renewal. The proof of publication is signed and notarized by the Daily Times. The public notice was published in both English and Spanish in a section of the newspaper that was neither the classified section nor the legal notice section as stipulated in the OCD regulations. The public notice also met the size requirements listed in the regulations.

Should you have any questions or require any additional information, please contact me by phone at (505) 260-4013 or by mail to my attention at our Albuquerque Regional Office at the address in the letterhead. Thank you very much.

Sincerely,



John Steenberg
Division Environmental Specialist

Enclosures: Proof of Publication Document and Copies of Public Notice

cc: San Juan Station -- Bloomfield
Envision 205.1.20
File

AFFIDAVIT OF PUBLICATION

Ad No.

**STATE OF NEW MEXICO
County of San Juan:**

ROBIN ALLISON, being duly sworn says:
That she is the CLASSIFIED MANAGER of
THE DAILY TIMES, a daily newspaper of
general circulation published in English at
Farmington, said county and state, and that
the hereto attached Legal Notice was
published in a regular and entire issue of the
said DAILY TIMES, a daily newspaper duly
qualified for the purpose within the meaning of
Chapter 167 of the 1937 Session Laws of the
State of New Mexico for publication and
appeared in the Internet at The Daily Times
web site on the following day(s):

Sunday, November 19, 2006

And the cost of the publication is \$409.81



ON 11/3/07 ROBIN ALLISON
appeared before me, whom I know personally
to be the person who signed the above
document.


My Commission Expires Nov. 01, 2008

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Public Notice

Transwestern Pipeline Company, 4001 Indian School Road NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division for the previously approved discharge plan (GW-084) for their San Juan Compressor Station located in the NW 1/4 of Section 13, Township 29 North, Range 11 West in San Juan County, New Mexico. The address of the facility is Lot 41 Country Road 4935, Bloomfield, New Mexico 87413.

Materials generated or used at the facility include pipeline condensate liquid, new and used compressor lubrication oil, gear oil and oily waste water from engine or scrubber wash down. The wash down water amounts to approximately 100 gallons per week. All liquids utilized at the facility are stored in dedicated above ground storage tanks prior to offsite disposal or recycling at an OCD approved site. All storage tanks are within properly engineered and OCD approved secondary containment. No onsite discharges are intentionally allowed to contact or enter surface or groundwater.

Since there are no intentional discharges, the volume of discharges is zero. Subsequently since the volume of discharges is zero, the quality of the discharges is not applicable. The aquifer most likely to be affected is 50 to 65 feet in depth, and the total dissolved solids concentration of this aquifer is approximately 4,900 mg/L.

Any interested person may obtain information, submit comments or requests to be placed on a facility-specific mailing list for future notices by contacting Brad Jones at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3487. The OCD will accept comments and statements of interest regarding the renewal and will create a facility-specific mailing list for persons who wish to receive future notices.

AVISO PUBLICO

La empresa Transwestern Pipeline Company, cuya dirección es 4001 Indian School Road NE, Suite 250, Albuquerque, New Mexico 87110, ha presentado ante la Oil Conservation Division (División de Conservación del Petróleo, OCD por sus siglas en inglés) del New Mexico Energy, Minerals and Natural Resources Department (Departamento de Energía, Minerales y Recursos Naturales de Nuevo México) una solicitud para la renovación del plan de descarga (GW-084), anteriormente aprobado, para su estación compresora San Juan Compressor Station, ubicada en la parte noroeste de la Sección 13, Distrito Municipal (*Township*) 28 Norte, Zona (*Range*) 11 Oeste en el condado de San Juan, Nuevo México. La dirección de las instalaciones es Lot 41 County Road 4935, Bloomfield, New Mexico 87413.

Los materiales generados o usados en las instalaciones incluyen líquido de condensación de las tuberías, aceite lubricante para compresores nuevo y usado, aceite para engranajes y agua aceitosa residual del lavado de motores o depuradores. El agua de lavado asciende a aproximadamente 100 galones por semana. Todos los líquidos utilizados en las instalaciones son almacenados en tanques de almacenamiento para tal fin, sobre la superficie del suelo, antes de su disposición final en instalaciones exteriores o de su reciclaje en instalaciones aprobadas por la OCD. Todos los tanques de almacenamiento están diseñados de manera adecuada y aprobadas por la OCD para contención secundaria. No se permite de manera intencional que las descargas en el lugar tengan contacto con aguas superficiales o subterráneas ni que ingresen en ellas.

Debido a que no hay descargas intencionales, el volumen de descarga es cero. Consecuentemente, debido a que el volumen de descarga es cero, la calidad de las descargas no es pertinente para este caso. El acuífero con mayor probabilidad de ser afectado se encuentra a una profundidad de 50 a 65 pies y la concentración de sólidos disueltos totales en dicho acuífero es de aproximadamente 4,900 mg/L.

Los interesados podrán obtener información, presentar comentarios o solicitar su inclusión en una lista de correo para recibir notificaciones futuras sobre estas instalaciones específicas. Para ello, podrán comunicarse con Brad Jones en New Mexico OCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, y por teléfono al (505) 476-3487. La OCD aceptará comentarios y declaraciones de interés con respecto a la renovación y creará una lista de correo para las personas que deseen recibir notificaciones futuras acerca de estas instalaciones específicas.

Public Notice

Transwestern Pipeline Company, 4001 Indian School Road NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division for the previously approved discharge plan (GW-084) for their San Juan Compressor Station located in the NW 1/4 of Section 13, Township 29 North, Range 11 West in San Juan County, New Mexico. The address of the facility is Lot 41 Country Road 4935, Bloomfield, New Mexico 87413.

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Aviso Público

La empresa Transwestern Pipeline Company, cuya dirección es 4001 Indian School Road NE, Suite 250, Albuquerque, New Mexico 87110, ha presentado ante la Oil Conservation Division (División de Conservación del Petróleo, OCD por sus siglas en inglés) del New Mexico Energy, Minerals and Natural Resources Department (Departamento de Energía, Minerales y Recursos Naturales de Nuevo México) una solicitud para la renovación del plan de descarga (GW-084), anteriormente aprobado, para su estación compresora San Juan Compressor Station, ubicada en la parte noroeste de la Sección 13, Distrito Municipal (*Township*) 28 Norte, Zona (*Range*) 11 Oeste en el condado de San Juan, Nuevo México. La dirección de las instalaciones es Lot 41 County Road 4935, Bloomfield, New Mexico 87413.

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SUNDAY NOVEMBER 19, 2006

1 BILLING PERIOD		2 ADVERTISING/CLIENT NAME	
10/01/06 - 10/31/06		NM EMNRD OIL CONSERVATION DIV	
23 TOTAL AMOUNT DUE	*UNAPPLIED AMOUNT	3 TERMS OF PAYMENT	
260.19		net 30	
21 CURRENT NET AMOUNT DUE	22 30 DAYS	60 DAYS	OVER 90 DAYS
260.19	.00	.00	.00

INVOICE and STATEMENT

763580

4 PAGE#	5 BILLING DATE	8 BILLING ACCOUNT NAME AND ADDRESS	9 REMITTANCE ADDRESS
1	10/31/06	FRAN CHAVEZ NM EMNRD OIL CONSERVATION DIV 1220 S ST FRANCIS DR SANTA FE NM 87505	THE NEW MEXICAN (ADVERTISING) PO BOX 2048 SANTA FE, NM 87504-2048
6 BILLED ACCOUNT NUMBER			
56689			
7 ADVERTISER/CLIENT NUMBER			

AMOUNT ENCLOSED	CHECK NUMBER	VISA / MASTERCARD / DISCOVER / AMERICAN EXPRESS	CC Exp. Date
		Card Number	Signature

PLEASE DETACH AND RETURN UPPER PORTION WITH YOUR REMITTANCE

10 DATE	11 NEWSPAPER REFERENCE	12 13 14 DESCRIPTION - OTHER COMMENTS/CHARGES	15 SAU SIZE BILLED UNITS	17 18 TIMES RUN RATE	19 GROSS AMOUNT	20 NET AMOUNT
09/30		BALANCE FORWARD				0.00
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10/06	00188711	NOTICE OF PUBLICATI nm/full	1x201L			180.72
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10/24	00190918	NOTICE OF PUBLICATI nm/full	1x271L			241.76
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		6000 00190918				
10/31		STATE TAX				32.21

STATEMENT OF ACCOUNT AGING OF PAST DUE AMOUNTS

21 CURRENT NET AMOUNT DUE	22 30 DAYS	60 DAYS	OVER 90 DAYS	*UNAPPLIED AMOUNT	23 TOTAL AMOUNT DUE
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24 ADVERTISER INFORMATION					
1 BILLING PERIOD	6 BILLED ACCOUNT NUMBER	7 ADVERTISER/CLIENT NUMBER	2 ADVERTISER/CLIENT NAME		
763580 10/01/06 - 10/31/06	56689		NM EMNRD OIL CONSERV		

LS	LEGALS	LEGALS	LEGALS	LEGALS	
measures. DBE established act.	face will be managed in order to protect fresh water.	within the County as follows:	ORTIZ MIDDLE SCHOOL 4164 S. Meadows Rd.	FORT MARCY COMPLEX 490 Washington Avenue	
(A-98) and (175)182-1046	The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site http://www.emnrd.state.nm.us/ocd/ . Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. 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 that there is significant public interest.	SOMBRILLO ELEMENTARY 22 E. Sombrillo Rd. BENNY J. CHAVEZ CENTER 354 A Juan Medina Rd. CUNDIYO FIRE STATION Rt. 1, Box 2 EL RANCHO COMMUNITY CENTER 394 County Road 84 TESUQUE PUEBLO INTERGENERATIONAL CENTER Tesuque Pueblo RIO EN MEDIO COMMUNITY CENTER 1 El Alto TESUQUE FIRE STATION 4 Senda de Fuego CRISTO REY CATHOLIC CHURCH 1120 Canyon Rd. FORT MARCY COMPLEX 490 Washington Ave. GONZALES ELEMENTARY 851 W. Alameda St. LA CIENEGA COMMUNITY CENTER 136 Camino San Jose HONDO FIRE STATION 21 Seton Village Rd. TURQUOISE TRAIL ELEMENTARY 13 A San Marcos Loop SOUTH MOUNTAIN ELEMENTARY 577 State Road 344 GALISTEO COMMUNITY CENTER 35 County Road 33-A EDGEWOOD MIDDLE SCHOOL 17 Venus Rd. STANLEY COMMUNITY CENTER 13 W. Kinsell Ave. NAMBE HEADSTART 180 B State Road 503 LARRAGOITE ELEMENTARY 1604 Agua Fria St. ALAMEDA MIDDLE SCHOOL 450 La Madera St. GUADALUPE PARISH HALL 471 Agua Fria St. SANTA FE COUNTY FAIR BUILDING 3229 Rodeo Rd. SALAZAR ELEMENTARY 1231 Apache Ave. NAVA ELEMENTARY 2655 Siringo Rd. ACEQUIA MADRE ELEMENTARY 700 Acequia Madre CAPSHAW MIDDLE SCHOOL 351 W. Zia Rd. KEARNY ELEMENTARY 901 Avenida de las Campanas SAN ILDEFONSO PUEBLO San Ildefonso Pueblo DE VARGAS MIDDLE SCHOOL 720 Llano St. KAUNE ELEMENTARY 1409 Monterey Dr. PUBLIC SCHOOL ADMINISTRATION BUILDING 610 Alta Vista St. WOOD GORMELY ELEMENTARY 141 E. Booth St. ST. JOHN'S	All registered, qualified electors in Santa Fe County, New Mexico, shall be entitled to vote; absentee voting shall be permitted as authorized by the Absentee Voter Act, Section 1-6-1, et seq., NMSA, 1978, as amended and supplemented. Applications for absentee ballots may be obtained from the Office of the County Clerk, Santa Fe, New Mexico, but at 5:00 p.m. on November 6, 2006, the County Clerk is required by statute to destroy unused absentee ballots, so that completed applications must be returned to the County Clerk prior to such time. At any time prior to 5:00 p.m. on Monday, November 6, 2006, any person whose absentee ballot application has been accepted and who has mailed an absentee ballot but who has not received the absentee ballot may execute, in the office of the County Clerk of Santa Fe County, a sworn affidavit stating that he did not receive or vote his absentee ballot. Upon receipt of the sworn affidavit, the County Clerk shall issue the voter a replacement absentee ballot.	No ballot on the bond election shall be received unless, on the date of the election, the person offering to vote is a registered, qualified elector of the County. The registration books of Santa Fe County shall be closed by the County Clerk at 5:00 p.m. on October 10, 2006, except as otherwise provided by law. Any person otherwise eligible to vote as a qualified elector and not currently registered may register prior to such time at the Office of the County Clerk, Santa Fe, New Mexico, or at the office of any duly appointed deputy registration officer.	ESTACION DE BOMBEROS CUNDIYO Ruta 1, Casilla 2 ESCUELA PRIMARIA GONZALES 851 West Alameda Street CENTRO COMUNITARIO EL RANCHO 394 Camino del Condado 84 CENTRO COMUNITARIO LA CIENEGA Camino San José 136 CENTRO DE INTEGRACION DEL PUEBLO DE TESUQUE Pueblo de Tesuque ESTACION DE BOMBEROS HONDO 21 Camino Seton Village CENTRO COMUNITARIO RIO EN MEDIO El Alto 1 ESCUELA PRIMARIA TURQUOISE San Marco Loop 13 A ESTACION DE BOMBEROS DE TESUQUE Senda de Fuego 4 ESCUELA PRIMARIA SOUTH MOUNTAIN 577 State Road 344 CENTRO COMUNITARIO GALISTEO 35 Camino del Condado 33-A ESCUELA MEDIA EDGEWOOD Venus Road 17 ESCUELA MEDIA DE VARGAS 720 Calle Llano CENTRO COMUNITARIO STANLEY 13 W. Avenida Kinsell ESCUELA PRIMARIA KAUNE Monterey Drive 1409 HEADSTART NAMBE 180 B State Road 503 EDIFICIO DE ADMINISTRACION DE ESCUELAS PUBLICAS Calle Alta Vista 610 ESCUELA PRIMARIA WOOD GORMLEY 141 East Booth Street IGLESIA METODISTA ST. JOHN 1200 Old Pecos Trail ESCUELA PRIMARIA LARRAGOITE Calle Agua Fria 1604 ESCUELA PRIMARIA ATALAYA Camino Cabra 721 ESCUELA MEDIA ALAMEDA Calle La Madera 450 ESCUELA PRIMARIA E.J. MARTINEZ 410 San Mateo Road SALON DE LA PARROQUIA GUADALUPE Calle Agua Fria 471 CENTRO DE CIUDADOS MAYORES PASATIEMPO 664 Calle Alta Vista EDIFICIO DE LA FERIA SANTA FE Rodeo Road 3229 ESCUELA PRIMARIA SALAZAR Avenida Apache 1231 ELKS B.P.O.E. 460 LODGE 1615 Old Pecos Trail ESCUELA
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Farmington Daily Times Classified

RECEIVED
OCT 10 2006

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

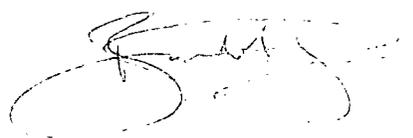
Date: 10/03/06

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
SANTA FE, NM 87505
505) 476-3440

Ad#	Publication	Class	Start	Stop	Times	AS/400 Acct
000484247	FARMINGTO	0152 - Legal Notices	10/05/2006	10/05/2006	1	
000484247	FARMINGTO	0152 - Legal Notices	10/05/2006	10/05/2006	1	
Total Cost:						\$142.76
Payment:						\$0.00
Balance Due:						\$142.76

TEXT:

NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY, MINERALS AND NAT

10/10/06
ok to pay


Please include Ad number on your payment.

AFFIDAVIT OF PUBLICATION

Ad No. 54098

**STATE OF NEW MEXICO
County of San Juan:**

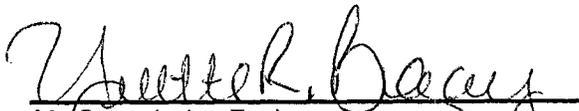
ROBIN ALLISON, being duly sworn says:
That she is the CLASSIFIED MANAGER of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication and appeared in the Internet at The Daily Times web site on the following day(s):

Thursday, October 05, 2006.

And the cost of the publication is \$142.76.



ON 10/12/2006 ROBIN ALLISON
appeared before me, whom I know personally to be the person who signed the above document.


My Commission Expires 8/30/2010

COPY OF PUBLICATION

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 (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-084) Transwestern Pipeline Co., John Steenberg, Division Environmental Specialist, Summit Office Bldg., 4001 Indian School Rd., NE, Ste. 250, Albuquerque, New Mexico 87110, has submitted a renewal application for the previously approved discharge plan for their San Juan Compressor Station, located in the NW/4 of Section 13, Township 29 North, Range 11 West, NMPPM, San Juan County, New Mexico, approximately two miles northeast of Bloomfield, New Mexico. Approximately 2 gallons per day of pipeline liquids will be stored onsite in a closed top steel tank within a bermed area prior to disposal at an NMOCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 feet, with a total dissolved solids concentration of approximately 1,600 mg/l. The discharge plan 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 NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site <http://www.emnrd.state.nm.us/ocd/>. Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. 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 that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener más información sobre esta solicitud en español, sírvase comúnicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energía, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservación Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New México (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of September 2006.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

Mark Fesmire, Director

Legal No. 54098 published in The Daily Times, Farmington, New Mexico on Thursday, October 05, 2006.

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Wednesday, October 11, 2006 4:21 PM
To: 'Steenberg, John'
Subject: RE: San Juan Compressor Station Discharge Plan (GW-084)

John,

The New Mexico Oil Conservation Division approves your proposal to use the 2006 WQCC notice requirements for the renewal of the discharge plan permit (GW-84).

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Steenberg, John [mailto:John.Steenberg@SUG.com]
Sent: Wednesday, October 11, 2006 9:59 AM
To: Jones, Brad A., EMNRD
Subject: San Juan Compressor Station Discharge Plan (GW-084)

Brad,

I have read over the 2002 WQCC notice requirements and believe that the July 2006 requirements will be a better way to proceed with the notice for GW-084. This renewal application was submitted in May of this year.

Therefore, I respectfully request to use the 2006 WQCC notice rules for the notice on this plan. Thank you

John Steenberg
Division Environmental Specialist
Albuquerque Regional Office
Office (505) 260-4013
Cell (505) 228-8398
Fax (505)254-1437

The information in this e-mail, and any files transmitted with it, is intended for the exclusive use of the recipient(s) to which it is addressed and may contain confidential, proprietary or privileged information. If you are not an intended recipient, you have received this transmission in error and any use, review, dissemination, distribution, printing or copying of this information is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately of the erroneous transmission by reply e-mail, immediately delete this e-mail and all electronic copies of it from your system and destroy any

10/16/2006

hard copies of it that you may have made. Thank you.

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Wednesday, October 11, 2006 4:17 PM
To: 'Steenberg, John'
Subject: RE: Proposed Wording for Public Notice for San Juan Compressor Station (GW-084)

John,

The wording for the notice looks appropriate. Thanks for also providing the proposed newspaper and identifying the owner of the discharge location. FYI... just don't forget about the minimum size requirements and location restrictions of the published notice.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Steenberg, John [mailto:John.Steenberg@SUG.com]
Sent: Wednesday, October 11, 2006 2:40 PM
To: Jones, Brad A., EMNRD
Subject: Proposed Wording for Public Notice for San Juan Compressor Station (GW-084)

Brad,

Attached is my proposed wording for the public notice for our San Juan Compressor Station. In case you are wondering from the station name in the attached document, we use Bloomfield CS interchangeably with San Juan CS. Please let me know what you think or if you see any problems. Once you have approved of the wording, I will proceed to get the document translated into Spanish.

We propose to place the public notice in the Farmington Daily Times. The San Juan Compressor Station land is owned by Transwestern Pipeline.

Thanks.

John Steenberg
Division Environmental Specialist
Albuquerque Regional Office
Office (505) 260-4013
Cell (505) 228-8398
Fax (505)254-1437

The information in this e-mail, and any files transmitted with it, is intended for the exclusive use of the recipient(s) to which it is addressed and may contain confidential, proprietary or privileged information.

10/16/2006

If you are not an intended recipient, you have received this transmission in error and any use, review, dissemination, distribution, printing or copying of this information is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately of the erroneous transmission by reply e-mail, immediately delete this e-mail and all electronic copies of it from your system and destroy any hard copies of it that you may have made. Thank you.

Jones, Brad A., EMNRD

From: Steenberg, John [John.Steenberg@SUG.com]
Sent: Wednesday, October 11, 2006 9:59 AM
To: Jones, Brad A., EMNRD
Subject: San Juan Compressor Station Discharge Plan (GW-084)

Brad,

I have read over the 2002 WQCC notice requirements and believe that the July 2006 requirements will be a better way to proceed with the notice for GW-084. This renewal application was submitted in May of this year.

Therefore, I respectfully request to use the 2006 WQCC notice rules for the notice on this plan. Thank you

John Steenberg
Division Environmental Specialist
Albuquerque Regional Office
Office (505) 260-4013
Cell (505) 228-8398
Fax (505)254-1437

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PUBLIC NOTICE

Transwestern Pipeline Company, 4001 Indian School Road NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division for the previously approved discharge plan (GW-084) for their San Juan Compressor Station located in the NW ¼ of Section 13, Township 29 North, Range 11 West in San Juan County, New Mexico. The address of the facility is Lot 41 County Road 4935, Bloomfield, New Mexico 87413.

Materials generated or used at the facility include pipeline condensate liquid, new and used compressor lubrication oil, gear oil and oily waste water from engine or scrubber wash down. The wash down water amounts to approximately 100 gallons per week. All liquids utilized at the facility are stored in dedicated above ground storage tanks prior to offsite disposal or recycling at an OCD approved site. All storage tanks are within properly engineered and OCD approved secondary containment. No onsite discharges are intentionally allowed to contact or enter surface or groundwater.

Since there are no intentional discharges, the volume of discharges is zero. Subsequently since the volume of discharges is zero, the quality of the discharges is not applicable. The aquifer most likely to be affected is 50 to 65 feet in depth, and the total dissolved solids concentration of this aquifer is approximately 4,900 mg/L.

Any interested person may obtain information, submit comments or request to be placed on a facility specific mailing list for future notices by contacting Brad Jones at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3487. The OCD will accept comments and statements of interest regarding the renewal and will create a facility-specific mailing list for persons who wish to receive future notices.

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Wednesday, October 11, 2006 4:17 PM
To: 'Steenberg, John'
Subject: RE: Proposed Wording for Public Notice for San Juan Compressor Station (GW-084)

John,

The wording for the notice looks appropriate. Thanks for also providing the proposed newspaper and identifying the owner of the discharge location. FYI... just don't forget about the minimum size requirements and location restrictions of the published notice.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Steenberg, John [<mailto:John.Steenberg@SUG.com>]
Sent: Wednesday, October 11, 2006 2:40 PM
To: Jones, Brad A., EMNRD
Subject: Proposed Wording for Public Notice for San Juan Compressor Station (GW-084)

Brad,

Attached is my proposed wording for the public notice for our San Juan Compressor Station. In case you are wondering from the station name in the attached document, we use Bloomfield CS interchangeably with San Juan CS. Please let me know what you think or if you see any problems. Once you have approved of the wording, I will proceed to get the document translated into Spanish.

We propose to place the public notice in the Farmington Daily Times. The San Juan Compressor Station land is owned by Transwestern Pipeline.

Thanks.

John Steenberg
Division Environmental Specialist
Albuquerque Regional Office
Office (505) 260-4013
Cell (505) 228-8398
Fax (505)254-1437

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10/11/2006

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Jones, Brad A., EMNRD

From: Steenberg, John [John.Steenberg@SUG.com]
Sent: Wednesday, October 11, 2006 2:40 PM
To: Jones, Brad A., EMNRD
Subject: Proposed Wording for Public Notice for San Juan Compressor Station (GW-084)
Attachments: Public Notice OCD Discharge Plan Renewal Bloomfield CS 101006.doc

Brad,

Attached is my proposed wording for the public notice for our San Juan Compressor Station. In case you are wondering from the station name in the attached document, we use Bloomfield CS interchangeably with San Juan CS. Please let me know what you think or if you see any problems. Once you have approved of the wording, I will proceed to get the document translated into Spanish.

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Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Wednesday, October 11, 2006 4:21 PM
To: 'Steenberg, John'
Subject: RE: San Juan Compressor Station Discharge Plan (GW-084)

John,

The New Mexico Oil Conservation Division approves your proposal to use the 2006 WQCC notice requirements for the renewal of the discharge plan permit (GW-84).

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Steenberg, John [mailto:John.Steenberg@SUG.com]
Sent: Wednesday, October 11, 2006 9:59 AM
To: Jones, Brad A., EMNRD
Subject: San Juan Compressor Station Discharge Plan (GW-084)

Brad,

I have read over the 2002 WQCC notice requirements and believe that the July 2006 requirements will be a better way to proceed with the notice for GW-084. This renewal application was submitted in May of this year.

Therefore, I respectfully request to use the 2006 WQCC notice rules for the notice on this plan. Thank you

John Steenberg
Division Environmental Specialist
Albuquerque Regional Office
Office (505) 260-4013
Cell (505) 228-8398
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10/11/2006

hard copies of it that you may have made. Thank you.

RECEIVED

OCT 11 2006

Oil Conservation Division
1220 S. St. Francis
Santa Fe, NM 87505

NM EMNRD OIL CONSERVATION

ATTN: *Bruce Jones*
1220 S ST FRANCIS DR
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689
AD NUMBER: 00188711 ACCOUNT: 00002212
LEGAL NO: 79758 P.O. #: 52100-00044
312 LINES 1 TIME(S) 174.72
AFFIDAVIT: 6.00
TAX: 13.78
TOTAL: 194.50

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

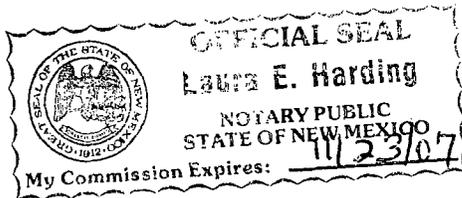
I, R. Lara, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 79758 a copy of which is hereto attached was published in said newspaper 1 day(s) between 10/06/2006 and 10/06/2006 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 6th day of October, 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 6th day of October, 2006

Notary *Laura E. Harding*

Commission Expires: 11/23/07



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 (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-084) Transwestern Pipeline Co., John Steenbers, Division Environmental Specialist, Summit Office Bldg., 4001 Indian School Rd., NE, Ste. 250, Albuquerque, New Mexico 87110, has submitted a renewal application for the previously approved discharge plan for their San Juan Compressor Station, located in the NW/4 of Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, approximately two miles northeast of Bloomfield, New Mexico. Approximately 2 gallons per day of pipeline liquids will be stored onsite in a closed top steel tank within a bermed area prior to disposal at an NMOCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 feet, with a total dissolved solids concentration of approximately 1,600 mg/l. The discharge plan addresses how oil-field 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 NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a

facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site <http://www.emnrd.state.nm.us/ocd/>. Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. 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 that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener más información sobre esta solicitud en español, sírvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energía, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservación Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New Mexico (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of September 2006.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION

SEAL
Mark Fesmire,
Director

Legal #79758
Pub. Oct. 6, 2006

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of September 2006.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

September 28, 2006

Mr. John Steenberg
Transwestern Pipeline Company
Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, New Mexico 87110

**Re: Discharge Permit GW-084 Renewal (DRAFT)
Transwestern Pipeline Company
San Juan Compressor Station
San Juan County, New Mexico**

Dear Mr. Steenberg:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the Transwestern Pipeline Company (owner/operator) San Juan Compressor Station GW-084 located in the NW/4 of Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, under the conditions specified in the enclosed **Attachment To The Discharge Permit**. 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 30 working days of receipt of this letter including permit fees.**

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If you have any questions, please contact Brad A Jones of my staff at (505) 476-3487 or E-mail brad.a.jones@state.nm.us. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Wayne Price
Environmental Bureau Chief

LWP/baj

Attachments-1
xc: OCD District Office

**ATTACHMENT TO THE DISCHARGE PERMIT
TRANSWESTERN PIPELINE COMPANY, SAN JUAN COMPRESSOR STATION
(GW-084)
DISCHARGE PERMIT APPROVAL CONDITIONS
September 28, 2006**

Please remit a check for \$1700.00 made payable to Water Quality Management Fund:

**Water Quality Management Fund
C/o: Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, New Mexico 87505**

- 1. Payment of Discharge Plan Fees:** All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a renewal flat fee (see WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. However, the owner/operator still owes the required \$1700.00 renewal permit fee for an oilfield service company.
- 2. Permit Expiration and Renewal:** Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. **The permit will expire on September 26, 2011** and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved.
- 3. Permit Terms and Conditions:** Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.
- 4. Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its May 22, 2006 discharge permit renewal application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.
- 5. Modifications:** WQCC Regulation 20.6.2.3109.G NMAC addresses possible future modifications of a permit. Pursuant WQCC Regulation 20.6.2.3107.C NMAC, the owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. Pursuant to WQCC Regulation 20.6.2.3109.E NMAC, the Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation

20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. Waste Disposal and Storage: The owner/operator shall dispose of all wastes at an OCD-approved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCD-approved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

A. OCD Rule 712 Waste: Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

B. Waste Storage: The owner/operator shall store all waste in an impermeable bermed area, except waste generated during emergency response operations for up to 72 hours. All waste storage areas shall be identified in the discharge permit application. Any waste storage area not identified in the permit shall be approved on a case-by-case basis only. The owner/operator shall not store oil field waste on-site for more than 180 days unless approved by the OCD.

7. Drum Storage: The owner/operator must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. The owner/operator must store empty drums on their sides with the bungs in place and lined up on a horizontal plane. The owner/operator must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing.

8. Process, Maintenance and Yard Areas: The owner/operator shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface.

9. Above Ground Tanks: The owner/operator shall ensure that all aboveground tanks have impermeable secondary containment (e.g., liners and berms), which will contain a volume of at least one-third greater than the total volume of the largest tank or all interconnected tanks. The owner/operator shall retrofit all existing tanks before discharge permit renewal. Tanks that contain fresh water or fluids that are gases at atmospheric temperature and pressure are exempt from this condition.

10. Labeling: The owner/operator shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. The owner/operator may use a tank code numbering system, which is incorporated into their emergency response plans.

11. Below-Grade Tanks/Sumps and Pits/Ponds.

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The

owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

B. All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

C. The owner/operator shall ensure that all exposed pits, including lined pits and open top tanks (8 feet in diameter or larger) shall be fenced, screened, netted, or otherwise rendered non-hazardous to wildlife, including migratory birds.

D. The owner/operator shall maintain the results of tests and inspections at the facility covered by this discharge permit and available for OCD inspection. The owner/operator shall report the discovery of any system which is found to be leaking or has lost integrity to the OCD within 15 days. The owner/operator may propose various methods for testing such as pressure testing to 3 pounds per square inch greater than normal operating pressure and/or visual inspection of cleaned tanks and/or sumps, or other OCD-approved methods. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

12. Underground Process/Wastewater Lines:

A. The owner/operator shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more than a 1% loss/gain in pressure. The owner/operator may use other methods for testing if approved by the OCD.

B. The owner/operator shall maintain underground process and wastewater pipeline schematic diagrams or plans showing all drains, vents, risers, valves, underground piping, pipe type, rating, size, and approximate location. All new underground piping must be approved by the OCD prior to installation. The owner/operator shall report any leaks or loss of integrity to the OCD within 15 days of discovery. The owner/operator shall maintain the results of all tests at the facility covered by this discharge permit and they shall be available for OCD inspection. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that 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 (NMED).

14. Housekeeping: The owner/operator shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. The owner/operator shall maintain all records at the facility and available for OCD inspection.

15. Spill Reporting: The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

16. OCD Inspections: The OCD may place additional requirements on the facility and modify the permit conditions based on OCD inspections.

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. Unauthorized Discharges: The owner/operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application and approved herein. *An unauthorized discharge is a violation of this permit.*

19. Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. Additional Site Specific Conditions: N/A

21. Transfer of Discharge Permit: The owner/operator shall notify the OCD prior to any transfer of ownership, control or possession of a facility with an approved discharge permit. The

purchaser shall submit a written commitment to comply with the terms and conditions of the previously approved discharge permit and shall seek OCD approval prior to transfer.

22. Closure: The owner/operator shall notify the OCD when operations of the facility are to be discontinued for a period in excess of six months. Prior to closure of the facility, the operator shall submit a closure plan for approval. Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

23. Certification: Transwestern Pipeline Company, by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained herein. Transwestern Pipeline Company further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively.

Conditions accepted by: Transwestern Pipeline Company

Company Representative- print name

Company Representative- signature

Date _____

Title _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

September 27, 2006

Mr. John Steenberg
Transwestern Pipeline Company
Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, New Mexico 87110

**Re: Discharge Plan Renewal Permit GW-084
Transwestern Pipeline Company
San Juan Compressor Station
San Juan County, New Mexico**

Dear Mr. Steenberg:

The New Mexico Oil Conservation Division (NMOCD) has received Transwestern Pipeline Company's request and initial fee, dated May 22, 2006, to renew GW-084 for the Transwestern Pipeline Company San Juan Compressor Station located in the NW/4 of Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. The initial submittal provided the required information in order to deem the application "administratively" complete.

Therefore, the New Mexico Water Quality Control Commission regulations (WQCC) notice requirements of 20.6.2.3108 NMAC must be satisfied and demonstrated to the NMOCD. NMOCD will provide public notice pursuant to the WQCC notice requirements of 20.6.2.3108 NMAC to determine if there is any public interest.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us. On behalf of the staff of the NMOCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,


Brad A. Jones
Environmental Engineer

BAJ/baj

xc: OCD District III Office, Aztec

Transwestern Pipeline Company

Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, NM 87110
Phone (505) 260-4020
Fax (505) 254-1437

May 22, 2006

UPS Tracking No.: 1Z F7E 046 01 9885 7283

Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis
Santa Fe, New Mexico 87505

2006 MAY 23 PM 3 01

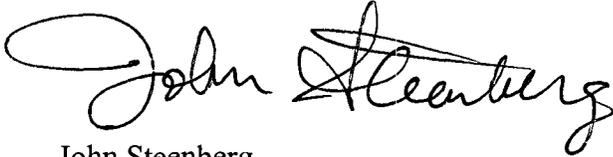
Re: Discharge Plan GW-084
Transwestern Pipeline Company
San Juan Compressor Station
San Juan County, New Mexico

Dear Mr. Martin:

The ground water discharge plan GW-084 for the Transwestern Pipeline Company's San Juan Compressor Station expires on September 26, 2006 and requires renewal. The location of the facility is in NW/4 of Section 13, Township 29 North, Range 11 West in San Juan County, New Mexico. There has been one additional building added to the facility which has drain lines since the original plan was issued on June 12, 2001. This building houses an electrically driven gas compressor. This building is approximately due south of the previously existing turbine engine building. A twenty foot long, four inch diameter steel drain line goes north to a sump on the north side of the new building. Then from this sump there is an additional 120 feet of six inch diameter steel line that goes to the previously existing transfer pump sump on the south side of the turbine building. When this new addition was constructed, a pressure test was run by the contractor on these two sections of drain line. The pressure was sustained for about two hours, and the lines passed the pressure test. Documentation of this pressure testing can be provided should you wish to see it. Therefore, we respectfully request to renew the plan based on this new information and from the information for the original plan. Enclosed with this request is a check for \$100.00 for the application fee for renewal.

Should you have any questions or require any additional information, please contact me by phone at (505) 260-4013 or by mail to my attention at our Albuquerque Regional Office at the address in the letterhead. Thank you very much for your assistance in this matter.

Sincerely,

A handwritten signature in cursive script that reads "John Steenberg". The signature is written in black ink and is positioned above the printed name and title.

John Steenberg
Division Environmental Specialist

Enclosure: Check for \$100

cc: San Juan Team
Envision 205.1.20
File

Description	FUND	CES	DFA ORG	D AC	ED ORG	ED ACCT	AMOUNT	
1 CY Reimbursement Project Tax	064	01						1
6 Gross Receipt Tax	084	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	4969248		6
7 Hazardous Waste Permits	339	27	2700	1696	900000	4169027		7
3 Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4169339		8
10 Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	100.00	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

0000017 396169 A 1 0030 01 00304010-0003 00008 A



Transwestern Pipeline Company
5444 Westheimer Road
Houston, TX 77056-5306

NEW MEXICO OIL CONSERVATION DIVISIO
ENVIRONMENTAL BUREAU
1220 SOUTH ST FRANCIS
SANTA FE NM 87505

VENDOR NO.	CHECK NO.	DATE
48452		05/16/2006

INVOICE NUMBER	INVOICE DATE	VOUCHER ID	GROSS AMOUNT	DISCOUNT TOTAL	PAID AMOUNT
GW-084 2006 SAN JUAN COMP PLAN GW-084	05/15/2006	622676	\$100.00	\$0.00	\$100.00
		TOTAL	\$100.00	\$0.00	\$100.00

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 5/16/06

or cash received on _____ in the amount of \$ 100⁰⁰

from Transwestern Pipeline Co.

for GW-084

Submitted by: Laura R. Rouse Date: 9/26/06

Submitted to ASD by: Jacqueline Rouse Date: 9/26/06

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 _____



Transwestern Pipeline Company
5444 Westheimer Road
Houston, TX 77056-5306

JPMorgan Chase Bank, N.A.
Syracuse, New York

50-937
213

PAY IN U.S. DOLLARS

CHECK DATE: 05/16/2006
CHECK NUMBER: [REDACTED]

*****ONE HUNDRED AND 00/100 DOLLARS*****

CHECK AMOUNT: \$100.00

TO THE ORDER OF

NEW MEXICO OIL CONSERVATION DIVISIO
ENVIRONMENTAL BUREAU
1220 SOUTH ST FRANCIS
SANTA FE NM 87505

Richard N. Marshall

Authorized Signature
Void After 60 Days

GW-084



artin, Ed

From: Martin, Ed
Sent: Wednesday, April 10, 2002 7:42 AM
To: 'Campbell, Larry'
Subject: RE: Drain lIne Testing

This plan is approved as stated. Please let me have a summary of the results of the tests when complete. Take care.
Ed

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

From: Campbell, Larry [mailto:Larry.Campbell@ENRON.com]
Sent: Tuesday, April 09, 2002 11:48 AM
To: EMARTIN@state.nm.us
Subject: Drain lIne Testing

Ed, when you were in the Hobbs area last month inspecting a couple of compressor stations operated by Transwestern Pipeline Company, I requested that Transwestern be given approval to conduct the 5 year drain line testing requirements at its 13 compressor stations which are currently under OCD discharge plans, prior to the five renewal date on the permit. The reason for this request is to reduce the price of sending a contractor out multiple times to do drain line testing when it would benefit Transwestern if the contractor could start at one end of our pipeline system and move concurrently from station to station and complete the testing for the al the compressor station along the entire pipeline in New Mexico. I am proposing to use the same methodology as was previously approved by your agency for the last drain line testing and propose to conduct the testing during the month of July. The list of facilities which are covered under this request are as follows:

Transwestern Pipeline Company

Wt-1 Compressor Station	GW-109
Mountainair Compressor Station	GW-110
Laguna Compressor Station	GW- 95
Thoreau Compressor Station	GW- 80
Bloomfield Comrpessor Station	GW- 84
Portales Compressor Station	GW- 90
Bisti Compressor Station	GW-285
Roswell Compressor Station	GW- 52
Gallup Compressor Station	GW-325
Monument Compressor Station	GW-197
Corona Compressor Station	GW- 89

Northern Natural Gas Company

Eunice Compressor Station	GW-113
Jal Compressor Station	GW-283

Ed, give me your thoughts on this.

Thanks

This e-mail is the property of Enron Corp. and/or its relevant affiliate and may contain confidential and privileged material for the sole use of the intended recipient (s). Any review, use, distribution or disclosure by others is strictly prohibited. If you are not the intended recipient (or authorized to receive for the recipient), please contact the sender or reply to Enron Corp. at enron.messaging.administration@enron.com and delete all copies of the message. This e-mail (and any attachments hereto) are not intended to be an offer (or an acceptance) and do not create or evidence a binding and enforceable contract between Enron Corp. (or any of its affiliates) and the intended recipient or any other

Mr. Larry Campbell
GW-084
June 12, 2001
Page 5

13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec 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 **San Juan Compressor Station** are discontinued for a period in excess of six months. Prior to closure of the **San Juan Compressor Station**, the Director will submit a closure plan for approval. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
17. Conditions accepted by: Transwestern Pipeline Co., by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Transwestern Pipeline Co. 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.

Transwestern Pipeline Co.

Print Name: LARRY CAMPBELL

Signature: Larry Campbell

Title: Division Environmental Specialist

Date: 7/9/01

**NEW MEXICO ENVIRONMENT DEPARTMENT
REVENUE TRANSMITTAL FORM**

Description	FUND	CEB	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT
1 CY Reimbursement Project Tax	064	01					
5 Gross Receipt Tax	064	01		2329	900000	2329134	
3 Air Quality Title V	092	13	1300	1896	900000	4169134	
4 PRP Prepayments	248	14	1400	9696	900000	4989014	
2 Climax Chemical Co.	248	14	1400	9696	900000	4989015	
6 Circle K Reimbursements	248	14	1400	9696	900000	4989248	
7 Hazardous Waste Permits	339	27	2700	1696	900000	4169027	
8 Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4169339	
10 Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	1700.00
11 Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4189029	
12 Air Quality Permits	631	31	2500	1696	900000	4169031	
13 Payments under Protest	651	33		2919	900000	2919033	
*14 Xerox Copies	652	34		2349	900000	2349001	
15 Ground Water Penalties	652	34		2349	900000	2349002	
16 Witness Fees	652	34		2349	900000	2439003	
17 Air Quality Penalties	652	34		2349	900000	2349004	
18 OSHA Penalties	652	34		2349	900000	2349005	
19 Prior Year Reimbursement	652	34		2349	900000	2349006	
20 Surface Water Quality Certification	652	34		2349	900000	2349009	
21 Jury Duty	652	34		2349	900000	2349012	
22 CY Reimbursements (i.e. telephone)	652	34		2349	900000	2349014	
*23 UST Owner's List	783	24	2500	9696	900000	4989201	
*24 Hazardous Waste Notifiers List	783	24	2500	9696	900000	4989202	
*25 UST Maps	783	24	2500	9696	900000	4989203	
*26 UST Owner's Update	783	24	2500	9696	900000	4989205	
*28 Hazardous Waste Regulations	783	24	2500	9696	900000	4989207	
*29 Radiologic Tech. Regulations	783	24	2500	9696	900000	4989208	
*30 Superfund CERLIS List	783	24	2500	9696	900000	4989211	
31 Solid Waste Permit Fees	783	24	2500	9696	900000	4989213	
32 Smoking School	783	24	2500	9696	900000	4989214	
*33 SWQB - NPS Publications	783	24	2500	9696	900000	4989222	
*34 Radiation Licensing Regulation	783	24	2500	9696	900000	4989228	
*35 Sale of Equipment	783	24	2500	9696	900000	4989301	
*36 Sale of Automobile	783	24	2500	9696	900000	4989302	
*37 Lost Recoveries	783	24	2500	9696	900000	4989814	
*38 Lost Repayments	783	24	2500	9696	900000	4989815	
39 Surface Water Publication	783	24	2500	9696	900000	4989801	
40 Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4989242	
41 Emerg. Hazardous Waste Penalties NOV	957	32	9600	1896	900000	4164032	
42 Radiologic Tech. Certification	987	05	0500	1896	900000	4169005	
44 Ust Permit Fees	989	20	3100	1696	900000	4169020	
45 UST Tank Installers Fees	989	20	3100	1696	900000	4169021	
46 Food Permit Fees	991	28	2600	1696	900000	4169026	
43 Other							

* Gross Receipt Tax Required ** Site Name & Project Code Required TOTAL 1700.00

Contact Person: ED MARTIN Phone: 6-3492 Date: 7/20/01

Received in ASD By: _____ Date: _____ RT #: _____ ST #: _____

VOUCHER NUMBER	INVOICE DATE	INVOICE NO.	PURCHASE ORDER	AMOUNT		
				GROSS	DISCNT	NET
	06122001	GW-080		1700.00	0.00	1700.00
					TOTAL	1700.00

SPECIAL INSTRUCTIONS:

TO: L. CAMPBELL 6381 N. MAIN, ROSWELL, NM 88201

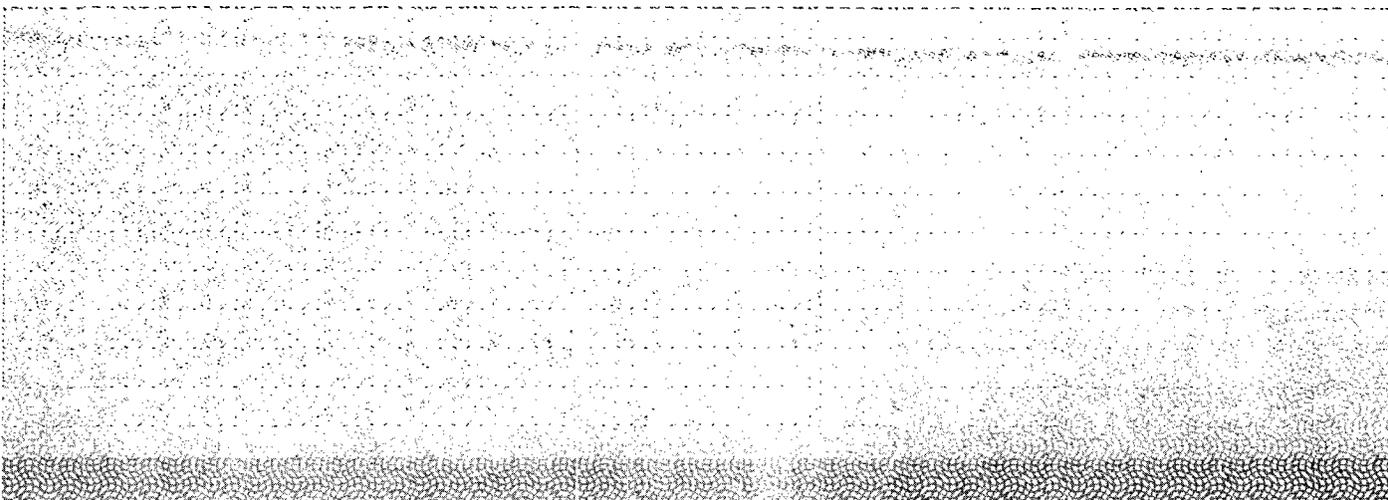
DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.

CHECK #



ATTACHED BELOW

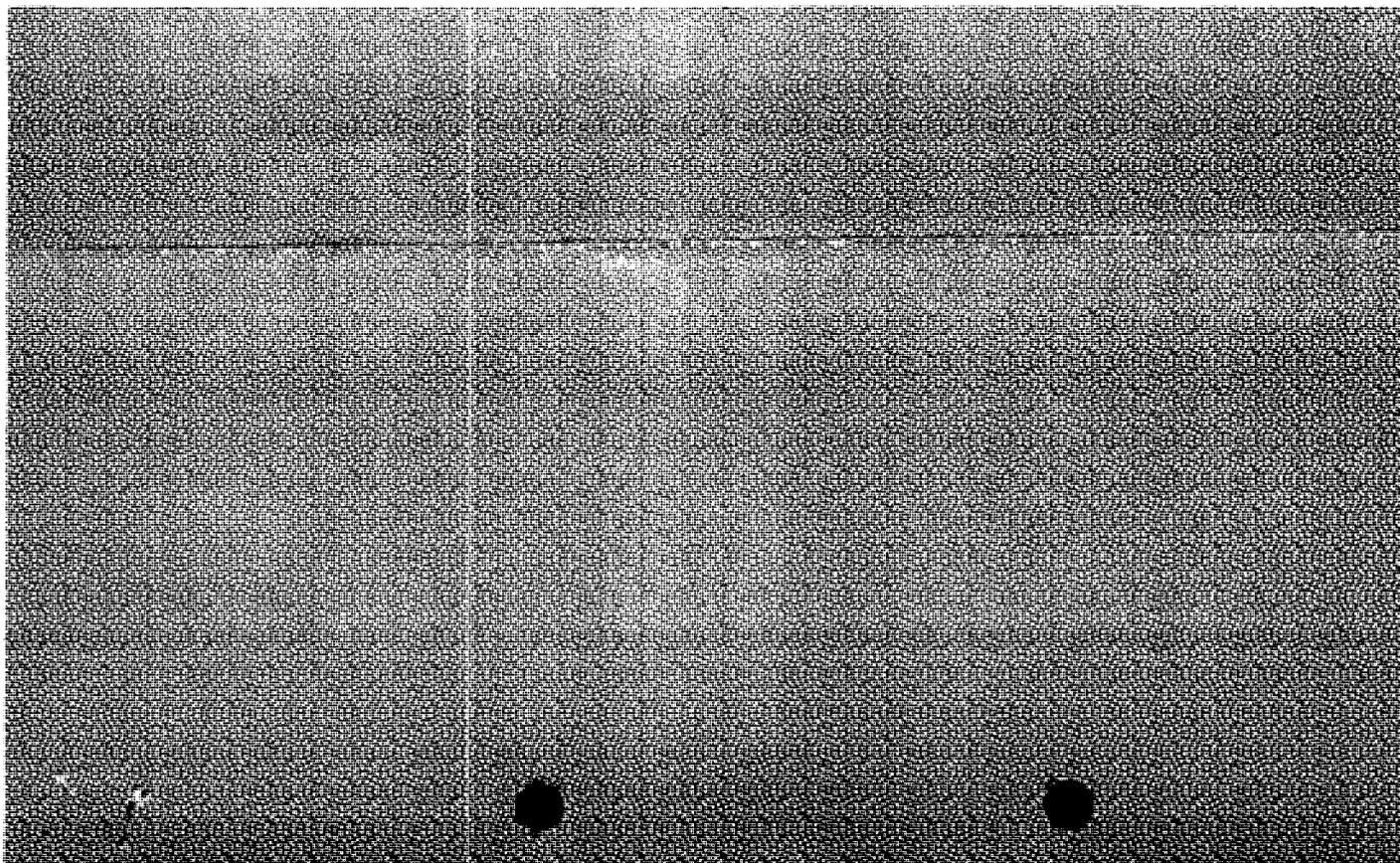
REMOVE DOCUMENT ALONG THIS PERFORATION





Transwestern Pipeline Co
P.O. BOX 1188
HOUSTON, TX 77251-1188

NEW MEXICO OIL CONSERVATION
DIVISION
1220 S ST FRANCIS DR
SANTA FE NM 87505





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

NOTICE OF PUBLICATION

Lori Wrotenbery
Director
Oil Conservation Division

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 application has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis, Santa Fe, New Mexico 87505, Telephone (505) 476-3462:

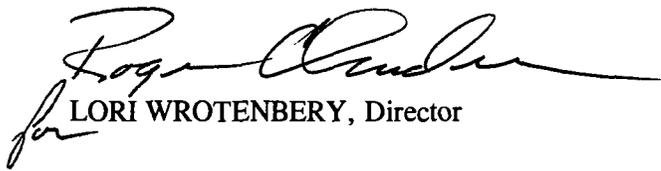
(GW-084) Transwestern Pipeline Co., Larry Campbell, Division Environmental Specialist, 6381 North Main St., Roswell, New Mexico 88201, has submitted a renewal application for the previously approved discharge plan for their San Juan Compressor Station, located in the NW/4 of Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of pipeline liquids will be stored onsite in a closed top steel tank within a bermed area prior to disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1,600 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 plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this *2nd* day of April 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


LORI WROTENBERY, Director

SEAL

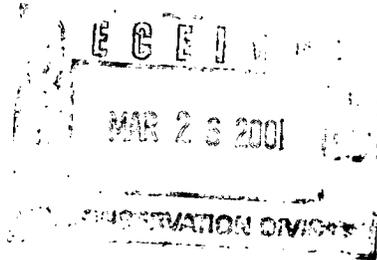


**Enron Transportation
& Storage**

*Services Provided by Northern
Natural Gas Company and
Transwestern Pipeline Company*

6381 N. Main St.
Roswell, NM 88201
(505) 625-8022 Phone
(505)-627-8172 Fax

March 22, 2001



Mr. Ed Martin
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Re: Renewal of Groundwater Discharge Plan GW-084, San Juan Compressor Station

Dear Mr. Martin:

Transwestern Pipeline Company, owner and operator of the San Juan Compressor Station, requests renewal by the Oil Conservation Division (OCD) of discharge plan GW-084. A completed renewal application accompanies this letter request in addition to a check (no. 1000000011) in the amount of \$100.00 to cover the applicable discharge filing fee.

Be advised that there have been no new modifications or alterations performed or constructed at this location which would differ from those originally covered under the original discharge plan application and operating practices currently at the facility reflect operating practices which were presented in the original application.

Should you require any additional information concerning this renewal request, contact the undersigned at our Roswell Technical Operations at (505) 625-8022.

Sincerely,

Larry Campbell
Division Environmental Specialist

xc: Rick Smith
San Juan Team
file

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

1. Type: COMPRESSOR STATION

2. Operator: TRANSWESTERN PIPELINE COMPANY

Address: 6381 NORTH MAIN STREET - SAN JUAN COMPRESSOR STATION GW-084

Contact Person: LARRY CAMPBELL Phone: _____

3. Location: _____ /4 NW 1/4 /4 Section 13 Township 29 N Range 11 W
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: LARRY CAMPBELL Title: DURSON ENVIRONMENTAL SPECIALIST

Signature: LARRY CAMPBELL Date: 3/23/01

VOUCHER NUMBER	INVOICE DATE	INVOICE NO.	PURCHASE ORDER	AMOUNT		
				GROSS	DISCOUNT	NET
	03/15/2001	GW-084		100.00	0.00	100.00
					TOTAL	100.00

Invoice Description:

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 3/15/01
or cash received on 3/26/01 in the amount of \$ 100.00
from TRANSWESTERN PIPELINE Co.
for SAN JUAN COMPRESSOR STA. GW-084

Submitted by: _____ Date: _____
Submitted to ASD by: EO MARTIN Date: 3/28/01
Received in ASD by: _____ Date: _____

Filing Fee New Facility _____ Renewal
Modification _____ Other _____
(quantity)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment or Annual Increment _____

THIS DOCUMENT IS PRINTED IN TWO COLORS. DO NOT ACCEPT UNLESS BLUE AND BROWN ARE PRESENT.



Transwestern Pipeline Co
P.O. BOX 1188
HOUSTON, TX 77251-1188

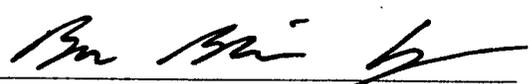
DATE 03/15/2001 NO. [REDACTED]

62-20
311

\$****100.00

NOT VALID AFTER 1 YEAR

PAY One Hundred and NO/100 Dollars
TO THE NEW MEXICO OIL CONSERVATION
ORDER OF DIVISION
1220 S ST FRANCIS DR
SANTA FE NM 87505


AUTHORIZED SIGNATURE

CITIBANK DELAWARE, A SUBSIDIARY OF CITICORP
ONE PENN'S WAY, NEW CASTLE, DE 19720



MOORE SECURITY MARK™ • MOORE SECURITY MARK™ • MOORE

MOORE SECURITY MARK™ • MOORE SECURITY MARK™ • MOORE

**NEW MEXICO ENVIRONMENT DEPARTMENT
REVENUE TRANSMITTAL FORM**

Description	FUND	CES	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT
1 CY Reimbursement Project _____ Tax _____	064	01					
5 Gross Receipt Tax	064	01		2329	900000	2329134	
3 Air Quality Title V	092	13	1300	1696	900000	4169134	
4 PRP Prepayments	248	14	1400	9696	900000	4989014	
2 Climax Chemical Co.	248	14	1400	9696	900000	4989015	
6 Circle K Reimbursements	248	14	1400	9696	900000	4989248	
7 Hazardous Waste Permits	339	27	2700	1696	900000	4169027	
8 Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4166339	
10 Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	
11 Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4189029	100.00
12 Air Quality Permits	631	31	2500	1696	900000	4169031	
13 Payments under Protest	651	33		2919	900000	2919033	
*14 Xerox Copies	652	34		2349	900000	2349001	
15 Ground Water Penalties	652	34		2349	900000	2349002	
16 Witness Fees	652	34		2349	900000	2439003	
17 Air Quality Penalties	652	34		2349	900000	2349004	
18 OSHA Penalties	652	34		2349	900000	2349005	
19 Prior Year Reimbursement	652	34		2349	900000	2349006	
20 Surface Water Quality Certification	652	34		2349	900000	2349009	
21 Jury Duty	652	34		2349	900000	2349012	
22 CY Reimbursements (i.e. telephone)	652	34		2349	900000	2349014	
*23 UST Owner's List	783	24	2500	9696	900000	4969201	
*24 Hazardous Waste Notifiers List	783	24	2500	9696	900000	4969202	
*25 UST Maps	783	24	2500	9696	900000	4989203	
*26 UST Owner's Update	783	24	2500	9696	900000	4969205	
*28 Hazardous Waste Regulations	783	24	2500	9696	900000	4969207	
*29 Radiologic Tech. Regulations	783	24	2500	9696	900000	4969208	
*30 Superfund CERLIS List	783	24	2500	9696	900000	4969211	
31 Solid Waste Permit Fees	783	24	2500	9696	900000	4969213	
32 Smoking School	783	24	2500	9696	900000	4969214	
*33 SWQB - NPS Publications	783	24	2500	9696	900000	4969222	
*34 Radiation Licensing Regulation	783	24	2500	9696	900000	4969228	
*35 Sale of Equipment	783	24	2500	9696	900000	4969301	
*36 Sale of Automobile	783	24	2500	9696	900000	4969302	
*37 Lost Recoveries	783	24	2500	9696	900000	4969814	
*38 Lost Repayments	783	24	2500	9696	900000	4969815	
39 Surface Water Publication	783	24	2500	9696	900000	4969801	
40 Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4989242	
41 Emerg. Hazardous Waste Penalties NOV	957	32	9600	1696	900000	4164032	
42 Radiologic Tech. Certification	987	05	0500	1696	900000	4169005	
44 Ust Permit Fees	989	20	3100	1696	900000	4169020	
45 UST Tank Installers Fees	989	20	3100	1696	900000	4169021	
46 Food Permit Fees	991	26	2600	1696	900000	4169026	
43 Other							

* Gross Receipt Tax Required

-- Site Name & Project Code Required

TOTAL 100.00

Contact Person:

Ed Martin

Phone:

476-3492

Date:

3/28/01

Received in ASD By: _____

Date: _____

RT #: _____

ST #: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenberg
Director
Oil Conservation Division

March 2, 2001

Mr. Larry Campbell
Transwestern Pipeline Co.
6381 North Main
Roswell, New Mexico 88201

Dear Larry,

The discharge plans on the following facilities will expire as shown:

GW-084 San Juan Compressor Station	9/26/01
GW-080 Thoreau Compressor Station	11/14/01

Please see below rule quotation:

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]

Effective January 15, 2001, fees for discharge plans and their renewals have increased. The filing fee is now \$100.00 instead of \$50.00. Please enclose a check for the \$100.00 filing fee with the above renewals. Attached is a renewal form for your use. If you would like, I can e-mail this form to you in MS Word.

If you have any questions, do not hesitate to contact me at 505-476-3492 or e-mail me: emartin@state.nm.us.

Ed Martin
NMOCD Environmental Bureau

Attachments: 1



781 Neeb Road
Cincinnati, Ohio 45233
Tel 513/922-8199
Fax 513/922-9150
e-mail: dhoeting@bheenv.com

GW089

10 December 1998

Director
Energy, Minerals and Natural Resources
Energy Conservation and Management Division
408 Galisteo St.
Santa Fe NM 87501

RE: Transwestern Pipeline Company's Proposed Bloomfield Compressor Station Modifications

Dear Director:

Transwestern Pipeline Company (Transwestern) is proposing to install an additional 8 bay cooler on the discharge of their compressor station, and all associated power, gas and instrumentation lines at their existing Bloomfield compressor station located near Bloomfield, New Mexico. The discharge of each compressor will relieve into the existing discharge header. The cooler will be connected to the existing header and flow out of the station on the existing line. Lines to and from the cooler will be 30" pipe. The cooler inlet lines (16) will be 8" lines. Their proposed modifications are for the purpose of providing cooling to the discharge of the station in order to increase capacity and reduce thermal effects on pipe coating.

As planned, all ground disturbances will occur within existing fenced compressor station property. No new land will be permanently impacted, and all temporary impacts will occur on existing compressor station property designated as industrial land use.

Transwestern is requesting your agency's comments, for the current project, in order to address any potential impact to sensitive resources and threatened and endangered species, or other issues of concerns. Please identify specific areas where concerns are present and include any required or suggested measures to avoid or minimize impacts.

Attached is map of the project area showing the existing Bloomfield compressor station site on the Bloomfield, New Mexico 7.5 minute USGS topographic map. Should you have any questions, or require additional information, please contact me at (513) 922-8199.

Sincerely,

Diane Hoeting

Diane M. Hoeting
Project Manager, Natural Resources Group
3DE Group of BHE Environmental, Inc.

cc: Butch Russell (Transwestern)

*CALLER 9/16/99
WILL NEED TO
SEND WRITTEN REQUEST
FOR DP- APPROVAL!
W/DATE!
DHO*

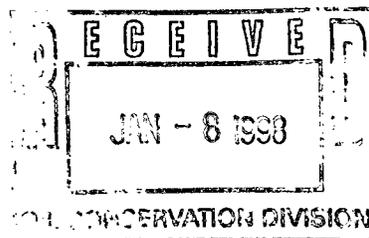


January 5, 1998

Enron Transportation & Storage

Services Provided by Northern Natural Gas Company and Transwestern Pipeline Company
Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, NM 87110
(505) 260-4000
Fax (505) 254-1437

Mr. Roger Anderson
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505



Reference: **Underground Drain Line Testing, Transwestern Pipeline Company'
San Juan Compressor Station Bloomfield New Mexico GW- 84**

Dear Mr. Anderson:

The following report presents the results of the underground drain line testing at the Transwestern Pipeline Company (Transwestern) San Juan Compressor Bloomfield New Mexico facility. This station is currently operating under OCD discharge plan GW- 84, which requires drain line testing to be conducted on all underground drain lines. The testing program was conducted using the methodology submitted by letter on July 8, 1997 to the OCD, which was then approved by the agency on July 16, 1997.

METHODOLOGY

The testing program was initiated on December 12 - 23, 1997. The following drain line systems at the facility were hydrostatically tested:

<u>Drain Line System</u>	<u>Length of Line (ft.)</u>	<u>Size of pipe (in.)</u>
Number 4 Compressor Bldg. to Header Sump	108	3.0
Generator Bldg. to OWW(1) Sump	225	4.0
Compressor Bldg. Floor Drains to Header Line	36	4.0
	144	2.0
Header Line to OWW Sump	180	6.0
Comp. Bldg. OWW Sump To OWW Tank	306	2.0

(1)Oily Waste Water

For each drain line tested, the following methodology was employed. A test header was constructed by isolating each drain line and attaching and sealing a 90 degree elbow of the same pipe diameter to one of the two drain pipe ends. A seven 7 ft vertical pipe of the same pipe diameter was attached and sealed to the exposed vertical end of the 90 degree elbow. At the horizontal terminal end of the exposed drain pipe a test plug was temporarily inserted and sealed. The drain line and attached test header was then filled with water to a marked level on the vertical pipe of 6.95 ft. above the horizontal elevation of the drain pipe. This water level head created a positive pressure of 3.0 psi upon the existing piping system. This pressure was then allowed to equilibrate in the pipe and the test was conducted for a period of thirty minutes to determine water loss in the pipe. Any water leakage will be indicated by a drop in the water level of the vertical pipe below the 6.95 ft mark.

RESULTS

The results of the drain line testing recorded no instances where the water level in the vertical stand pipe receded below the water level mark of 6.95 ft. Based upon the results of this study, Transwestern concludes that the integrity of all underground drain line systems at this facility are intact and that no further actions are required on these lines.

Should you desire additional information concerning this testing procedure or report, contact Mr. James Russell at (505) 260-4011 or Mr. Larry Campbell at (505) 625-8022.

Sincerely,


James R. Russell
Environmental Specialist

xc: Rich Jolly
Larry Campbell
San Juan Team
File

Transwestern Pipeline Company
 TECHNICAL OPERATIONS
 6381 North Main • Roswell, New Mexico 88201

RECEIVED
 JAN 23 1997

Environ. Conservation
 Oil Conservation Division

January 17, 1997

23

Mr. Pat Sanchez
 Oil Conservation Division
 2048 Pacheco St.
 Santa Fe, New Mexico 87502

Re: Land Ownership Status, Transwestern Pipeline Company Facilities

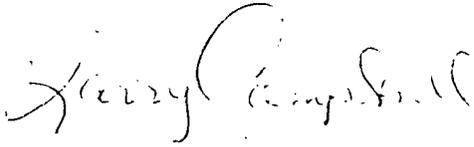
Dear Mr. Sanchez:

As per your request in January of this year, presented below are the land ownership designations for those Transwestern facilities which are covered under the Oil Conservation Division's (OCD) groundwater discharge plans:

<u>Facility</u>	<u>Discharge Plan No.</u>	<u>Ownership</u>
C/S No. 5, Thoreau	GW- 80	Transwestern
Bloomfield C/S	GW- 84	Transwestern
C/S No. 6, Laguna	GW- 95	Luguna Reservation
C/S No. 7, Mountainair	GW-110	Transwestern
C/S No. 8, Corona	GW- 89	Transwestern
C/S No. 9, Roswell	GW- 52	Transwestern
Portales (P-1) C/S	GW- 90	Transwestern
Carlsbad (Wt-1) C/S	GW-109	Transwestern
Monument Turbine C/S	GW-197	Transwestern
Eunice C/S	GW-113	Transwestern

Should you require additional information concerning the above listed facilities, contact the undersigned at our Roswell Technical Operations office at (505) 625-8022.

Sincerely,



Larry Campbell
Division Environmental Specialist

RECEIVED

JAN 23 1997

Environmental Bureau
Oil Conservation Division

file

GW-84

Transwestern Pipeline Company

4001 Indian School Road, Northeast, Suite 250 Albuquerque, New Mexico 87110 (515) 260-4000 Fax (505) 254-1437

RECEIVED

Ms. Carol D. Peters
United States Environmental Protection Agency
Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

7-17-96

AUG 28 1996

CONSERVATION DIVISION

Re: TPL Examine All Compressor Station West of Corona, New Mexico

Dear Ms. Peters:

Transwestern Pipeline has examined all Compressor Stations west of Corona, New Mexico to see if any liquid in our work operation is being removed from fuel filters into a bottomless cistern. In our investigation we have found no operating practices where liquid is being removed from the fuel filters and drained into a bottomless cistern.

If you have any questions concerning this response, please give me a call at (505) 260-4011.

Sincerely,

James R. Russell
James R. Russell
Environmental Specialist

cc: Roger Anderson, NMOCD
Joe Hulscher
Rich Jolly
Larry Campbell

RECEIVED

AUG 28 1996

Environment
Oil Conservation Division

62-20-134

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 1/31/96 or cash received on _____ in the amount of \$ 690.00

from ENRON

for Bloomfield C.S. GW-84

Submitted by: _____ Date: _____

Submitted to ASD by: R. Anderson Date: 3/25/96

Received in ASD by: Angela Herrera Date: 3-29-96

Filing Fee _____ New Facility _____ Renewal X

Modification _____ Other _____

Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

ENRON CORP

TRANSWESTERN PIPELINE COMPANY P.O. BOX 1188 HOUSTON, TEXAS 77251-1188

92-20 311

No. [redacted]

01/31/96

PAY TO THE ORDER OF NMED-WATER QUALITY MANAGEMENT OIL CONSERVATION DIVISION 2040 SOUTH PACHECO ST SANTA FE, NM 87504-

SSSSSSSSSSSS690.00

NOT VALID AFTER 90 DAYS

Six Hundred Ninety and 00/100 Dollars

[Signature]

AUTHORIZED SIGNATURE



TRANSWESTERN PIPELINE COMPANY
P.O. BOX 1188
HOUSTON, TEXAS 77251-1188

**ENRON
CORP**

0011897 SD

7585

EMSA3

01/31/96

NMED-WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO ST
SANTA FE, NM
87504-

PG 1 OF 1

VENDOR NO. #B22134121

REMITTANCE STATEMENT

VOUCHER NO.	INVOICE DATE	INVOICE NUMBER	PURCHASE ORDER	AMOUNT		
				GROSS	DISCOUNT	NET
9601002766	01/29/96	Z-765-963-012		690.00	0.00	690.00
						TOTAL 690.00

SPECIAL INSTRUCTIONS:

MAIL TO: TRANSWESTERN 6381 N. MAIN ROSWELL, NM 88201

THIS STUB FOR YOUR RECORDS

CHECK # 000000122 - DEPOSITED 01/31/96



CONSERVATION DIVISION
RECEIVED
36 FEB 20 1996 8 52

Transwestern Pipeline Company

TECHNICAL OPERATIONS

6381 North Main • Roswell, New Mexico 88201

February 14, 1996

Mr. Pat Sanchez
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, NM 87504

RE: Discharge Plan Renewal Fee, Bloomfield Compressor Station, GW-84

Dear Pat:

Attached please find a check no. 0602008172, in the amount of \$690.00 to cover the filing fee to renew the Transwestern Pipeline Company, Bloomfield Compressor Station Discharge Plan. This facility is currently operating under GW-84.

If you require additional information, please contact our Roswell office of Operations and Commercial Support at (505) 625-8022.

Sincerely,



Larry Campbell
Division Environmental Specialist

xc: Gallup Team
Butch Russell
Arnie Bailey
Roger Osborn
file

AFFIDAVIT OF PUBLICATION

No. 35847

COPY OF PUBLICATION

STATE OF NEW MEXICO

County of San Juan:

ROBERT LOVETT being duly sworn says: That he is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

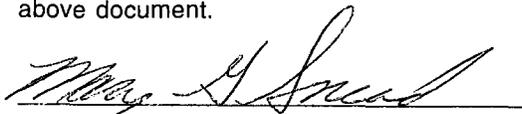
Thursday, February 1, 1996

and the cost of publication is: \$66.11



OR 3/7/96 ROBERT LOVETT

appeared before me, whom I know personally to be the person who signed the above document.



My Commission Expires March 21, 1998

Legals



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, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-84) - Transwestern Pipeline Company, Mr. Larry Campbell, (505) 625-8022, 6381 North Main, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Application for their Bloomfield Compressor Station located in the NW/4, Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of pipeline liquids will be stored onsite in an above ground closed top steel tank within a bermed area prior to transport offsite at an approved OCD disposal facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1,600 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 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 17th day of January, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

/s/William J. LeMay
WILLIAM J. LEMAY, Director
WJL/pws

SEAL

Legal No. 35847 published in The Daily Times, Farmington, New Mexico on Thursday, February 1, 1996.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

February 21, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-963-025

Mr. Larry Campbell
Division Environmental Specialist
Transwestern Pipeline Company
6381 North Main
Roswell, NM 88201

RE: Discharge Plan Inspection
San Juan Compressor Station GW-084
San Juan County, New Mexico

Dear Mr. Campbell:

The OCD along with Transwestern Pipeline Company personnel on February 14, 1996 inspected the San Juan Compressor Station located in NW/4, Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. The purpose of this inspection was to ensure that GW-084 a previously approved discharge plan compressor site was in compliance with the NMOCD approved discharge plan GW-084. During the inspection the NMOCD took photographs of the San Juan Compressor Station facility and duplicate copies of these photos are enclosed for Transwestern Pipeline Company's reference.

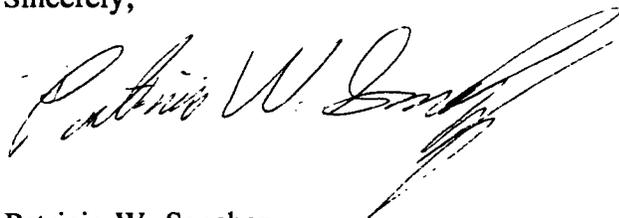
Upon inspecting the facility and discussing environmental operations at the site with Transwestern Pipeline Company personnel it is OCD's conclusion that the site is in compliance with GW-084 permit conditions. The personnel at the site appeared to be committed to ensuring that the facility remain well maintained and as you can see by the photos included with this inspection report they have done an outstanding job. Two minor areas that need to be included as part of the permit compliance are:

- Yearly inspection and cleaning of the small sump located in the tank/drum storage area.
- Yearly inspection and cleaning underneath the turbine room foundation metal plating.

Mr. Larry Campbell
February 21, 1996
Page 2

Should Transwestern Pipeline Company have any questions regarding this inspection please feel free to call me at (505)-827-7156.

Sincerely,

A handwritten signature in cursive script, appearing to read "Patricio W. Sanchez". The signature is written in black ink and is positioned to the right of the typed name.

Patricio W. Sanchez
Petroleum Engineer

xc: Denny Foust - Aztec District.

TRANSWESTERN GW-084 "San Juan Compressor station"



Photo No.1 Transwestern GW-084 2/14/96



Photo No.2 Transwestern GW-084 2/14/96

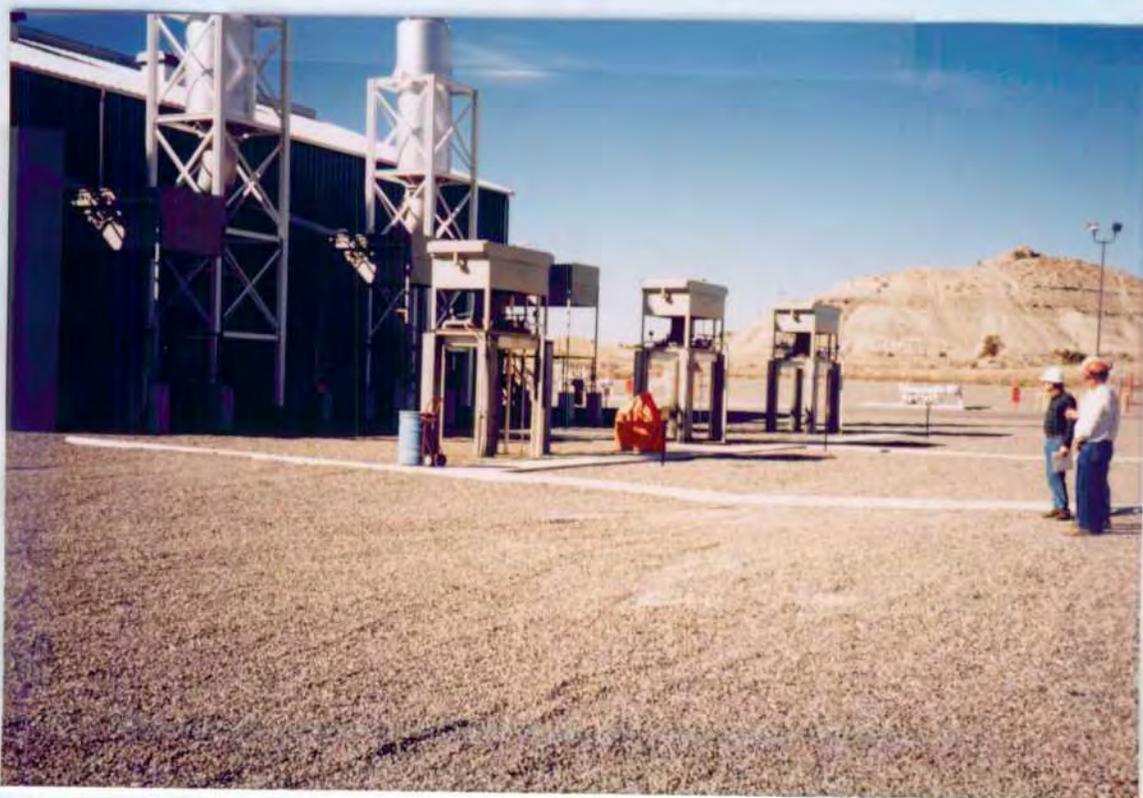


Photo No. 3 Transwestern GW-084 2/14/96



Photo No. 4 Transwestern GW-084 2/14/96



Photo No.5 Transwestern GW-084 2/14/96



Photo No.6 Transwestern GW-084 2/14/96



Photo No. 7 Transwestern GW-084 2/14/96

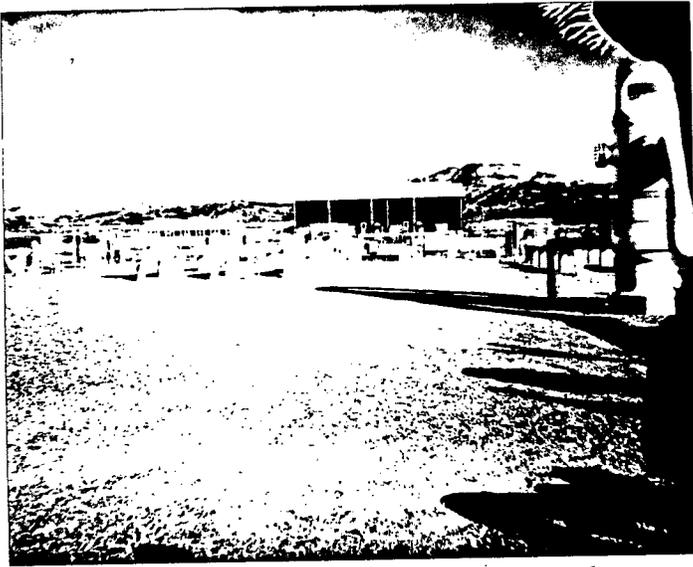


Photo No. 8 Transwestern GW-084 2/14/96

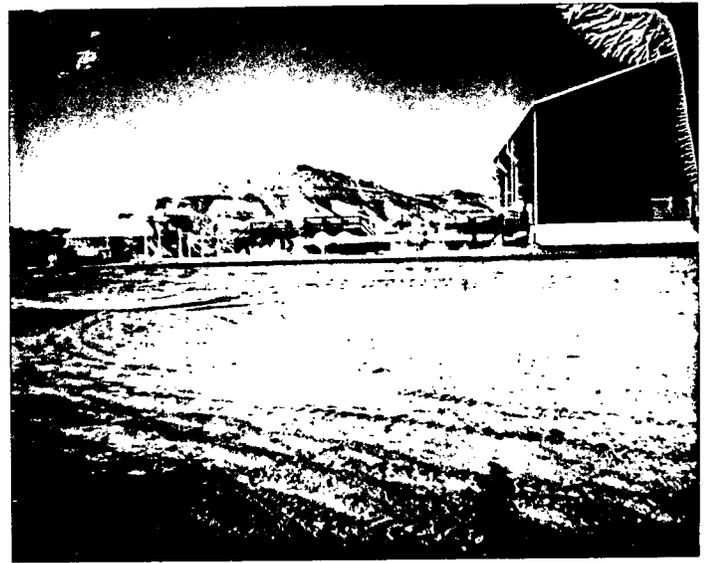


Photo No. 9 Transwestern GW-084 2/14/96

COPY of Photos TAKEN by Transwestern
Personnel on 2/14/96 (6W-084)



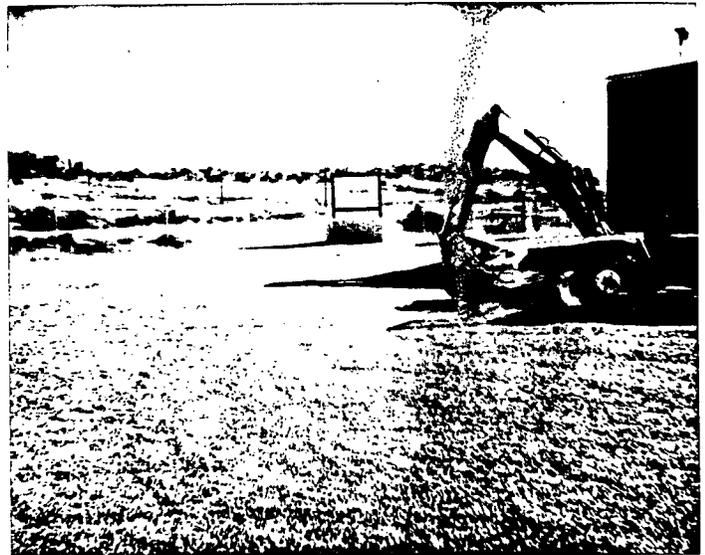
2/14/96 Bloomfield
Hub area



2/14/96 Bloomfield
cooling
Fans + Eng ROOM.



2/14/96 Bloomfield
control room, Eng ROOM +
office



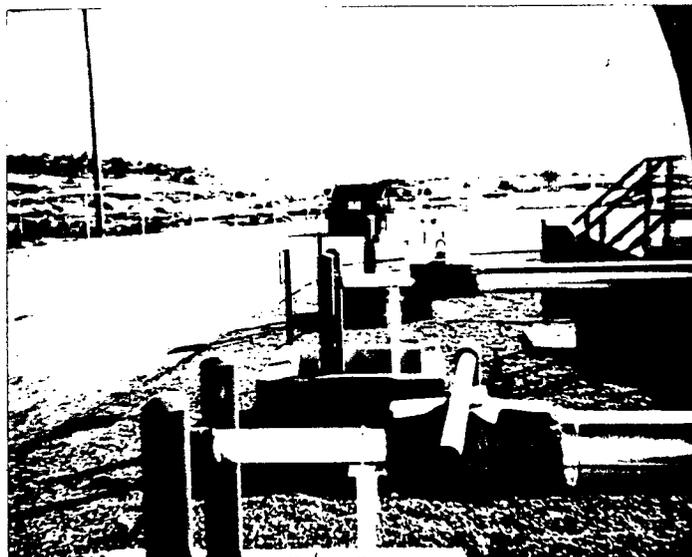
2/14/96 Bloomfield
Sign part of the shop.



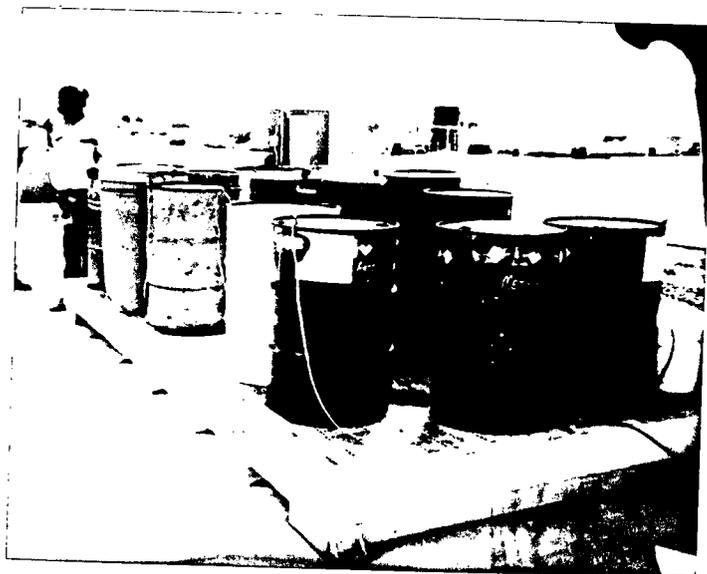
2/14/96 Bloomfield
Walking To Containment Tank
area.



2/14/96 BloomField
Eng. Room + Fen Fans



2/14/96 BloomField
unloading Dock for ^{oily wastewater} + Pipeline Cond.



2/14/96 BloomField
Barrel Dock



2/14/96 BloomField
Air Tanks + Control Room.

MEMORANDUM OF MEETING OR CONVERSATION

Certified Mail Return Receipt: Z-765-963-012

Telephone

Personal

Time 3:45 pm

Date 1-29-96

Originating Party

Other Parties

Mr. Campbell - Transwestern

Pat Sanchez - NMOCD

Subject

Fee - Filing & Flat for Discharge Plan
GW-84 Renewal - "Bloomfield Compressor"

Discussion

Mr. Campbell had already sent in the
50 \$ Filing fee; therefore the flat fee
should be 690 \$ for GW-84 - not 740 \$.

Therefore OCD is returning the attached
check so that Transwestern may submit
the correct Flat Fee of 690 \$ for the
GW-84 "Bloomfield Compressor" discharge plan
renewal.

Conclusions or Agreements

Mr. Campbell will resubmit the correct
Flat Fee of 690 \$ for Renewal of
GW-84 "Bloomfield Compressor."

Distribution

File GW-084, Mr. Campbell

Signed

Patricia W. Gandy

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

January 23, 1996

Mr. Mark Ashley
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, NM 87504

RECEIVED

JAN 29 1996

Environmental Bureau
Oil Conservation Division

RE: Discharge Plan GW-84 Renewal, Bloomfield Compressor Station, San Juan County, NM

Dear Mr. Ashley:

Attached please find a check for \$740.00 (check no. 0602006552) to cover the filing fee and flat fee to renew the Bloomfield Compressor Station Discharge Plan GW-84.

If you require additional information, please contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

Z 745 963 012

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)



Sent to	Mr. Larry Campbell
Street and No.	- Return check.
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

xc: file
Oil Conservation Division, 1000 Rio Brazos Road, Aztec, New Mexico 87410



0015308 SD

7570

EMSA3

01/09/96

PG 1 OF 1

NMED-WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO ST
SANTA FE, NM
87504

VENDOR NO. #B22134121

REMITTANCE STATEMENT

VOUCHER NO.	INVOICE DATE	INVOICE NUMBER	PURCHASE ORDER	AMOUNT		
				GROSS	DISCOUNT	NET
9601000278	12/20/95	MISC122095		740.00	0.00	740.00
TOTAL						740.00

SPECIAL INSTRUCTIONS:

MAIL TO: TW 6381 N. MAIN ROSWELL, NM 88201 - OVERNIGHT

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.

CHECK # [REDACTED] ATTACHED BELOW



TRANSWESTERN PIPELINE COMPANY
P.O. BOX 1188
HOUSTON, TEXAS 77251-1188

62-20
311

No. [REDACTED]

01/09/96

PAY TO THE ORDER OF
NMED-WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO ST
SANTA FE, NM
87504

\$\$\$\$\$\$\$\$\$\$\$\$740.00

NOT VALID AFTER 90 DAYS

Seven Hundred Forty and 00/100 Dollars

AUTHORIZED SIGNATURE

The Santa Fe New Mexican

Since 1849. We Read You.

NEW MEXICO OIL CONSERVATION DIVISION
ATTN: SALLY MARTINEZ
P.O. BOX 6429
SANTA FE, N.M. 87504-6429

AD NUMBER: 460843

ACCOUNT: 56689

LEGAL NO: 58947

P.O. #: 96199002997

167 LINES once at \$ 66.80

Affidavits: 5.25

Tax: 4.50

Total: \$ 76.55

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
Energy, Minerals and
Natural Resources
Department
Oil Conservation Division

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 plans 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 shall be held. A hearing will be held if the Director determines there is significant public interest.

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, 2040 South Pacheco, Santa Fe, New Mexico, 87505, Telephone (505) 827-7131:

(GW-84) - Transwestern Pipeline Company, Mr. Larry Campbell, (505) 625-8022, 6381 North main, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Applications for their Bloomfield Compressor Station located in the NW/4, Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of pipeline liquids will be stored onsite in an above ground closed top steel tank within a bermed area prior to transport offsite at an approved OCD disposal facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1,600 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

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 16th of January, 1996.
STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director
Legal #58947
Pub. January 24, 1996

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 # 58947 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 24th day of JANUARY 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
24th day of JANUARY A.D., 1996



OFFICIAL SEAL

Candace C. Ruiz

NOTARY PUBLIC - STATE OF NEW MEXICO

My Commission Expires: 9/29/99

Candace C. Ruiz

NOTICE OF PUBLICATION

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

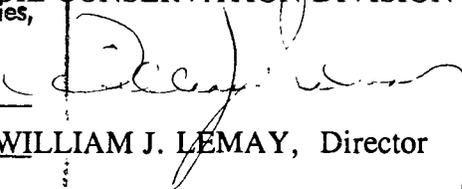
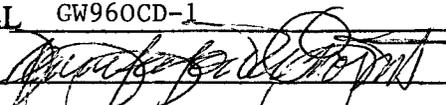
Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-84) - Transwestern Pipeline Company , Mr. Larry Campbell, (505)-625-8022, 6381 North Main, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Application for their Bloomfield Compressor Station located in the NW/4, Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of pipeline liquids will be stored onsite in an above ground closed top steel tank within a bermed area prior to transport offsite at an approved OCD disposal facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1,600 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 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 17th day of January, 1996.

NO EFFECT FINDING	STATE OF NEW MEXICO
The described action will have no effect on listed species, wetlands, or other important wildlife resources.	OIL CONSERVATION DIVISION
Date <u>January 24, 1996</u>	
Consultation # <u>SEAL GW96OCD-1</u>	WILLIAM J. LEMAY, Director
Approved by 	WJL/pws
U.S. FISH and WILDLIFE SERVICE	
NEW MEXICO ECOLOGICAL SERVICES FIELD OFFICE	
ALBUQUERQUE, NEW MEXICO	

NOTICE OF PUBLICATION

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

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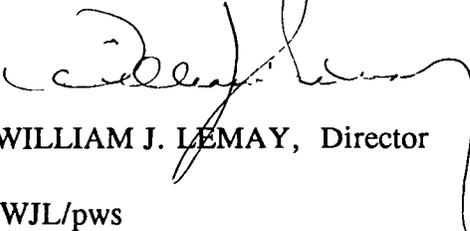
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of January, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

WJL/pws

S E A L

FAX (505) 625-8060

Oil Conservation Division
RECEIVED
Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

January 9, 1996

Mr. Patricio Sanchez
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, NM 87504

RECEIVED

JAN 16 1996

Environmental Bureau
Oil Conservation Division

RE: Discharge Plan GW-84 Renewal, Bloomfield Compressor Station, San Juan County, NM
Supplemental Information

Dear Mr. Sanchez:

As per our conversation on 01/09/96, enclosed please find a revised discharge application for the for Transwestern Pipeline Company's Bloomfield Compressor Station. Please be advised that Transwestern will be performing engine modifications and additions at this facility in 1996 to increase the current horsepower rating from to 14,613 to an estimated 27,220.

If you require additional information, please contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,



Larry Campbell
Division Environmental Specialist

xc: file
Oil Conservation Division, 1000 Rio Brazos Road, Aztec, New Mexico 87410

DISCHARGE PLAN RENEWAL APPLICATION ATTACHMENT SHEET

BLOOMFIELD COMPRESSOR STATION, GW-84

1. Natural Gas Pipeline Compressor Station
2. Transwestern Pipeline Company, Bloomfield Compressor Station
6381 North Main Street
Roswell, NM 88201
Larry Campbell, (505) 625-8022
3. NW1/4 Section 13, T.29N, R.11W, San Juan County, NMPM
refer to original Discharge Plan Application approved September 26, 1991
4. N/A - not a disposal facility.
5. Refer to original Discharge Plan Application approved September 26, 1991.
6. Processes are identical to those outlined in September 10, 1991 application.
7. Refer to original Discharge Plan Application approved September 26, 1991.
8. Refer to original Discharge Plan Application approved September 26, 1991.
9. Refer to original Discharge Plan Application approved September 26, 1991.
10. Refer to original Discharge Plan Application approved September 26, 1991.
11. Refer to original Discharge Plan Application approved September 26, 1991.
12. Refer to original Discharge Plan Application approved September 26, 1991.

JAN 16 1996

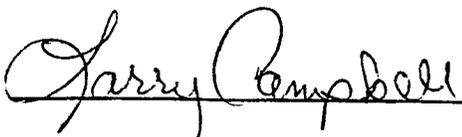
Environmental Bureau
Oil Conservation Division
GW-84

**DISCHARGE PLAN APPLICATION FOR NATURAL GAS PROCESSING PLANTS,
OIL REFINERIES AND GAS COMPRESSOR STATIONS**
(Refer to OCD Guidelines for assistance in completing the application.)

- I. TYPE: NATURAL GAS PIPELINE COMPRESSOR STATION
- II. OPERATOR: Transwestern Pipeline Company, Bloomfield Compressor Sta.
ADDRESS: 6381 North Main Street, Roswell, NM 88201
CONTACT PERSON: LARRY CAMPBELL PHONE: (505) 625-8022
- III. LOCATION: /4 ^{NW} /4 Section 13 Township 29N Range 11W
Submit large scale topographic map showing exact location.
- IV. Attach the name and address of the landowner(s) of the disposal facility site.
- V. Attach description of the facility with a diagram indicating location of fences, pits, dikes, and tank on the facility.
- VI. Attach a description of sources, quantities and quality of effluent and waste solids.
- VII. Attach a description of current liquid and solid waste transfer and storage procedures.
- VIII. Attach a description of current liquid and solid waste disposal procedures.
- IX. Attach a routine inspection and maintenance plan to ensure permit compliance.
- X. Attach a contingency plan for reporting and clean-up of spills or releases.
- XI. Attach geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quality of ground water must be included.
- XII. Attach such other information as is necessary to demonstrate compliance with any other OCI rules, regulations and/or orders.
- XIII. CERTIFICATION

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

Name: LARRY CAMPBELL Title: Division Environmental Specialist

Signature:  Date: 12/15/95

DISTRIBUTION: Original and one copy to Santa Fe with one copy to appropriate Division District Office

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated _____,
or cash received on 1/16/96 in the amount of \$ 50.00
from Transwestern
for Bloomfield GW-084
(Facility Name)

Submitted by: _____ Date: _____ (OP No.)

Submitted to ASD by: R. Chandler Date: 1/16/96

Received in ASD by: Angela Herrera Date: 1-17-96

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 _____



TRANSWESTERN PIPELINE COMPANY
P.O. BOX 1188
HOUSTON, TEXAS 77251-1188

62-20
311

No. [redacted]

12/20/95

PAY TO THE ORDER OF NMED-WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO ST.
SANTA FE, NM
87504

SSSSSSSSSSSSSS50.00

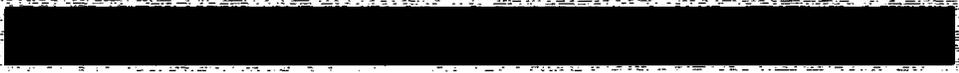
NOT VALID AFTER 90 DAYS

Fifty and 00/100 Dollars

KML

AUTHORIZED SIGNATURE

CITIBANK DELAWARE, A SUBSIDIARY OF CITICORP.
ONE PENN'S WAY, NEW CASTLE, DE 19720



TRANSWESTERN PIPELINE COMPANY
P.O. BOX 1188
HOUSTON, TEXAS 77251-1188

ENRON
CORP

0002720 SD

6033

EMSA3

12/20/95

NMED-WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO ST
SANTA FE, NM
87504-

PG 1 OF 1

VENDOR NO. #B22134121

REMITTANCE STATEMENT

VOUCHER NO.	INVOICE DATE	INVOICE NUMBER	PURCHASE ORDER	AMOUNT		
				GROSS	DISCOUNT	NET
9999999999	12/15/95	INV121595		50.00	0.00	50.00
			ATTN: ACCOUNTS PAYABLE PLEASE SEND THE CHECK TO J. HEWETT (505)625-8037 6381 N. MAIN ST. ROSWELL, NM 88201			
						TOTAL 50.00

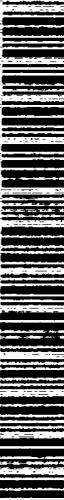
SPECIAL INSTRUCTIONS:

OVERNIGHT TO: TRANSWESTERN 6381 N. MAIN ROSWELL, NM 88201

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.

CHECK

ATTACHED BELOW



Need to call Butch Russell

Roger Anderson

formerly known as Block 17.

India has accepted a bid from a group led by Vaalco to develop oil and gas on CY-OS/2 and is negotiating terms of a PSC covering the tract. The group includes operator Vaalco, Mos-

bacher India, Hindustan Oil, and Tata Petrodyne with 25% interest each. Vaalco also heads a group seeking to develop PY-3 field, also within CY-OS/2.

Although surrounded by CY-OS/2, PY-1 and PY-3 are separate tracts.

main line operating pressure at Thoreau. Transwestern estimates that decreasing main line operating pressure to as little as 800 psi from about 950 psi at Thoreau would curb main line capacity to California by as much as 140 MMcfd. However, it also would boost Transwestern's yearly capacity out of the San Juan basin by 85 MMcfd and peak day capacity by as much as 105 MMcfd.

"The flexibility requested in operating our main line facilities recognizes today's market realities of intense interstate pipeline competition for the California market and unmet demand for greater pipeline access from the San Juan basin," Transwestern said "It also allows Transwestern to respond on a real time basis to future changes in the dynamics of the marketplace."

Transwestern proposes to pay \$21 million for controlling interest in Northwest's La Plata facilities. As part of the purchase, Transwestern has subscribed to 75 MMcfd of La Plata facilities capacity, including 60 MMcfd that continues through the San Juan facilities to be expanded. Northwest is to assign to Transwestern firm contracts for the remaining 201 MMcfd of capacity.

The shares of interest and transportation capacity acquired by Transwestern are to be adjusted based on certain undisclosed elections by Northwest customers.

Transwestern line schedules San Juan basin expansion

Transwestern Pipeline Co. has proposed a three part expansion program to boost capacity of its San Juan basin gas pipeline lateral by as much as 275 MMcfd.

The company said added capacity is needed to serve market demand for San Juan basin gas in Transwestern's traditional California market and in markets on the eastern end of its pipeline system.

Expansion plans include adding compression at two sites in San Juan County of Northwest New Mexico and

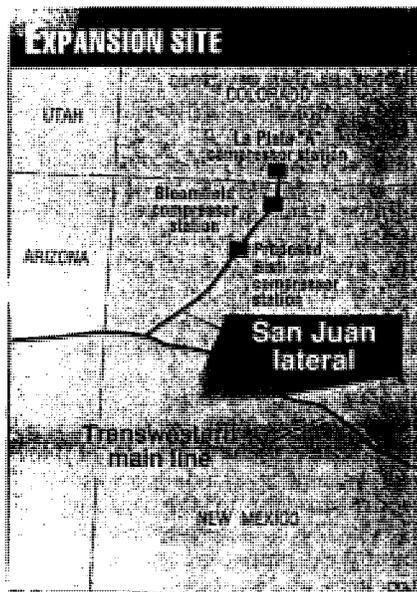
of its 4,500 mile system that originates in West Texas and western Oklahoma.

Expansion overview

Transwestern in an application to the Federal Energy Regulatory Commission early in October asked for a permit to add a 7,000 hp compressor at its Bloomfield compressor station and build a 10,000 hp compressor station near Bisti, N.M.

The two projects would expand Transwestern's San Juan capacity by about 170 MMcfd, all of which is committed to firm transportation agreements. Amoco Energy Trading holds 90 MMcfd and Meridian Oil Trading Inc. 80 MMcfd. Both are units of San Juan's largest gas producers.

FERC also must decide whether to allow Transwestern to add still more San Juan lateral capacity by varying



adjusting main line operating pressure at Thoreau, N.M. Transwestern also proposes to buy a 77.7% interest in Northwest Pipeline Corp.'s La Plata facilities, extending from Ignacio, Colo., to Bloomfield, N.M.

Combined effects of the expansion would increase Transwestern's pipeline capacity out of the San Juan basin about 795 MMcfd at an estimated cost of \$35.6 million.

The expansion program, if completed as proposed, would not change Transwestern's existing transportation rates in the region.

A unit of Enron Corp., Houston, Transwestern can move more than 1 bcfd of gas to customers at either end

Phillips group hikes oil flow off China

A group led by a unit of Phillips Petroleum Co. has stepped up oil production off China.

Phillips Petroleum International Corp. Asia placed on stream its second field, Xijiang 30-2, in its development program in the South China Sea. Initial production of 20,000 b/d is to peak at 60,000 b/d within 2 years.

Combined oil production from Xijiang 30-2 and Xijiang 24-3 fields, placed on stream last year, is to peak at 100,000 b/d by yearend 1996.

Phillips completed installation of the 30-2 platform last May and started drilling in July. It installed the 24-3 platform and began production last year, reaching a peak of nearly 75,000 b/d.

Phillips and its partners have spent \$600 million in the Xijiang project.

Oil flows through seabed pipelines to a floating processing, storing, and offloading (FPSO) unit on station between the two platforms, which are about 8 miles apart. The FPSO, a modified tanker named the Nanhai Kai Tho, holds 1 million bbl of oil and

enables shuttle tankers to transport the oil to refineries in China.

The Xijiang fields lie 80 miles south-east of Hong Kong in 330 ft of water.

Phillips' partners are China National Offshore Oil Corp. and its regional organization, China National Offshore Oil Nanhai East Corp.; and the Shell Offshore China partnership, Pecten Orient Co. and Shell Exploration (China) Ltd.

Phillips and Pecten began their exploration program in the South China Sea in 1984 and found Xijiang 24-3 field in 1985. Discovery of Xijiang 30-2 followed in 1988. In 1992, Phillips, Pecten, and Chinese officials signed an agreement to develop the fields.

INDEX of articles OGJ published in 1994 can be ordered for \$7.50 from Circulation Dept., Attn. Judy Hernandez, Oil & Gas Journal, Box 1260, Tulsa, OK 74101.

FAX (505) 625-8060

Phone (505) 623-2761
DIVISION

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

13 JAN 4 11 08 52

January 4, 1996

RECEIVED

JAN 09 1996

Mr. Mark Ashley
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, NM 87504

Environmental Bureau
Oil Conservation Division

RE: Discharge Plan GW-84 Renewal, Bloomfield Compressor Station, San Juan County, NM

Dear Mr. Ashley:

Attached please find two discharge plan renewal applications (original and one copy) and \$50.00 filing fee (check no. 0602005534) to renew the Bloomfield Compressor Station Discharge Plan GW-84. A third copy of the application has been filed with the Oil Conservation District - Aztec Area Office.

If you require additional information, please contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,



Larry Campbell
Division Environmental Specialist

xc: file
Oil Conservation Division, 1000 Rio Brazos Road, Aztec, New Mexico 87410

DISCHARGE PLAN RENEWAL APPLICATION ATTACHMENT SHEET

BLOOMFIELD COMPRESSOR STATION, GW-84

1. Natural Gas Plant
2. Transwestern Pipeline Company, Bloomfield Compressor Station
6381 North Main Street
Roswell, NM 88201
Larry Campbell, (505) 625-8022
3. NW4 Section 13, T29N, R11W, San Juan County, NMPM
refer to original Discharge Plan Application approved September 26, 1991
4. N/A - not a disposal facility.
5. Refer to original Discharge Plan Application approved September 26, 1991.
6. Processes are identical to those outlined in September 10, 1991 application.
7. Refer to original Discharge Plan Application approved September 26, 1991.
8. Refer to original Discharge Plan Application approved September 26, 1991.
9. Refer to original Discharge Plan Application approved September 26, 1991.
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12. Refer to original Discharge Plan Application approved September 26, 1991.

GW-84

**DISCHARGE PLAN APPLICATION FOR NATURAL GAS PROCESSING PLANTS,
OIL REFINERIES AND GAS COMPRESSOR STATIONS**

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

- I. TYPE: NATURAL GAS PLANT
- II. OPERATOR: Transwestern Pipeline Company, Bloomfield Compressor Sta.
ADDRESS: 6381 North Main Street, Roswell, NM 88201
CONTACT PERSON: LARRY CAMPBELL PHONE: (505)625-8022
- III. LOCATION: /4 ^{NW}/4 Section 13 Township 29N Range 11W
Submit large scale topographic map showing exact location.
- IV. Attach the name and address of the landowner(s) of the disposal facility site.
- V. Attach description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.
- VI. Attach a description of sources, quantities and quality of effluent and waste solids.
- VII. Attach a description of current liquid and solid waste transfer and storage procedures.
- VIII. Attach a description of current liquid and solid waste disposal procedures.
- IX. Attach a routine inspection and maintenance plan to ensure permit compliance.
- X. Attach a contingency plan for reporting and clean-up of spills or releases.
- XI. Attach geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quality of ground water must be included.
- XII. Attach such other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
- XIII. CERTIFICATION

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

Name: LARRY CAMPBELL

Title: Division Environmental Specialist

Signature: Larry Campbell

Date: 12/15/95

DISTRIBUTION: Original and one copy to Santa Fe with one copy to appropriate Division District Office.

OIL CONSERVATION DIVISION

October 18, 1995

CERTIFIED MAIL**RETURN RECEIPT NO. Z-765-963-081**

Mr. James Russell
 Transwestern Pipeline Company
 4001 Indian School Road, NE
 Summit Office Building, Suite 250
 Albuquerque, NM 87110

**RE: Discharge Plan GW-84 Renewal
 Bloomfield Compressor Station
 San Juan County, New Mexico**

Dear Mr. Russell:

On September 26, 1991, the groundwater discharge plan, GW-84, for the Transwestern Pipeline Company Compressor located in NW/4, Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, will expire on September 26, 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 Transwestern Pipeline Company submits an application for renewal at least 120 days before the discharge plan expires (on or before May 26, 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 Bloomfield Compressor 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 \$690 for Compressor Stations over 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 the at

Mr. James Russell
October 18, 1995
Page 2

the time of approval. Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

Please submit the original 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. 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 Mr. Patricio W. Sanchez at (505) 827-7156.

Sincerely,



Roger C. Anderson
Environmental Bureau Chief

RCA/pws

xc: Mr. Denny Foust

Z 765 963 081



**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to <i>ENR-62-84</i>	
Street and No.	
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



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

September 26, 1991

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

CERTIFIED MAIL

RETURN RECEIPT NO. P-327-278-255

Mr. Frank W. Diemont
Transwestern Pipeline Company
P. O. Box 1188
Houston, Texas 77251-1188

RE: Discharge Plan GW-84
Bloomfield Compressor Station
San Juan County, New Mexico

Dear Mr. Diemont:

The groundwater discharge plan GW-84 for the Transwestern Pipeline Company Bloomfield Compressor Station located in the NW/4, Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico is hereby approved. The discharge plan consists of the application dated June 14, 1991, and materials dated September 10, 1991, submitted as supplements to the application.

The discharge plan was submitted pursuant to Section 3-106 of the Water Quality Control Commission Regulations. It is approved pursuant to section 3-109.A. Please note Section 3-109.F., which provides for possible future amendments of the plan. Please be advised that 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.

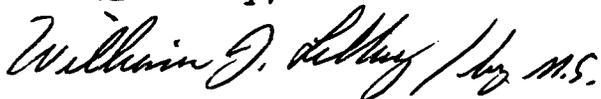
Pursuant to Section 3-109.G.4., this plan approval is for a period of five years. This approval will expire September 26, 1996, and

Mr. Frank W. Diemont
September 26, 1991
Page -2-

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 that reads "William J. LeMay / W.J.L." followed by "M.S." in a smaller, less legible script.

William J. LeMay
Director

WJL/rca

xc: OCD Aztec Office

ENRON CORP

P. O. Box 1188 Houston, Texas 77251-1188 (713) 654-6161

September 10, 1991

New Mexico Oil Conservation Division
P. O. Box 2088
Land Office Building
Santa Fe, N. M. 87504-2088

RECEIVED

SEP 12 1991

OIL CONSERVATION DIV.
SANTA FE

Attention: Mr. Roger Anderson
Environmental Engineer

Subject: Discharge Plan Application
Bloomfield Compressor Station
Transwestern Pipeline Company

Dear Mr. Anderson:

Thank you for meeting with Alan Bowman, Roger LaLonde and myself on August 30, 1991 to discuss the comments and requests for additional information in your letter of August 5, 1991. Our response to these questions is as follows:

1. The MSD sheets for Citgo turbine oil, methanol, Ambitrol, Karl Fisher reagent, Western Chemical EPA 2000 solvent and Alpha Blue Tiger soap as listed in Section II.A.6 are enclosed.
2. Drawing M4-4A is enclosed which shows a diagram of all wastewater collection units and piping as listed in Section II.C. The only unit which will be constructed below grade, is sump pump P-6040. This pump is housed in a steel tank which is placed in a covered concrete sump.
3. Tank and/or drum storage of compounds listed in Section II.C.2.d will be indoors in the auxiliary building. Tanks and/or drums, stored outside, will be placed on a impermeable pad with curbing or on a portable spill containment sump. A brochure of a typical portable sump is enclosed.
4. The underground piping as described in Section II.C.3 can be isolated for future pressure testing.
5. As stated in Section II.D.1, offsite waste disposal will be in an O.C.D. approved facility.

6. Transwestern Pipeline company is aware of the proximity of the Bloomfield station to Citizen's ditch and the San Juan river. The facility is designed to prevent a potential contaminant discharge from reaching these bodies of water.

The compressor and meter areas are separately fenced and are graded to a higher elevation than the surrounding areas. Diversion ditches are installed to allow storm water from the region north of the station to be diverted around the compressor and meter areas and to flow south through the center of the property.

Storm water from most of the compressor and meter site will be allowed to merge with the regional storm water runoff. Station areas with potential contaminants, which could accidentally be discharged to the surface and subsurface, are controlled and contained locally at the equipment.

- a. The hydrocarbon, oily water and lube oil storage tanks are installed in an area with concrete floor and dike. This containment area is sized for a minimum volume 1.5 times the combined tank capacity. If rain water in the diked area is not contaminated and meets the O.C.D. water quality test standards, this water will be discharged on the ground. Otherwise, this water will be pumped out, hauled offsite and be properly disposed in an O.C.D. approved facility. Truck loading of the tank contents will be supervised by the station operator. He will be responsible for the portable sumps that will be used to catch drips from truck loading hoses. Any accumulation in these portable sumps will be removed immediately and be properly disposed.
- b. The inlet gas scrubbers operate under high gas pressure and separate pipeline liquids from the gas stream. These liquids are automatically drained to the hydrocarbon storage tank. Any local contaminant discharge from scrubber control valve maintenance will be caught in a portable sump and be properly disposed. The scrubber is placed on a concrete foundation surrounded by a gravel or rock surface with six inch high concrete curbing.
- c. The fuel gas heater contains a water glycol solution for the heat transfer medium. A possible flange leak will be contained by a drip pan underneath the equipment flanges. The heater is placed on concrete piers surrounded by a gravel or crushed rock surface with six inch high concrete curbing.

Bloomfield Compressor Station Discharge Plan
September 10, 1991
Page 3

- d. The remaining process piping and equipment contain natural gas and are free of liquids. Above ground equipment and vessels are placed in areas with gravel or rock with six inch high concrete curbing. Vessels and storage tanks are scheduled for weekly inspections; however, station operators routinely check above ground equipment on a daily basis.

I trust that above information will suffice and the permit application be reviewed favorably. If you have any questions, please call me at (713) 853-7322.

Sincerely,



Frank R. W. Diemont
Sr. Project Engineer
Plants Design Engineering

3 Copies

cc: Dave Johnson w/o att.
Jon Lohmann w/o att.
Leonard Hilton
Alan Bowman
Jim Carter - Roswell
Roger LaLonde - Belen
Butch Bentley - Bloomfield

bfdisp11

PORTABLE SPILL CONTAINMENT SUMP

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HAZARDOUS LIQUID SPILL CONTAINMENT SUMP

New from SAFETY STORAGE™, the nation's leading Manufacturer of prefabricated hazardous chemical storage buildings

Safety Storage™ Portable Spill Containment Sumps have been carefully designed and constructed to provide secondary containment for storage of hazardous chemicals. They comply with current regulatory agency requirements, environmental regulations, and local ordinances covering the storage of hazardous materials.

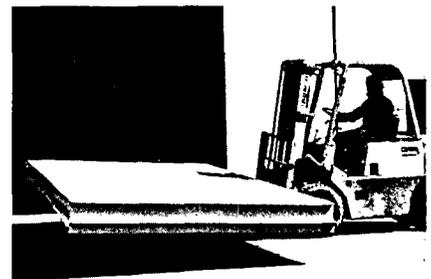
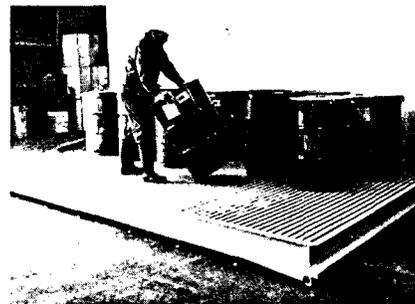
The spill containment sumps, which are available in three standard sizes, accommodate up to forty 55-gallon drums of hazardous liquids and have a spill containment capacity of up to 570 gallons. They are constructed of continuously-welded 10-gauge ASTM-569 and ASTM-A36 steel and protected with two coats of chemical-resistant paint. Designed for outside and inside plant use, the sumps require minimum site preparation and have forklift pockets for easy relocation. Fiberglass floor grating is "standard", with other types of flooring available as options. Standard floor loading is 250 psf.

Features

- Available in 22', 15' and 7' lengths
- Model 22S accommodates up to forty 55-gallon drums
- Constructed of 10-gauge steel to provide structural strength
- Chemical resistant, coated surfaces
- Sump drain
- Locate on flat surface, no foundation required
- Forklift pockets for ease of relocation
- Grounding/bonding lugs
- Fiberglass floor grating standard
- Optional polypropylene sump liner for added chemical resistivity



MODEL 15S



Model	Outside Dimensions			Storage Capacity MAX.		Sump Capacity (Gallons)	Weight (lbs.)
	Length	Width	Height	Sq. Ft.	Drums		
22S	22' 6 1/8"	8' 6 1/2"	11' 3/8"	177	40	770	3085
15S	15' 6 1/4"	8' 6 1/2"	11' 3/8"	121	28	520	2070
7S	7' 9 1/4"	8' 6 1/2"	11' 3/8"	59	12	250	1050

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SAFETY STORAGE, INC.
2380 South Bascom Avenue
Campbell, CA 95008
Phone: 408/559-3901
Fax: 408/559-3218 **1-800/344-6539**

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CITGO Petroleum Corporation
P.O. Box 3758
Tulsa, Oklahoma 74102

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SEP 12 1991

OIL CONSERVATION DIV.
SANTA FE

Material Safety Data Sheet

Trade Name: CITGO Pacemaker T-32
Commodity Code: 33-715
Synonyms: Lubricating Oil Date: January 29, 1990
CAS No.: Mixture Technical Contact: (918) 495-5933
(Refer to Section 1) Medical Emergency: (318) 491-6215
Chemtrec Emergency: (800) 424-9300
Citgo Index No.: 0242

Material Hazard Evaluation

(Per OSHA Hazard Communication
Standard [29 CFR Part 1910.1200]) (OHCS)

Health: Final Product Non-Hazardous.

Precautionary Statement: Do not inhale mists or fumes.

HMIS Rating¹: Health 0 Flammability 1 Reactivity 0

1.0 Generic Composition / Components

Components	CAS #	%	Hazard Data
Refined Petroleum Oil(s)	64741-88-4 64742-65-0 64741-89-5 64742-55-8 72623-87-1	> 99	Oral: LD50(rat): > 5g/kg
Antioxidants	Mixture	< 1	Dermal: Mild irritant Eyes: Moderate irritant
Pour Point Depressant	Mixture	< 1	Oral LD50(rat): > 60g/kg
Antifoam Additive	Mixture	< 0.1	Dermal: Moderate irritant Eyes: Moderate irritant

¹ Hazard Rating: least-0; slight-1; moderate-2; high-3; extreme-4
Citgo assignment based on our evaluation per NFPA and NPCA guidelines.

NA - Not Applicable

ND - No Data

NE - Not Established

2.0 Physical Data

Physical Hazard Classification (Per 29 CFR Part 1910.1200)

No	Combustible	No	Flammable	No	Pyrophoric
No	Compressed Gas	No	Organic Peroxide	No	Reactivity
No	Explosive	No	Oxidizer	Yes	Stable

Boiling Point, 760 mmHg, °C(°F): ~ 393(~ 740)
 Specific Gravity (60/60°F) (H₂O. = 1): 0.87
 Vapor Density (Air = 1): > 1
 % Volatiles by Volume: Negligible
 Melting Point, °C(°F): NA
 Vapor Pressure, mmHg (25°C): < 3x10⁻⁴
 Solubility in H₂O., % by Weight: Negligible
 Evaporation Rate (Butyl Acetate = 1): < 1
 pH of Undiluted Product: ND
 Appearance and Odor: Light amber liquid, bland odor

3.0 Fire and Explosion Data

Flash Point, COC, °C(°F)	206(403)
Flash Point, PMC, °C(°F)	188(370)
Fire Point, COC, °C(°F)	228(442)
NFPA Rating ²	Health: 1 Flammability: 1 Reactivity: 0
Flammable Limits (% by volume in air)	Lower: NA Upper: NA
Extinguishing Media	CO ₂ , dry chemical, foam, water fog
Special Fire Fighting Procedure	None.
Unusual Fire or Explosion Hazard	Water may cause frothing.

4.0 Reactivity Data

Stability: Stable
Conditions Contributing to Instability: None.
Incompatibility: Strong oxidants, strong acids and caustics
Hazardous Decomposition Products: CO₂, (CO under incomplete combustion)
(thermal, unless otherwise specified)
Conditions Contributing to Hazardous Polymerization: None.

² Hazard Rating: least-0; slight-1; moderate-2; high-3; extreme-4
 Citgo assignment based on our evaluation per NFPA guidelines.

NA - Not Applicable

ND - No Data

NE - Not Established

5.0 Spill or Leak Procedures

Procedures if Material is Spilled:

- Remove sources of heat or ignition, provide adequate ventilation, contain leak.
- *Small Spills:* Absorb with suitable material such as rags, straw or sand. Place into containers for later removal.
- *Large Spills:* Contain spill in earthen dikes for later recovery.
- Report spills as required to appropriate authorities.

Waste Disposal:

- It is the responsibility of the user to determine if the material is a hazardous waste at the time of disposal.
- Check before disposing to be sure you are in compliance with all applicable laws and regulations.
- Chemtrec/RCRA Emergency Hotline Number: 800-424-9346.

Protective Measures During Repair and Maintenance of Contaminated Equipment:

- Refer to Section VII - Special Protection Information.
- Avoid prolonged contact with used oil.
- Wash exposed skin thoroughly with soap and water.
- Remove soiled clothing.
- Use oil impervious gloves if direct contact is expected.

6.0 Health Hazard Data

Health Hazard Classification

(Per 29 CFR Part 1910.1200)

No	Carcinogen	No	Corrosive
No	Animal Carcinogen	No	Irritant
No	Suspect Carcinogen	No	Sensitizer
No	Mutagen	No	Teratogen
No	Highly Toxic	No	Target Organ
No	Toxic		

Product listed as Carcinogen or Potential Carcinogen by:

NTP No IARC No OSHA No Other No

Toxicity Summary: General toxicity low.

Major Route(s) of Entry: Inhalation of incidental fumes, mists or vapors.

Acute Exposure Symptoms

- Inhalation:** Low risk of inhalation at ambient temperatures. Mists or fumes may cause drowsiness, dizziness, headache, nausea, or lung irritation or chemical pneumonitis.
- Dermal Contact:** Transient, slight irritant.
- Eye Contact:** May be mildly irritating.
- Ingestion:** Low toxicity. If less than 1 oz. is ingested, material may pass through the system without harm. On ingestion of large quantities, slight GI discomfort, diarrhea, and headache may occur.
- Injection:** Subcutaneous or intramuscular injection may cause irritation, erythema, edema.

Chronic Exposure

Prolonged and/or frequent contact may cause drying, cracking (dermatitis) or folliculitis.

Other Special Effects

None expected.

Medical Conditions Aggravated by Exposure

None.

First Aid and Emergency Procedures for Acute Effect

- Inhalation:** Remove to fresh air. Respiratory support, if necessary. Seek medical aid.
- Dermal:** Wash with soap and water. Do not wear heavily contaminated clothing before laundering.
- Eyes:** Flush with large volumes of water. Seek physician if any complications arise.
- Ingestion:** Do not induce vomiting. Seek medical aid.
- Injection:** Subcutaneous injection is a medical emergency. Seek medical aid immediately.

Notes to Physician: Following ingestion at a viscosity of around 160 SUS (100°F) the risk of aspiration into the lungs is reduced. For quantities above 1 oz., emesis or lavage may be considered. Subcutaneous or intramuscular injection requires prompt surgical debridement. If not familiar with technique, seek skilled advice.

9.0 Environmental Data

Product Name CITGO Pacemaker T-32
Commodity Code: 33-715

SARA TITLE III

Section 313 - Toxic Chemicals

This product does not contain toxic chemicals of Section 313 of Title III of Superfund Amendments and Re-authorization Act of 1986 (SARA) and 40 CFR Part 372.

<u>Components</u>	<u>CAS#</u>	<u>%</u>
None	-	-

Section 311 - Hazard Categories

<u>Yes</u> Not Applicable	<u>No</u> Fire Hazard
<u>No</u> Acute (Immediate Health Hazard)	<u>No</u> Sudden Release of Pressure Hazard
<u>No</u> Chronic (Delayed Health Hazard)	<u>No</u> Reactive Hazard

Section 302/(A) - Extremely Hazardous Substances

(RQ = Reportable Quantity)
(TPQ = Threshold Planning Quantity)

This product does not contain Extremely Hazardous Substances of Section 302/(A).

<u>Component</u>	<u>CAS#</u>	<u>%</u>	<u>RQ lbs.</u>	<u>TPQ lbs.</u>
None	-	-	-	-

Clean Water Act

Under Section 311 (b) (4) of the Clean Water Act, discharges of crude oil and petroleum products in any kind or form to surface waters must be immediately reported to the National Response Center: 800-424-8802.

Comprehensive Environmental, Response, Compensation & Liability Act (CERCLA) - Section 102 Hazardous Substances

<u>Component</u>	<u>CAS#</u>	<u>%</u>	<u>RQ lbs.</u>
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Petroleum and petroleum fractions are excluded from the list of CERCLA hazardous substances by Section 101(14) of CERCLA.

7.0 Special Protection Information

Ventilation Requirements: Use in well ventilated area. In confined space, mechanical ventilation may be required to keep levels of certain components below mandated standards as evaluated by designated personnel.

Permitted Threshold Air Concentrations

Mineral Oil Mist	TLV-TWA	5 mg/m ³	OSHA-PEL	5 mg/m ³
	TLV-STEL	10 mg/m ³	OSHA-STEL	ND
	TLV-Ceiling	ND	OSHA-Ceiling	ND
			OSHA-Peak	ND

Specific Personal Protective Equipment:

Respiratory: Normally none required. If high vapor or mist concentrations expected, use respirator approved for organic vapors and mists.

Eyes: Safety goggles, or chemical splash goggles if splashing is anticipated.

Dermal: Oil impervious gloves if frequent or prolonged contact is expected.

Other Clothing or Equipment: Wear body-covering work clothes to avoid prolonged or repeated exposure. Launder soiled work clothes before reuse.

8.0 Transportation and Special Precautions

Storage: Store below 150°F. Do not apply high heat or flame to container. Keep separate from strong oxidizing agents.

Caution: Empty containers may contain product residue which could include flammable or explosive vapors.

Consult appropriate Federal, State and Local authorities before reusing, reconditioning, reclaiming, recycling or disposing of empty containers and/or waste residues of this product.

DOT Information

Proper Shipping Name:	Petroleum Lubricating Oil.
Hazard Class:	Non-Hazardous.
Hazard Identification Number:	None assigned.
Placard:	None.
Compatibility Category:	ND
CHRIS Code:	ND

MATERIAL SAFETY DATA SHEET

METHANOL

MSDS No.
HCR001423

Rev. Date
02/03/89



LYONDELL PETROCHEMICAL COMPANY
1221 MCKINNEY AVENUE, SUITE 1600
P.O. BOX 3646
HOUSTON, TEXAS 77253-3646

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product
This product is considered a hazardous substance under the OSHA Hazard Communication Rule.

I. General

Trade Name	METHANOL	Telephone Numbers	EMERGENCY
Other Names	METHYL ALCOHOL; (MEETS ASTM D-1152 SPECIFICATIONS); WOOD ALCOHOL; WOOD NAPHTHA; CARBINOL; COLUMBIAN SPIRITS; MANHATTAN SPIRITS.	800/424-9300	CHEMTREC 800/245-4532 HOT LINE CUSTOMER SERVICE 713/652-7200 INFO ONLY
Chemical Family	ALIPHATIC ALCOHOL	DOT Hazardous Materials Proper Shipping Name METHYL ALCOHOL	
Generic Name	METHANOL	DOT Hazard Class FLAMMABLE LIQUID	
CAS No.	67-56-1	Company ID No.	E000142300
		UN/NA ID No.	UN 1230

II. DANGER Summary of Hazards

SEE SUPPLEMENT
BEGINNING ON PAGE 5

EXTREMELY FLAMMABLE! OSHA/NFPA CLASS-IB FLAMMABLE LIQUID.
KEEP AWAY FROM HEAT, SPARKS, AND FLAME. KEEP CONTAINERS CLOSED.
POISON-CLASS B. HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN!
INGESTION OF ONE TO FOUR OUNCES CAN CAUSE IRREVERSIBLE INJURY TO THE NERVOUS SYSTEM, BLINDNESS, OR DEATH. IT CANNOT BE MADE NON-POISONOUS.
CAUSES EYE AND RESPIRATORY SYSTEM IRRITATION AND MAY CAUSE SKIN IRRITATION!
AVOID LIQUID, MIST, OR VAPOR CONTACT. WEAR PROPER PROTECTIVE CLOTHING.
WASH THOROUGHLY AFTER HANDLING. (SEE SECTION V AND SUPPLEMENT.)
MAY BE HARMFUL IF INHALED! MAY CAUSE INTERNAL ORGAN DAMAGE!
AVOID BREATHING VAPORS. USE ONLY WITH ADEQUATE VENTILATION.
VAPOR INHALATION OR LIQUID PENETRATION OF THE SKIN CAN CAUSE CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION. PROLONGED OR REPEATED HIGH INHALATION EXPOSURE MAY CAUSE OPTIC NERVE DAMAGE, PULMONARY AND/OR CEREBRAL EDEMA, LIVER AND/OR KIDNEY DAMAGE, COMA, RESPIRATORY FAILURE, AND EVEN DEATH.

III. Fire and Explosion

Flash Point (Method)	Autoignition Temperature (Method)	Flammable Limits (% Vol. in Air) At Normal Atmospheric Temperature and Pressure
AP 53° F (D-56) SEE "FIRE & EXPLOSION HAZARDS"	AP 725° F (E-659) BASED UPON NFPA "METHANOL"	Lower AP 6.0 Upper AP 36.5 BASED UPON NFPA "METHANOL"

Fire and Explosion Hazards
EXTREMELY FLAMMABLE! THIS MATERIAL RELEASES VAPORS AT OR BELOW AMBIENT TEMPERATURES. WHEN MIXED WITH AIR IN CERTAIN PROPORTIONS AND EXPOSED TO AN IGNITION SOURCE, THESE VAPORS CAN BURN IN THE OPEN OR EXPLODE IN CONFINED SPACES. BEING HEAVIER THAN AIR, FLAMMABLE VAPORS MAY TRAVEL LONG DISTANCES ALONG THE GROUND BEFORE REACHING A POINT OF IGNITION AND FLASHING BACK.

Extinguishing Media ALCOHOL TYPE FOAM DRY CHEMICAL CO2 WATER FOG AND SPRAY CAN COOL THE FIRE. BUT PROBABLY WILL NOT ACHIEVE EXTINGUISHMENT.	HAZARD RATING: 4 - Extreme 3 - High 2 - Moderate 1 - Slight 0 - Insignificant
--	---

* Chronic Health Hazard - See Section IV.

Special Firefighting Procedures

MIXTURES WITH WATER CONTAINING MORE THAN 21 VOL.% METHANOL ARE FLAMMABLE. DIKE UP FIRE CONTROL WATER FOR LATER DISPOSAL; DO NOT SCATTER THE MATERIAL. METHANOL FIRES MAY NOT BE VISIBLE TO THE NAKED EYE. DO NOT ENTER ANY CONFINED/ENCLOSED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS. WATER COOL FLAME-EXPOSED CONTAINERS FROM THE SIDE UNTIL WELL AFTER THE FIRE IS OUT. EVACUATE IMMEDIATELY IF THERE IS A RISING SOUND OF VENTING SAFETY DEVICES OR TANK DISCOLORIZATION.

IV. Health HazardsSEE SUPPLEMENT
BEGINNING ON PAGE 6

Summary of Acute Hazards LIQUID, MIST OR VAPORS CAN CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION AND CNS DEPRESSION. ASPIRATION INTO THE LUNGS WILL CAUSE CHEMICAL PNEUMONIA

ROUTE OF EXPOSURE	SIGNS AND SYMPTOMS	Primary Route(s)
Inhalation	SHORT-TERM EXPOSURE TO HIGH LEVELS OF VAPOR MAY CAUSE CNS DEPRESSION. SYMPTOMS INCLUDE NAUSEA, DROWSINESS, VERTIGO, FATIGUE, CONVULSIONS, UNCONSCIOUSNESS AND DEATH, DEPENDING ON EXPOSURE DURATION. (SEE "SUMMARY" BELOW.)	<input checked="" type="checkbox"/>
Eye Contact	EYE IRRITATION MAY OCCUR UPON SHORT-TERM EXPOSURE, INCLUDING A BURNING SENSATION, TEARING, REDNESS, OR SWELLING. UPON DIRECT CONTACT WITH LIQUID, CONJUNCTIVITIS AND CORNEAL BURNS MAY OCCUR.	<input checked="" type="checkbox"/>
Skin Absorption	UPON PROLONGED OR REPEATED CONTACT, ABSORPTION THROUGH THE SKIN MAY OCCUR AND PRODUCE TOXIC EFFECTS SIMILAR TO THOSE RESULTING FROM INHALATION EXPOSURE. (SEE "SUMMARY OF CHRONIC HAZARDS" BOX BELOW.)	<input checked="" type="checkbox"/>
Skin Irritation	SKIN IRRITATION OR MORE SERIOUS DISORDERS MAY OCCUR UPON PROLONGED AND REPEATED CONTACT DUE TO SKIN DEFATTING.	<input checked="" type="checkbox"/>
Ingestion	SWALLOWING ONLY 1 TO 4 OUNCES HAS BEEN REPORTED TO CAUSE DEATH OR SERIOUS IRREVERSIBLE INJURY SUCH AS BLINDNESS. METHANOL METABOLISM CAUSES SYSTEMIC ACIDOSIS RESULTING IN DAMAGE TO THE OPTIC NERVE. SYMPTOMS MAY BE DELAYED.	<input checked="" type="checkbox"/>
Summary of Chronic Hazards and Special Health Effects	PERSONNEL EXPOSED TO HIGH CONCENTRATIONS (365-3080 PPM) OF METHANOL VAPORS IN DIRECT-PROCESS SPIRIT DUPLICATING OPERATIONS REPORTED SIGNIFICANTLY MORE COMPLAINTS OF HEADACHE, BLURRED VISION, DIZZINESS, AND NAUSEA THAN DID THE UNEXPOSED COMPARISON GROUP. METHANOL IS SLOWLY ELIMINATED FROM THE BODY, HENCE REPEATED EXPOSURES MAY RESULT IN TOXIC LEVELS IN BLOOD AND TISSUES. PERSONNEL WITH PRE-EXISTING CNS DISEASE, SKIN DISORDERS, IMPAIRED LIVER OR KIDNEY FUNCTION, OR CHRONIC RESPIRATORY DISEASES SHOULD AVOID EXPOSURE.	

V. Protective Equipment and Other Control Measures

Respiratory	DO NOT USE AIR-PURIFYING RESPIRATOR. ONLY NIOSH/MSHA APPROVED SUPPLIED AIR OR SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE ARE SATISFACTORY, IF EXPOSURE CAN EXCEED THE PEL/TLV.
Eye	EYE PROTECTION SUCH AS CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD MUST BE WORN WHEN POSSIBILITY EXISTS FOR EYE CONTACT DUE TO SPLASHING OR SPRAYING LIQUID, AIRBORNE PARTICLES, OR VAPOR. CONTACT LENSES SHOULD NOT BE WORN.
Skin	WHEN SKIN CONTACT IS POSSIBLE, PROTECTIVE CLOTHING INCLUDING GLOVES, APRON, SLEEVES, BOOTS, HEAD AND FACE PROTECTION SHOULD BE WORN. THIS EQUIPMENT MUST BE CLEANED THOROUGHLY AFTER EACH USE.
Engineering Controls	GENERAL ROOM OR LOCAL EXHAUST VENTILATION IS USUALLY REQUIRED TO MEET EXPOSURE STANDARD(S).
Other Hygienic and Work Practices	EMERGENCY EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. PROMPTLY REMOVE SOILED CLOTHING/WASH THOROUGHLY BEFORE REUSE. SHOWER AFTER WORK USING PLENTY OF SOAP AND WATER.

VI. Occupational Exposure Limits

Substance	Source	Date	Type	Value/Units	Time
METHYL ALCOHOL - SKIN	OSHA	1988	PEL	200 PPM	8 HRS
METHYL ALCOHOL - SKIN (PROPOSED)	OSHA	1988	STEL	250 PPM	15 MIN
METHYL ALCOHOL - SKIN	ACGIH	1988	TLV	200 PPM	8 HRS
			STEL	250 PPM	15 MIN



METHANOL

MSDS No.
HCR001423
Rev. Date
02/03/89

VII

Emergency and First Aid

Inhalation	IMMEDIATELY REMOVE FROM CONTAMINATED AREA TO FRESH AIR. KEEP INDIVIDUAL QUIET. FOR RESPIRATORY DISTRESS, GIVE AIR OR OXYGEN AND/OR ADMINISTER CARDIOPULMONARY RESUSCITATION (CPR). OBTAIN EMERGENCY MEDICAL ATTENTION.
Eye Contact	IMMEDIATELY FLUSH EYES WITH PLENTY OF CLEAN LOW-PRESSURE WATER FOR AT LEAST 15 MINUTES. RETRACT EYELIDS OFTEN. OBTAIN EMERGENCY MEDICAL ATTENTION.
Skin Contact	IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH AFFECTED SKIN THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE; WASH OR DISCARD CONTAMINATED LEATHER SHOES/GLOVES.
Ingestion	SEE "EMERGENCY MEDICAL TREATMENT PROCEDURES" AND THE MSDS SUPPLEMENT PAGE.
Emergency Medical Treatment Procedures	METHANOL INGESTION IS LIFE-THREATENING. IF SWALLOWED AND CONSCIOUS, DRINK TWO GLASSES OF WATER AND INDUCE VOMITING BY FINGER DOWN THE THROAT OR WITH SYRUP OF IPECAC. FOLLOW EMESIS WITH TWO TEASPOONS OF BAKING SODA IN WATER. SYMPTOM ONSET MAY BE DELAYED. ETHANOL THERAPY MAY BE INDICATED. SEE THE SUPPLEMENT PAGE FOR ADDITIONAL INFORMATION.

VIII

Spill and Disposal

Precautions if Material is Spilled or Released	CONTAIN SPILL. REMOVE ALL IGNITION SOURCES AND SAFELY STOP FLOW OF SPILL. EVACUATE ALL NON-ESSENTIAL PERSONNEL. IN URBAN AREAS, CLEAN UP ASAP. IN NATURAL ENVIRONMENTS, SEEK ADVICE FROM ECOLOGISTS. USE PROPER PROTECTIVE EQUIPMENT. BLANKET WITH FOAM OR USE WATER FOG TO DISPERSE VAPORS. PADS OR ABSORBANT MATERIALS CAN BE USED. THIS MATERIAL WILL FLOAT ON WATER AND RUN-OFF MAY CREATE AN EXPLOSION OR FIRE HAZARD. AVOID ENTRY INTO WATER BODIES. COMPLY WITH ALL LAWS. SPILLS MAY NEED TO BE REPORTED TO THE NATIONAL RESPONSE CENTER (800/424-8802). THE SPILLED MATERIAL AND ANY WATER OR SOIL WHICH IT HAS CONTACTED MAY BE HAZARDOUS TO HUMAN AND OTHER LIFE.
Waste Disposal Methods	FOR LARGE SPILLS, MAXIMIZE PRODUCT RECOVERY FOR REUSE OR RECYCLING. FREE LIQUID MAY BE COLLECTED USING EXPLOSION-PROOF DIESEL OR VACUUM PUMPS. FOR CLEANUP OR SMALL SPILLS, ABSORB MATERIAL WITH COMBUSTIBLE PADS OR SOLIDIFICATION ADDITIVE. TRANSPORT WASTE MATERIALS IN A D.O.T.-APPROVED CONTAINER. DISPOSE OF THEM IN A LICENSED FACILITY WHICH IS PERMITTED TO HANDLE RCRA HAZARDOUS LIQUID WASTE. INCINERATION IS THE RECOMMENDED DISPOSAL METHOD. FOR SPILLS ON WATER, COLLECT FLOATING MATERIAL WITH A VACUUM SYSTEM OR ABSORBANT PADS AND HANDLE AS AN EPA "IGNITABLE HAZARDOUS WASTE". BIODEGRADATION MAY BE USED; HOWEVER, GENERATION OF TOXIC VAPORS SHOULD BE AVOIDED.

IX

Components

(This may not be a complete list of components)

Component Name	CAS No.	Carcinogen##	Composition amount (Wt.) (See Qualification on Page 4)
METHANOL (METHYL ALCOHOL)	67-56-1	N/AP GT	99 PERCENT



METHANOL

MSDS No.
HCROO1423
Rev. Date
02/03/89

XII

Label Information

Manufacturer:	LYONDELL PETROCHEMICAL COMPANY 1221 MCKINNEY AVENUE, SUITE 1600 P.O. BOX 3646 HOUSTON, TEXAS 77253-3646	Telephone Numbers EMERGENCY 800/424-9300 CHEMTREC 800/245-4532 HOT LINE CUSTOMER SERVICE 713/652-7200 INFO ONLY
----------------------	--	---

Use Statement: FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN

Signal Word: DANGER

Physical Hazards:

EXTREMELY FLAMMABLE

CORROSIVE TO SOME METALS

Health Hazards:

HIGH INGESTION HAZARD
INHALATION HAZARD
MAY DAMAGE THE OPTIC NERVE
MAY CAUSE LONG-TERM ADVERSE HEALTH EFFECTS
MAY CAUSE KIDNEY DAMAGE

HIGH SKIN CONTACT HAZARD
SEVERE EYE IRRITANT
SKIN IRRITANT - DEFATTING ACTION
MUCOUS MEMBRANE IRRITANT
PROLONGED EXPOSURE MAY DAMAGE THE LUNGS & LIVER

Precautionary Measures:

DO NOT HANDLE NEAR HEAT, SPARKS, OR OPEN FLAME.
SPILL/LEAK CAN CAUSE FIRE/EXPLOSION.
KEEP CONTAINER CLOSED WHEN NOT IN USE.
DO NOT CONTACT WITH OXIDIZABLE MATERIALS.
USE ONLY WITH ADEQUATE VENTILATION/PERSONAL PROTECTION.
AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.
AVOID PROLONGED OR REPEATED BREATHING OF VAPOR.
WASH THOROUGHLY AFTER HANDLING.
PREVENT CONTACT WITH FOOD, CHEWING, OR SMOKING MATERIALS.
DO NOT TASTE/SWALLOW.

DOT Information:	UN/NA ID Number- UN 1230
Hazard Class-	FLAMMABLE LIQUID
Proper Shipping-	METHYL ALCOHOL

Instructions:	ALCOHOL TYPE FOAM	HALON
In case of fire, use-	DRY CHEMICAL	FOAM
	CO2	WATERSPRAY

First Aid -Inhalation	IMMEDIATELY REMOVE FROM CONTAMINATED AREA TO FRESH AIR. KEEP INDIVIDUAL QUIET. FOR RESPIRATORY DISTRESS, GIVE AIR OR OXYGEN AND/OR ADMINISTER CARDIOPULMONARY RESUSCITATION (CPR). OBTAIN EMERGENCY MEDICAL ATTENTION.
-Eye Contact	IMMEDIATELY FLUSH EYES WITH PLENTY OF CLEAN LOW-PRESSURE WATER FOR AT LEAST 15 MINUTES. RETRACT EYELIDS OFTEN. OBTAIN EMERGENCY MEDICAL ATTENTION.
-Skin Contact	IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH AFFECTED SKIN THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE; WASH OR DISCARD CONTAMINATED LEATHER SHOES/GLOVES.
-Ingestion	SEE "EMERGENCY MEDICAL TREATMENT PROCEDURES" AND THE MSDS SUPPLEMENT PAGE.

In case of spill, CONTAIN SPILL. REMOVE ALL IGNITION SOURCES AND SAFELY STOP FLOW OF SPILL. EVACUATE ALL NON-ESSENTIAL PERSONNEL. IN URBAN AREAS, CLEAN UP ASAP. IN NATURAL ENVIRONMENTS, SEEK ADVICE FROM ECOLOGISTS. USE PROPER PROTECTIVE EQUIPMENT. BLANKET WITH FOAM OR USE WATER FOG TO DISPERSE VAPORS. PADS OR ABSORBANT MATERIALS CAN BE USED. THIS MATERIAL WILL FLOAT ON WATER AND RUN-OFF MAY CREATE AN EXPLOSION OR FIRE HAZARD. AVOID ENTRY INTO WATER BODIES. COMPLY WITH ALL LAWS. SPILLS MAY NEED TO BE REPORTED TO THE NATIONAL RESPONSE CENTER (800/424-8802). THE SPILLED MATERIAL AND ANY WATER OR SOIL WHICH IT HAS CONTACTED MAY BE HAZARDOUS TO HUMAN AND OTHER LIFE.

Protective Equipment:

-Respiratory	DO NOT USE AIR-PURIFYING RESPIRATOR. ONLY NIOSH/MSHA APPROVED SUPPLIED AIR OR SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE
-Eye	EYE PROTECTION SUCH AS CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD MUST BE WORN WHEN POSSIBILITY EXISTS FOR EYE CONTACT DUE TO SPLASHING OR SPRAYING
-Skin	WHEN SKIN CONTACT IS POSSIBLE, PROTECTIVE CLOTHING INCLUDING GLOVES, APRON, SLEEVES, BOOTS, HEAD AND FACE PROTECTION SHOULD BE WORN.



XIII

Supplement

INGESTION HAZARD AND MEDICAL TREATMENT:

INGESTION OF THIS PRODUCT, EVEN IN SMALL AMOUNTS, CAN CAUSE BLINDNESS AND DEATH. ONSET OF SYMPTOMS MAY BE DELAYED FOR 18-24 HOURS. TREATMENT PRIOR TO ONSET OF OBVIOUS SYMPTOMS MAY BE LIFE-SAVING. METHANOL IS RAPIDLY ABSORBED AND EMESIS SHOULD BE INITIATED EARLY TO BE EFFECTIVE, WITHIN 30 MINUTES OF INGESTION, IF POSSIBLE. ADMINISTER SYRUP OF IPECAC. AFTER THE DOSE IS GIVEN, ENCOURAGE PATIENT TO TAKE 6-8 OUNCES OF CLEAR NON-CARBONATED FLUID. DOSE MAY BE REPEATED ONCE IF EMESIS DOES NOT OCCUR WITHIN 20-30 MINUTES. ADMINISTRATION OF AN AQUEOUS SLURRY OF ACTIVATED CHARCOAL WITH MAGNESIUM CITRATE OR SORBITOL AS A CATHARTIC HAS BEEN REPORTED HELPFUL.

ETHANOL INHIBITS THE FORMATION OF TOXIC METABOLITES. IF ETHANOL THERAPY IS INDICATED, ADMINISTER A LOADING DOSE OF 7.6-10 ML/KG OF BODY WEIGHT OF 10% ETOH IN D5W OVER 30-60 MINUTES. MAINTENANCE DOSE IS 1.4 ML/KG/HR OF 10% ETOH, TO ACHIEVE A 100-130 MG/DL BLOOD ETOH LEVEL DURING ETHANOL THERAPY. (IF CHARCOAL IS ADMINISTERED, ETHANOL SHOULD BE ADMINISTERED INTRAVENOUSLY AND NOT ORALLY.)

MAINTAIN CONTACT WITH POISON CONTROL CENTER DURING ALL ASPECTS OF DIAGNOSIS AND TREATMENT.

REGULATORY STATUS INFORMATION:

TOXIC SUBSTANCE CONTROL ACT (TSCA) - (40 CFR 700-799)
METHANOL IS LISTED ON THE TSCA INVENTORY.

CLEAN AIR ACT SECTION 111 - (40 CFR 80.489)
THE EPA CLASSIFIES METHANOL AS A "VOLATILE ORGANIC CHEMICAL".

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) - (40 CFR 302)
RELEASED OR SPILLED QUANTITIES OF 5000 POUNDS OR MORE OF METHANOL (METHYL ALCOHOL) MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER (800/424-8802).

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) - (40 CFR 280-280)
THE EPA CLASSIFIES METHANOL AS AN "IGNITABLE WASTE". THE HAZARDOUS WASTE NUMBER FOR METHANOL IS U154.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III - (40 CFR 355 AND 370)
UNDER THE PROVISIONS OF SECTION 311/312, METHANOL IS CLASSIFIED INTO THE FOLLOWING HAZARD CATEGORIES: IMMEDIATE HEALTH, DELAYED HEALTH, AND FIRE.
THE EPA CLASSIFIES METHANOL AS A "TOXIC CHEMICAL" THAT IS REPORTABLE UNDER SECTION 313.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986--PROPOSITION 65
METHANOL IS NOT REGULATED BY THE STATE OF CALIFORNIA HEALTH AND WELFARE AGENCY.



MATERIAL SAFETY DATA SHEET

METHANOL 91

1250 W MOCKINGBIRD LANE / DALLAS, TX 75247 / EMERGENCY PHONE: 806-665-5522 / INFORMATION PHONE: 214-689-4000

56/20672

IDENTIFICATION

ISSUED NOVEMBER 25, 1985

PRODUCT NAME: Methanol
CHEMICAL NAME: Methanol
CHEMICAL FAMILY: Alcohol
SYNONYMS: Methyl alcohol; carbinol; monohydroxy-methane; methyl hydroxide.

FORMULA: CH₃OH
MOLECULAR WEIGHT: 32
CAS NUMBER: 67-56-1
CAS NAME: Methanol

DEPARTMENT OF TRANSPORTATION INFORMATION
HAZARD CLASSIFICATION: Flammable Liquid
SHIPPING NAME: Methanol

UNITED NATIONS NUMBER: UN 1230
DOT EMERGENCY RESPONSE GUIDE NUMBER: 28

PHYSICAL DATA

BOILING POINT (760 mm Hg): 64.6°C (148°F)
SPECIFIC GRAVITY (H₂O = 1 @ 20/20°C): 0.7925
VAPOR DENSITY (AIR = 1 @ 20°C): 1.11
PERCENT VOLATILES BY VOLUME: 100
APPEARANCE AND ODOR: Clear, colorless, mobile liquid with mild alcohol odor.

FREEZING POINT: -97.8°C (-144°F)
VAPOR PRESSURE (20°C): 96.0 mm Hg
SOLUBILITY IN WATER (% by WT @ 20°C): Complete
EVAPORATION RATE (BuAc = 1): 2.0

HAZARDOUS INGREDIENTS: Methanol, 99.85%

FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR, % BY VOLUME
Upper: 36.5
Lower: 5.5

FLASH POINT (TEST METHOD):
TAG OPEN CUP (ASTM D1310): 60°F (15°C)
TAG CLOSED CUP (ASTM D56): 54°F (12°C)

SPECIAL HAZARD DESIGNATIONS

	HMIS	NFPA	KEY
HEALTH:	3	1	0 - Minimal
FLAMMABILITY:	3	3	1 - Slight
REACTIVITY:	0	0	2 - Moderate
PROTECTIVE EQUIPMENT:	SC	--	3 - Serious 4 - Severe

OSHA 29CFR1910.1200 EVALUATION: Hazardous

EXTINGUISHING MEDIA: Use CO₂ or dry chemical for small fires, alcohol-type aqueous film-forming foam or water spray for large fires. Water may be ineffective but should be used to cool fire-exposed structures and vessels.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and complete personal protective equipment when potential for exposure to vapors or products of combustion exists. Water spray can be used to reduce intensity of flames and to dilute spills to nonflammable mixture.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapor is heavier than air and can travel considerable distance to a source of ignition and flashback. Material can burn with little or no visible flame.

REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Heat, sparks, flame.

MATERIALS TO AVOID: Sulfuric acid; oxidizing agents such as hydrogen peroxide, nitric acid, perchloric acid and chromium trioxide.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Carbon monoxide.

The supplier makes no warranty of any kind, express or implied, concerning the use of this product either singly or in combination with other substances. User assumes all risks incident to its use. To the best of our knowledge, the information contained herein is accurate. However, neither Celanese Corporation nor any of its subsidiaries or affiliates assume any liability whatsoever for the accuracy or completeness of the information contained herein.

WASTE DISPOSAL METHOD: This product when spilled or disposed is a hazardous solid waste as defined in Resource Conservation Recovery Act regulations (40CFR261). Preferred method is incineration or biological treatment in federal/state approved facility.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use full-face NIOSH-approved self-contained breathing apparatus (SCBA) or other air-supplying full-face respirator.

VENTILATION

LOCAL EXHAUST: Recommended when appropriate to control employee exposure.

MECHANICAL (GENERAL): Not recommended as the sole means of controlling employee exposure.

PROTECTIVE GLOVES: Neoprene or rubber.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT: For operations where spills or splashing can occur, use impervious body covering and boots. A safety shower and eye bath should be available.

SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, well-ventilated area. Do not expose to temperatures above 49°C (120°F). Keep away from heat, sparks and flame. Keep containers closed. Use only DOT-approved containers. Use spark-resistant tools. Do not load into compartments adjacent to heated cargo. When transferring follow proper grounding procedures. Use with adequate ventilation. Provide emergency exhaust. Avoid breathing vapor. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing thoroughly before re-use. Discard contaminated leather clothing.

MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07670 Page: 1

PRODUCT NAME: AMBITROL (R) INHIBITOR COOLANT

Effective Date: 10/06/88 Date Printed: 12/16/88 MSDS:000553

1. INGREDIENTS: (% w/w, unless otherwise noted)

Ethylene glycol	CAS# 000107-21-1	7.2%
Water	CAS# 007732-18-5	36.0%
Dipotassium phosphate	CAS# 007758-11-4	55.0%

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: 227F, 108C
VAP PRESS: Not applicable
VAP DENSITY: Not applicable.
SOL. IN WATER: Infinite.
SP. GRAVITY: 1.54 @ 60/60F, 15/15C
APPEARANCE: Clear liquid.
ODOR: Not distinguishable.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: None. Boils at 227F with no flash.
METHOD USED: TCC

FLAMMABLE LIMITS
LFL: Not applicable.
UFL: Not applicable.

EXTINGUISHING MEDIA: Water fog, foam, CO2, dry chemical.

FIRE & EXPLOSION HAZARDS: None known.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained

(Continued on Page 2)
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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: 07670

Page: 2

PRODUCT NAME: AMBITROL (R) INHIBITOR COOLANT

Effective Date: 10/06/88 Date Printed: 12/16/88

MSDS:000553

3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

breathing apparatus if product is involved in fire.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Stable under normal storage conditions.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: After water has volatilized, burning will produce carbon dioxide, carbon monoxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Avoid entry into sewers and natural waterways. Small spills: Soak up with absorbent material, scoop into drums for disposal. Large spills: Dike and pump into containers for disposal or for reprocessing.

DISPOSAL METHOD: Incinerate in an approved incinerator. Follow all local, federal, and state requirements for disposal.

6. HEALTH HAZARD DATA:

EYE: May cause slight transient (temporary) eye irritation.

SKIN CONTACT: Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is abraded (scratched or cut).

SKIN ABSORPTION: A single prolonged exposure is not likely to

(Continued on Page 3)

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MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07670

Page: 3

PRODUCT NAME: AMBITROL (R) INHIBITOR COOLANT

Effective Date: 10/06/88 Date Printed: 12/16/88

MSDS:000553

6. HEALTH HAZARD DATA: (CONTINUED)

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: Single dose oral toxicity is low. The oral LD50 for rats is >3980 mg/kg. Amounts ingested incidental industrial handling are not likely to cause injury; however, ingestion of larger amounts could cause serious injury, even death. Excessive exposure may cause central nervous system effects, cardiopulmonary effects (metabolic acidosis), and kidney failure.

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 deposition of calcium salts in various tissues after long-term dietary intake of ethylene glycol. Ethylene glycol did not cause cancer in long-term animal studies. Based on data from long-term animal studies, diethylene glycol is not believed to pose a carcinogenic risk to man. 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

(Continued on Page 4)

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MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07670

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PRODUCT NAME: AMBITROL (R) INHIBITOR COOLANT

Effective Date: 10/06/88 Date Printed: 12/16/88

MSDS:000553

6. HEALTH HAZARD DATA: (CONTINUED)

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 (ethylene glycol). Results of mutagenicity tests in animals have been negative (ethylene glycol).

7. FIRST AID:

EYES: Irrigate immediately with water for at least five minutes.

SKIN: Wash off in flowing water or shower.

INGESTION: Induce vomiting if large amounts are ingested.
Consult medical personnel.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: In treatment of intoxication with ethylene glycol, hemodialysis and intravenous fluids to control acidosis should be considered. N. Eng. J. Med., 304:21 1981. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient. If burn is present, treat as any thermal burn, after decontamination.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): ACGIH TLV is 50 ppm (125 mg/m³) ceiling for ethylene glycol vapor.

VENTILATION: Good general ventilation should be sufficient for most conditions.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

(Continued on Page 5)

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MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07670

Page: 5

PRODUCT NAME: AMBITROL (R) INHIBITOR COOLANT

Effective Date: 10/06/88 Date Printed: 12/16/88

MSDS:000553

8. HANDLING PRECAUTIONS: (CONTINUED)

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. Use impervious gloves when prolonged or frequently repeated contact could occur. If hands are cut or scratched, use impervious gloves even for brief exposures.

EYE PROTECTION: Use safety glasses. Where contact with material is likely, chemical goggles are recommended because eye contact may cause discomfort even though it is unlikely to cause injury.

9. ADDITIONAL INFORMATION:

REGULATORY REQUIREMENTS:

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

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: No special precautions other than the practice of reasonable care and caution.

MSDS STATUS: Revised Sections 1, and 6-8.

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MATERIAL SAFETY DATA SHEET

PENNWALT CORPORATION
THREE PARKWAY
PHILADELPHIA, PA 19102

EMERGENCY PHONE NUMBERS
BUSINESS EAST: 215-587-7291
BUSINESS WEST: 503-238-7230
OTHER #1: 713-455-1211

PRODUCT IDENTIFICATION

PRODUCT NAME: SPOTLEAK (R) 1009
CAS NO.: MIXTURE
CHEMICAL NAME: BLEND: TERTIARY BUTYL MERCAPTAN, ISOPROPYL MERCAPTAN & NORMAL PROPYL MERCPTN
MOLECULAR FORMULA: C4H10S, C3H8S AND C3H8S.
SYNONYMS: NONE
CHEMICAL FAMILY: ALKYL MERCAPTANS

INGREDIENTS---HAZARD CLASSIFICATIONS

COMPONENTS:	CAS NO.:	%	OSHA:	NFPA:
TERTIARY BUTYL MERCAPTAN	75-66-1	79	FLAMMABLE IRRITANT	2-3-
ISO-PROPYL MERCAPTAN	75-33-2	15	FLAMMABLE IRRITANT	2-3-
NORMAL PROPYL MERCAPTAN	107-03-9	6	FLAMMABLE IRRITANT	3-3-

SHIPPING INFORMATION

TT: MERCAPTAN MIXTURE, ALIPHATIC; FLAMMABLE LIQUID; NA 1228; FLAMMABLE PLACARDS; GAS ODORANT. PORTABLE TANK: MERCAPTAN MIXTURE, ALIPHATIC; FLAMMABLE LIQUID; NA 1228; PLACARDED FLAMMABLE; GAS ODORANT. DRUMS: MERCAPTAN MIXTURE, ALIPHATIC; FLAMMABLE LIQUID; NA 1228; GAS ODORANT.

PHYSICAL PROPERTIES

BOILING POINT/RANGE: 60-70 C 140-158 F	MELTING POINT: NA	FREEZING POINT: <-50 F
MOLECULAR WEIGHT: 86.7	SPECIFIC GRAVITY(H2O=1): 0.812 @ 15.5/15.5 C	VAPOR PRESSURE(MM HG): 6.6 @ 37.8 C 100 F
VAPOR DENSITY(AIR=1): 3.0	SOLUBILITY IN H2O: NEGLECTIBLE	% VOLATILES BY VOLUME: 100

APPEARANCE AND ODOR:
WATER-WHITE LIQUID WITH GAS-LIKE (MERCAPTAN) ODOR.

NA - NOT APPLICABLE NE - NOT ESTABLISHED
(R) - INDICATES REGISTERED TRADEMARK OF PENNWALT CORPORATION

FIRE AND EXPLOSION DATA

FLASH POINT: 0 F TCC
FLAMMABLE LIMITS: LOWER: NE UPPER: NE
AUTOIGNITION TEMP.: NE

EXTINGUISHING MEDIA:
WATER- SPRAY WATER- FOG CO2 DRY CHEMICAL FOAM

DO NOT DIRECT WATER INTO LIQUID.

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR *SCBA IF ENTERING AREA WHERE FIRE IS PRESENT.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

EXTREMELY FLAMMABLE.

REACTIVITY DATA

STABILITY: STABLE
CONDITIONS CONTRIBUTING TO INSTABILITY: NA

INCOMPATIBILITY-AVOID CONTACT WITH:
STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION THERMAL AND OTHER:

HYDROGEN SULFIDE (THERMAL). SULFUR DIOXIDE (COMBUSTION).

CONDITIONS TO AVOID:

HEAT OPEN FLAMES SPARKS IGNITION SOURCES

TOXICITY

ROUTE: ANIMAL: DATA:
ORAL RATS LD50: APPROX. 1500 MG/KG.
DERMAL RATS NON-LETHAL AT 2000 MG/KG.
INHALATION RATS LC50: APPROX. 16,000 PPM.

TOXIC EFFECTS

EYE EFFECTS: IRRITANT

CONJUNCTIVAL INFLAMMATION (RABBIT) REVERSIBLE. ACUTE BUT BRIEF PAIN ON

NA - NOT APPLICABLE NE - NOT ESTABLISHED
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TOXICITY - CONTINUED

CONTACT.

SKIN EFFECTS: IRRITANT

MODERATE SKIN EFFECT.

HEALTH HAZARD INFORMATION

PERMISSIBLE EXPOSURE LIMITS:

NE (1984)

EMERGENCY FIRST AID

INGESTION: NA

DERMAL:

WASH WITH SOAP
AND WATER

EYE CONTACT:

FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES GET MEDICAL ATTENTION

INHALATION:

REMOVE TO
FRESH AIR

INHALING VAPORS IN HIGH CONCENTRATION MAY TEMPORARILY DESENSITIZE OLFAC-
TORY SYSTEM AND MAY CAUSE HEADACHE AND NAUSEA.

SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS:

USE WITH ADEQUATE
VENTILATION

EYE: GOGGLES

HAND(GLOVE TYPE): SYNTHETIC RUBBER ANY NON-PERMEABLE GLOVE

RESPIRATOR TYPE: SELF-CONTAINED SUPPLIED AIR

USE THESE FOR ENTERING AREAS CONTAINING SPILL OR FIRE.

OTHER PROTECTIVE EQUIPMENT: NA

NA - NOT APPLICABLE NE - NOT ESTABLISHED
(R) - INDICATES REGISTERED TRADEMARK OF PENNWALT CORPORATION

SPECIAL HANDLING AND STORAGE CONDITIONS

WASH THOROUGHLY
AFTER HANDLING

DO NOT GET IN EYES,
ON SKIN OR CLOTHING

DO NOT BREATHE
DUST, VAPOR, MIST, GAS

KEEP CONTAINER
CLOSED

KEEP AWAY FROM HEAT,
SPARKS, AND OPEN FLAMES

STORE IN TIGHTLY
CLOSED CONTAINERS

USE EXPLOSION
PROOF EQUIPMENT

EMPTY CONTAINER MAY
CONTAIN HAZARDOUS
RESIDUES

SPILL MANAGEMENT

ABSORB WITH SAND
OR INERT MATERIAL

NEUTRALIZE

PREVENT SPREAD
OF SPILL

TREAT UNABSORBED LIQUIDS WITH HOUSEHOLD BLEACH SOLUTION. DO NOT USE
SOLID BLEACH, AS VIOLENT REACTION, AND EVEN FIRE, CAN OCCUR.

DISPOSAL PROCEDURES

INCINERATE IF PERMITTED BY AUTHORITIES.

CONSULT FEDERAL, STATE, OR LOCAL AUTHORITIES FOR PROPER DISPOSAL PROCEDURES.

MSDS PREPARED BY JENN M. TOTH

THE ABOVE INFORMATION IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER,
SINCE DATA, SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO
CHANGE AND THE CONDITIONS OF HANDLING AND USE, OR MISUSE ARE BEYOND OUR
CONTROL, PENNWALT MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH
RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION
CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. USER
SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS
PARTICULAR USE.

NA - NOT APPLICABLE NE - NOT ESTABLISHED
(R) - INDICATES REGISTERED TRADEMARK OF PENNWALT CORPORATION

MATERIAL SAFETY DATA SHEET

Preparation Date: Sept. 1, 1990

EG&G CHANDLER ENGINEERING
7707 EAST 38th ST.
TULSA, OKLAHOMA 74145-9932
TELEPHONE (918) 627-1740

FOR FURTHER INFORMATION
EM SCIENCE
TELEPHONE (609) 354-9200

SECTION I - GENERAL INFORMATION

Catalog Number(s) C03154
C03511
Chemical Name.....: Karl Fischer Reagent - Pyridine Free
Trade Name.....: None
C. A. S. Number.....: See Section II
Chemical Family: N/A
Formula.....: N/A (Mixture)
DOT Shipping Name.....: N/A
DOT Number.....: N/A

SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>TLV</u>	<u>PEL</u>	<u>APPROX %</u>	<u>CAS #</u>
Ethylene Glycol				
Monomethyl Ether	5 ppm-air	25 ppm-air	10 - 25	109-86-4
Non-toxic amine	NE	NE	5 - 10	proprietary
Iodine	0.1 ppm	0.1 ppm	5 - 10	7553-56-2
Sulfur Dioxide	2 ppm	2 ppm	5 - 10	7446-09-5
Ethylene Glycol	50 ppm-ceiling	50 ppm-ceiling	50 - 75	107-21-1

SECTION III - PHYSICAL DATA

Boiling Point (C760 mm Hg).....: N/A
Melting Point (C).....: N/A
Specific Gravity (H₂O = 1).....: 1.11
Vapor Pressure (mm Hg).....: N/A
Percent Volatile by Vol %.....: 99 plus
Vapor Density (Air = 1).....: N/A
Evaporation Rate (Bu Ac = 1).....: N/A
Solubility in water (%).....: Soluble
Appearance and Odor.....: Brown liquid, Pungent odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (F).....: 190° (F)
Flammable Limits LEL%.....: N/A
Flammable Limits UEL%.....: N/A
Extinguishing Media: "Alcohol" foam, CO₂, Dry chemical
Fire Fighting Procedure.....: Wear self-contained breathing apparatus,
protective clothing.
Fire and Explosion Hazards.....: Produces toxic fumes on thermal decomposition.

SECTION V - HEALTH HAZARD DATA (ACUTE AND CHRONIC)

ACGIH TLV/OSHA PEL (TWA).....:
See Section II)
Toxicity Data.....:
-N/A
Symptoms of Exposure.....:
-Liquid & vapor are highly irritating to skin, eyes, mucous membranes
Toxic by ingestion, inhalation and skin absorption
Effects include dizziness, nausea, headaches, unconsciousness, edema
of lungs and kidney damage
Medical Cond. Aggravated by Exp.....: Data not available
Routes of Entry.....: Inhalation, ingestion or skin contact
Carcinogenicity.....: See comments, Section X; if no inform-
ation appears, the material is not listed as a cancer causing agent.
Emergency First Aid.....:
GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE
Skin: wash with soap and water
Eyes: immediately flush thoroughly with water for at least 15 minutes
Inhalation: remove to fresh air; give artificial respiration if
breathing has stopped.
Ingestion: if conscious, induce vomiting

SECTION VI - REACTIVITY DATA

Stability: Yes
Conditions to Avoid.....:
-Heat, contact with ignition sources
Materials to Avoid.....: (X) Water (X) Acids
() Bases () Corrosives (X) Oxidizers
() Other (specify) - N/A
Hazardous Polymerization.....: Data not available
Hazardous Decomposition.....: -NOx, SO₂, Iodine compounds

SECTION VII -- ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response:

- Contain spill, take up with absorbent
- Containerize for proper disposal

Waste Disposal: To be performed in compliance with all current local, state and federal regulations

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation, Respiratory Protection, Protective Clothing, Eye Protection:

- Material must be handled or transferred in an approved fume hood or with equivalent ventilation

Protective gloves (Viton or equivalent) must be worn to prevent skin contact

Safety glasses with side shields must be worn at all times

SECTION IX - SPECIAL PROTECTION INFORMATION

Handling & Storage.....:

- Keep container closed tightly; store away from oxidizers
- Store in a cool, well-ventilated area away from ignition sources
- Do not breathe vapor
- Do not get in eyes, on skin, or on clothing
- Do not take internally

Work/Hygienic Practices: Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be readily available.

SECTION X - OTHER INFORMATION

Comments.....:

- Tests on laboratory animals indicate one or more components of this product may be tumorigenic and cause mutagenic and adverse reproductive effects

Ethylene Glycol Monomethyl Ether Notice (12-11-88): OSHA has determined that existing PEL(s) appear inadequate to protect workers from a significant risk of material impairment to their health

Rev. 6/87

Revision History.....: N/A
Oct 27, '87

N/A = Not available:



ADMINISTRATIVE OFFICE:
2939 North 67th Place
Scottsdale, Arizona 85251
(602) 990-9487

Western Chemical International, Inc.

MAILING ADDRESS:
P.O. Box 2226
Scottsdale, Arizona 85252

EPA 2000

DIRECTIONS FOR USE:

IN A VAT: The efficient action of EPA 2000 makes it an ideal cold-degreasing solvent for parts and equipment of all sizes. Small electric motors can even be cleaned without disassembling. Disconnect power source and immerse completely. After electric motors are removed from the tank of EPA 2000, they should not be re-started until all of the products has evaporated. Drying time can be hastened by blowing off remaining solvent with compressed air.

SPRAY ON EQUIPMENT: The fast solvent action of EPA 2000 makes it penetrate quickly into oil, grease, dirt, etc., to clean machinery motor housings, tools and almost any type of surface. The product evaporates in about five to eight minutes.

IN A PARTS WASHER: EPA 2000 can be used safely and effectively whether system is circulating or not. The product is safe for most plastics and rubber.

EPA 2000 is an effective and safe degreaser and should be used wherever a non-water soluble solvent is required or desired.

EPA 2000 DEGREASER CAN BE USED FOR ALL THE FOLLOWING APPLICATIONS:

Automotive Parts	Exhaust Equipment	Machinery Parts
Aircraft Parts	OCB's	Mine Haulers
Compressors	Reclosers	Pumps
Condensers	Rectifiers	Radio Equipment
Diesel Equipment	Food Display Equipment	Shovels
Dragline	Gas Cylinders	Switchgear
Electric Motors	Generators	Tools
Electric Lamps and Fixtures	Loaders	Turbines
Hydraulics	Chain	Cable
	*Transformers	

*Do not contaminate or mix EPA 2000 with toxic PCB's, as an offensive odor will occur.



Member
Western Mining
Electrical Assn.

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY (As Used on Label and List)
 EPA 2000 Water Soluble (WCI-82)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Western Chemical International, Inc.	Emergency Telephone Number (602) 990-9487
Address (Number, Street, City, State, and ZIP Code) 2939 N. 67th Place	Telephone Number for Information (602) 990-9487
Scottsdale, Arizona 85251	Date Prepared 3/12/89
	Signature of Preparer (optional) M. Michaels

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NONE OF THE INGREDIENTS IN THIS FORMULATION ARE FOUND ON ANY LISTS OF HAZARDOUS, CARCINOGENIC OR BANNED CHEMICAL AGENTS OR MATERIALS GENERATED BY THEM. AGENCIES INVESTIGATED INCLUDE THE E.P.A.; F.D.A., NATIONAL CANCER INSTITUTE, NATIONAL SCIENCE FOUNDATION, O.S.H.A. (FEDERAL AND CALIFORNIA), CONSUMER PRODUCT SAFETY COMMISSION, D.O.T. (SAFETY INSTITUTE AND SPECIAL PROGRAMS ADMINISTRATION), AND THE NATIONAL TOXICOLOGY PROGRAM. THE FORMULATION IS A TRADE SECRET AND COMPLIES WITH 29CFR XVII-1910 1200 SECTION (i) "TRADE SECRETS." PRODUCT CONTAINS:				
D- LIMONENE	CAS# 5989-27-5			
SURFACTANTS	CAS# 2602-27-38-3			

Section III -- Physical/Chemical Characteristics

Bolling Point	greater than 340°F	Specific Gravity (H ₂ O = 1)	0.88
Vapor Pressure (mm Hg.)	N/A	Melting Point	5 at 100°C
Vapor Density (AIR = 1)	4.7	Evaporation Rate (Butyl Acetate = 1)	less than 1
Solubility in Water	Completely Soluble		

Appearance and Odor
 NONE VISCOUS LIQUID; COLOR: CLEAR TO LIGHT YELLOW. ODOR: CITRUS/PINE

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used)	118° F (TCC)	Flammable Limits	LEL 0.7	UEL 6.1
Extinguishing Media	DRY POWDER, FOAM, CO ₂			
Special Fire Fighting Procedures	CLASS B FIRE PROCEDURES			

Unusual Fire and Explosion Hazards
 KEEP AWAY FROM ALL SPARKS & OPEN FLAMES.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	XX	Strong oxidizing agents, open flames, welding arcs.

Incompatibility (Materials to Avoid) NONE KNOWN OTHER THAN ABOVE

Hazardous Decomposition or Byproducts NONE KNOWN

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	XX	POLMERIZATION CATALYSA SUCH AS ALUMINUM CHLORIDE

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? NOT IN NORMAL USE Skin? POSSIBLE IF OVER EXPOSED Ingestion? NOT IN NORMAL USE

Health Hazards (Acute and Chronic) NONE IDENTIFIED

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure NONE UNDER NORMAL USAGE. SEVERE OVER EXPOSURE MAY, HOWEVER, RESULT IN EYES: IRRITATION, SKIN: POSSIBLE IRRITATION, INGESTION: NAUSEA, DIARRHIEA:

Medical Conditions Generally Aggravated by Exposure NONE IDENTIFIED

Emergency and First Aid Procedures EYES: FLUSH WITH WATER FOR 15 MINUTES: SKIN: WASH WITH SOAP& WATER FOR 15 MINUTES. INHALATION: MOVE TO FRESH AIR. INGESTION: DRINK LARGE VOLUMES OF MILK OR OTHER LIQUID. CONSULT PHYSICI.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: FLUSH WITH VERY LARGE AMOUNTS OF WATER TO SEWER.

Waste Disposal Method SEWERAGE WITH FLUSH WHEN APPLICABLE WITHIN STATE, LOCAL, AND FEDERAL REGULATIONS.

Precautions to Be Taken in Handling and Storage STORE AWAY FROM HEAT AND OPEN FLAMES. STORE IN SEALED ORIGINAL CONATINER IN COOL, DRY AREA

Other Precautions KEEP AWAY FROM CHILDREN.

Section VIII — Control Measures

Respiratory Protection (Specify Type) NOT REQUIRED

Ventilation	Local Exhaust	ADEQUATE	Special	NONE
	Mechanical (General)	ADEQUATE	Other	NONE

Protective Gloves CHEMICAL RESISTANT Eye Protection SAFETY GLASSES, GOGGLES.

Other Protective Clothing or Equipment NOT REQUIRED

Work/Hygenic Practices AVOID SMOKING IN AREA. WASH BEFORE EATING. IF POSSIBLE HAVE EYE WASH IN VICINITY .

MATERIAL SAFETY DATA SHEET

3

DATE:

(ESSENTIALLY SIMILAR TO FORM OSHA-20)

I-PRODUCT INFORMATION			
MANUFACTURED FOR ALPHA DYN CHEMICAL		EMERGENCY PHONE NUMBER (505) 392-7034	
ADDRESS P.O. BOX F #3 BRAND DRIVE HOBBS, N.M. 88240		OTHER	
FORMULA PROPRIETARY	TRADE NAME BLUE TIGER		
II-HAZARDOUS INGREDIENTS			
	CAS #	%(wt)	TLV(ppm)
III-PHYSICAL DATA			
BOILING POINT (*F)	212	SPECIFIC GRAVITY (H ₂ O = 1)	1.035
VAPOR PRESSURE (psig)	18	% VOLATILE BY VOLUME	90.00
VAPOR DENSITY	N/A	EVAPORATION RATE (WATER = 1)	1.00
SOLUBILITY IN WATER	100%	APPEARANCE AND ODOR	CLEAR, BLUE, MOD. VISCIOUS LIQUID
IV-FIRE & EXPLOSION HAZARD DATA			
FLAMMABILITY AS PER CPSC FLAME EXTENSION TEST NONE	FLAMMABLE LIMITS Lower Upper		
EXTINGUISHING MEDIA NONE			
SPECIAL FIRE FIGHTING PROCEDURES NONE			
UNUSUAL FIRE & EXPLOSION HAZARDS NONE			
V-REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

August 5, 1991

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

CERTIFIED MAIL
RETURN RECEIPT NO. P-757-737-752

Mr. Frank W. Diemont
Transwestern Pipeline Company
P. O. Box 1188
Houston, Texas 77251-1188

RE: Discharge Plan GW-84
Bloomfield Compressor Station
San Juan County, New Mexico

Dear Mr. Diemont:

The Oil Conservation Division (OCD) has received and is in the process of reviewing the discharge plan application, dated June 14, 1991, for the above referenced facility. The following comments and requests for additional information are based on review of the application:

1. Section II.A.6. lists several compounds that will be stored and used on site. Please supply the MSD sheets for all chemicals and compounds used at the site.
2. Section II.C states wastewater flow schematics are not applicable. There are floor drains, trenches, sumps and storage tanks described in other portions of the application. Please supply diagrams showing all wastewater collection units and piping. Include engineering diagrams of all units that are to be constructed below grade.
3. Section II.C.2.d lists several compounds to be stored on site in tanks and/or drums. It is OCD's policy that all drums and above ground saddle tanks at a facility are to be stored on an impermeable pad with curbing. All vessels designed to be erected on the surface of the ground will, at a minimum, be placed on a gravel pad at least one (1) inch thick and all vessels or sumps that will be constructed with any portion below the surface will be equipped with leak detection.
4. Section II.C.3 describes the underground piping to be constructed at the facility. This piping should be installed to allow for future isolation and pressure testing.

Mr. Frank W. Diemont
August 5, 1991

-2-

5. Section II.D.1 states wastes will be transported to an offsite disposal facility. Any offsite disposal will be to an OCD approved facility.
6. There is no mention of storm water runoff in the application. Due to the proximity of Citizens ditch and the San Juan River to the proposed facility, all storm water runoff from the facility will be contained within the facility boundaries. Stormwater that is released is subject to the Federal Clean Water Act stormwater management program. Contact the New Mexico Environment Department for information on the requirements of this program, if stormwater is released off-site.

Submission of the requested information will allow review of your application to continue.

If you have any questions, please call me at (505) 827-5884.

Sincerely,



Roger C. Anderson
Environmental Engineer

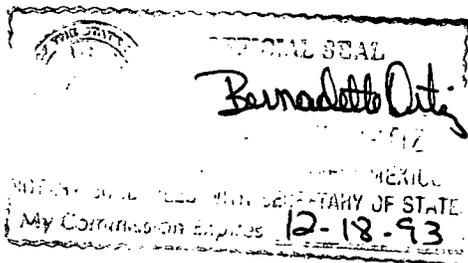
RCA/sl

cc: OCD Aztec Office

STATE OF NEW MEXICO
County of Bernalillo ss

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...../.....times, the first publication being on the...28...day
of June....., 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, this28... day of June....., 1991.

PRICE..... \$22.56

Statement to come at end of month.

CLA-22-A (R-12/91)

ACCOUNT NUMBER..... C81184

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERAL & NATURAL
RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following applications to modify a commercial solid waste disposal facility has been submitted for approval to the Director of the Oil Conservation Division, State Land Office Building, PO Box 2088, Santa Fe, New Mexico 87504-2088, Telephone: (505) 827-8800.
(GW-84) Transwestern Pipeline Company, Frank W. Diamond, Senior Project Engineer, PO Box 1188 Houston, Texas 77251-1188, has submitted a discharge plan application for its Bloomfield Compressor Station located in the NW/4, Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of pipeline liquids will be stored in an above ground steel tank sited within a bermed area prior to transport an OCD approved disposal facility. Groundwater most likely to be affected by any spills, leak or other accidental discharge to the surface is of a depth of approximately 50 feet with a total dissolved solids concentration of about 1800 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.
Any interested person may obtain 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 application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to filing on any proposed permit 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 19th day of June, 1991.
STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
William J. Larned, Director
Journal: June 28, 1991

AFFIDAVIT OF PUBLICATION

No. 27982

STATE OF NEW MEXICO,
County of San Juan:

Christine Hill being duly
sworn, says: That he is the ~~Publ. Adv. Hanger~~ of
THE FARMINGTON DAILY TIMES, a daily newspaper of general circulation
published in English at Farmington, said county and state, and that the
hereto attached Legal Notice

was published in a regular and entire issue of the said FARMINGTON DAILY
TIMES, a daily newspaper duly qualified for the purpose within the
meaning of Chapter 167 of the 1937 Session Laws of the State of New
Mexico for One consecutive (days) (~~weeks~~) on the same day as
follows:

First Publication Wednesday, July 3, 1991
Second Publication _____
Third Publication _____
Fourth Publication _____

and that payment therefor in the amount of \$35.40
has been made.

Christine Hill

Subscribed and sworn to before me this 12th day

of July 1991.

Connie Ardise
NOTARY PUBLIC, SAN JUAN COUNTY, NEW MEXICO

My Commission expires: July 3, 1993

Copy 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, State Land Office Building, P. O. Box 2088,
Santa Fe, New Mexico 87504-2088, Telephone (505)
827-5800:

(GW-84) - Transwestern Pipeline Company, Frank
W. Diemont, Senior Project Engineer, P. O. Box
1188, Houston, Texas 77251-1188, has submitted a
discharge plan application for its Bloomfield Com-
pressor Station located in the NW/4, Section 13,
Township 29 North, Range 11 West, NMPM, San
Juan County, New Mexico. Approximately 2 gallons
per day of pipeline liquids will be stored in an above
ground steel tank sited within a bermed area prior to
transport an OCD approved disposal facility.
Groundwater most likely to be affected by any spills,
leak or other accidental discharge to the surface is at
a depth of approximately 50 feet with a total
dissolved solids concentration of about 1600 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 infor-
mation 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 dis-
charge 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 Conserva-
tion Commission at Santa Fe, New Mexico, on this 19th
day of June, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director

SEAL
Legal No 27982 published in the Farmington Daily
Times, Farmington, New Mexico on Wednesday, July 3,
1991.

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, State Land Office Building, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

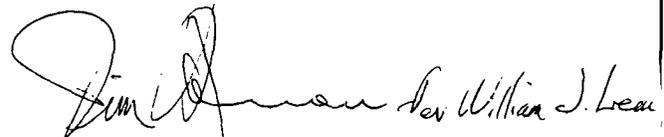
(GW-84) - Transwestern Pipeline Company, Frank W. Diemont, Senior Project Engineer, P. O. Box 1188, Houston, Texas 77251-1188, has submitted a discharge plan application for its Bloomfield Compressor Station located in the NW/4, Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of pipeline liquids will be stored in an above ground steel tank sited within a bermed area prior to transport an OCD approved disposal facility. Groundwater most likely to be affected by any spills, leak or other accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of about 1600 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 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 19th day of June, 1991. To be published on or before June 28, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

S E A L



OIL CONSERVATION DIVISION
P.O. Box 2088

P. O. Box 1188 Houston, Texas 77251-1188

1991 JUN 17 11 13
(713) 654-6161

June 14, 1991

New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, N.M. 87501

Attention: Mr. Roger Anderson
Environmental Engineer

Subject: Discharge Plan Application
Bloomfield Compressor Station
Transwestern Pipeline Company

Dear Mr. Anderson:

This Discharge Plan Application for the new Bloomfield Compressor Station, located in San Juan County, New Mexico, is being submitted on behalf of Transwestern Pipeline Company. If you require additional information or clarification, please contact me at (713)853-7322, or Leonard Hilton at (713)853-7475.

I. **GENERAL INFORMATION**

A. Discharger/Legally Responsible Party

Name: Transwestern Pipeline Company
Bloomfield Compressor Station
Attn: Roger LaLonde

Address: Belen District Office
P.O. Box 1249
Belen, N.M. 87002

Telephone: (505) 864-7461

B. Local Representative or Contact Person

Not available at this time.

C. Location of Discharge

Legal Description: N.W. 1/4 of Section 13, T29N,
R11W, NMPM, San Juan County, New Mexico.

Bloomfield Compressor Station Discharge Plan

June 14, 1991

Page 2

A USGS 7.5 minute quadrangle map and a plot plan showing location of discharge, compressor station equipment, and other site information required below, are attached.

NOTE: All onsite routine discharges are to sumps or above-ground tanks, with subsequent transfer offsite by an appropriate hauler. No onsite discharges are intentionally allowed to enter surface waters or groundwaters.

D. Type of Natural Gas Operation

The Bloomfield compressor station provides compression for 520 MMscfd of natural gas in the Transwestern system. It receives natural gas through one 30" and two 24" diameter lines and transport it southward through one 30" pipeline.

E. Copies

Three copies of the discharge plan application are enclosed.

F. Affirmation

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

Sincerely,



Frank W. Diemont
Sr. Project Engineer
Plants Design Engineering

3 Copies

cc: Bill Janacek w/o USGS map
Jon Lohmann, w/o USGS map
Leonard Hilton
Alan Bowman
Jim Carter
Roger LaLonda

bfdischplan

II. PLANT FACILITIES

A. Sources and Quantities of Effluent and Fluids

For each source, primary quality type (e.g., high TDS water, hydrocarbons, sewage), estimated quantities, and major additives, if any, are provided.

1. Scrubbers: The gas supply from the producers is expected to contain no free liquids. As a precaution, a centrifugal scrubber is placed in each incoming line to remove entrained pipeline liquids from the gas stream and shut down the facility if these liquid quantities become excessive. The removed pipeline liquids are temporarily stored in an above-ground liquid storage tank. The liquids are removed periodically by a liquid hauler and marketed. The services for the hauler have not been contracted.
2. One Cummins 350 KW generator has a closed-loop radiator system (i.e., use pre-mixed coolants, no additives).
3. Boilers: Not Applicable.
4. Engine Cooling Water: Not Applicable.
5. Cooling tower: Not Applicable.
6. Sewage: Sewage is directed to an onsite septic tank and associated leach fields. The system is completely separate from compressor station effluents with no comingling.
6. Other: There is no truck washing at this compressor station. Weeds are controlled by periodic spraying of herbicides by a third party contractor. Indoor pests are controlled by periodic spraying of pesticides by a third-party contractor.

Floor drains are discussed in Section II.B.6.

Materials stored and used onsite may include: Citgo turbine oil, methanol, Dow Ambitrol pre-mixed glycol and water solution, odorant (mercaptans) which are added to gas consumed onsite, Karl Fisher reagent, Western Chemical EPA 2000 solvent and Alpha Blue Tiger soap.

B. Quality Characteristics

Characteristics of the anticipated individual waste streams are as follows:

1. Scrubbers: Pipeline liquids are received at the compressor station as part of the gas stream. The liquids are not separated onsite. The hydrocarbon phase is a marketed product.
2. Generator: Cooling is done in a closed loop system using a pre-mixed water/glycol solution.
3. Boilers: Not Applicable.
3. Engine cooling water: Not Applicable.
4. Cooling tower: Not Applicable.
5. Sewage: Not Applicable (domestic sewage).
6. Other: Herbicides, pesticides, rodenticides are administered by third party contractors, and are not stored onsite.

Turbine/compressor oil is consumed in operation and used oil is normally not removed. Oil contamination could occur from an accidental equipment failure. In this case, the contaminated oil will be drained from the unit, transferred into drums, temporarily stored onsite and removed from the premises for proper disposal.

The make-up oil is transferred to the turbines in a closed system. Oil leaks from the piping joints are normally wiped clean. Floor drains in the engine room pipe trenches should collect oily waste-water when oil film is washed from the turbines and centrifugal compressors, and is directed to a steel sump outside of the engine room; from there it is pumped to the oily waste-water storage tank. The steel sump is located below grade in a concrete pit and has a steel lid to prevent rainwater intrusion.

C. Transfer and Storage of Fluids and Effluents

1. Water and wastewater flow schematics are not applicable because no individual water treatment units exist. Liquid wastes are not discharged onsite; they are stored temporarily and then transferred offsite.

2. Potential water contaminants, which may be discharged to the surface and subsurface within the compressor station, would be associated with sumps, above-ground storage tanks, and connecting underground pipes. Sumps and storage tanks are inspected weekly. Liquid storage tanks are mounted above-ground to facilitate inspection. The three storage tanks are placed in the same area with a 2 feet high concrete curb and concrete pad with sump. The containment is sized for 1-1/3 of tank capacity. Liquid hauler would haul contaminated rainwater from the storage tank sump to a disposal well.
 - a. Pipeline liquids storage tank - 100 barrel capacity; steel-walled; contains pipeline liquid from scrubbers; liquid is removed from site by liquid hauler.
 - b. Oily waste-water storage tank - 100 barrel capacity; steel-walled; contains liquids from compressor building pipe trenches.
 - c. Lube oil storage tank - One 100 barrel capacity; steel walled vessel contains unused lube oil.
 - d. Other storage tanks, sumps and drums - (1) odorant drums, (2) Alpha Blue Tiger soap fiberglass tank, (3) Western Chemical EPA 2000 solvent drum, (4) Karl Fisher reagent drum, Dow Ambitol glycol and water drum, (5) methanol drum.

Sumps - See discussion in Section II.B.6.

3. Underground wastewater pipes, their age and specification (i.e., wall thickness, fabrication material), are:
 - a. All underground pipes are new and constructed like Transwestern's transportation pipelines. They are made of coated steel and connected to the plant's rectifier system for corrosion control. Specifications are:
 1. Pipe from engine room to oily waste-water storage tank: 2" diameter; Schedule 40; .154" wall thickness.
 2. Pipe from scrubber to pipeline liquids storage tank; 6" diameter; Schedule 40; 0.280" wall thickness.

3. Pipe from oil storage tank to turbines: 3" diameter; Schedule 40; 0.216" wall thickness.

D. Spill/Leak Prevention and Housekeeping Procedures

1. SPCC: Procedures addressing spill containment and cleanup including proposed scheduled for OCD notification of spills, are described in the compressor station's spill prevention contingency plan (SPCC); this document will be prepared and a copy be forwarded to OCD as soon as it is finalized. Information as to whether tanks and sumps are curbed or bermed is presented in Section II.C.2. Drains and sumps are discussed in Section II.B.6. Final disposition of material is:
 - a. Pipeline liquids from pipeline liquid storage tank, and contaminated rainwater from storage tank sump: to be hauled off the site by liquid hauler to be selected.
 - b. Liquids from the oily waste-water storage tank: to be hauled off the site by a contractor to be selected.
 - c. Cleaning rags, used filters and other solid waste: to be hauled off the site by a contractor to be selected.
2. Housekeeping: Precipitation run off is directed away from the compressor station facility. Cleanup of routine spills is addressed in Section II.B.6. Information on curbs and berms, drains, and disposition, are discussed in Sections II.C.2., II.B.6, and II.D.1, respectively.
3. Leak detection: There are no automated systems to detect leaks and ensure integrity of above-ground tanks, below-ground sumps, and buried pipes. Sumps and storage tanks are inspected on a weekly basis.
4. Injection wells: No injection wells, monitor wells, or potable water wells exist onsite.
5. Production well: A production gas well, the Garrett Federal Com. 2 # 1, exists on the site which is owned and operated by El Paso Natural Gas Company.

III. EFFLUENT DISPOSAL

A. Existing Operations

1. Onsite Facilities.

- a. No onsite facilities exist for permanent disposal of produced pipeline liquids, sludges, waste oils, solvents, etc.

2. Offsite Disposal.

Offsite disposal of rainwater from storage tank sumps, and liquids from the oily waste-water storage tank and oily waste-water tank: by a contractor to be selected; see Sections II.D.1.a and b.

IV. SITE CHARACTERISTIC

A. Site Features

There is approximately 30 feet of relief from the northern property line downward toward the southwest. A gas well, small building and storage tank are located near the east center of the property. An existing dirt road crosses from the northwest corner to east center.

The construction grading will level and raise the north half of the site for the installation of the station facilities. The grading will still allow for natural drainage towards the southwest.

Residential development is located approximately 1500 to 2000 feet southwest of the property. Two mobile homes are located within a 1000 feet. Industrial facilities exist within 2500 feet of the property.

B. Hydrologic Features

1. Bodies of Water: The Citizens of Ditch irrigation canal lies approximately 300 feet south of the south property line; the San Juan River is approximately 1 mile south of the property; two (2) arroyos (intermittent flows) cross the site from north to south with drainage to the San Juan River.

Several depressions, which may pond water intermittently, lie within 2000 feet of the south property line. Several additional ponds are located within one (1) mile of the site.

2. Depth of Groundwater: Depth to groundwater at the site ranges from 50 to in excess of 65 feet. Groundwater depth decreases to the south, being near the ground surface in the vicinity of the San Juan River (approximately one (1) mile south of the site).
3. Groundwater Flow Direction: Appears to be south to southwest.

C. Geologic Description of Discharge Site

1. Soil Types: The site is underlain predominantly by fine silty sands and clayey sands with lesser amount of clean sands. Layers of medium to high plasticity clay are also present. The silty sands are moderately stratified with less of clean sand and medium to high plasticity clay lenses. The soils are in a loose to medium-dense or soft to moderately-firm state. The engineering properties of these soils fit the class definition of collapsing soils in that they are of low density, relatively soft, and have low in-situ moisture contents.

Estimated coefficients of permeability range from 1×10^3 cm/sec for the clean sands to less than 10 cm/sec for the high plasticity clays. The silty sands and clayey sands can be expected to have coefficients of permeability in the range of 10^3 to 10^6 cm/sec.

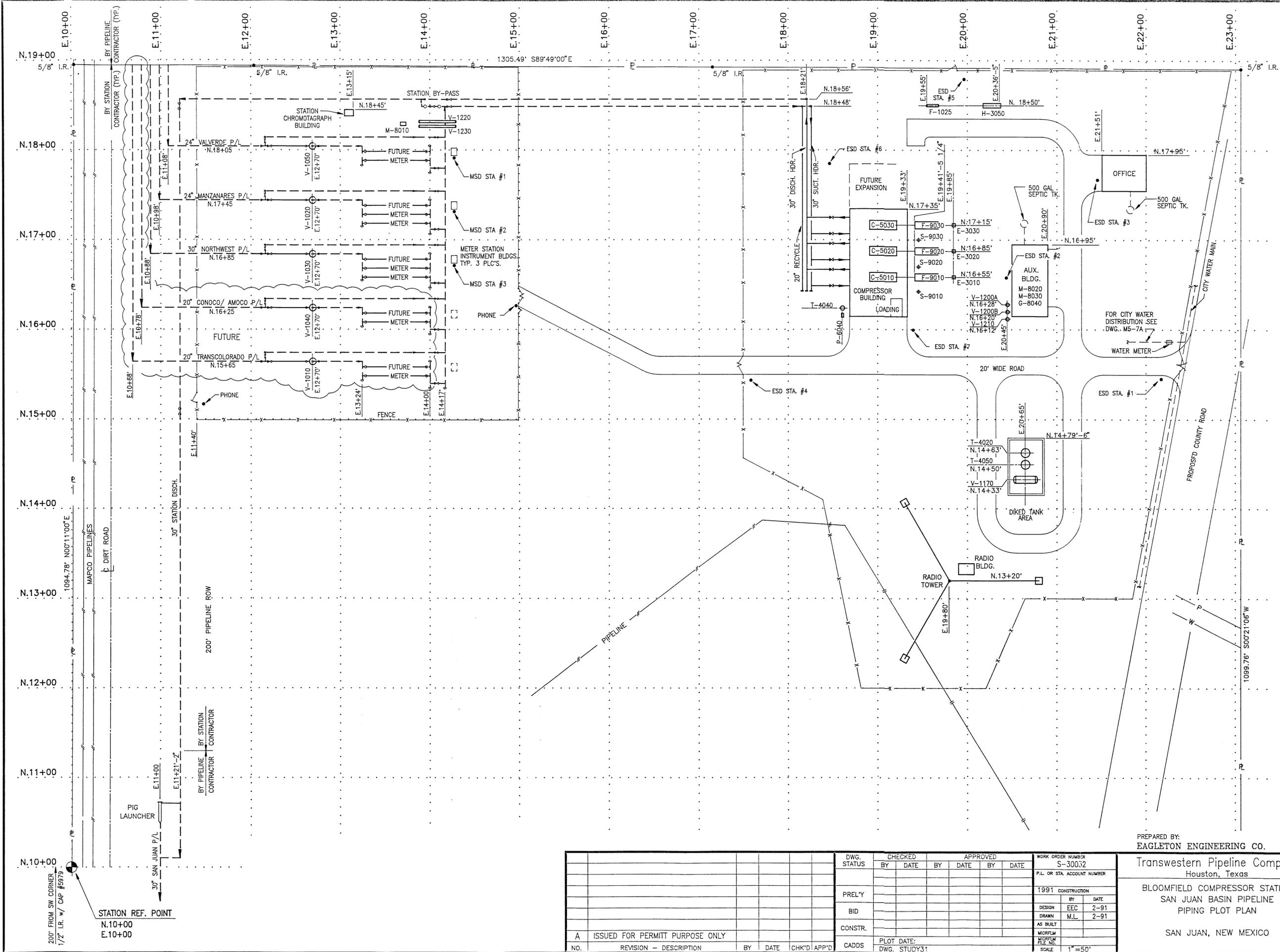
When tested, sandstone and claystone bedrock were encountered in Borings Nos. 8, 18, 19, 21, 22, 23 and 24 at depths ranging from 20 to 74 feet measured from

ground surface. No bedrock was encountered in the remaining 18 borings. Previous soil test borings in the vicinity indicate that the bedrock contact is very irregular, probably the result of ancient streams on an old erosion surface on the sedimentary rock.

The sandstone, known as the Nacimiento formation, is an arkosic sandstone. The rock has a crystalline gypsum matrix, is massively bedded and moderately weathered, and generally become less weathered with depth. The rock is geologically soft to moderately soft. Small coal casts are widely and randomly spaced.

D. Flood Protection

1. Food Potential: There is no known record or indication of onsite flooding.
2. Flood Protection: Diversion channels and culverts are provided for.



- MAJOR EQUIPMENT LIST**
- C-5010 TURBINE COMPRESSOR #1
 - C-5020 TURBINE COMPRESSOR #2
 - C-5030 TURBINE COMPRESSOR #3
 - E-3010 LUBE OIL COOLER FOR C-5010
 - E-3020 LUBE OIL COOLER FOR C-5020
 - E-3030 LUBE OIL COOLER FOR C-5030
 - F-1025 FUEL GAS FILTER
 - F-9010 INLET AIR FILTER FOR C-5010
 - F-9020 INLET AIR FILTER FOR C-5020
 - F-9030 INLET AIR FILTER FOR C-5030
 - G-8040 GENERATOR SET
 - H-3050 FUEL GAS HEATER
 - M-8010 ESD/ POWER GAS PACKAGE
 - M-8020 AIR COMPRESSOR PACKAGE
 - M-8030 T. AIR DRYER
 - P-6040 OILY WATER SUMP PUMP
 - S-9010 EXHAUST SILENCER FOR C-5010
 - S-9020 EXHAUST SILENCER FOR C-5020
 - S-9030 EXHAUST SILENCER FOR C-5030
 - T-4020 H. CARBON STORAGE TANK
 - T-4040 OILY WATER DRAIN SUMP
 - T-4050 OILY WATER DISPOSAL STORAGE TANK
 - V-1010 TRANSOLORADO SCRUBBER (FUTURE)
 - V-1020 MANZANARES SCRUBBER
 - V-1030 NORTHWEST SCRUBBER
 - V-1040 CONOCO/ AMOCO SCRUBBER (FUTURE)
 - V-1050 VALVERDE MEDIAN SCRUBBER
 - V-1170 LUBE OIL STORAGE TANK
 - V-1200A/B UTILITY AIR RECEIVER
 - V-1210 AIR RECEIVER
 - V-1220 POWER GAS STORAGE TANK
 - V-1230 POWER GAS STORAGE TANK

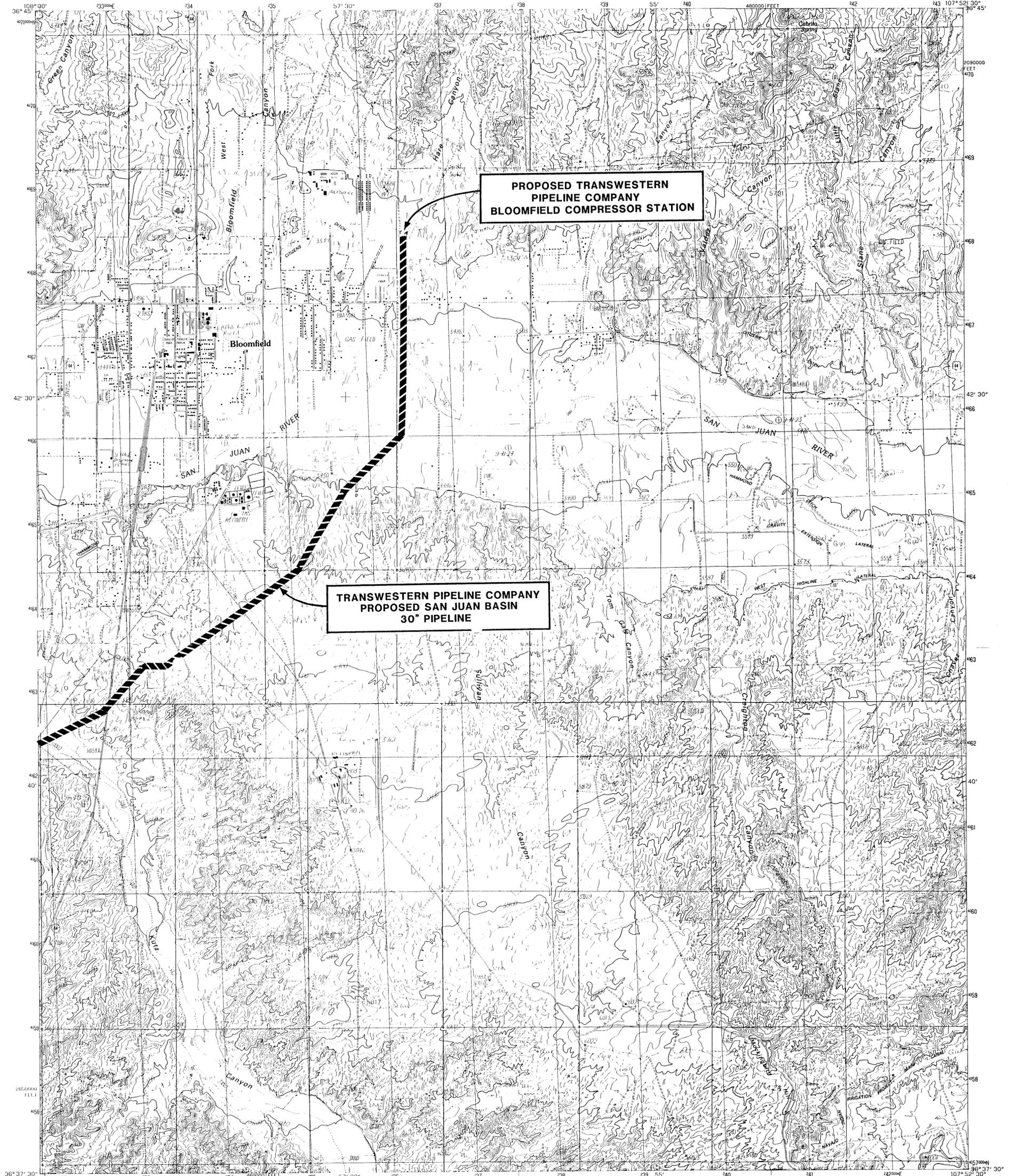
PREPARED BY:
EAGLETON ENGINEERING CO.

Transwestern Pipeline Company
Houston, Texas
BLOOMFIELD COMPRESSOR STATION
SAN JUAN BASIN PIPELINE
PIPING PLOT PLAN
SAN JUAN, NEW MEXICO

**ENRON
GAS PIPELINE
GROUP**

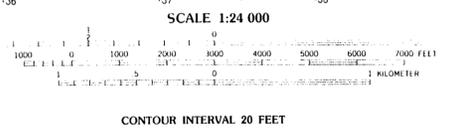
NO.	REVISION - DESCRIPTION	BY	DATE	CHK'D	APP'D	DWG. STATUS	CHECKED	APPROVED	WORK ORDER NUMBER
						PREL'Y	BY	DATE	BY
A ISSUED FOR PERMIT PURPOSE ONLY						P.L. OR STA. ACCOUNT NUMBER	1991 CONSTRUCTION		
CONSTR.						DESIGN	BY	DATE	
CADD						DRAWN	ECC	2-91	
						AS BUILT	M.L.	2-91	
						MICROFILM			
						FILE NO.			
						SCALE	1"=50'		

11/11/91
 DIVISION



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS, INDIANAPOLIS, INDIANA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1977
FIELD CHECKED 1981 MAP EDITED 1985
PROJECTION TRANSVERSE MERCATOR
GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 13
10 000-FOOT STATE GRID TICKS NEW MEXICO, WEST ZONE
UTM GRID DECLINATION 1°45' WEST
1985 MAGNETIC NORTH DECLINATION 13' EAST
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move
the projection lines as shown by dashed corner ticks
(2 meters north and 56 meters east)
There may be private inholdings within the boundaries of any
Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.



NEW MEXICO

ROAD LEGEND

- Improved Road
- Unimproved Road
- Trail
- Interstate Route
- U.S. Route
- State Route

QUADRANGLE LOCATION

1	2	3	4	5	6	7	8

ADJOINING 7.5 QUADRANGLE NAMES

1 Elora Vista
2 Arnie
3 Turkey
4 Hark Canyon
5 Blanco
6 Gallegos Trading Post
7 East Fork Kutz Canyon
8 Huerfano Peak

BLOOMFIELD, NEW MEXICO
PROVISIONAL EDITION 1985
36107-F8-TF-024

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

HT II UN
NOISING IV

ENRON / OGD 8/30/91 Meeting 1300 hrs

Participants

Roger Anderson } OGD
Bill Olson }
Frank Diemont ENRON
Roger LeHonde

Meet to discuss OGD 8/5/91 D.P. letter
requesting info.
Review item by item

Items

- F.R. 1.) will supply MSD sheets for all major (drum) chemical
- 2.) Presented schematic of plant drains
 - 3.) Drums will be stored on pads or on 1 floor where drains are located
 - 4.) All drain lines set to 1 for further testing
 - 5.) Oily waste water to OGD approval offsite disposal facility, or water to abate disposal and oil to recycler

6-) Revised storm water
Erosion will submit copy of SPC plan
when plan finished