

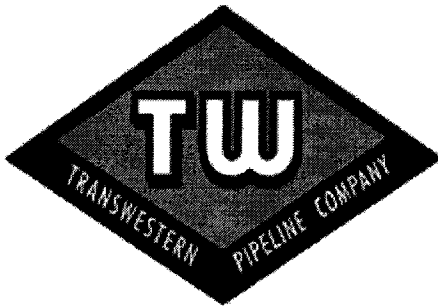
GW - 197

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

---

2005-1995



**Transwestern Pipeline Company**

6381 North Main Street  
Roswell, NM 88201  
505-625-8022

June 24, 2005

UPS Confirmation No. 1Z8755250342894954

Mr. Ed Martin  
Oil conservation Division  
1220 St. Francis Dr.  
Santa Fe, NM 87504

Reference: Underground Drain Line Testing, Monument Turbine Compressor Station,  
Transwestern Pipeline Company, OCD Discharge Plan No. GW-197

Dear Mr. Martin:

The following report presents the results of the underground drain line testing at the Transwestern Pipeline Company (Transwestern) Monument Turbine Station, Monument, New Mexico. This station is currently operating under OCD discharge plan GW- 197, which requires drain line testing to be conducted on all underground drain lines once every five years. 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 May 27, 2005. 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>
Used oil line from Turbines to Used oil tank	120	2.0
Turbine oil sumps to main sump	100	2.0
Main sump to Oily waste water tank	114	3.0
Scrubber dumps to Pipeline liquids tank	90	2.0

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 were then filled with water to a marked level on the vertical pipe of 6.95 ft. above the horizontal elevation of the drain line. This water level head created a positive pressure of 3.0 psi on 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 AND CONCLUSIONS**

A leak was located in an aboveground fitting inside Turbine # 832 concrete containment. This fitting was replaced and the line retested. The results of all other drain line testing and the retest 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, please contact me at the Roswell Technical Operations office at (505) 625-8022.

Sincerely,

  
Larry Campbell

Division Environmental Specialist

Xc:   envisions file no. 205.2.20  
      Monument Turbine Compressor Station

# AFFIDAVIT OF PUBLICATION

State of New Mexico,  
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of 1 weeks.

Beginning with the issue dated

March 30 2005  
and ending with the issue dated

March 30 2005

Kathi Bearden

Publisher

Sworn and subscribed to before  
me this 30th day of

March 2005

Una Mont  
Notary Public.

My Commission expires  
February 07, 2009  
(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE  
March 30, 2005

## 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 application has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis, Santa Fe, New Mexico 87505, Telephone (505)476-3471:

(GW-197) Transwestern Pipeline Company, Mr. Larry Campbell, Division Environmental Specialist, 6381 North Main, Roswell, New Mexico, 88201, has submitted a renewal application for the previously approved discharge plan for their Monument Turbine Compressor Station located in Section 6, Township 21 South, Range 34 East, NMPM, Lea County, New Mexico. All wastes generated will be stored in closed top above ground storage tanks prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge measures between 63 and 137 feet deep with a total dissolved solids concentration of approximately 422 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 17th day of March 2005.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

MARK E. FESMIRE, Director  
#21401

01100060000 67529112

State of New Mexico Oil &  
1220 S. St. Francis  
Santa Fe, NM 87505

THE SANTA FE  
● NEW MEXICAN ●  
Founded 1849

RECEIVED

MAR 28 2005

OIL CONSERVATION  
DIVISION

NM OIL CONSERVATION DIV.

Attn: Ed Martin

1220 ST. FRANCIS DR

SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689

AD NUMBER: 00111717 ACCOUNT: 00002212

LEGAL NO: 76816 P.O. #: 05-199-050185

211 LINES 1 TIME(S) a 92.84

AFFIDAVIT: 5.50

TAX: 7.19

TOTAL: 105.53

OK to pay  
Ed Martin  
3/28/05

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, B. Perner, 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 # 76816 a copy of which is hereto attached was published in said newspaper 1 day(s) between 03/23/2005 and 03/23/2005 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 23rd day of March, 2005 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ B Perner  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 23rd day of March, 2005

Notary Laura E. Harbige

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, 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) 476-3471:

(GW-197) Transwestern Pipeline Company, Mr. Larry Campbell, Division Environmental Specialist, 6381 North Main, Roswell, New Mexico, 88201, has submitted a renewal application for the previously approved discharge plan for their Monument Turbine Compressor Station located in Section 6, Township 21 South, Range 34 East, NMPM, Lea County, New Mexico. All wastes generated will be stored in closed top above ground storage tanks prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge measures between 63 and 137 feet deep with a total dissolved solids concentration of approximately 422 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 17th day of March 2005.

**STATE OF  
NEW MEXICO  
OIL CONSERVATION  
DIVISION**

**S E A L**

**MARK E. FESMIRE,  
Director**

Legal #76816  
Pub. March 23, 2005

**Martin, Ed**

---

**From:** Martin, Ed  
**Sent:** Thursday, March 17, 2005 10:38 AM  
**To:** Hobbs News-Sun Attn: Brenda Tison (E-mail)  
**Subject:** Legal Notice

Please publish the attached legal notice, one time only, on or about Wednesday, March 23, 2005.

Upon publication, forward to this office:

1. Affidavit of publication
2. Invoice. Purchase order number is **05-199-050191**

If you have any questions, please contact me.

Thank you.



Publ. Notice  
GW-197a.doc

*Ed Martin*

New Mexico Oil Conservation Division  
Environmental Bureau  
1220 S. St. Francis  
Santa Fe, NM 87505  
Phone: 505-476-3492  
Fax: 505-476-3462

**Martin, Ed**

---

**From:** Martin, Ed  
**Sent:** Thursday, March 17, 2005 10:34 AM  
**To:** Santa Fe New Mexican (E-mail)  
**Cc:** Bill Olson; Bruce S. Garber; Chief, Haz Waste Bureau, NMED; Chris Shuey; Colin Adams; Jack A. Barnett; Jay Lazarus; Ken Marsh; Lee Wilson and Associates; Mike Schulz; Ned Kendrick; Randy Hicks; Regional Forester, USFS; Ron Dutton; Secretary, NMED  
**Subject:** Legal Notice

Please publish the attached legal notice, one time only, on or about Wednesday, March 23, 2005.

Upon publication, forward to this office:

1. Affidavit of publication
2. Invoice. Purchase order number is **05-199-050185**

If you have any questions, please contact me.

Thank you.



Publ. Notice  
GW-197a.doc

*Ed Martin*

New Mexico Oil Conservation Division  
Environmental Bureau  
1220 S. St. Francis  
Santa Fe, NM 87505  
Phone: 505-476-3492  
Fax: 505-476-3462



RECEIVED

NOV 24 2004



OIL CONSERVATION  
DIVISION

**Larry Campbell**  
Division Env. Specialist

**Transwestern Pipeline Company**  
6381 North Main Street  
Roswell, NM 88201

505-625-8022  
Fax 505-627-8172  
Pager 800-632-9229  
larry.campbell@enron.com

November 20, 2004

UPS Confirmation No. 1Z8755250340910000

Mr. Ed Martin  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Re: Renewal of Groundwater Discharge Plan GW-197, Transwestern Pipeline  
Company, Monument Turbine Compressor Station

Dear Mr. Martin:

Transwestern Pipeline Company, owner and operator of the Monument Turbine Compressor Station, requests renewal by the Oil Conservation Division (OCD) of Discharge Plan GW-197 for the above referenced facility. GW-197 will expire on December 20, 2005, therefore, Transwestern is submitting this written notification and completed discharge application to ensure the proper documentation is received by your agency in a timely manner.

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. In addition, operating practises currently at the facility reflect operating practices which were presented in the original application. Therefore, Transwestern requests that the information and documentation submitted under the original application be applied to this renewal submittal.

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

Sincerely,

A handwritten signature in black ink that reads "Larry Campbell". The signature is written in a cursive, flowing style.

Larry Campbell  
Division Environmental Specialist

xc: envisions file no. 205.1.20  
Carlsbad Team  
File

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

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

Revised June

Submit  
Plus  
to:  
1 Copy to App  
Distri

**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

GW-197

1. Type: Natural Gas Compression
2. Operator: Transwestern Pipeline Company, Monument Turbine Compressor Station
- Address: 6381 North Main Street, Roswell, NM 88201
- Contact Person: Larry Campbell Phone: (505) 625-8022
3. Location: \_\_\_\_\_/4 \_\_\_\_\_/4 Section 6 Township 21 South  
Range 34 East

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 best of my knowledge and belief.

Name: Larry Campbell

Title: Division Environmental Specialist

Signature: Larry Campbell

Date: 11-20-04

E-mail Address: [larry.campbell@enron.com](mailto:larry.campbell@enron.com)

**Martin, Ed**

---

**From:** Martin, Ed  
**Sent:** Wednesday, April 10, 2002 7:42 AM  
**To:** 'Campbell, Larry'  
**Subject:** RE: Drain lline 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 lline 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](mailto: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

# Affidavit of Publication

STATE OF NEW MEXICO )

) ss.

COUNTY OF LEA )

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of **THE LOVINGTON DAILY LEADER**, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Notice Of Publication

was published in a regular and entire issue of **THE LOVINGTON DAILY LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of June 15, 2000 and ending with the issue of June 15, 2000.

And that the cost of publishing said notice is the sum of \$ 52.36 which sum has been (Paid) as Court Costs.

Joyce Clemens  
Subscribed and sworn to before me this 16th day of June 2000.

Debbie Schilling  
Debbie Schilling

Notary Public, Lea County, New Mexico

My Commission Expires June 22, 2002

**LEGAL NOTICE  
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 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-197)-Transwestern Pipeline Company, Mr. Larry Campbell, Division Environmental Specialist, 6381 North Main, Roswell, New Mexico, 88201, has submitted a renewal application for the previously approved discharge plan for their Monument Turbine Compressor Station located in Section 6, Township 21 South, Range 34 East, NMPM, Lea County, New Mexico. All wastes generated will be stored in closed top above ground storage tanks prior to off-site disposal or recycling at an OCD approved site. ground water most likely to be affected in the event of an accidental discharge measures between 63 and 137 feet deep with a total dissolved solids con-

centration of approximately 422 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 application, 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 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(s) based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan(s) based on the information in the dis-

charge plan application(s) and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 8th day of June, 2000.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
LORI WROTENBERY,  
Director

SEAL  
Published in the  
Lovington Daily Leader  
June 15, 2000.

*File*

THE SANTA FE  
**NEW MEXICAN**  
Founded 1849

*File*

JUN 16

NM-OGD

AD NUMBER: 153985      ACCOUNT: 56689  
LEGAL NO: 67562      P.O.#: 00199000278  
179 LINES      1 time(s) at \$ 78.91  
AFFIDAVITS:      5.25  
TAX:      5.26  
TOTAL:      89.42

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, B. Peiner 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 #67562 a copy of which is hereto attached was published in said newspaper 1 day(s) between 06/15/2000 and 06/15/2000 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 15 day of June, 2000 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

Betsy Peiner  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this  
15 day of June A.D., 2000

Notary

Candace R. Danton

Commission Expires

11/16/2003

*OK to pay  
Ed Martin*

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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 8th day of June, 2000.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
LORI WROTENBERY,  
Director

Legal #67562  
Pub. June 15, 2000

**NOTICE OF PUBLICATION**

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



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

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

**Lori Wrotenbery**  
Director  
Oil Conservation Division

## NOTICE OF PUBLICATION

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

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

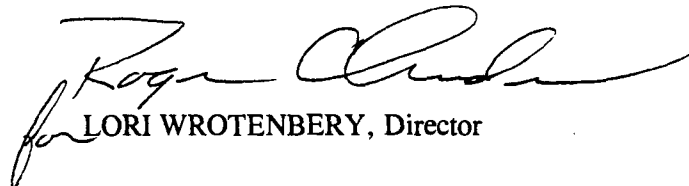
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If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this *8<sup>th</sup>* day of June 2000.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
LORI WROTENBERY, Director

S E A L



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

May 30, 2000

Mr. Wayne Price  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

RECEIVED  
JUN - 2 2000  
U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Re: Renewal of Groundwater Discharge Plan GW-197, Monument Turbine Compressor Station

Dear Mr. Price:

Transwestern Pipeline Company, owner and operator of the Monument Turbine Compressor Station, requests renewal by the Oil Conservation Division (OCD) of discharge plan GW-197 for the above referenced facility. A renewal application accompanys this letter request in addition to a check (no. 0602083627) in the amount of \$50.00 to cover the applicable discharge renewal 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 practises 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: Bob Bandel  
Carlsbad Team  
file

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



05/22/2000

2000020 01 SD

0510

3

PG 1 OF 1

OIL CONSERVATION DIVISION  
P O BOX 1980  
HOBBS, NM  
88241

VENDOR NO. #409153859  
REMITTANCE STATEMENT

VOUCHER NO.	INVOICE DATE	INVOICE NUMBER	PURCHASE ORDER	AMOUNT		
				GROSS	DISCOUNT	NET
0005001156	05/22/2000	GW-197		50.00	0.00	50.00
			NM, 88201 ATTN LARRY CAMPBELL DISCHARGE PLAN RENEWALL FOR MONUMENT TURBINE STATION			
						TOTAL 50.00

SPECIAL INSTRUCTIONS:

MAIL TO TRANSWESTERN PIPELINE CO, 6381 N. MAIN, ROSWELL

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.

CHECK # 0602083627 ATTACHED BELOW



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  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Revised March 17, 1999

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: NATURAL GAS PIPELINE COMPRESSOR STATION (MONUMENT TURBINE COMP. STA)

2. Operator: TRANSWESTERN PIPELINE COMPANY

Address: 6381 NORTH MAIN STREET, ROSWELL, N.M. 88201

Contact Person: LARRY CAMPBELL Phone: 505 625-8022

3. Location: \_\_\_\_\_ /4 \_\_\_\_\_ /4 Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

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: DIVISION ENVIRONMENTAL SPECIALIST

Signature: Larry Campbell

Date: 5/30/00

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 5/22/00  
or cash received on 6/7/00 in the amount of \$ 50.00  
from TRANSWESTERN PIPELINE CO.  
for MONUMENT TURBINE COMP. STA GW-197  
Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
Submitted to ASD by: ED MARTIN Date: 6/8/00  
Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Filing Fee ☒ New Facility \_\_\_\_\_ Renewal \_\_\_\_\_  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
Organization Code 521.07 Applicable FY 2000

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]

05/22/2000

PAY TO THE  
ORDER OF

OIL CONSERVATION DIVISION  
P O BOX 1980  
HOBBS, NM  
88241

\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$50.00

NOT VALID AFTER 90 DAYS

Fifty and 00/100 Dollars

Juncalson  
AUTHORIZED SIGNATURE



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury  
CABINET SECRETARY

Oil Conservation Div.  
Environmental Bureau  
2040 S. Pacheco  
Santa Fe, NM 87505

**Memorandum of Meeting or Conversation**

Telephone \_\_\_\_\_  
Personal \_\_\_\_\_  
E-Mail   X  

Time: 11am  
Date: 5/17/00

Originating Party: Wayne Price-OCD

Other Parties: Larry Campbell- Transwestern Pipeline

Subject: Discharge Plan Renewal Notice for the following Facilities:

GW-197	Monument Turbine St.	expires 08/30/00
GW-052	Roswell Compressor St.	expires 11/09/00

**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]

**Discussion:** Discussed WQCC 3106F and gave notice to submit Discharge Plan renewal application with \$50.00 filing fee for the above listed facilities.

**Conclusions or Agreements:**

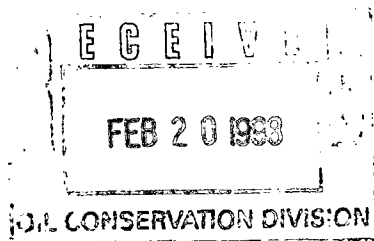
Transwestern may submit Discharge Plan application only and refer to existing discharge plan if site has no changes. DP applications are on OCD's web page  
<http://www.emnrd.state.nm.us/ocd/>

Signed: \_\_\_\_\_

CC: Larry Campbell E-mail [lcampbe@enron.com](mailto:lcampbe@enron.com)



February 18, 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  
Santa Fe, New Mexico 87505

Reference: Underground Drain Line Testing, Transwestern Pipeline Company'  
Monument Compressor Station Carlsbad New Mexico GW-197

Dear Mr. Anderson:

The following report presents the results of the underground drain line testing at the Transwestern Pipeline Company ( Transwestern) Monument Compressor Station Carlsbad, New Mexico facility. This station is currently operating under OCD discharge plan GW-197, 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 January 19, 1998. 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>
Comp. Drains to OWW(1) Pump	120	2.0
Used Oil Drains to Used Oil Tank	100	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  
Bob Bandel  
Carlsbad Team  
file

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

JAN 23 1997

Environmental  
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:

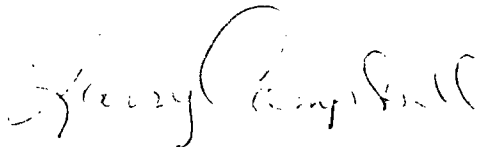
As per your request in January of this year, presented below are the land ownership designations for those Transwestern facilities which are covered under the Oil Conservation Division's (OCD) groundwater discharge plans:

<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

Environment and Energy  
Oil Conservation Division

file

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

May 21, 1996

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

Re: Discharge Plan Fee, Monument Turbine Compressor Station

Dear Mr. Anderson:

Enclosed find check no. 0602014563 in the amount of \$690.00 issued by Transwestern Pipeline Company to cover the required flat fee and filing fee for the above referenced facility's discharge plan.

Sincerely,



Larry Campbell  
Division Environmental Specialist

file

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

October 5, 1995

Mr. Mark Ashley  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Re: Discharge Plan Application, Monument Turbine Compressor Station

Dear Mr. Ashley:

In response to the Oil conservation Division's (OCD) request for additional information for the above referenced facility, attached find analytical sampling results for the following waste stream:

Used Engine Oil  
Pipeline Liquids

There was no oily waste water to be collected at the facility, and therefore, samples could not be collected. Each of the above streams are collected into dedicated tanks with secondary containment surpassing the OCD's requirement of 130%.

Should you require any additional information concerning approval of the submitted discharge application, contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,



Larry Campbell  
Division Environmental Specialist

xc: Dave Owen  
Carlsbad Team  
file

TERRA LABORATORIES, LTD.  
2525 SOUTH SHORE BLVD, SUITE 100 LEAGUE CITY, TX 77573  
713/334-5052 FAX 713/334-3116

## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 1

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC  
621 S. Main  
Carlsbad , NM 88220  
Attn: Youngblood, Shane  
Sample Number: 95005169  
Project Name:

Reviewed by: NSH

Job Number:  
Date Collected: 09/10/95  
Time Collected: 0000  
Sample Type: GRAB

Sample ID: 050 MON, TUR. PIPELINE LQ

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
TCLVW'D	Volatile Target Compounds	09/15 1736	init.	6-8260	JBP
AcetoneW	Acetone	.12	mg/L	6-8260	JBP
BZ8260W	Benzene	< 0.005	mg/L	6-8260	JBP
BrdClMW	Bromodichloromethane	< 0.005	mg/L	6-8260	JBP
BrFormW	Bromoform	< 0.005	mg/L	6-8260	JBP
BrMeanew	Bromomethane	< 0.010	mg/L	6-8260	JBP
MEKW	MEK (2-Butanone)	.076	mg/L	6-8260	JBP
CdSulfW	Carbon disulfide	< 0.005	mg/L	6-8260	JBP
CTetClW	Carbon tetrachloride	< 0.005	mg/L	6-8260	JBP
CLBZW	Chlorobenzene	< 0.005	mg/L	6-8260	JBP
ClEthanW	Chloroethane	< 0.005	mg/L	6-8260	JBP
ClFormW	Chloroform	< 0.005	mg/L	6-8260	JBP
ClMeanew	Chloromethane	< 0.005	mg/L	6-8260	JBP
dBrClMeW	Dibromochloromethane	< 0.005	mg/L	6-8260	JBP
1dClEtaw	1,1-Dichloroethane	< 0.005	mg/L	6-8260	JBP
2dClEtaw	1,2-Dichloroethane	< 0.005	mg/L	6-8260	JBP
1dClEteW	1,1-Dichloroethene	< 0.005	mg/L	6-8260	JBP
c12dClEW	cis-1,2-Dichloroethene	< 0.005	mg/L	6-8260	JBP
t12dClEW	trans-1,2-Dichloroethene	< 0.005	mg/L	6-8260	JBP
2dClPraW	1,2-Dichloropropane	< 0.005	mg/L	6-8260	JBP

## TERRA LABORATORIES, LTD.

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713/334-5052 FAX 713/334-3116

## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 2

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC

Reviewed by: NSH

621 S. Main

Carlsbad , NM

88220

Attn: Youngblood, Shane

Job Number:

Date Collected: 09/10/95

Sample Number: 95005169

Time Collected: 0000

Project Name:

Sample Type: GRAB

Sample ID: 050 MON, TUR. PIPELINE LQ

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
c13dClPW	cis-1,3-Dichloropropene	< 0.005	mg/L	6-8260	JBP
t13dClPW	trans-1,3-Dichloropropene	< 0.005	mg/L	6-8260	JBP
ETBZW	Ethylbenzene	< 0.005	mg/L	6-8260	JBP
2HexnonW	2-Hexanone	.007	mg/L	6-8260	TMG
MIBKW	Methyl isobutyl ketone	.006	mg/L	6-8260	TMG
dClMeanW	Methylene chloride	< 0.005	mg/L	6-8260	JBP
StyreneW	Styrene	< 0.005	mg/L	6-8260	JBP
22tClEtW	1,1,2,2-Tetrachloroethane	< 0.005	mg/L	6-8260	JBP
tetClEtW	Tetrachloroethene	< 0.005	mg/L	6-8260	JBP
ToluenW	Toluene	< 0.005	mg/L	6-8260	JBP
111tClEW	1,1,1-Trichloroethane	< 0.005	mg/L	6-8260	JBP
112tClEW	1,1,2-Trichloroethane	< 0.005	mg/L	6-8260	JBP
tClEtheW	Trichloroethene	< 0.005	mg/L	6-8260	JBP
VnAcetW	Vinyl Acetate	< 0.010	mg/L	6-8260	JBP
VnClW	Vinyl chloride	< 0.010	mg/L	6-8260	JBP
XYLTLW	Xylenes, Total	< 0.017	mg/L	6-8260	TMG
XYLSMPW	Xylenes, meta&para	0.012	mg/L	6-8260	TMG
XYLOW	Xylenes, ortho	< 0.005	mg/L	6-8260	JBP
dBrFMetW	dBrFMethane (surr)	88.	%	86-111	JBP
Told8Wsu	Toluene-d8 (surr)	101.	%	92-110	JBP

## TERRA LABORATORIES, LTD.

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713/334-5052 FAX 713/334-3116

## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 3

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC

Reviewed by: NSH

621 S. Main

Carlsbad , NM

88220

Attn: Youngblood, Shane

Job Number:

Date Collected: 09/10/95

Sample Number: 95005169

Time Collected: 0000

Project Name:

Sample Type: GRAB

Sample ID: 050 MON, TUR. PIPELINE LQ

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
4BFBWsur	4-BFB (surr)	112.	%	87-113	JBP
BNAXW'D	Base/neutral/acid Extraction	09/15 0600	init.	6-3510	BKW
TCLSVW'D	Semivolatle Target Compounds	09/21 1509	init.	6-8270A	MSB
Acenphew	Acenaphthene	< 3.3	mg/L	6-8270	MSB
Acenphew	Acenaphthylene	< 3.3	mg/L	6-8270	MSB
BzbFANTW	Benzo(b) fluoroanthene	< 3.3	mg/L	6-8270	MSB
BzkFANTW	Benzo(k) fluoroanthene	< 3.3	mg/L	6-8270	MSB
BzghipeW	Benzo(g,h,i) perylene	< 3.3	mg/L	6-8270	MSB
BzaPyrnW	Benzo(a) pyrene	< 3.3	mg/L	6-8270	MSB
BzAcidW	Benzoic acid	< 3.3	mg/L	6-8270	MSB
BzylOHw	Benzyl alcohol	< 3.3	mg/L	6-8270	MSB
bisMeanW	Bis(2-chloroethoxy)methane	< 3.3	mg/L	6-8270	MSB
bsEtherW	Bis(2-chloroethyl)ether	< 3.3	mg/L	6-8270	MSB
b2ClPEtW	Bis(2-chloroisopropyl)ether	< 3.3	mg/L	6-8270	MSB
bsPhthlW	Bis(2-ethylhexyl)phthalate	< 3.3	mg/L	6-8270	MSB
4BrPhPhW	4-Bromophenyl phenyl ether	< 3.3	mg/L	6-8270	MSB
BuBzPhtW	Butyl benzyl phthalate	< 3.3	mg/L	6-8270	MSB
4ClAnilW	4-Chloroaniline	< 3.3	mg/L	6-8270	MSB

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713/334-5052 FAX 713/334-3116

## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 4

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC  
621 S. Main  
Carlsbad , NM 88220  
Attn: Youngblood, Shane  
Sample Number: 95005169  
Project Name:

Reviewed by: NSH  
Job Number:  
Date Collected: 09/10/95  
Time Collected: 0000  
Sample Type: GRAB

Sample ID: 050 MON, TUR. PIPELINE LQ

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
4Cl3MePW	4-Chloro-3-methylphenol	< 3.3	mg/L	6-8270	MSB
2ClNaphW	2-Chloronaphthalene	< 3.3	mg/L	6-8270	MSB
2ClPhnlW	2-Chlorophenol	< 3.3	mg/L	6-8270	MSB
4ClPhPhW	4-Chlorophenyl phenyl ether	< 3.3	mg/L	6-8270	MSB
ChrysenW	Chrysene	< 3.3	mg/L	6-8270	MSB
CresolTW	Total Cresols	< 6.6	mg/L	6-8270A	NSH
2MEPHNLW	Cresol, ortho	< 3.3	mg/L	6-8270	MSB
34MEPHLW	Cresol, meta&para	< 3.3	mg/L	6-8270	MSB
dBzahAnW	Dibenz(a,h)anthracene	< 3.3	mg/L	6-8270	MSB
dBzFuraW	Dibenzofuran	< 3.3	mg/L	6-8270	MSB
dnBuPhtW	Di-n-butylphthalate	< 3.3	mg/L	6-8270	MSB
12dClBZW	1,2-Dichlorobenzene	< 3.3	mg/L	6-8270	MSB
13dClBZW	1,3-Dichlorobenzene	< 3.3	mg/L	6-8270	MSB
14dClBZW	1,4-Dichlorobenzene	< 3.3	mg/L	6-8270	MSB
33dClBzW	3,3-Dichlorobenzidine	< 3.3	mg/L	6-8270	MSB
24dClPhW	2,4-Dichlorophenol	< 3.3	mg/L	6-8270	MSB
dEtPhthW	Diethylphthalate	< 3.3	mg/L	6-8270	MSB
24dMePlW	2,4-Dimethylphenol	< 3.3	mg/L	6-8270	MSB
dMePhthW	Dimethylphthalate	< 3.3	mg/L	6-8270	MSB
46dNitPW	4,6-Dinitro-2-methylphenol	< 3.3	mg/L	6-8270	MSB

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713/334-5052 FAX 713/334-3116

## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 5

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC  
621 S. Main  
Carlsbad , NM 88220  
Attn: Youngblood, Shane  
Sample Number: 95005169  
Project Name:

Reviewed by: NSH

Job Number:  
Date Collected: 09/10/95  
Time Collected: 0000  
Sample Type: GRAB

Sample ID: 050 MON, TUR. PIPELINE LQ

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
24dNitPW	2,4-Dinitrophenol	< 3.3	mg/L	6-8270	MSB
24dNitTW	2,4-Dinitrotoluene	< 3.3	mg/L	6-8270	MSB
26dNitTW	2,6-Dinitrotoluene	< 3.3	mg/L	6-8270	MSB
dnOctPhW	Di-n-octylphthalate	< 3.3	mg/L	6-8270	MSB
NntPrAmW	N-Nitroso-di-n-propylamine	< 3.3	mg/L	6-8270	MSB
FAnthenW	Fluoranthene	< 3.3	mg/L	6-8270	MSB
FluorenW	Fluorene	< 3.3	mg/L	6-8270	MSB
HxC1BzW	Hexachlorobenzene	< 3.3	mg/L	6-8270	MSB
HxC1ButW	Hexachlorobutadiene	< 3.3	mg/L	6-8270	MSB
HxC1PCyW	Hexachlorocyclopentadiene	< 3.3	mg/L	6-8270	MSB
HxC1EtaW	Hexachloroethane	< 3.3	mg/L	6-8270	MSB
IndnPyrW	Indeno(1,2,3-cd)pyrene	< 3.3	mg/L	6-8270	MSB
IsophrnW	Isophorone	< 3.3	mg/L	6-8270	MSB
2MetNapW	2-Methylnaphthalene	< 3.3	mg/L	6-8270	MSB
Naphth1W	Naphthalene	< 3.3	mg/L	6-8270	MSB
2NitrAnW	2-Nitroaniline	< 3.3	mg/L	6-8270	MSB
3NitrAnW	3-Nitroaniline	< 3.3	mg/L	6-8270	MSB
4NitAniW	4-Nitroaniline	< 3.3	mg/L	6-8270	MSB
NitroBzW	Nitrobenzene	< 3.3	mg/L	6-8270	MSB
2NitPh1W	2-Nitrophenol	< 3.3	mg/L	6-8270	MSB



TERRA LABORATORIES, LTD.  
2525 SOUTH SHORE BLVD, SUITE 100 LEAGUE CITY, TX 77573  
713/334-5052 FAX 713/334-3116

## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 6

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC  
621 S. Main  
Carlsbad , NM 88220  
Attn: Youngblood, Shane  
Sample Number: 95005169  
Project Name:

Reviewed by: NSH  
Job Number:  
Date Collected: 09/10/95  
Time Collected: 0000  
Sample Type: GRAB

Sample ID: 050 MON, TUR. PIPELINE LQ

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
4NitPhlW	4-Nitrophenol	< 3.3	mg/L	6-8270	MSB
NNitdPAW	N-Nitrosodiphenylamine	< 3.3	mg/L	6-8270	MSB
PntClPhW	Pentachlorophenol	< 3.3	mg/L	6-8270	MSB
PhnAnthW	Phenanthrene	< 3.3	mg/L	6-8270	MSB
PhenolW	Phenol	< 3.3	mg/L	6-8270	MSB
PyreneW	Pyrene	< 3.3	mg/L	6-8270	MSB
124tCBzW	1,2,4-Trichlorobenzene	< 3.3	mg/L	6-8270	MSB
245tClPW	2,4,5 Trichlorophenol	< 3.3	mg/L	6-8270	MSB
246tClPW	2,4,6-Trichlorophenol	< 3.3	mg/L	6-8270	MSB
2FPhenlW	2Fluorophenol (surr)	MI	%	21-100	MSB
Phenld5W	Phenol-d5 (surr)	MI	%	10-94	MSB
NitBzd5W	Nitrobenzene-d5 (surr)	MI	%	35-114	MSB
2FbiPhnW	2Fluorobiphenyl (surr)	MI	%	43-116	MSB
triBrPhW	2,4,6Tribromophenol (surr)	MI	%	10-123	MSB
trPhdl4W	Terphenyl-d14 (surr)	MI	%	33-141	MSB

COMMENTS: DILUTION FACTOR FOR SEMI-VOA = X100, SURROGATES DILUTED OUT

FOOTNOTES: MI - Surrogate recovery is not reportable due to matrix interferences  
Dil.Fx.- Minimum dilution required to allow acceptable quantitation  
ppm = mg/L(Liquid), mg/kg(Solid) ppb = ug/L(Liquid), ug/kg(Solid)  
init = date & time initiated B=found in blank J=>mdl< reporting limit

## Preparation and Analysis Method References:

1. ASTM: American Society for Testing and Materials, 1984.
  2. EPA-600/4-79-020, Methods for Chemical Analysis of Water and Wastes, 1978 (revised 1983).
  3. EPA-600/4-82-057, Methods for Organic Chemical Analysis of Municipal & Industrial Wastewater, 1982.
  4. HACH: Test Methods, accepted by EPA in November, 1983.
  5. SM: Standard Methods for the Examination of Water and Wastewater, 18th edition.
  6. SW: SW-846, Test Methods for Evaluation of Solid Waste, Third edition. Update I, July 1992.
- L: EPA/SW references followed by L refer to accepted minor modifications made to the methods for use with Lachat QuikChem 8000 Autoanalyzer.

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## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 1

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC  
621 S. Main  
Carlsbad , NM 88220  
Attn: Youngblood, Shane  
Sample Number: 95005170  
Project Name:

Reviewed by: NSH

Job Number:  
Date Collected: 09/10/95  
Time Collected: 0  
Sample Type: GRAB

Sample ID: 051 MON, TUR. PIPELINE LQ OP

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
TCLVW'D	Volatile Target Compounds	09/15 1138	init.	6-8260	JBP
AcetoneW	Acetone	< 10	mg/L	6-8260	JBP
BZ8260W	Benzene	< 1.0	mg/L	6-8260	JBP
BrdClMW	Bromodichloromethane	< 1.0	mg/L	6-8260	JBP
BrFormW	Bromoform	< 1.0	mg/L	6-8260	JBP
BrMeanW	Bromomethane	< 2.0	mg/L	6-8260	JBP
MEKW	MEK (2-Butanone)	< 10	mg/L	6-8260	JBP
CdSulfW	Carbon disulfide	< 1.0	mg/L	6-8260	JBP
CLBZW	Carbon tetrachloride	< 1.0	mg/L	6-8260	JBP
ClEthanW	Chloroethane	< 1.0	mg/L	6-8260	JBP
ClFormW	Chloroform	< 1.0	mg/L	6-8260	JBP
ClMeanW	Chloromethane	< 1.0	mg/L	6-8260	JBP
dBrClMeW	Dibromochloromethane	< 1.0	mg/L	6-8260	JBP
1dClEtaW	1,1-Dichloroethane	< 1.0	mg/L	6-8260	JBP
2dClEtaW	1,2-Dichloroethane	< 1.0	mg/L	6-8260	JBP
1dClEteW	1,1-Dichloroethene	< 1.0	mg/L	6-8260	JBP
c12dClEW	cis-1,2-Dichloroethene	< 1.0	mg/L	6-8260	JBP
t12dClEW	trans-1,2-Dichloroethene	< 1.0	mg/L	6-8260	JBP
2dClPraW	1,2-Dichloropropane	< 1.0	mg/L	6-8260	JBP

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## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 2

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC

Reviewed by: NSH

621 S. Main

Carlsbad, NM

88220

Attn: Youngblood, Shane

Job Number:

Date Collected: 09/10/95

Sample Number: 95005170

Time Collected: 0

Project Name:

Sample Type: GRAB

Sample ID: 051 MON, TUR. PIPELINE LQ OP

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
c13dClPW	cis-1,3-Dichloropropene	< 1.0	mg/L	6-8260	JBP
t13dClPW	trans-1,3-Dichloropropene	< 1.0	mg/L	6-8260	JBP
ETBW	Ethylbenzene	< 1.0	mg/L	6-8260	JBP
2HexnonW	2-Hexanone	< 1.0	mg/L	6-8260	JBP
MIBKW	Methyl isobutyl ketone	< 1.0	mg/L	6-8260	JBP
dClMeanW	Methylene chloride	< 1.0	mg/L	6-8260	JBP
StyreneW	Styrene	< 1.0	mg/L	6-8260	JBP
22tClEtW	1,1,2,2-Tetrachloroethane	< 1.0	mg/L	6-8260	JBP
tetClEtW	Tetrachloroethene	< 1.0	mg/L	6-8260	JBP
ToluenW	Toluene	< 1.0	mg/L	6-8260	JBP
111tClEW	1,1,1-Trichloroethane	< 1.0	mg/L	6-8260	JBP
112tClEW	1,1,2-Trichloroethane	< 1.0	mg/L	6-8260	JBP
tClEtheW	Trichloroethene	< 1.0	mg/L	6-8260	JBP
VnAcetW	Vinyl Acetate	< 2.0	mg/L	6-8260	JBP
VnClW	Vinyl chloride	< 2.0	mg/L	6-8260	JBP
KYLTW	Xylenes, Total	< 2.0	mg/L	6-8260	TMG
KYLSMPW	Xylenes, meta&para	< 1.0	mg/L	6-8260	JBP
KYLOW	Xylenes, ortho	< 1.0	mg/L	6-8260	JBP
dBBrFMetW	dBBrFMethane (surr)	102.	%	86-111	JBP
Fold8Wsu	Toluene-d8 (surr)	101.	%	92-110	JBP

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## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 3

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC

Reviewed by: NSH

621 S. Main

Carlsbad , NM

88220

Attn: Youngblood, Shane

Job Number:

Date Collected: 09/10/95

Sample Number: 95005170

Time Collected: 0

Project Name:

Sample Type: GRAB

Sample ID: 051 MON, TUR. PIPELINE LQ OP

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
4BFBWsur	4-BFB (surr)	101.	%	87-113	JBP
BNAXW'D	Base/neutral/acid Extraction(	09/15 0600	init.	6-3510	BKW
TCLSVW'D	Semivolatle Target Compounds	09/21 1559	init.	6-8270A	MSB
AcenpheW	Acenaphthene	< 3.3	mg/L	6-8270	MSB
AcenphyW	Acenaphthylene	< 3.3	mg/L	6-8270	MSB
AnthrcnW	Anthracene	< 3.3	mg/L	6-8270	MSB
BzaAnthW	Benzo(a)anthracene	< 3.3	mg/L	6-8270	MSB
BzbFANTW	Benzo(b)fluoroanthene	< 3.3	mg/L	6-8270	MSB
BzkFANTW	Benzo(k)fluoroanthene	< 3.3	mg/L	6-8270	MSB
BzghipeW	Benzo(g,h,i)perylene	< 3.3	mg/L	6-8270	MSB
BzaPyrnW	Benzo(a)pyrene	< 3.3	mg/L	6-8270	MSB
BzAcidW	Benzoic acid	< 3.3	mg/L	6-8270	MSB
BzylOHw	Benzyl alcohol	< 3.3	mg/L	6-8270	MSB
oisMeanW	Bis(2-chloroethoxy)methane	< 3.3	mg/L	6-8270	MSB
osEtherW	Bis(2-chloroethyl)ether	< 3.3	mg/L	6-8270	MSB
o2ClPETW	Bis(2-chloroisopropyl)ether	< 3.3	mg/L	6-8270	MSB
osPhthlw	Bis(2-ethylhexyl)phthalate	< 3.3	mg/L	6-8270	MSB
4BrPhPhW	4-Bromophenyl phenyl ether	< 3.3	mg/L	6-8270	MSB
3uBzPhtW	Butyl benzyl phthalate	< 3.3	mg/L	6-8270	MSB
4ClAnilW	4-Chloroaniline	< 3.3	mg/L	6-8270	MSB

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## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 4

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC

Reviewed by: NSH

621 S. Main

Carlsbad , NM

88220

Attn: Youngblood, Shane

Job Number:

Date Collected: 09/10/95

Sample Number: 95005170

Time Collected: 0

Project Name:

Sample Type: GRAB

Sample ID: 051 MON, TUR. PIPELINE LQ OP

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
4Cl3MePW	4-Chloro-3-methylphenol	< 3.3	mg/L	6-8270	MSB
2ClNaphW	2-Chloronaphthalene	< 3.3	mg/L	6-8270	MSB
2ClPhnlW	2-Chlorophenol	< 3.3	mg/L	6-8270	MSB
4ClPhPhW	4-Chlorophenyl phenyl ether	< 3.3	mg/L	6-8270	MSB
ChrysenW	Chrysene	< 3.3	mg/L	6-8270	MSB
CresolTW	Total Cresols	< 6.6	mg/L	6-8270A	NSH
2MEPHNLW	Cresol, ortho	< 3.3	mg/L	6-8270	MSB
34MEPHLW	Cresol, meta&para	< 3.3	mg/L	6-8270	MSB
dBzahAnW	Dibenz(a,h)anthracene	< 3.3	mg/L	6-8270	MSB
dBzFuraW	Dibenzofuran	< 3.3	mg/L	6-8270	MSB
dnBuPhtW	Di-n-butylphthalate	< 3.3	mg/L	6-8270	MSB
12dClBZW	1,2-Dichlorobenzene	< 3.3	mg/L	6-8270	MSB
13dClBZW	1,3-Dichlorobenzene	< 3.3	mg/L	6-8270	MSB
14dClBZW	1,4-Dichlorobenzene	< 3.3	mg/L	6-8270	MSB
33dClBzW	3,3-Dichlorobenzidine	< 3.3	mg/L	6-8270	MSB
24dClPhW	2,4-Dichlorophenol	< 3.3	mg/L	6-8270	MSB
dEtPhthW	Diethylphthalate	< 3.3	mg/L	6-8270	MSB
24dMePlW	2,4-Dimethylphenol	< 3.3	mg/L	6-8270	MSB
dMePhthW	Dimethylphthalate	< 3.3	mg/L	6-8270	MSB
46dNitPW	4,6-Dinitro-2-methylphenol	< 3.3	mg/L	6-8270	MSB

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## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 5

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC  
621 S. Main  
Carlsbad , NM 88220  
Attn: Youngblood, Shane  
Sample Number: 95005170  
Project Name:

Reviewed by: NSH

Job Number:  
Date Collected: 09/10/95  
Time Collected: 0  
Sample Type: GRAB

Sample ID: 051 MON, TUR. PIPELINE LQ OP

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
24dNitPW	2,4-Dinitrophenol	< 3.3	mg/L	6-8270	MSB
24dNitTW	2,4-Dinitrotoluene	< 3.3	mg/L	6-8270	MSB
26dNitTW	2,6-Dinitrotoluene	< 3.3	mg/L	6-8270	MSB
dnOctPhW	Di-n-octylphthalate	< 3.3	mg/L	6-8270	MSB
NntPrAmW	N-Nitroso-di-n-propylamine	< 3.3	mg/L	6-8270	MSB
FAnthenW	Fluoranthene	< 3.3	mg/L	6-8270	MSB
FluorenW	Fluorene	< 3.3	mg/L	6-8270	MSB
HxC1BzW	Hexachlorobenzene	< 3.3	mg/L	6-8270	MSB
HxC1ButW	Hexachlorobutadiene	< 3.3	mg/L	6-8270	MSB
HxC1PCyW	Hexachlorocyclopentadiene	< 3.3	mg/L	6-8270	MSB
HxC1EtaW	Hexachloroethane	< 3.3	mg/L	6-8270	MSB
IndnPyrW	Indeno(1,2,3-cd)pyrene	< 3.3	mg/L	6-8270	MSB
IsophrnW	Isophorone	< 3.3	mg/L	6-8270	MSB
2MetNapW	2-Methylnaphthalene	< 3.3	mg/L	6-8270	MSB
Naphth1W	Naphthalene	< 3.3	mg/L	6-8270	MSB
2NitrAnW	2-Nitroaniline	< 3.3	mg/L	6-8270	MSB
3NitrAnW	3-Nitroaniline	< 3.3	mg/L	6-8270	MSB
4NitAniW	4-Nitroaniline	< 3.3	mg/L	6-8270	MSB
NitroBzW	Nitrobenzene	< 3.3	mg/L	6-8270	MSB
2NitPh1W	2-Nitrophenol	< 3.3	mg/L	6-8270	MSB

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## LAB ANALYSIS REPORT

Report Date: SEPT 26 1995

Page # 6

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC

Reviewed by: NSH

621 S. Main

Carlsbad , NM

88220

Attn: Youngblood, Shane

Job Number:

Date Collected: 09/10/95

Sample Number: 95005170

Time Collected: 0

Project Name:

Sample Type: GRAB

Sample ID: 051 MON, TUR. PIPELINE LQ OP

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
4NitPhlW	4-Nitrophenol	< 3.3	mg/L	6-8270	MSB
NNitdPAW	N-Nitrosodiphenylamine	< 3.3	mg/L	6-8270	MSB
PntClPhW	Pentachlorophenol	< 3.3	mg/L	6-8270	MSB
PhnAnthW	Phenanthrene	< 3.3	mg/L	6-8270	MSB
PhenolW	Phenol	< 3.3	mg/L	6-8270	MSB
PyreneW	Pyrene	< 3.3	mg/L	6-8270	MSB
124tCBzW	1,2,4-Trichlorobenzene	< 3.3	mg/L	6-8270	MSB
245tClPW	2,4,5 Trichlorophenol	< 3.3	mg/L	6-8270	MSB
246tClPW	2,4,6-Trichlorophenol	< 3.3	mg/L	6-8270	MSB
2FPhenlW	2Fluorophenol (surr)	MI	%	21-100	MSB
Phenld5W	Phenol-d5 (surr)	MI	%	10-94	MSB
NitBzd5W	Nitrobenzene-d5 (surr)	MI	%	35-114	MSB
2FPhlPhnW	2Fluorobiphenyl (surr)	MI	%	11-116	MSB
ClPhld14W	Terphenyl-d14 (surr)	MI	%	35-141	MSB
IGNIT'D	Ignitability (Date/Time)	09/20 0700	init.		JMR
SFFLSHPT	Ignitability (Setaflash)	> 140	deg. F	6-1020	JMR

COMMENTS: Voa Dil.Fx. X 200; Semi-Voa Dil. FX = x100, surr. diluted out

FOOTNOTES: MI - Surrogate recovery is not reportable due to matrix interferences  
Dil.Fx.- Minimum dilution required to allow acceptable quantitation  
ppm = mg/L(Liquid), mg/kg(Solid) ppb = ug/L(Liquid), ug/kg(Solid)  
init = date & time initiated B=found in blank J=>mdl< reporting limit

## Preparation and Analysis Method References:

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  2. EPA-600/4-79-020, Methods for Chemical Analysis of Water and Wastes, 1978 (revised 1983).
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- L: EPA/SW references followed by L refer to accepted minor modifications made to the methods for use with Lachat QuikChem 8000 Autoanalyzer.

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## LAB ANALYSIS REPORT

Report Date: SEPT 28 1995

Page # 1

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC  
621 S. Main  
Carlsbad , NM 88220  
Attn: Youngblood, Shane  
Sample Number: 95005173  
Project Name:

Reviewed by:DKP

Job Number:  
Date Collected:09/10/95  
Time Collected:0  
Sample Type: GRAB

Sample ID: 054 MON TUR USED OIL

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
TOX'D	TOX Analysis (Date/Time)	09/25 1300	init.		TMG
TOX'S	Total Organic Halogen	240	mg/kg	6-9020A	TMG
PCBOX'D	Waste Dilution (D/T)	09/21 1100	init.	6-3580A	SAK
PCBO'D	PCB Analysis (Date/Time)	09/23 1006	init.	1-D4059	SAK
PCB10160	Aroclor-1016	< 2	mg/kg	1-D4059	SAK
PCB12210	Aroclor-1221	< 2	mg/kg	1-D4059	SAK
PCB12320	Aroclor-1232	< 2	mg/kg	1-D4059	SAK
PCB12420	Aroclor-1242	< 2	mg/kg	1-D4059	SAK
PCB12480	Aroclor-1248	< 2	mg/kg	1-D4059	SAK
PCB12540	Aroclor-1254	< 2	mg/kg	1-D4059	SAK
PCB12600	Aroclor-1260	< 2	mg/kg	1-D4059	SAK
DCBPo	DCBP (surr)	65.	%	40-110	SAK
TCMXo	TCMX (surr)	80.	%	25-140	SAK
FLSHPT'D	Flashpoint Analysis (Date/Time)	09/28 1400	init.		DPP
PMFLSHPT	Flashpoint, Pensky-Marten	158	deg. F	6-1010	DPP
DICPS'D	ICP Acid Digest. (D/T)	09/21 1430	init.	6-3050	RR
ICP'S1'D	ICP1 Analysis (Date/Time)	09/22 0939	init.	6-6010	EMJ
AsICPs	Arsenic	< 5.4	mg/kg	6-6010	EMJ
CdICPs	Cadmium	< 0.33	mg/kg	6-6010	EMJ
CrICPs	Chromium	< 0.33	mg/kg	6-6010	EMJ



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## LAB ANALYSIS REPORT

Report Date: SEPT 28 1995

Page # 2

TRANSWESTERN PIPELINE-CARLSBAD NEW MEXIC

Reviewed by:DKP

621 S. Main

Carlsbad , NM

88220

Attn: Youngblood, Shane

Job Number:

Sample Number: 95005173

Date Collected:09/10/95

Project Name:

Time Collected:0

Sample Type: GRAB

Sample ID: 054 MON TUR USED OIL

Date Received: 09/14/95

Test Code	Analyte	Result	Units	Method	Analyst
PbICPs	Lead	< 1.1	mg/kg	6-6010	EMJ

## COMMENTS:

FOOTNOTES: MI - Surrogate recovery is not reportable due to matrix interferences  
Dil.Fx.- Minimum dilution required to allow acceptable quantitation  
ppm = mg/L(Liquid), mg/kg(Solid) ppb = ug/L(Liquid), ug/kg(Solid)  
init = date & time initiated B=found in blank J=>mdl< reporting limit

## Preparation and Analysis Method References:

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# TERRA LABORATORIES LTD.

2525 South Shore Blvd.

League City, Texas 77573

(713) 334-5422

Fax: (713) 334-3116

## CHAIN OF CUSTODY

REPORT TO:				REF TO:			
COMPANY <b>TRANSWESTERN PIPELINE</b>				COMPANY <b>TRANSWESTERN PIPELINE</b>			
ADDRESS <b>621 S. MAIN</b>				ADDRESS <b>635 N. MAIN</b>			
CITY <b>CARISBAD</b>		STATE <b>N.M.</b>	ZIP <b>88220</b>	CITY <b>ROSWEI</b>		STATE <b>N.M.</b>	ZIP <b>88201</b>
ATTN <b>S. Youngblood</b>		PHONE <b>505-885-8528</b>	FAX <b>505-885-1702</b>	ATTN <b>LARRY CAMPBELL</b>		PHONE <b>625-8022</b>	FAX
Client Comments:				Project Name:		P.O. #	
				Turnaround Time		Release #	

### ANALYSES REQUESTED

DATE	24HR TIME	MATRIX	COMPOSITE	GRAB	SAMPLE DESCRIPTION	CONTAINER	ANALYSES REQUESTED										TERRA SAMPLE NO.	
							VOLATILES	SEMI VOLATILES	FLASHPOINT	USED OIL (1)	IC10-M							
9-10-95		LIQUID	✓		050 MON. TUR. PIPELINE LQ OP	1	✓	✓										* 95-5169
		LIQUID	✓		051 MON TUR PIPELINE LQ OP	1	✓	✓	✓									* -5170
		oil	✓		052 SANTA FE BILBERY USED	1			✓									-5171
		DTI	✓		053 TEXAS BILBERY USED OIL	1			✓									-5172
		DTI	✓		054 MON TUR USED OIL	1			✓									-5173
		oil	✓		055 WT-1 OILY WASTE WATER	1	✓	✓										-5174
		LIQUID	✓		056 WT-1 OILY WASTE WATER	1	✓	✓	✓								*	-5175
		Solid	✓		057 WT-1 103 OIL FILTERS	1			✓									-5176
		Solid	✓		058 WT-1 102 OIL FILTERS	1			✓									-5177
		oil	✓		059 USED PARTS WASHER SOLVENT	1	✓	✓	✓	✓								-5178

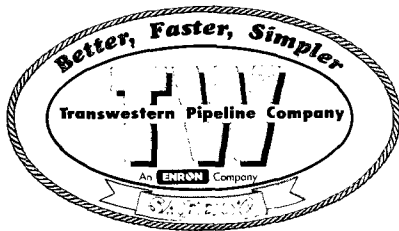
used oil to include PCB, Tox, FPT-PM, Total As, Cd, Cr, Pb

Collected by: <b>S. Youngblood</b>	Date: <b>9-13-95</b>	Time:	Received by: <b>R. E. Lee</b>	Date: <b>9-14-95</b>	Time: <b>1020</b>	Remarks: <b>100 Temp Ac 9-14-95</b>
Relinquished by: <b>S. Youngblood</b>	Date: <b>9-13-95</b>	Time: <b>1425</b>	Received by: <b>R. E. Lee, FED-EX</b>	Date: <b>9-13-95</b>	Time: <b>1425</b>	# samples were received with headspace
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	

Samples will be aliquoted into vials Ac 9-14-95

09.29.1995 10:01 NO. 9 P.40

FROM TERRA LABS, LTD.



Phone (505) 623-2761  
FAX (505) 625-8060

**Transwestern Pipeline Company**  
TECHNICAL OPERATIONS  
P. O. Box 1717 • Roswell, New Mexico 88202-1717

May 9, 1995

**RECEIVED**

MAY 12 1995

Environmental Bureau  
Oil Conservation Division

Mr. Roger Anderson  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87504

Re: Discharge Plan Application Transwestern Pipeline Company, Monument Turbine Compressor Station

Dear Mr. Anderson:

620 197

Enclosed find three (3) copies of a discharge plan application for the above referenced facility. This document is being presented to your agency on behalf of Transwestern Pipeline Company, pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations.

If you require any additional information or clarification concerning this discharge plan application, please contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,

Larry Campbell  
Division Environmental Specialist

xc: Greg McIlwain w/o attachments  
Rich Jolly "  
Merlyn Coffman "  
file

**I. GENERAL INFORMATION**

**A. Discharger/Legally Responsible Party**

Name: Transwestern Pipeline Company  
Attn: Merlyn Coffman, Team Leader

Mailing Address: Transwestern Pipeline Company  
6381 North Main Street  
Roswell, New Mexico 88201  
(505) 625-8022

**B. Local Representative or Contact Person**

Larry Campbell, Division Environmental Specialist

**C. Location of Discharge**

Legal Description: Township 21 South, Range 34 East, Section 6, Lea County  
UTM Zone 13  
UTMH 640.779 km East  
UTMV 3597.286 km North

A state of New Mexico USGS map of the immediate site area and a plot plan showing location of the compressor station layout and equipment are presented in APPENDIX A.

Note: All onsite routine operational discharges are directed to sumps or above-ground tanks with subsequent transfer offsite for appropriate disposal and/or recycling. This activity is conducted by an appropriate disposal company. No onsite discharges of any liquid or solid are intentionally performed at this location. All waste streams at this facility are segregated and directed into dedicated tanks.

**D. Type of Natural Gas Operation**

This field compressor station provides compression for the transmission of natural gas in the collected from producing wells in the area. Once compressed at the facility, the natural gas is transported to the 24" mainline system and is delivered to Transwestern's Wt-1 compressor station located approximately 25 miles west of Eunice, New Mexico.

**E. Copies**

Three copies of the discharge plan application are enclosed.

Monument Turbine Compressor Station Discharge Plan  
Page 2

**F. Affirmation**

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

Sincerely,

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

Larry Campbell  
Division Environmental Specialist

## II. PLANT FACILITIES

**A. Sources and quantities of effluent and plant fluids. For each source, primary quality type (e.g., high TDS water, hydrocarbons, washwater, sewage), estimated quantities, and major additives, if any are provided.**

1. Scrubbers. The incoming gas stream to this facility contains liquids in the form of natural gas pipeline liquids, or condensate. These entrained liquids are then removed by the operation of the onsite inlet scrubbers. These liquids are then transferred for collection in a 100 bbl. pipeline liquids tank. Liquids which are received during pigging operations are temporarily collected in a small 5 gallon sump and transferred to the pipeline liquids tank. The volume of pipeline liquids collected on a daily basis is determined by operation of the two onsite turbines and the liquids received during a pigging operation. However, as a general rule, approximately six gallons/day of pipeline liquids are collected by this system.

2. Engines and cooling waters. The turbines present at this facility not use liquid coolants in their operational processes.

3. Domestic Sewage. Domestic sewage is collected in a portable system which is transferred from the site periodically.

4. Engine Wash Down Water and Floor Drains: Wastewater collected from cleaning and washdown operations are directed to a small recessed sump in the concrete containment area. This liquid is then transferred to a 100 bbl. oily waste water tank. Only non hazardous biodegradable solvents are used in this process. The liquids stored in this tank are periodically tested for characterization prior to being removed by a wastewater hauler for proper disposal or recycling. Rain water and or snow melt which collects in the containment areas, is also handled as the washdown water. There are no other waste streams which presently enter this system. Truck washing operations are not performed at this facility.

5. Waste engines Oils: Lubricative oil changeouts from the two onsite turbines do not normally require oil changes. Only when the units are being taken down for repair or maintenance might the oil be removed from the engines. During periods when this activity occurs, the used oil is removed from the turbines and transferred to series of 55 gallon drums and transported to an offsite used oil tank for recycling. Prior to removal from this facility oil samples are collected and analyzed from the tank for proper recycling or recovered as boiler fuel makeup.

Chemical materials stored onsite in excess of 55 gallons may include: gear and engine oil, methanol, biodegradable soap and solvent, steam cleaner degreaser.

### **B: Quality Characteristics**

Presented below are the characteristics of the individual waste streams which are generated on site. All waste streams have been separated and are segregated into dedicated sumps and tanks.

1. Pipeline Liquids: The natural gas pipeline liquids/condensate annual sampling results will be submitted to the OCD when sufficient liquids have been collected at this facility. Due to the small run times at this facility, sufficient liquids have not been collected. This material is marketed for burner fuel or recycled into a fuel product.

2. **Used Engine Oil:** Prior to removal from the facility for recycling, this material is sampled as per 40 CFR 266. analytical testing results will be submitted when sufficient oil has been collected.
3. **Oily Wastewater.** The liquids comprising this stream are periodically sampled from the 100 bbl. tank and appropriately recycled as burner fuel. Sampling results will be submitted when appropriate.

**C. Transfer and Storage of Fluids and Effluent**

1. Water and wastewater plan schematics are not applicable as there is no individual water treatment units onsite. Liquid wastes are not discharged onsite. All liquids and liquid wastes are temporarily stored in sumps and tanks until they are transferred offsite for recycling and/or disposal.
2. Potential surface and groundwater contaminants, which may be discharged within the compressor station would be associated with sumps, above ground storage tanks and connecting ground pipes. Sumps and tanks are visually inspected periodically. All tanks have been engineered to be visually inspected for tank leakage and contained in concrete secondary containment of capacities which equal 150%. This surpasses the OCD requirement for 130 % containment storage.
  - a. Pipeline liquids tank - 100 bbl. capacity , steel walled; contains liquids received from scrubber, and pig receiver. Liquids are tested periodically and removed from the tank at scheduled intervals for offsite recycling.
  - b. Oily wastewater tank -100 bbl. capacity, steel walled; contains liquids received from sumps associated with engine washdown, parts cleaning. Liquids are sampled prior to removal.
  - c. Oil storage tank - 750 gallon capacity, containing Citgo NGL.
3. Underground wastewater pipes, their age and specification are: Piping materials are constructed of 0.25 inch steel schedule 80 grade B and are seamless.
  - a. All underground pipes are designed and constructed according to Transwestern's specifications. They are made of coated steel and connected to the facility rectifier system for corrosion control. The existing underground pipes were installed in 1993.

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

1. SPCC Plan: Procedures addressing spill containment and cleanup, including proposed schedule for OCD notification of spills will be described in the facility's Spill Prevention Control and Countermeasures (SPCC) plan. This document is permanently filed onsite at the facility. The following contractors are presently used for disposal of the following liquid waste streams:
  - a. **Pipeline liquids and rainwater collected in containment areas:**  
Enron Oil Trading and Transportation (EOTT)  
P.O. Box 2297  
Midland, Texas 79702  
(915) 687-0783

**b. Oily wastewater:**

Mesa Oil Co.  
4701 Broadway SE  
Albuquerque, New Mexico 87105  
(505) 877-8855

Enron Oil Trading and Transportation  
P.O. Box 2297  
Midland, Texas 79702  
(915) 687-0783

**c. Used lubrication and gear oil:**

Mesa Oil Co.  
4701 Broadway SE  
Albuquerque, New Mexico 87105  
(505) 877-8855

**d. Used Oil filters:**

Waste Management of Southeast New Mexico  
2608 Lovington Highway  
Hobbs, New Mexico 88240  
(505) 392-6571

**e. Other solid waste:**

Waste Management of Southeast New Mexico  
2608 Lovington Highway  
Hobbs, New Mexico  
(505) 392-6571

2. Housekeeping: Precipitation runoff is directed from the station facility. All chemicals and products are contained in concrete secondary containment. Containments have also been constructed around the engine

3. Leak Detection: All aboveground tank systems are visually inspected monthly to detect leaks and ensure tank integrity. Visual sump inspections are performed annually.

4. Well System: There is no onsite well system.

#### **IV. SITE CHARACTERISTICS**

**a. Site Features**

The approximate 0.25 acre site is presently fenced for security measures. There is approximately 6 inches of relief across the extent of the property, sloping towards the east. Permanent buildings which are present on the site include: the office, and maintenance shop.

The closest existing residential development is the town of Monument, New Mexico located 16 miles to the northeast of the facility.

1. Geology. The Monument Lateral Compressor Station is located in southern Lea County in section 6, T. 21 S., R. 34 E. This area lies within the High Plains subdivision of the Great Plains Physiographic Province. The facility is located on a high area called the Grama Ridge that is named after a southwestward facing scarp bordering the northeast side of the San Simon Swale. The area is depicted by a hard caliche surface with numerous shallow depressions. The depressions are dissected by deep gullies, most trending southeastward.



This region in southern Lea County is within the back reef or shelf area of the Permian Basin and is underlain by a thick (more than 17,000 feet) stratigraphic sequence containing units ranging in age from Paleozoic through Quaternary. Table 1 shows the units of significance and their general lithologic character:

Table 1. Stratigraphic Units in Southern Lea County, New Mexico (1)

Geologic Age	Geologic Unit	General Character
(Quaternary) Pleistocene	Alluvium	Channel and lake deposits; alternating thickbedded calcareous silt, fine sand, and clay; less than 100 feet thick in most places.
(Tertiary) Pliocene	Ogallala Formation	Semiconsolidated fine-grained calcareous sand capped with thick layer of caliche; contains some clay, silt, and gravel.
(Triassic) Dockum Group	Chinle Formation	Claystone, red and green; minor fine-grained sandstones and siltstones; underlies all of eastern part of southern Lea County area; thins westward; absent in extreme west.
(Triassic) Dockum Group	Santa Rosa Sandstone	Sandstone, chiefly red but locally white, gray, or greenish-gray; fine- to coarse-grained; exposed in extreme west; underlies Cenozoic rocks in western part of area, and is present at depth in eastern part.

The Quaternary alluvium sediments are generally found in the depressions and gullies in the Ogallala formation. The Ogallala Formation underlies the Grama Ridge. The thickness of the flat lying formation is dependent on the irregular erosional surface cut into the Triassic rocks. Underlying the Grama Ridge, the Ogallala thickness ranges from a few inches to more than 100 feet thick.

Beneath the terrestrial sediments of the Ogallala is the Dockum Group of Triassic age. The Dockum Group is mainly a sequence of red beds that is divided into the Chinle Formation and the Santa Rosa Sandstone. The uppermost Chinle Formation ranges in thickness from zero to 1,270 feet. The Chinle is missing in the western portion of the county due to erosion after deposition. The Santa Rosa Sandstone ranges in thickness from 140 to more than 300 feet. In the western portion of the county these Triassic rocks generally dip toward the southeast or east.

Potable ground water is found in the Dockum Group, the Ogallala Formation, and the Quaternary Alluvium. The Santa Rosa Sandstone is the principal aquifer in the western third of the county. This unit is recharged by precipitation on the sand dunes directly overlying the sandstone, precipitation and runoff on to out crops, and ground water flow down through the overlying Ogallala and alluvium. Wells completed in the Dockum Group generally have low yields because of the low permeability of the formations.

The Ogallala Formation produces higher yields and better quality water. In the Grama Ridge area the Ogallala Formation is present but is unsaturated in most areas. If present, ground water is limited to the basal few feet of the formation. Ground water is also produced from Quaternary fill in Triassic surface depressions.

Ground water flow in the Dockum Group appears to be away from recharge areas, which in this area is to the south and southeast. Ground water flow in the Ogallala Formation generally follows the surface contour of the Triassic rocks. Water wells, situated in the same township and range as the Compressor Station, are producing from both the Ogallala and the Chinle Formations. Ground water levels were measured between 63 and 137 feet below ground surface in wells producing from the Ogallala Formation and between 88 and 101 feet below ground surface in wells producing from the Chinle Formation.

2. Soils: Refer to Geology Section, above.

3. Vegetation: The vegetation of the area is typical for the climate and site aspect present at the facility. The potential plant community on this unit is short and mid grasses and shrubs.

**A. Hydrologic features**

1. Bodies of Water: There are no permanent bodies of water located within one mile of the facility.
2. Depth to Groundwater: Refer to Geology section, above.
3. Water Chemistry: Potable water for the facility is received from bottled water which is brought onsite.

**B. Flood Protection**

1. Flood Potential: There is no known record or indication of flooding onsite.
2. Flood Protection: Curbs, secondary containments and culverts have been constructed to retain all rainwater collected in tank areas. There have been no onsite hydrocarbon releases to the adjacent undisturbed soils.

**V ADDITIONAL INFORMATION**

To be supplied upon request from the Oil Conservation Division.

**References**

1. Geology and Ground Water Conditions in Southern Lea County, New Mexico, by A. Nicholson, Jr. and A. Clebsch Jr., 1961, 123p.
2. Mineral and Water Resources of New Mexico, compiled in cooperation with U. S. Geological Survey, State Engineer of New Mexico, New Mexico Oil Conservation Commission, and U.S. Bureau of Mines, 1965, reprinted 1982, 437 p.
3. Roadside Geology of New Mexico, by Halka Chronic, 5th printing 1992, 255 p.
4. New Mexico State Engineers Office, Roswell, New Mexico.

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

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

(GW-195) - Transwestern Pipeline Company, Larry Campbell, P.O. Box 1717, Roswell, New Mexico 88202-1717, has submitted a discharge plan application for their Texaco Bilorey Compressor Station located Section 4, Township 22 South, Range 32 East, NMPM, Lea County, New Mexico. All wastes generated will be stored in closed top above ground storage tanks prior to off-site disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 278 feet with a total dissolved solids concentration of approximately 600 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-196) - Transwestern Pipeline Company, Larry Campbell, P.O. Box 1717, Roswell, New Mexico 88202-1717, has submitted a discharge plan application for their Santa Fe Bilorey Compressor Station located Section 4, Township 22 South, Range 32 East, NMPM, Lea County, New Mexico. All wastes generated will be stored in closed top above ground storage tanks prior to off-site disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 278 feet with a total dissolved solids concentration of approximately 600 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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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 applications may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on a 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. A public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of May, 1995.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
s/WILLIAM J. LEMAY, Director  
Journals June 27, 1995, 34

**STATE OF NEW MEXICO**

County of Bernalillo

SS

Bill Tafoya being duly sworn declares and says that he is Classified 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 of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being of the 2nd day of JUNE, 1995, and the subsequent consecutive publications on \_\_\_\_\_, 1995

Sworn and subscribed to before me, a notary Public in and for the County of Bernalillo and State of New Mexico, this 2nd day of JUNE, 1995

PRICE

\$ 46.09  
Statement to come at end of month.

CLA-22-A (R-1/93) ACCOUNT NUMBER C80932

OK MA

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

STATE OF NEW MEXICO )  
 ) ss.  
COUNTY OF LEA )

(GW-195)-Transwestern Pipeline Company, Larry Campbell, P.O. Box 1717, Roswell, New Mexico 88202-1717, has submitted a discharge plan application for their Texaco Bilbrey Compressor Station located Section 4, Township 22 South, Range 32 East, NMPM, Lea County, New Mexico. All wastes generated will be stored in closed top above ground storage tanks prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 378 feet with a total dissolved solids concentration of approximately 800 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

Given under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of May, 1995.

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

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Notice Of Publication

and XXXXXXXX

XXXXXXXXXXXX

XXXXXX, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the one (1) day

consecutive weeks, beginning with the issue of

May 26 19 95

and ending with the issue of

May 26 19 95

And that the cost of publishing said notice is the sum of \$ 58.32

which sum has been (Paid) (Assessed) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 19th

day of June 19 95

Jean Serin  
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28 19 98

RECEIVED

RECEIVED

NOTICE OF PUBLICATION

MAY 26 1995

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OIL CONSERVATION DIVISION  
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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 19th day of May, 1995.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY, Director

SEAL

**NO EFFECT FINDING**

The described action will have no effect on listed species,  
~~and on other important wildlife resources.~~

Date May 30, 1995

Consultation # GW95OCD1

Approved by 

**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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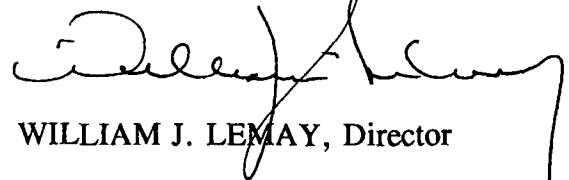
Any interested person may obtain further information from the Oil Conservation Division and

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of May, 1995.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

SEAL