# GW - 211

### GENERAL CORRESPONDENCE

**YEAR(S)**:

## 2006-1993



April 26, 2006

P.O. Box 4324	Houston, Texas 77210-4324	713.880.6500
2727 North Loop West	Houston, Texas 77008-1044	www.eppip.com

2006

ABLJ

\_**\_**\_

AM 11

Mr. Wayne Price Environmental Bureau Chief New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

Subject: Discharge Permit GT-185 Kutz #2 Compressor Station Discharge Permit SW-211 Largo Compressor Station Discharge Permit GW-212 Ballard Compressor Station Discharge Permit GW-209 Lindrith Compressor Station Discharge Permit GW-188 3B-1 Compressor Station Discharge Permit GW-189 Angel Peak Compressor Station

Dear Mr. Price:

As requested in your letter dated April 12, 2006, enclosed are signed copies of the attachment to the Discharge Permit for each of the above locations. Also enclosed is Enterprise's check in the amount of \$10,200 (\$1700 per location) in payment of fees associated with the discharge plans.

As you will note, the Attachment to the Discharge Permit has been signed on behalf of Enterprise by our Vice President and General Manager of Operations, Mr. Terry L. Hurlburt.

Should you have questions or need additional information, please contact Mr. Doug Jordan, Environmental Manager – Midstream Systems at 713-880-6629.

Yours truly,

Shiver J. Nolan Senior Compliance Administrator

enclosures attachments for each location check

### ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

	I hereby acknowledge receipt of check No. dated $4/25^{-}/00^{-1}$	
-	or cash received on in the amount of \$ 1700	
	from Filter Druse Products	
	for S(l)-211 LARGE CONDERSED STATION	
	Submitted by Henrodelie Rootlers Date: 5/30/06	-
	Submitted to ASD by: Alter flag Porte = 5/30/06	
	Received in ASD by: Date:	· · ·
	Filing Fee New Facility Renewal	
	Modification Other	
	Organization Code521.07 Applicable FY2004	
	To be deposited in the Water Quality Management Fund.	
	Full Payment or Annual Increment	
-		
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1996 - Starley Starley 1996 - Starley St	THE FACE OF THIS DOCUMENT CONTAINS SECURITY PRINTING.	
	EANK ONE, NA 56-1544/441 ENTERPRISE PRODUCTS OPERATING L.P.	
NTERPRISE*	HOUSTON, TEXAS 77210 25-APR-06	
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fen Thousa	and Two Hundred And No/100 Dollars.\$**	****10,200.00
PAY TO TO		
	1220 SOUTH SAINT FRANCIS DR SANTA FE, NM 87505 United States	Farfy
1. ș. 11 - 1 - 1		



2006 MAR 10 PM 2 01 NM EMNRD OIL CONSERVATION ATTN: Ech Martin A 1220 S ST FRANCIS DR A

SANTA FE NM 87505

 ALTERNATE ACCOUNT: 56689

 AD NUMBER: 00158987 ACCOUNT: 00002212

 LEGAL NO: 78541
 P.O. #: 06-199-050-125

 588 LINES 1 TIME(S)
 329.28

 AFFIDAVIT:
 6.00

 TAX:
 25.57

 TOTAL:
 360.85

### 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 # 78541 a copy of which is hereto attached was published in said newspaper 1 day(s) between 03/07/2006 and 03/07/2006 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 7th day of March, 2006 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

S/LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 7th day of March, 2006

Notary 11/23/01 Commission Expires:

OK TO Pay Martin 3-20-06



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NOTICE OF PUBLICATION

4

### 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 permit application has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-188) Enterprise Products Operating, L.P., Mr. Terry L. Hurl-burt, Vice President & General Manager of Operations, P.O. Box 4324, Houston, TX 77210-4324, has sub-mitted a renewal ap-plication for the previously approved discharge permit for their 3B-1 Compressor Site, located in the NW/4 SW/4 of Section NW/4 SW/4 of Section 33, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico. The total discharge will be about 15 gal-lons/day. This fluid lons/day. This fluid will consist of oil and water and will be discharged to closed top storage tanks on site. Hydrocarbons will be separated from the water and recycled. The wastewater will then be disposed of by evaporation at an OCD-approved facil-OCD-approved Groundwater ity. ity. Groundwater most likely to be af-fected by a spill, leak or accidental disor accidental dis-charge to the surface is at a depth of ap-proximately 50 feet with total dissolved solids concentration of approximately 1,500 mg/l. The dis-charge permit ad-dresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-212) Enterprise Products Operating, L.P., Mr. Terry L. Hurlburt, Vice President & General Manager of Operations, P.O. Box 4324, Houston, TX 77210-4324, has submitted a renewal application for the previously approved discharge permit for their Ballard Compressor Station, located in the SE/4 NE/4 of Section 26, Township 26 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process waste-water with to dis-solved solids durcentration of approxi-mately 3,500 mg/L is stored in an above grade, closed-top steel tank prior to offsite disposal at an OCD-approved facil-Groundwater itv. most likely to be af-fected in the event of an accidental dis-charge is at a depth of approximately 440 feet with total dis-solved solids concentration of approxi-mately 820 mg/L. The discharge permit ad-dresses how spills, leaks and other acci dental discharges to the surface will be managed.

(GW-211) Enterprise Operating, Products Operating, L.P., Mr. Terry L. Hurlburt, Vice President & burt, Vice President & General Manager of Operations, P.O. Box 4324, Houston, TX 77210-4324, has sub-mitted a renewal ap-plication for the pre-viously approved dis-charge permit for their Largo Compres-sor Station, located in their Largo Compres-sor Station, located in the SW/4 NW/4 of Section 15, Township 26 North, Range 7 West, NMPM, Rio Ar-riba County, New Mexico. Approxi-mately 115 gallons per day of process wastewater with total dissolved solids condissolved solids con-centration of 3,500 mg/L is stored in an above grade, closed-top steel tank prior to offsite dis-posal at an OCD-ap-proved facility. proved Groundwater most likely to be affected in the event of an acci-dental discharge is at a depth of approxi-mately 255 feet with total dissolved solids concentration of approximately 542 mg/L The discharge permit addresses how spills, leaks and other acci-dental discharges to the surface will be managed.

(GW-209) Enterprise Operating, Products L.P., Mr. Terry L. Huriburt, Vice President & General Manager of **Operations, P.O. Box** 4324, Houston, TX 77210-4324, has submitted a renewal application for the previously approved discharge permit for their Lindrith Compressor Station, located in the NE/4 SE/4 of Section 18, Township 24 North, Range 5 West, NMPM, Rio Arriba County, New Approxi-Mexico.

mately 86 gailons per day of process wastewater with total dissolved solids concentration of 3,500 mg/L in stored is below-grade, closed-top steel tank with positive leak detection prior to offsite at an disposal OCD-approved facil-Groundwater ity. most likely to be affected in the event of an accidental discharge is at a depth of approximately 750 feet with total dissolved solids concentration of approximately 760 mg/L. The discharge permit addresses how spills, leaks and other accidental discharges to the surface will be managed. (GW-189) Enterprise

Products Operating, L.P., Mr. Terry L. Hurl-burt, Vice President, P.O. Box 4324, Hous-ton, TX 77210-4324, has submitted a re-newal application for the previously ap-proved discharge permit for their Angel Peak Compressor Station, located in the NE/4 NE/4 of Section 8, Township 27 North, Pango 10 West. 10 Range Juan NMPM, San County, New Mexico. The total discharge will be about 19 gallons/month. This fluid will consist of oil and water and will be discharged to closed top storage tanks on site. Hydrocarbons site. Hydrocarbons will be separated from the water and recycled. The waste-water will then be disposed of by evapora-tion at an OCD- ap-proved facility. Groundwater most likely to be affected by a spill, leak or acciby a spin, leak of acci-dental discharge to the surface is at a depth of approxi-mately 900 feet with total dissolved solids concentration of approximately 510 mg/l. The discharge permit addresses how spills, leaks and other acci-dental discharges to the surface will be managed.

> (GW-186) Enterprise Products Operating, L.P., Mr. Terry L. Hurlburt, Vice President, P.O. Box 4324, Houston, TX 77210-4324, has submitted a renewal application for the previously approved discharge permit for their Kutz 2 Compressor Station, located in the SE/4 SW/4 of Section 15, Township 29 North, Range 12 West,

NMPM, San Juan County, New Mexico. Approximaty 12 gallons per control of wastewater with total dissolved solids concentration of approximately 1,000 mg/l is stored in an above ground closed top steel tank prior to offsite disposal at an OCD approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth ranging from 317 feet to 810 feet with total dissolved solids concentration of approximately 2,000 mg/l. The discharge permit addresses how spills, leaks and other accidental discharges to the surface will be managed.

Any interested person may obtain further in-formation 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 permit application may be viewed at the above address be-tween 8:00 a.m. and 4:00 p.m., Monday tween 8:00 a.... 4:00 p.m., Monday through Friday. The draft permit condi-tions for operation are available on the website www.emnrd.state.nm. us/emnrd/ocd/. Prior to ruling on any pro-posed discharge per-mit or its modifica-tion, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which com-ments may be sub-mitted to him and a public hearing may be requested by any in-terested person. Re-quests for a public hearing shall set forth hearing snail set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public in-terest. terest.

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

GIVEN under the Seal of New Mexico Oil Conservation Com-

mission at Santa Fe, New Mexico, on this 1ST day of March 2006.
STATE OF NEW MEXICO OIL CONSERVATION DIVISION
S E A L MARK E. FESMIRE, P.E., Director Legal#78541 Pub. Mar. 7, 2006

### AFFIDAVIT OF PUBLICATION

### Ad No. 53085

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

CONNIE PRUITT, being duly sworn says: That she is the ADVERTISING 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):

Tuesday, March 07, 2006.

And the cost of the publication is \$194.35.

TUUT mu

ON  $3/7/D_{\odot}$  CONNIE PRUITT appeared before me, whom I know personally to be the person who signed the above document.

Complission Expires November 17, 2008.

### COPY OF PUBLICATION

918

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

Legals

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

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(GW-211) Enterprise Products Operating, L.P., Mr. Terry L. Hurlburt, Vice President & General Manager of Operations, P.O. 8ox 4324, Houston, TX 77210-4324, has submitted a renewal application for the previously approved discharge permit for their Largo Compressor Station, located in the SW/4 NW/4 of Section 15, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 115 gallons per day of process wastewater with total dissolved solids concentration of 3,500 mg/L is stored in an above grade, closed-top steel tank prior to offsite disposal at an OCD-approved facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 255 feet with total dissolved solids concentration of approximately 542 mg/L. The discharge permit addresses how spills, leaks and other accidental discharges to the surface will be managed.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1ST day of March 2006.

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

MARK E. FESMIRE, P.E., Director

Legal No. 53085 published in The Daily Times, Farmington, New Mexico on Tuesday, March 7, 2006.

SEAL

### 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 1<sup>ST</sup> day of March 2006.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

MARK E. FESMIRE, P.E., Director

SEAL



P.O. Box 4324 2727 North Loop West

Houston, Texas 77210-4324 Houston, Texas 77008-1044 713.880.6500 www.epplp.com

February 15, 2006

7005 1820 0006 5546 1192 Return Receipt Requested

Mr. Ed Martin Environmental Engineer New Mexico Natural Resources Department 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

- RE: Discharge Plan Renewal Applications
- $G \omega 188$  3B-1 Compressor Station
  - 212 Ballard Compressor Station 211 Largo Compressor Station
  - **209** Lindrith Compressor Station
  - **100** Angel Desis Compressor Station
  - 199 Angel Peak Compressor Station

AND KUTZ #2 GW-186

Enterprise Products Operating L.P., as operator for Enterprise Field Services LLC, herein submits the discharge plan renewal applications and discharge plans for the subject facilities. These facilities were acquired by Enterprise from GulfTerra Energy Partners as a part of an acquisition from El Paso Field Services. Also enclosed is Enterprise's check in the amount of \$600 in payment of fees associated with the renewals.

Should you have questions or need additional information, please contact Mr. Doug Jordan, Environmental Manager, at 713-880-6629.

Yours truly,

1 Apla

Shiver J. Nolan Senjjor Compliance Administrator

/sjn enclosures

### Martin, Ed, EMNRD

To: DJordan@eprod.com

Subject: RE: Enterprise Products OCD Discharge Plans

OK. Thanks for the response.

### 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 email: ed.martin@state.nm.us

From: DJordan@eprod.com [mailto:DJordan@eprod.com] Sent: Friday, January 20, 2006 11:55 AM To: Martin, Ed, EMNRD Subject: RE: Enterprise Products OCD Discharge Plans

Ed, I didn't even catch the 2005-2006 and just read 2006 into the letter. Guess I knew what you meant to "say".

We had sent the plans to our Field Operations to confirm that the data in the underlying applications/permit was/is still valid and correct. Minor changes have been noted and we have revised the applications accordingly. The applications made it to Houston and we realized that we needed to revise the plans to reflect the proper Enterprise Field Services, LP and Enterprise Products Operating L.P designation and we are making those changes. In the process of making those changes, we realized that our "new" VP of Operations (Terry Hurlburt has been VP of Operations for Enterprise for several years, but the former El Paso assets are new to his domain) has not seen the full applications or contents of our "See On File" comment. As such, we are pulling that information together for his perusal. Although it doesn't change our submittal, I believe it to be a prudent action to allow the signing party to see what we are representing.

With that, we should have the applications sent your way next week.

We are also working on the plan renewals for the facilities that you reminded us are close to their expiration date.

----Original Message----From: Martin, Ed, EMNRD [mailto:ed.martin@state.nm.us]
Sent: Thursday, January 19, 2006 8:41 AM
To: Jordan, Doug M.
Subject: RE: Enterprise Products OCD Discharge Plans

I have a couple of letters to Terry Hurlburt concerning discharge plans with certain due dates for renewals:

Letter dated December 20, 2005 concerning GW-189 on the Angel Peak Compressor Station. Due date for submission of renewal application is January 20, 2006. Letter dated December 21, 2005 concerning GW's-209, 211, 212 on Lindrith, Largo, and Ballard

compressor stations. Due date for submission of renewal application is January 23, 2006.

Well, really the letters say due dates are January 20 and 23 of 2005. Sorry about that. Anyway, did you get these and how are they coming?

### Martin, Ed, EMNRD

To: DJordan@eprod.com

Subject: RE: Enterprise Products OCD Discharge Plans

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Well, really the letters say due dates are January 20 and 23 of 2005. Sorry about that. Anyway, did you get these and how are they coming?

### 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 email: ed.martin@state.nm.us

From: DJordan@eprod.com [mailto:DJordan@eprod.com]
Sent: Wednesday, January 04, 2006 3:23 PM
To: Martin, Ed, EMNRD
Subject: Enterprise Products OCD Discharge Plans

Mr. Martin, I received copies of the letters you sent to Terry Hurlburt regarding the expired Discharge Plans and the plans that are approaching the expiration date. I do appreciate the reminder and have asked my staff to prioritize the plan renewals.

I did note that Lincoln B Compressor Station was included on the list of facilities with a soon to expire plan. The Lincoln B Compressor Station is an El Paso Natural Gas facility and not an Enterprise Products facility.

We also decommissioned one of the Angel Peak Compressor Stations. I believe that it is the one referenced in your letter indicating expiration last June. Upon confirmation that it is the facility we decommissioned, I will send you a confirmation email.

Thanks again for the reminder.

Douglas Jordan Environmental Manager, Enterprise Products Midstream Systems 713-880-6629



### NEW MEXICO ENERGY, MENERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Mark E. Fesmire, P.E. Director Oil Conservation Division

December 21, 2005

CERTIFIED MAIL RETURN RECEIPT 7001-1940-0004-7920-7782

Mr. Terry Hurlburt Enterprise Products Operating, L.P. 2727 North Loop West Houston, TX 77008

RE: Expired Discharge Permits

Dear Mr. Hurlburt:

The following discharge permits, issued for the operation of the Enterprise Products Operating, L.P. (Enterprise) facilities shown have expired as follows:

GW-209	Lindrith Compressor Station	Expired August 24, 2005
GW-211	Largo Compressor Station	Expired August 24, 2005
GW-212	Ballard Compressor Station	Expired August 24, 2005

Enterprise must submit discharge permit renewals, to the Santa Fe Office, for these facilities by January 23, 2005.

If you have any questions, contact me at (505) 476-3492 or ed.martin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

& Matti

Edwin E. Martin Environmental Bureau

Copy: Aztec District Office



Enterprise Products Operating, LP 614 Reilly Avenue Farmington, NM 87401

RECEIVED

Mr. Roger Anderson New Mexico Oil Conservation Division 1220 S. St. Francis Santa Fe, NM 87505 DEC 1 5 2004 OIL CONSERVATION DIVISION

RE: Change of Ownership

Dear Roger:

This is to notify you of the change of ownership for the El Paso Field Services Co. facilities in the San Juan Basin area, in and near Farmington, NM. A list of the effected facilities, along with the Discharge Permit numbers, is attached. These plants and compressor stations are now owned by GulfTerra Energy Partners. L.P. ("GulfTerra"). GulfTerra is no longer affiliated with El Paso Corp.. It is now a subsidiary of Enterprise Products Partners, L.P. ("Enterprise"). All the GulfTerra facilities are operated by Enterprise Products Operating, L.P.

All local contact information as listed in the Discharge Plans is still current. However, Mr. E. Randal West is no longer the Responsible Party for the facilities. The new Legally Responsible Party for all the GulfTerra/Enterprise locations is:

> Mr. Terry Hurlburt Vice President Enterprise Products Operating, L.P. 2727 North Loop West Houston, TX 77008.

If you need any additional information regarding the change of ownership, please call me at (505) 599-2256.

Sincerely yours,

auid Bay

David Bays, REM Principal Environmental Scientist

Cc: Mr. Denny Foust – NMOCD – Aztec, NM

### New Mexico Discharge Permit Numbers

Permit Number	Facility Name
GW-189	Angel Peak Plant
GW-212	Ballard Plant
GW-049	Blanco Plant
GW-71	Chaco Plant
GW-186	Kutz Plant
GW-049-1	Kutz Separator
GW-188-1	Hart Canyon #1 Station
GW0188-2	Hart Canyon #2 Station
GW-188-3	Hart Canyon #3 Station
GW-21-1	Largo Plant
GW-209	Lindrith Plant
GW-301	Manzanares Station
GW-298	Martinez Canyon Station
GW-303	Navajo City Station
GW-302	Potter Canyon Station
Gw-317	Rattlesnake Plant
GW-304	Turley Station
GW-153	2B-3A Station
GW-154	2B-3B Station
GW-188	3B-1 Station



.....

	I hereby acknowledge recaipt of chee	ck No.
	or cash received on 11/27/00	
	from EL PASO FIELD SERVICES CO	
	for	
	Submitted by:	
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	Received in ter to	Date: 11/27/00
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	Filing Fee New Facility	Renewal
	Modification Other	
	Organization Code <u>521.07</u>	Applicable FY <u>2001</u>
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To The Order Of	NEW MEXICO OIL CONSERVATION DIVISON 2040 S PACHECO SANTA FE, NM 87505	71 Br. 10 4.

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Authorized Signature

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\* Gross Receipt Tax Required

Contact Person:

Received in ASD By:

- Site Name & Project Code Required

TOTAL

ED MARTIN Phone: 827-7151 Date: 11/27/00 \_\_\_\_\_ RT#: \_\_ ST #: Date:

FSB025 Revised 07/07/00



August 17, 2000

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

### RE: Discharge Plan Renewal – Largo Compressor Station – Discharge Plant GW-211

Dear Sir:

Please find enclosed the renewal application and \$50.00 filing fee for the El Paso Field Services Co. Largo Compressor Station, Discharge Plan GW-211.

EPFS has operated the Station in accordance with Discharge Plan GW-211. Sections in the renewal application which are unchanged from the original discharge plan are indicated as "See On File." The only sections of the Discharge Plan which have changed are contact names and telephone numbers. If you need any additional information regarding this application, please call me at (505) 599-2256.

Sincerely yours,

avil Bag

David Bays, REM Principal Environmental Scientist

cc: Largo Regulatory file

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

1

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

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

Revised 12/1/95

	<u>GAS I</u>	<u>DISCHARG</u> PLANTS, REFI	<u>SE PLAN</u> NERIES,	APPLICAT	ION FOR S SSOR, ANI	SERVICE COM	I <u>PANIES,</u> PUMP STAT	IONS	
		(Refer to OCI	) Guidelii	nes for assi	stance in c	ompleting the	application)		
		New		× R	enewed		Modification	า	
1.	Туре:	Largo Compr	essor Sta	ation, Disch	arge Plan	No. GW-211			
2.	Operator:	El Paso Field	I Services	s Co.					
	Address:	614 Reilly Av	e. Farmi	ngton, NM	87401				
	Contact Person:	David Bays					Phone	(505) 599	-2256
3.	Location:	SW/4	NW/4	Section	20	Township	27 North	Range	10 West

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. **Submitted with original Discharge Plan application - no modifications** 

- 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 daily quality and daily volume of waste water must be included.
- 8. Attach a description of current liquid waste and solid waste collection/treatment/disposal systems.
- 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 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:	David Bays	Title:	Principal Environmental Scientist
Signature:	David Bay	Date:	August 17, 2000

### EL PASO FIELD SERVICES COMPANY LARGO COMPRESSOR STATION DISCHARGE PLAN GW-212

1

Renewal Application August 17, 2000

Prepared for:

### NEW MEXICO OIL CONSERVATION DIVISION

### 2040 S. Pacheco

### Santa Fe, New Mexico 87505

El Paso Field Service Co. 614 Reilly Avenue Farmington, NM 87401 (800) 203-1347

This Discharge Plan has been prepared in accordance with Oil Conservation Division "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants".

### I. Type of Operation

See On File

### II. Operator/Legally Responsible Party and Local Representative

Legally Responsible Party:	Mr. Robert Cavnar		
,	El Paso Field Services Company		
	1001 Louisiana		
	P. O. Box 2511		
	Houston, TX 77252		
	(713) 420-4288		
Environmental Manager:	Mr. Doug Jordan		
	El Paso Field Services Company		
	1001 Louisiana		
	P. O. Box 2511		
	Houston, TX 77252		
	(713) 420-6192		
Operations Manager:	Mr. Bennie Armenta		

Perations Manager: Mr. Bennie Armenta El Paso Field Services Company 614 Reilly Avenue Farmington, NM 87401 (505) 599-2232

### III. Location of Facility

See On File

### IV. Landowner

See On File

### V. Facility Description

See On File

### VI. Sources, and Quantities of Effluent

See On File

ALCINE.

### VII. Transfer and Storage of Process Fluids and Effluent

See On File

### VIII. Effluent Disposal

Offsite Disposal

All liquids from this site are handled in accordance with NMOCD and NMED regulations. Liquids from this site will be discharged into existing tanks on site. All liquids will be removed from the site by EPFS. All liquids will be recycled if possible.

Hauling Agent	Dawn Trucking
	16 County Road 5860
	Farmington, NM 87401

Oily waste water is transported to the EPFS Kutz Hydrocarbon Recovery Facility located on County Road 4900, east of U. S. Highway 544. Produced water is transported to the Basin Disposal salt water injection well located at 6 County Road 5046 in Bloomfield.

Burlington is responsible for liquids disposal from the 62 barrel fiberglass tank and 210 barrel oil storage tank.

Oil Hauling Agent:	Giant Oil Transportation Inc. 4551 Heffera Road Bloomfield, NM 87413	
Oil Final Disposal:	Giant Refinery 89 Road 4990 Bloomfield, NM 87413	
Water Hauling Agent:	Three Rivers Truckingor603 E. Murray DriveFarmington, NM 87402	Dawn Trucking 318 E. Highway 64 Farmington, NM 87402
Water Final Disposal:	McGrath salt Water Disposal W Block B, Sec. 34, T34N, R12W	ell

### IX. Inspection, Maintenance and Reporting

See On File

### X. Spill/Leak Prevention and Reporting (Contingency Plans)

See On File

### XI. Site Characteristics

See On File

### XIII. Affirmation

I here by certify that I am familiar with the information contained in and submitted with this discharge plan for the Largo Compressor Station, and that such information is true, accurate, and complete to the best of my knowledge and belief.

il Bay

David Bays, REM Principal Environmental Scientist

Date: August 17, 2000





### NEW MEXICO OIL CONSERVATION DIVISION ENVIRONMENTAL BUREAU MEMO TO FILE

Date:August 15, 2000Action:Phone conversation Ed Martin and David BaysSubject:Discharge Plan Renewals

I reminded David about these renewals:

GW - 209	El Paso Natural Gas Lindrith Compressor Station
∕GW - 211	El Paso Natural Gas Largo Plant Compressor Station
GW - 212	El Paso Natural Gas Ballard Plant Compressor Station

用金属 网络制作制作用作制制作用作用作用作用作用作用作用作用作用作用作用作用作用作用

**的关于的时间**(1999)

He said he would get right to work on it and they would be coming soon.

Ed Martin



Jennifer A. Salisbury CABINET SECRETARY

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

### **Memorandum of Meeting or Conversation**

Telephone X\_\_\_\_ Personal \_\_\_\_\_

Time: 3pm Date: January 6, 2000

Originating Party: Wayne Price-OCD

Other Parties: Richard Duarte-El Paso Nature Gas Co. 505-831-7763, fax 505-831-7739, E-Mail DUARTER@EPENERGY.COM

Subject: Discharge Plan Renewal Notice for the following El Paso Natural Gas Co. Facilities:

GW-174White Rockexpires2/08/2000GW-173Gallup Compexpires2/08/2000GW-211Largo Compexpires8/24/2000GW-212Ballard Compexpires8/24/2000GW-209Lindrith Compexpires8/24/2000

**WOCC 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 El Paso Natural Gas Notice to submit Discharge Plan renewal application with \$50.00 filing fee for the above listed facilities.

**Conclusions or Agreements:** u ( hue

Signed:

CC: David Bays-El Paso Energy & Richard Duarte EPNG 505-599-2256 Fax 505-599-2119

OIL CONSERVATION DIVISION - DISTRICT | Hobbs - P.O. Box 1980 - Hobbs, NM 88241-1980 - (505) 393-6161 FAX (505) 393 - 0720



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

September 26, 1996

### CERTIFIED MAIL RETURN RECEIPT NO. P-288-258-641

Mr. John Sterrett Consultant Engineer El Paso Field Services (EPFS) P.O. Box 4990 Farmington, NM 87499

### RE: Letter Dated September 6, 1996 GW-211, Largo Compressor Station Rio Arriba County, NM

Dear Mr. Sterrett:

The New Mexico Oil Conservation Division (OCD) has received the EPFS letter dated September 6, 1996 addressing the OCD 6 point inspection report dated June 21, 1996, for the Largo Compressor Station GW-211.

The work plans and proposals of this letter are hereby approved as proposed in the September 6, 1996 letter from Mr. John Sterrett of EPFS. This proposal is not considered a modification to the discharge plan because the quality/quantity of the effluent generated, and horsepower at the site has not been altered.

Note, that OCD approval does not relieve EPFS of liability should EPFS operation's result in contamination of surface waters, ground waters or the environment. OCD approval does not relieve EPFS from compliance with other Federal, State, and Local Rules/Regulations that may apply.

Sincerely,

Patricio W. Sanchez, Petroleum Engineering Specialist Environmental Bureau

XC: Mr. Denny Foust - Environmental Geologist

### P 288 258 641

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Mr. Patricio Sanchez New Mexico Oil Conservation Division 2040 S. Pacheco Street Santa Fe, NM 87504

SEP 1 2 1996

Discharge Plan Inspection GW-211 Largo Compressor Station Sec. 15, T26N, R7W

Environmental Bureau Oil Conservation Division

Dear Mr. Sanchez:

Re:

Below are responses to the each of the numbered items listed in the June 21, 1996 letter from Mr. Chris Eustice regarding compliance with the discharge plan conditions of approval as issued August 24, 1995 for the Largo Compressor Station.

Item #1: The referenced facility has experienced repeated problems with engine restart resulting in liquid hydrocarbons being blown out the top of the emergency shutdown stack, resulting in contamination of the soils surrounding the stack. Provide a plan to prevent the liquid hydrocarbons from being discharged out the top of the stack onto the ground surface.

**Response:** Because of the frequency of the above problem, El Paso Field Services (EPFS) added baffles to the inside of the stack to knock out liquids and installed a 3' x 3' square double-walled drain sump near the base of the stack to the collect liquids which flow by gravity from the bottom of the stack. EPFS also repiped some of the compressor unit drains to divert more oil laden vent lines to the below ground oily water tank. Numerous engine shutdowns and startups and plant emergency shutdown's (ESD's) have occurred since these modifications without any visible discharge of liquids from the emergency shutdown stack.

Item #2: Provide a work plan addressing the clean up of the associated contaminated soils.

**Response:** Subsequent to the installation of the stack changes described in item #1, the contaminated gravel and soil around the base of the emergency stack was raked to aerate and enhance material attenuation. This gravel and soil appears to be cleaned up and is being monitored by Operations to assure that the modifications to the emergency stack are preventing liquid hydrocarbons from being discharged out the top of the stack.

Item #3: Provide a plan and schedule for the berming of the TEG tanks to contain one and one-third the capacity of the largest tank within the berm.

**Response:** A modified condenser/liquids recovery system is scheduled to be installed this fall on the glycol still to reduce air emissions. Portions of the glycol equipment may be moved with this work, including possibly one or two of the associated tanks. Berming of the TEG tanks will be installed either in conjunction with or shortly after the plant modification work, as weather permits. This berming is expected to be completed by the end of 1996.

Item #4: The fluid level in the leak detection system for the double lined evaporation pond indicates a leak may be present in the primary liner of the pond. The fluids will be immediately and continuously pumped from the leak detection system into the pond. EPFS will determine the location of the leaks and

September 6, 1996

provide a work plan, within 60 days from receipt of this letter, to remedy any leaks and associated problems.

**Response:** EPFS is temporarily pumping the production water from the leak detection system back into the pond. The amount of water being pumped out of the leak detection well equates to a leak rate of less than 1.0 gallon per day. This leak rate is so small that it is virtually impossible to locate the leak(s) by standard methods.

EPFS's proposed remedy for the "leaking" liner is to empty, close and remediate the pit according to EPNG's NMOCD approved pit closure plan and replace the lined pit with two, five foot high doublewalled below grade tanks (BGT's) manifolded together to provide the required operating capacity during periods of inclement weather when it is not possible to drain the tanks on a regular schedule.

Attached are the specifications for the proposed BGT installation, procedures for maintenance of the tanks, and a contingency plan in the event of a tank leak. *EPFS herein requests approval to close the lined produced water pond and install the proposed BGT's as a modification to the Discharge Plan*.

After receiving approval, EPFS will proceed to order the BGT's and schedule draining the pond, removing the liner and excavating the pit. The primary location for the tanks will be at the same location as the lined pond. Although completion of this installation may be impacted by soil remediation and weather, EPFS anticipates that the BGT's will be installed by mid November.

Item #5: Oil was noted on top of the water in the evaporation pond. Provide an inspection plan to ensure this problem is not repeated.

**Response:** Closing the evaporation pond and replacing it with below grade tanks will eliminate the concern of oil floating on top of an evaporating pond. The tanks will have expanded steel tops.

Item #6: The tank battery located in the northwest portion of the facility shows evidence of repeated blow over and spillage within the berm. Provide the New Mexico Oil Conservation Division Santa Fe Office with a work plan and schedule to determine the extent and clean up of the associated contamination within the berm.

**Response:** To reduce or eliminate liquid blow over, EPFS has installed an inlet pipe to inject the inflow below normal liquid levels. A restriction orifice was also installed to throttle the flow to the primary process plant hydrocarbon liquid tank. Additionally, EPFS is planning to tee a branch off of the inlet line to the primary process plant hydrocarbon liquid tank and pipe this branch through a throttling valve to an existing plug in the roof of the other process plant hydrocarbon liquid tank. This tank will also have its vent line changed from 3" to 4" to accommodate more transient vapor releases. All of these measures should mitigate liquid blow over and spillage onto the ground.

The contaminated soil associated with the above blow over will be excavated to practical extent and disposed at Envirotech or another OCD approved landfarm facility. This excavation and remediation work would be scheduled along with the pit closure work described under item #4.

S. Sterrett

cc: Denny Foust - NMOCD S.Miller/D.Bays/R.Cosby/File: Largo Plant Regulatory B. Armenta/Z. Schultz R. Jones

### SPECIFICATIONS, PROCEDURES FOR MAINTENANCE, & CONTINGENCY PLAN FOR LEAKS FOR PROPOSED BELOW GRADE TANKS AT LARGO PIGGING SYSTEM DRIP Y-1 TANK BATTERY

### **Specifications**

The proposed below grade tanks will replace the existing lined pit. Following are specifications for the closure of the existing pit and for the proposed below grade tanks.

### **Pit Closure**

- Largo Pigging System Tank Battery: Sec. 15, T26N, R7W.
- Location is within the vulnerable water zone.
- The existing liner will be removed; the pit will be remediated according to EPNG's NMOCD approved pit closure plan and results of the closure will be submitted to NMOCD.

### Tank Installation (see attached drawing)

- Two 120 BBL, double-walled expanded steel top, below grade tanks each with a covered leak detection port.
- Cap on the leak detection port designed to accommodate a pad lock.
- Tank dimensions: 14' 4" outside diameter and 5' height.
- Tanks to be set on 3" gravel pad approximately 4' below grade. Tanks to be a minimum 1/4" plate steel bottom and 3/16" plate steel shell.
- Internal and external surfaces to be coated with an epoxy coating.
- Two tanks manifolded together with a flexible 4" equalization line below grade. The equalization line will also have a capped tee for adding a third tank if additional capacity is desired in the future.
- New drain lines connecting the above ground tanks to the below grade tanks to be pressure tested to 12 PSIG.

### Tank Maintenance

The annual space between the double walls will be inspected through the leak detection port on each tank once per month for a period of six months and thereafter quarterly. Any liquids found in the leak detection system will be reported to NMOCD within 24 hours.

### **Contingency Plan**

In the event of a leak in one of the below grade tanks:

- Both tanks will be pumped down to below the equalization line. The water will be trucked to the Kutz Separator in accordance with the Discharge Plan. Also all drain lines to the below grade tanks will be double blocked.
- A bell hole will be excavated to expose the equalization line. The equalization line will then be disconnected and capped to enable the good tank to be used while the leaky tank is emptied completely, inspected for leaks, repaired, and leak tested. Depending upon the extent of the leak(s) and/or the overall condition of the tank, the leaky tank may be completely removed and repaired or replaced.
- The good tank will be pumped down below the equalization line when it is time to connect and place the repaired tank back into service.



### NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

)

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

August 21, 1996

### CERTIFIED MAIL RETURN RECEIPT NO. P-288-258-601

Mr. John Sterrett Consultant Engineer El Paso Field Services (EPFS) P.O. Box 4990 Farmington, NM 87499

RE: Extension Request GW-211, Largo Compressor Station Rio Arriba County, NM

Dear Mr. Sterrett:

The New Mexico Oil Conservation Division (OCD) has received the EPFS letter dated August 15, 1996 requesting an extension to submit information regarding the OCD inspection report dated June 21, 1996, for the Largo Compressor Station GW-211.

The extension request is hereby approved and will expire on September 21, 1996.

Note, that OCD approval does not relieve EPFS of liability should EPFS operation's result in contamination of surface waters, ground waters or the environment.

Sincerely,

Patricio W. Sanchez Petroleum Engineer, Environmental Bureau

XC: Mr. Denny Foust - Environmental Geologist

### P 288 258 601

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Mr. Patricio Sanchez New Mexico Oil Conservation Division 2040 S. Pacheco Street Santa Fe, NM 87504

### Re: **Discharge Plan Inspection GW-211** Largo Compressor Station San Juan County, New Mexico

August 15, 1996

RECEIVED

AUG 1 9 1996

Environmental Bureau

Per our telephone conversation on August 13, El Paso Field Services Company requests an extension to mid September to respond to the items in the June 21, 1996 letter from Mr. Chris Eustice regarding compliance with discharge plan conditions of approval as issued August 24, 1995 for the Largo Compressor Station.

If you have any questions, please call me at (505) 599-2175.

cc: Denny Foust - NMOCD S.Miller/D.Bays/R.Cosby/File: Largo Plant Regulatory B. Armenta/Z. Schultz R. Jones

John S. Sterrett Consultant Engineer

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

June 21, 1996

### CERTIFIED MAIL RETURN RECEIPT NO. P-176-013-152

Mr. Patrick Marquez El Paso Field Services Company P.O. Box 4990 Farmington, New Mexico 87499-4990

RE: Discharge Plan Inspection GW-211 Largo Compressor Station San Juan County, New Mexico

Dear Mr. Marquez:

On April 17, 1996 the New Mexico Oil Conservation Division inspected the above referenced facility for compliance with discharge plan conditions of approval as issued August 24, 1995. Based upon that inspection, please provide the New Mexico Oil Conservation Division Santa Fe Office with the following:

1. The referenced facility has experienced repeated problems with engine restart resulting in liquid hydrocarbons being blow out the top of the emergency shut down stack resulting in contamination of the soils surrounding the stack. Provide a plan to prevent the liquid hydrocarbons from being discharged out the top of the stack onto the ground surface.

2. Provide a work plan addressing the clean up of the associated contaminated soils.

3. Provide a plan and schedule for the berming of the TEG tanks to contain one and onethird the capacity of the largest tank within the berm.

- 4. The fluid level in the leak detection system for the double lined evaporation pond indicates a leak may be present in the primary liner of the pond. The fluids will be immediately and continuously pumped from the leak detection system into the pond. El Paso Field Services Company will determine the location of the leaks and provide a work plan, within 60 days from receipt of this letter, to remedy any leaks and associated problems.
- 5. Oil was noted floating on top of the water in the evaporation pond. Provide an inspection plan to ensure this problem is not repeated.

Mr. Patrick Marquez June 21, 1996 Pg. 2

6. The tank battery located in the northwest portion of the facility shows evidence of repeated blow over and spillage within the berm. Provide the New Mexico Oil Conservation Division Santa Fe Office with a work plan and schedule to determine the extent and clean up of the associated contamination within the berm.

Please provide the above requested information by July 21, 1996.

If you have any questions contact me at (505) 827-7153.

Sincerely, **Chris Eustice** 

Geologist

xc: New Mexico Oil Conservation Division Aztec Office

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### AFFIDAVIT OF PUBLICATION

No. 35086

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, July 27, 1995

and the cost of publication was: \$102.97

that

On **Charles** ROBERT LOVETT appeared before me, whom I know personally to be the person who signed the above document.

My Commission Expires March 21, 1998



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) 827-8177:

(GW-211) - El Paso Natural Gas Company, David Bays, Senior Environmental Scientist, P.O. Box 4990, Farmington, New Mexico 87499, has submitted a discharge plan application for their Largo Plant Compressor Station located in Section 15, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 115 gallons per day of process wastewater with total dissolved solids concentration of approximately 3500 mg/l is stored in an above grade, closed top steel tank prior to offsite disposal at an OCD approved facility. Groundwater most likely to

be affected in the event of an accidental discharge is at a depth of approximately 255 feet with a total dissolved solids concentration of approximately 542 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-212) - El Paso Natural Gas Company, David Bays, Senior Environmental Scientist, P.O. Box 4990, Farmington, New Mexico 87499, has submitted a discharge plan application for their Ballard Plant Compressor Station located in the SE/4 NE/4 and the NE/4 SE/4 of Section 26, Township 26 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with total dissolved solids concentration of approximately 3500 mg/l is stored in an above grade, closed top steel tank prior to offsite disposal at an OCD approved facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 440 feet with a total dissolved solids concentration of approximately 820 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-213) - Llano, Inc., Ed Sioman, 921 West Sanger, Hobbs, New Mexico 88240, has submitted a discharge plan application for their Strata Compressor Station located in the NE/4 NE/4 of Section 22, Township 23 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 is at a depth of approximately 236 feet with a total dissolved solids concentration of approximate-

ly 1253 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-214) - POOL Company, Mr. Timothy Parker, (505)-393-5161, P.O. BOX 1198, Hobbs, NM, 88240-1198 has submitted a Discharge plan application for their Hobbs facility located in the SW/4 SW/4, Section 36, Township 18 South, Range 37 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 65 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and 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 Division at Santa Fe, New Mexico, on this 20th day of July, 1995.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

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



SEAL

Legal No. 35086 published in The Daily Times, Farmington, New Mexico, Thursday, July 27, 1995.

ß E W STATE OF NEW MEXICO E County of Bernalillo SS NIG - 7 1995 Bill Tafoya being duly sworn declares and says that he is Classified Advertising manager of The Albuquerque Journal and the with Octospaper 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, \_times, the first publication being of the \_<u>`ch` \</u>day for 1995, and the subsequent consecutive publications of 1995 on <u>a</u> Sworn and subscribed to before me, a notary Public in CHERIAL JEAN. oreina Duncan and for the County of Bernalillo and State of New MAPY PUPPI IC Mexico, this\_ day of N995 T NEW MEYE My Commission Expires. (GW-214) = POOL Com (214) = POOL Company, Timothy Parker, (505)-6161, P.O. BOX 1198, be NM, 88210-1198 has PRICE Statement to come at end of month. 1260 plari obbe d a Diech トリンバモン the SW/4 SW/A 18, 6 CLA-22-A (R-1/93) ACCOUNT NUMBER  $\sum \Theta$ 

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NOTICE OF PUBLICATION ENERGY, MINERALS AND NATURAL RESOURCES

NATURAL NESOURCES DEPARTMENT OIL CONSERVATION DWISION Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulation, the

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ington, New Mexico 87499, has submitted a discharge

plan application for their Largo Plant Compressor

Station located in Section (5, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 115 gallons

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Journal: July 27, 1995.-

### NOTICE OF PUBLICATION

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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 Division at Santa Fe, New Mexico, on this 20th day of July, 1995.

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

SEAL



P. O. Box 4990 FARMINGTON, NM 87499 PHONE: 505-599-2202

July 14, 1995

Certified Mail Return Receipt Number P 645 521 861

William L. LeMay, Director New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe, NM 87505

Re: New Discharge Plan  $G \omega - 2 \pi$ Largo Plant Rio Arriba County, NM

Dear Mr. LeMay:

El Paso Natural Gas Company is proposing to construct a new compressor station to replace the existing "grandfathered" Largo Plant. The new station will consist of two reciprocating engine and compressor units along with normal ancillary station equipment. We currently anticipate that the new station will go on line on October 27, 1995. The existing facility will be dismantled following start up of the new units. A site investigation/remediation plan for the removal of the old station is being developed, and will be submitted under a separate cover.

I have enclosed two copies of the Discharge Plan application for the new facility, along with a check for the required \$50.00 filing fee. An additional copy of the application has been forwarded to the OCD district office in Aztec, NM under a separate cover.

For any additional information needed, please contact me at the above address, or at (505) 599-2256.

Sincerely yours,

Jauil Bay

David Bays, REM Sr. Environmental Scientist

cc: Mr. Denny Foust - NMOCD, Aztec

File Copy Gw-211



# EL PASO NATURAL GAS COMPANY LARGO PLANT DISCHARGE PLAN

JULY 1995

Prepared for:

## NEW MEXICO OIL CONSERVATION DIVISION

## 2040 S. Pacheco

## Santa Fe, New Mexico 87505

El Paso Natural Gas Company 100 N. Stanton El Paso, Texas 79901 (915) 541-2600 This Discharge Plan has been prepared in accordance with Oil Conservation Division "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants."

### I. Type of Operation

El Paso Natural Gas Company (EPNG) proposes to install two 3335 Horsepower (site rated 3100 Horsepower each) Caterpillar G3612 reciprocating engines equipped with Ariel compressors. The units will compress approximately 30 MMSCFD of natural gas from low pressure San Juan Field lines 100 psig design pressure) to an existing line (16" 260 psig design pressure). The site is located approximately 30 miles south of Blanco, New Mexico.

El Paso Natural Gas Company is the owner and will operate the compressor facility.

### **II.** Operator/Legally Responsible Party and Local Representative

Legally Responsible Party:	Hugh A. Shaffer					
	Vice President, Operations and Engineering					
	El Paso Natural Gas Company					
	100N. Stanton					
	El Paso, TX 79901					
	(915) 541-2600					

Local Representative:	Ms. Sandra D. Miller
	Superintendent, Environmental Compliance
	El Paso Natural Gas Company
	614 Reilly Ave.
	Farmington, NM 87401
	(505) 599-2141
	(24 hour) (505) 325-2841

Station Operator:	El Paso Natural Gas Company					
	614 Reilly Ave.					
	Farmington, NM 87401					
	(505) 325-2841					

### **III.** Location of Facility

The facility is located in Sec. 15, T26N, R7W, in Rio Arriba County. A topographic map is under Tab A. The Largo Plant is located approximately 30 miles south of Hwy. 64 on CR 4450, approximately 30 miles south of Blanco, New Mexico.

IV.	Landowner	El Paso Natural Gas Company
		100N. Stanton
		El Paso, TX 79901
		(915) 541-2600

### V. Facility Description

A plot plan of the facility indicating location of fences, gates, foundations, and equipment on the facility is attached at Tab B.

### VI. Sources, and Quantities of Effluent

A. Equipment

### Main Gas Separator-Scrubber

A two phase inlet separator will separate the gas and liquids. A mixture of hydrocarbons and water will discharge to a 210 bbl. Hydrocarbon Liquids Tank located outside the station fence. This 210 bbl. tank is one of a battery of six produced liquids storage tanks operated by the field district. A maximum of approximately 100 barrels per year will be discharged into this tank. The exact volume of liquids will vary depending upon quality of the gas.

### Gas Compressor Suction Scrubber

The Gas Compressor Suction Scrubber is a secondary scrubber contained on each of the two the Engine/Compressor skids, and installed downstream from the Main Gas Separators. Liquids removed by these vessels will be discharged to the Hydrocarbon Liquids Tank. The expected quantity of liquids to be discharged is thought to be negligible.

### Engine/Compressor

Two 3335 HP (site rated at 3100 HP) engine driven compressors will be installed on the site. The compressor/engines are mounted on a common skid to be installed on a concrete foundation one foot above grade. The skids are constructed to contain incidental drips, packing seal leaks, spills and rain water, which are drained to a 160 bbl. Oily Water Tank. The 160 bbl. tank is a double walled steel below grade and is equipped with inspection ports to check for leaks in the inner tank. A 210 gallon elevated lubricating makeup oil tanks is built into each of the two compressor skids. Any leaks or spills from the oil storage tanks will drain through the compressor skid drains into the 160 bbl. tank. No discharge of waste oil is anticipated.

### Compressor Discharge Separator-Scrubber

A Separator-Scrubber will be installed on the station discharge to remove oil and water from the compressed gas. Approximately 120 bbl. per year will be discharged into the Hydrocarbon Liquids Tank from this scrubber.

### Fuel Gas Filter/Separator

Fuel will be supplied from the compressor discharge line. A fuel gas filter/separator will be installed at the inlet of the fuel gas line. Separated liquids will be discharged to the Hydrocarbon Liquids Tank. The volume of liquid from the fuel gas filter is expected to be very small. Approximately 120 gallons per year of a mixture of hydrocarbons and water will be discharged into the Hydrocarbon Liquids Tank.

### Gas Dehydrator

The facility will have installed a dehydration unit along with four (4) contact towers. The dehydration unit will have a 100 bbl. steel aboveground tank for storage of triethylene glycol, and a 500 gallon steel aboveground surge tank. Approximately 2 barrels per day of condensed water and hydrocarbons will drain into the tank. Overhead condensate from the dehydrator will drain into a 160 bbl. double walled steel below grade Dehydrator Condensate Tank.

B. Lubricating Oil, Waste Lubricating Oil and Used Engine Oil Filters

One compressor oil filter will be replaced every month. Three engine oil filters will be replaced every month. The engine oil filters will be allowed to completely drain prior to disposal at the Crouch Mesa Landfill.

The fuel gas filter will be replaced as needed depending on the quality of the gas. The fuel gas filter will be allowed to drain and will be completely free of any liquids prior to disposal at the Crouch Mesa Landfill.

C. Vessel Summary

1) Hydrocarbon Liquids Tank - Approximately 500 gallons of oil and water per year

2) Oily Water Tank - Only incidental oil and water from spills on the compressor skid and rain water

3) Dehydrator Condensate Tank - Approximately 2 gallons of hydrocarbons and water per day

### D. Engine Cooling Water

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A mixture of ethylene glycol and water will be used as cooling water. If it is necessary to drain the cooling water system for maintenance or repairs, the cooling water will be drained into steel drums or a small tank mounted on a pickup truck. After maintenance and/or repairs, the cooling water will be placed back into the cooling system. As this is a closed system, no operational discharge is expected.

### VII. Transfer and Storage of Process Fluids and Effluent

### A. Summary Information

Source	Onsite Collection
Main Gas Separator-Scrubber	210 bbl. Hydrocarbon Liquids Tank
Gas Compressor Suction Scrubber	210 bbl. Hydrocarbon Liquids Tank
Engine/Compressor Skid Drains	160 bbl. Oily Water Tank
Compressor Discharge Separator Scrubber	210 bbl. Hydrocarbon Liquids Tank
Fuel Gas Filter Separator	210 bbl. Hydrocarbon Liquids Tank
Dehydrator and Contact Tower	160 bbl. Dehydrator Condensate Tank

B. Water and Wastewater Schematic

The plot plan at Tab B indicates the location of the wastewater system components.

### C. Specifications

Pipelines - All wastewater piping to both the 210 bbl. Hydrocarbon Liquids Tank and the 160 bbl. Oily-Water Tank are below ground.

### D. Fluids Disposal and Storage Tanks

The hydrocarbons from the 210 bbl. tank and the 160 bbl. tanks will be recycled. The contents of the tanks will be hauled to the Kutz Separator located at the EPNG Blanco Plant. The water fraction from the tanks will be separated and discharged into a lined pond. The oil fraction will be taken to an oil recycler. Additional information is provided in the Effluent Disposal Section below.

E. Prevention of Unintentional and Inadvertent Discharges

All storage tanks for fluids other than fresh water are bermed to contain a volume one-third greater than the tank contents. All above ground tanks will be placed on a gravel pad or placed on an elevated stand so that leaks can be visually detected. The below grade tank is doubled walled steel and will have the interstitial area visually inspected monthly.

There will be no chemical or drum storage area. Drums utilized to contain engine cooling water, or waste oil will be removed from the site at the end of each working day. A copy of the Material Safety Data Sheets for ethylene glycol, triethylene glycol, and lubricating oil are under Tab D.

F. Underground Pipelines

All wastewater underground piping carrying waste liquids will be hydrostatically tested at a minimum of three pounds over operating pressure for a minimum of four hours.

### VIII. Effluent Disposal

### Offsite Disposal

All liquids from this site will be handled in accordance with OCD and NMED regulations. Liquids from this site are expected to be discharged into three tanks. All liquids will be removed from the site by EPNG personnel. All effluent will be recycled if possible.

EPNG will be responsible for liquids disposal from the 210 bbl. tank and the 160 bbl. tanks, using the following hauling/disposal contracts:

or

Oil Hauling Agent:

Three Rivers Trucking 603 E. Murray Drive Farmington, NM 87401 (505) 325-8017

Water Hauling Agent:

Three Rivers Trucking 603 E. Murray Drive Farmington, NM 87401 (505) 325-8017

and Final Disposal: Oil: Hay Hot Oil, Inc. P.O. Box 2 Cortez, CO 81321 (303) 565-8637 Chief Transport Co. 604 West Piñon Farmington, NM 87401 (505) 325-2396

or Chief Transport Co. 604 West Pinyin Farmington, NM 87401 (505) 325-2396

> Water: Kutz Separator Bloomfield, NM

The oil and water is sent to EPNG's Kutz Separator, located approximately 1-1/2 miles north of Bloomfield, NM on Highway 44, then approximately 1 mile east on County Road 4900. The oil and water are separated at this facility and the water is placed into an evaporation pond. The oil fraction is sent to Hay Hot Oil, Inc. Hay Hot Oil, Inc. has a recycling facility located at 24280 Road G.3 in Cortez, CO 81321.



### IX. Inspection, Maintenance and Reporting

The site will be visited regularly by EPNG employees. The inlet separator area, filter separators, dehydration area, compressor area, and all storage tanks will be checked routinely for leaks or spills.

### X. Spill/Leak Prevention and Reporting (Contingency Plans)

The compressor site will be graded and bermed so that precipitation and runoff does not cause water to enter or leave the process areas.

The 210 bbl. tank and the 160 bbl. tanks will be set according to OCD guidelines so that the tanks can be inspected visually to detect leaks.

Since the site will be visited on a regular basis by EPNG personnel, any leaks, spills, and or drips will be identified. Regular scheduled maintenance procedures will also help to assure that the equipment remains functional and thus the possibility of spills or leaks is further minimized. The inspectors will notify EPNG Compliance upon discovery of any leaks which result in any soil contamination.

Leaks, spills, and drips will be handled in accordance with OCD Rule 116 as follows:

- A) Small spills will be absorbed with soil and shoveled into drums for off-site disposal. If the soil is an "exempt" waste, the soil will be disposed at Envirotech or other OCD approved landfarm facility. If the soil is an "nonexempt" waste the soil will be characterized and disposed according to the analytical profile.
- B) Large spills will be contained with temporary berms. Free liquids will be pumped out by a vacuum truck. Any hydrocarbon liquids will be recycled.
  Any contaminated soil will be disposed of as discussed in the paragraph above.
- C) Verbal and written notification of leaks or spills will be made to OCD in accordance with Rule 116, and New Mexico Water Quality Control Commission Regulation 1-203.
- D) All areas identified during operations as susceptible to leaks or spills will be bermed or otherwise contained to prevent the discharge of effluent.
- E) EPNG personnel will carry oil absorbent booms in their trucks. The booms will be used as needed to contain any spills or leaks. The booms will be disposed of according to OCD and NMED guidelines.

### XI. SITE CHARACTERIZATION

The Largo Compressor Station is located in the San Juan River drainage Basin, and within the northwest portion of the San Juan structural basin. Topographic relief within 1 mile of the site is about 816 feet with elevations from 6923 to 6107 feet above sea level. The elevation of the plant is 6500 feet above sea level. The average annual precipitation is 10 to 12 inches. The area around the station is characterized by valley-fill and terrace deposits. The area supports native grasses and small shrubs.

### **GEOMORPHOLOGY AND SOILS**

The compressor station is located at the base of a cliff on the debris skirt of the adjacent mesa. The plant is located at the intersection of the Palluche Canyon and the Little Palluche Canyon with Largo Canyon. The surface slopes from about 0 to 90 percent from the highest point, 6500 feet at the compressor site to 6923 feet to the south of the plant site. Major soil associations in the area of the compressor site include the Argiboroll association, the Travessilla-Rock Land association, and the Del Rio-Silver association (USSCS, 1977). According to the USSCS, 1977 the plant sits on the Argiboroll soil association. The Argiboroll association consists of materials weathered from sedimentary rocks, principally sandstone and shale.

### **REGIONAL GEOLOGY**

The compressor station is located within the east-central part of the San Juan Basin. The deepest portion of the basin contains up to 15,000 feet of Paleozoic and Mesozoic sediments (Fassett and Hinds, 1971). Tertiary and Holocene age rocks crop out in the immediate vicinity of the compressor site.

### LOCAL GEOLOGY

The Largo Compressor Station is located in an arroyo where Quaternary alluvium overlies the Tertiary San Jose Formation. There are two EPNG water wells located within one mile of the Station (See Table 1). The attached drillers logs for these wells report that 365 feet of sand clay, shale and minor sandstone were encountered. Stone et. al, (1983) reports that the EPNG wells were completed in the San Jose Formation.

### HYDROLOGY AND GROUNDWATER QUALITY

Local Groundwater Hydrology and Quality

According to topographic maps published by New Mexico Oil Conservation Division to support "Vulnerable Area Order", R-7940-C, the Largo Compressor Station is located in the expanded vulnerable zone, possibly overlying an alluvial aquifer.

Records available at the State Engineers Office and Stone et. al (1983) indicate 4 water wells within one mile of the compressor station (Topographic map). These wells are used for both stock and domestic uses. There are no springs located within one mile of the plant site.

Two of these wells were drilled by EPNG between May and June of 1957. These wells were drilled into the San Jose Formation to depths between 335 and 365 feet.

EPNG Well #1, is located in Largo Canon. This well is completed in the San Jose Formation and is screened between 170 and 365 feet, in the San Jose Formation and supplies the potable water for the Largo Compressor Station. This well was originally screened between 255 and 325 feet, but due to unknown damage it was re-drilled and re-fitted with the new screen. The aquifer appears to be confined, because the principle water bearing strata is at a depth of 255 feet, and the static water level is reported to be 26 feet below the ground surface. The drill log also shows 55 feet of shale and chert above the water bearing sand layer which could serve as a confining layer. The total dissolved solids reported from this aquifer was 542 ppm on 07-12-1982.

EPNG Well #2, is located in Palluche Canyon. This well is screened between 169 and 335 feet, in the San Jose Formation and is not currently in service, but could be placed in operation after some repair work, should the need arise. The aquifer appears to be confined, because the principle water bearing strata is at a depth of 230 feet, and the static water level is reported to be 22 feet below the ground surface. The drill log also shows 123 feet of shale above the water bearing sand layer which could serve to confine the aquifer. The total dissolved solids reported for this aquifer was 500 ppm on 07-12-1982.

The other two wells are privately owned wells used for both stock and domestic use by Richard Boyd. These wells are located approximately 2,750 and 3,500 feet southwest and upgradient (SE/4, SE/4, NW/4 and NE/4, NE/4, SW/4 of Sec 15, T-26-N, R-7-W) of the Largo Plant in Palluche Canyon.

The local alluvial groundwater flow appears to move in a easterly direction down Largo Canyon. The potable aquifer most likely to be affected is the San Jose. The plant gets its drinking water from this aquifer at a depth of 170 feet below the surface. Regional flow direction in the San Jose in the general vicinity of the plant is toward the northeast.

SURFACE WATER HYDROLOGY AND FLOODING POTENTIAL

The Largo Compressor Station is located at the confluence of Palluche Canyon and Little Palluche Canyon with Largo Canon. There are no permanent surface waters in the immediate vicinity of the plant. Surface water drainage at the plant is to the north, in the direction of Largo Canon. Largo Canon drains approximately 300 square miles and discharges into the San Juan River east of Bloomfield, NM. Palluche Canyon is an ephemeral stream located immediately west of the plant that flows from south to north into Largo Canyon. Little Palluche Canyon is an ephemeral stream located immediately east of the plant that flows from north to south into Largo Canyon. Largo Canyon is the main ephemeral stream that flows southeast to northwest and eventually into the San Juan River that is located approximately 22 miles away. The plant is located near an ephemeral stream there is a potential of flooding from severe thunderstorms in the area. Berms are placed around all tanks to prevent contamination of surface water by run-off from the plant site.

Table 1. EPNG water wells within one mile of Largo Station.

Name	Location	Screen Interval	
EPNG water well #1	NE/4, NW/4, SE/4, Sec 15, T26N, R7W	170'-365'	
EPNG water well #2	SW/4, NE/4, SE/4, Sec 15, T26N, R7W	169'-335'	

### **References Cited**

Fasset, J.E. and J.S. Hinds, 1971, <u>Geology and Fuel Resources of the Fruitland Formation</u> and Kirkland Shale of the San Juan Basin, New Mexico and Colorado. USGS Professional Paper 676.

Geological Map of New Mexico, United States Geological Survey, 1985.

- Geological Map of the Aztec 1° x 2° Quadrangle Northwestern New Mexico and Southern Colorado. USGS Miscellaneous Investigation Service, 1987.
- Soil Associations and Land Classification for Irrigation, Rio Arriba County. New Mexico State University, 1973. Agricultural Experiment Station, Research Report 254.
- Stone, W.J., F.P. Lyford, P.F. Frenzel, N.H. Mizell, and E.T. Padgett, <u>Hydrology and Water Resources of San Juan Basin</u>, <u>New Mexico</u>. New Mexico Bureau of mines and Mineral Resources, Hydraulic Report 6, 1983.
- White, W.E., Kues, G.E., <u>Inventory of Springs in the state of New Mexico</u>, United States Geological Survey, 1992.

### XIII. Affirmation

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

and Bay

David Bays, REM Sr. Environmental Scientist

Date: July 7, 1995





MESOZOIC AND CENOZOIC STRATIGRAPHY SOUTH CENTRAL SAN JUAN BASIN (After Thorn et. al., 1990)										
C E N O Z O I C	QUARTERNARY	Alluvium								
	TERTIARY	San Jose Formation Nacimiento Formation Ojo Alamo Formation								
M E S O Z O I C	CRETACEOUS	Kirtland Shale Fruitland Formation Pictured Cliffs Sandstone Lewis Shale Mesaverde Group Mancos Shale Dakota Sandstone								
	JURASSIC	Morrison Formation Wanakah Formation Entrada Sandstone								
	TRIASSIC	Chinle Formation								

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EL PASO NATURAL GAS

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ETHYLENE GLYCOL

#### MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ETHYLENE GLYCOL

SECTION I MATERIAL IDENTIFICATION MATERIAL NAME: Ethylene Glycol DATE ISSUED: / / EPNG MSDS NO: 01433 LAST REVISED DATE: 11/01/1977 PRODUCT ITEM NO: 0062246 OTHER DESIGNATIONS: Glycol, 1,2-Ethanediol, HOCH2CH2OH, ASTM D2693, GE Material D5B38 MANUFACTURER NAME: AVAILABLE FORM MANY SECTION II INGREDIENTS AND HAZARDS ADDRESS: SUPPLIERS HAZARD DATA INGREDIENT Ł EMERGENCY TELEPHONE: ( ) CITY: ca 100 Vapor\* Ethylene Glycol 24 HOUR TELEPHONE: ( STATE: ZIP: ) TLV 100 ppm or 260 mg/m3 REACTIVITY: NFPA HEALTH: FIRE: Particulate\* CERCLA HEALTH: FIRE: REACTIVITY: PERSISTENCE: TLV 10 mg/m3 Human, oral LdLo TRADE SECRET: N MOLECULAR FORMULA: NA 1.5 g/kgTIER II REPORTABLE: MOLECULAR WEIGHT: NA \* ACGIH (1977) TLV, no OSHA TLV established BOILING POINT: 387 F (197 C) EVAPORATION RATE: 1 VAPOR PRESSURE: @20C, MMHG:0.06 MELTING POINT: NA SECTION III PHYSICAL DATA SPECIFIC GRAVITY: 0.000 VISCOSITY: NA BOILING POINT, 1 atm, deg F (c) 387 (197) WATER SOLUBILITY: COMPLETE VAPOR DENSITY: 2.1 SPECIFIC GRAVITY (H2O=1): 1.12 VAPOR PRESSURE @ 20C, mm Hg: 0.06 METHOD: TCC FLASH POINT : 232 F EVAPORATION RATE (CC1=1): 1 LEL: 3.2 UEL: 15.3 AUTOIGNITION : 775 F VAPOR DENSITY (Air=1): 2.1 REFRACTIVE INDEX AT 25C: 1.430 SOLUBILITY IN WATER @ 20C: Complete SOLID: PURE: MIX: LIOUID: Y GAS: PHYSICAL FORMS FREEZING POINT, Deg C: 12.7 MOLECULAR WEIGHT: 62.08 APPEARANCE AND ODOR: Colorless, odorless, sweet-tastign liquid. **REMARKS**: (Poisonous !). SECTION IV FIRE AND EXPLOSION DATA FLASH POINT AND METHOD: 232 (TCC) PRODUCT SYNONYMS AUTOIGNITION TEMP.: 775 F LEL: 3.2 N/A \*\*\*\* N/A \*\*\*\* UEL: 15.3 EXTINGUISHING MEDIA: CO2, WATER, DRY CHEMICAL or ALCOHOL FOAM (especially for large fires). Cool fire-exposed containers with water. Spills may be flushed and diluted with water to reduce flammability. Ethylene glycol, when heated or misted into the air, becomes a moderate fire and explosion hazard.

SECTION V REACTIVITY DATA Ethylene glycol may react with oxidizing agents.



PRODUCT NAME: ETHYLENE GLYCOL

Ignition in air will generate oxides of carbon and nitrogen. Ethylene glycol is hygroscopic.

SECTION VI HEALTH AND HAZARD INFORMATION Inhalation of high ethylene glycol concentrations produces symptoms similar to ethyl alcohol intoxication; pulmonary edema may also develop. The single lethal oral dose for humans is about 3-4 ounces or about 1.4 ml/kg. Sub-lethal ingestion can produce intoxication and coma. (Chronic feeding of ethylene glycol to rats - about 10% of the lethal dosage in daily diet for two years - shortened the life span and damaged kidney, bladder, and liver). Eye contact may cause discomfort. Skin contact may produce mild irritation, with some absorption through the skin possible from prolonged contact.

FIRST AID

INHALATION: Remove victim to fresh air. Get medical attention.

EYE CONTACT: Wash with plenty of running water for 10 minutes. Get medical attention.

SKIN CONTACT: Rinse off with water; then wash area with soap and water.

INGESITON: Give 3 glasses fo milk or water and induce vomiting at once ! Get medical attention.

SECTION VII SPILL, LEAK, AND DISPOSAL PROCEDURES Notify safety personnel. Provide adequate ventilation. (Normal ventilation may be satisfactory if liquid is at room temperature and not misted into the air). Those handling spill emergencise should use proper protective equipment. Recover as much spilled material as feasible for disposal. Wash residue or small spills to the sewer with copious water. Large quantities of liquids may be disposed of by mixing with more flammable solvents and atomizing into an incinerator.

SECTION VIII SPECIAL PROTECTION INFORMATION When ethylene glycol is heated, or agitated, or sprayed, proper exhaust hoods with 100 lfm face velocities should be used. Rubber gloves should be worn to prevent skin contact. Safety glasses or goggles should be worn in areas of use where splashing is possible. Eye wash stations should be available.

SECTION IX SPECIAL PRECAUTIONS AND COMMENTS DO NOT TAKE INTERNALLY ! Heated and agitated solutions should have EL PASO NATURAL GAS

#### MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ETHYLENE GLYCOL

proper exhaust ventilation of area to prevent inhalation liquid particles and vapors.

PRODUCT NAME: TRIETHYLENE GLYCOL - TECHNICAL

EPNG MSDS NO: 00037 PRODUCT ITEM NO: 0012076 EL PASO NATURAL GAS

#### MATERIAL SAFETY DATA SHEET

PRODUCT NAME: TRIETHYLENE GLYCOL - TECHNICAL

N/A

SECTION I MATERIAL IDENTIFICATION

SECTION II INGREDIENTS AND HAZARDS ethylene glycol CAS # 000112-27-6 998

s document is prepared pursuant to the OSHA Hazard Communication indard (29 CFR 1910.1200). In addition, other substances not zardous' per this OSHA Standard may be listed. Where proprietary predient shows, the identity may be made available as provided in is standard.

SECTION III PHYSICAL DATA ling Point: 545.9F; 286C or Pressure: <1.0 mmHq @ 20C oor Density: 5.18 . in Water: Completely miscible Gravity: 1.1 @ 25/25C earance and Odor: Colorless liquid; mild odor.

SECTION IV FIRE AND EXPLOSION DATA sh Point: 350F; 177C hod Used: PMCC mmable Limits : 0.9% J: 9.2% inquishing Media: Water fog, alcohol resistant foam, CO2, dry mical. e Fighting Equipment: Wear positive pressure self-contained athing apparatus.

SECTION V REACTIVITY DATA

bility: (Conditions to Avoid) Will ignite in air at 700F.

compatibility: (Specific Materials to Avoid) Oxidizing material.

ardous Decomposition Products: Burning produces normal products combusiton, including carbon monoxide, carbon dioxide, and water.

Hazardous Polymerization: Will not occur.

SECTION VI HEALTH AND HAZARD INFORMATION Eye: Essentially nonirritating to eyes. Skin Contact: Prolonged or repeated exposure may cause skin irritation. May cause more severe response if skin is abraded (scratched or cut). Skin Absorption: A single prolonged exposure is not likely to result

MANUFACTURER	Tri
NAME: DOW CHEMICAL USA ADDRESS:	Thi
	Sta
CITY: MIDLAND, EMERGENCY TELEPHONE: (517)636-4400	'Ha
STATE: MI ZIP: 48674 24 HOUR TELEPHONE: ( )	109
	LIII
NFPA HEALTH: 0 FIRE: 0 REACTIVITY: 0	
CERCLA HEALTH: 0 FIRE: 0 REACTIVITI: 0 PERSISTENCE: 0	Boi
NOT ECHILAR FORMULA N/A TRADE SECRET: N	Vap
MOLECULAR FORMULA: N/A TIER II REPORTABLE:	Vap
MOLECULAR WEIGHT: N/A	Sol
DOLLING DOLNT, 545 DE EVADORATION RATE: N/A	Sp.
BUILTING POINT: 545.57 DATE PRESSIRE: <1.0 MMHG @ 20C	App
VIEGOSTY, N/A SPECIFIC GRAVITY: 1.100	
VISCOSTIT: N/A WATER SOLUBILITY: COMPLETELY	
VAFOR DENSITY. 5.10	Fla
FLASH POINT 350 F METHOD: PMCC	Met
LITOIGNITION · N/A LEL: N/A UEL: N/A	Fla
	LFL
	UFL
PHYSICAL FORMS PURE: MIX: LIQUID: Y GAS: SOLID:	Ext
	che
	Fir
REMARKS:	bre
COLORLESS LIQUID; MILD ODOR	
	Sta
PRODUCT SYNONYMS	
	Inc
**** N/A **** **** N/A ****	
	Haz
	of

DATE ISSUED: 06/08/1990

LAST REVISED DATE: / /



PRODUCT NAME: TRIETHYLENE GLYCOL - TECHNICAL

in the material being absorbed through skin in harmful amounts. The dermal LD50 has not been determined.

Ingestion: Single dose oral toxicity is low. The oral LD50 for rats is 16,800-22, 060 mg/kg.

Inhalation: No adverse effects are anticipated from inhalation. Systemic and Other Effects: Based on available data, repeated exposures are not anticipated to cause any significant adverse

effects. Did not cause cancer in long-term animal studies. Birth defects are unlikely. Exposures having no adverse effects on the mother should have no effect on the fetus. In animal studies, has been shown not to interfere with reproduction.

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. Call a physician. NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to the patient.

Handling Precautions:

Exposure Guideline: AIHA WEEL is 10 mg/m3 for polyethylene glycols. Ventilation: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

Respiratory Protection: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. In misty atmospheres, use an approved mist respirator.

Skin Protection: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation. If hands are cut or scratched, use impervious gloves even for brief exposures.

Eye Protection: Use safety glasses.

SECTION VII SPILL, LEAK, AND DISPOSAL PROCEDURES Small spills: Soak up with absorbent material and collect for disposal. Large spills: dike to prevent contamination of waterways, then pump into suitable containers for disposal. Burn in an approved incinerator in accordance with all Local, State and Federal Laws and Regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

N/A

SECTION IX SPECIAL PRECAUTIONS AND COMMENTS Practice reasonable care to avoid exposure.

EL PASO NATURAL GAS

#### MATERIAL SAFETY DATA SHEET

PRODUCT NAME: TRIETHYLENE GLYCOL - TECHNICAL

Trace quantities of ethylene oxide (EO) may be present in this product. While these trace quantities could accumulate in headspace areas of storage and transport vessels, they are not expected to create a condition which will result in EO concentrations greater than 0.5 ppm (8 hour TWA) in the breathing zone of the workplace for appropriate applications. OSHA has established a permissible exposure limit of 1.0 ppm 8 hr TWA for EO.

PRODUCT NAME: NATURAL GAS ENGINE OIL

EPNG MSDS NO: 00403 PRODUCT ITEM NO: 0062150 DATE ISSUED: / / LAST REVISED DATE: 06/21/1993

#### MANUFACTURER

NAME: MOBIL OIL CORPORATION ADDRESS: 3225 GALLOWS ROAD

CITY: FAIRFAX,EMERGENCY TELEPHONE: (609)737-4411STATE: VAZIP: 2203724 HOURTELEPHONE: ( ) -

NFPA HEALTH: FIRE: REACTIVITY: CERCLA HEALTH: FIRE: REACTIVITY: PERSISTENCE:

MOLECULAR FORMULA: NATRADE SECRET: NMOLECULAR WEIGHT: NATIER II REPORTABLE:

BOILING POINT: > 600F (316 C)EVAPORATION RATE: NA<br/>VAPOR PRESSURE: < .1</th>MELTING POINT: NA<br/>VISCOSITY: @ 100C,CS:12.5SPECIFIC GRAVITY: 0.000<br/>WATER SOLUBILITY: NEGILGIBLEFLASH POINT : > 450 F (232 C)METHOD: ASTM D-92

AUTOIGNITION : NA LEL: .6% UEL: 7.0%

PHYSICAL FORMS PURE: MIX: LIQUID: Y GAS: SOLID:

#### REMARKS:

24-HR EMER. CALL COLLECT 609/737-4411; CHEMTREC: (800) 662-4525; PRODUCT AND MSDS INFORMATION: (800) 662-4525

PRODUCT SYNONYMS

\*\*\*\* N/A \*\*\*\*

\*\*\*\* N/A \*\*\*\*

EL PASO NATURAL GAS

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

SECTION I MATERIAL IDENTIFICATION SUPPLIER: MOBIL OIL CORPORATION CHEMCIAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES USE OR DESCRIPTION: NATURAL GAS ENGINE OIL 24-HR. EMERGENCY (CALL COLLECT): (609) 737-4411 CHEMTREC: (800) 424-9300 PRODUCT AND MSDS INFORMATION: (800) 662-4525

SECTION II INGREDIENTS AND HAZARDS

N/A

SECTION III PHYSICAL DATA APPEARANCE: Dark Amber Liquid ODOR: Mild PH: NA VISCOSITY AT 40 C, CS: 124.0 VISCOSTIY AT 100 C, CS: 12.5 FLASH POINT F(C): < 450(232) (ASTM D-92) MELTING POINT F(C): < 450(232) (ASTM D-92) MELTING POINT F(C): > 600(316) RELATIVE DENSITY, 15/4 C: 0.88 SOLUBILITY IN WATER: Negligible VAPOR PRESSURE-mm Hg 20C: < .1

SECTION IV FIRE AND EXPLOSION DATA FLASH POINT F(C): > 450(232) (ASTM D-92)

FLAMMABLE LIMITS. LEL: .6% UEL: 7.0%

EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Dry Chemical and water fog

SPECIAL FIRE FIGHTING PROCEDURES:

Water OR foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. For fires in enclosed areas, firefighters must use selfcontained breathing apparatus. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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

SECTION V REACTIVITY DATA STABILITY (Thermal, Light, etc.): Stable CONDITIONS TO AVOID: Extreme Heat INCOMPATIBILITY (Materials to Avoid): Strong Oxidizers EL PASO NATURAL GAS

#### MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Sulfur Oxides HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI HEALTH AND HAZARD INFORMATION --- INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED ---

THRESHOLD LIMIT VALUE: 5.00 mg/m3 Suggested for Oil Mist EFFECTS OF OVEREXPOSURE: No significant effects expected.

EYE CONTACT: Flush thoroughly with water. If irritation persists, call a physician. SKIN CONTACT: Wash contact areas with soap and water.

INHALATION: Not expected to be a problem.

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

#### 

ORAL TOXICITY (RATS): Practically non-toxic (LD50 greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.

DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). --Based on testing of similar products and/or the components.

INHALATION TOXICITY (RATS): Not applicable --- Harmful concentration of mists and/or vapors are unlikely to be encountered through any customary or reasonably foreseeable handling, use, or misuse of this product.

EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: 0 or greater but 6 or less). -- Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Practically non-irritating (Primary irritation index: 0.5 or less). -- Based on testing of similar products and/or the components.

--- SUBCHRONIC TOXICOLOGY (SUMMARY) ---

EL PASO NATURAL GAS

#### MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

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

--- CHRONIC TOXICOLOGY (SUMMARY) ---

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

SECTION VII SPILL, LEAK, AND DISPOSAL PROCEDURES ENVIRONMENTAL IMPACT: In case of accident or road spill notify CHEMTREC (800) 424-9300. Report spills as required to appropriate authorities. U.S. Cosat Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characterístics at time of disposal.

#### WASTE MANAGEMENT:

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

SECTION VIII SPECIAL PROTECTION INFORMATION EYE PROTECTION: Normal industrial eye protection practices should be employed.

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

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

PRODUCT NAME: NATURAL GAS ENGINE OIL

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

SECTION IX SPECIAL PRECAUTIONS AND COMMENTS No special precautions required.

GOVERNMENTAL INVENTORY STATUS: All components registered in accordance with TSCA and EINECS.

#### DOT:

Shipping Name: Not applicable Hazard Class; Not applicable

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous. RCRA INFORMATION: The unused product, in our opiniou, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitabliity, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated. U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no "EXTREMELY HAZARDOUS SUBSTANCES". SARA (311/312 - FORMERLY 302) REPORTABLE HAZARD CATEGROIES: None This product contains no chemicals reportable under SARA (313) toxic release program.

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

CHEMICAL NAME ZINC (Elemental analysis) (.05) PHOSPHORODITHOIC ACID, 0,0-DI C1										(	CAS #					LIST CITATIONS					
											7440-66-6 68649-42-3					22 22					
	14	i - l ZDI	ALKY DP)	ι ε (.	STE 419	ERS +)	, 1	ZINC S	SALTS REG	(2::) ULA1	1) ГОР	RY LIS	STS SE	ARCI	ł						
	1	=	ACG	IH	ALI	<u>6</u>	~	IARC	1	11	≖	TSCA	4	17	=	CA	P65	22	=	MI	293
	2	Ŧ	ACG	IH	A1	7	≈	IARC	2A	12	=	TSCA	5a2	18	=	CA	RTK	23	=	MN	RTK
	3	=	ACG	IH	A2	8	=	IARC	2B	13	=	TSCA	5e	19	=	$\mathbf{FL}$	RTK	24	=	NJ	RTK
	4	=	NTP	CA	RC	9	~	OSHA	CARC	14	=	TSCA	6	20	=	$\mathbf{IL}$	RTK	25	=	PA	RTK
	5	=	NTP	SU	IS	10	~	OSHA	Z	15	=	TSCA	12b	21	=	LA	RTK	26	=	RI	RTK
										16	=	WHMIS	S								

CARC = CARCINOGEN: SUS = SUSPECTED CARCINOGEN

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

EL PASO NATURAL GAS

#### MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABLIITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABLILTY OF THE PRODUCT. Nothing is itended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procuedures should be provided to handlers an users.

PREPARED BY: MOBIL OIL COPORATION ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT, PRINCETON, NJ

FOR FURTHER INFORMATION CONTACT:

Mobil Oil Corporation, Product Formulation and Quality Control 3225 Gallows Road, Fairfax, VA 22037 (800) 227-0707 X3265





ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

June 30, 1995

### CERTIFIED MAIL RETURN RECEIPT NO. P-176-012-151

Mr. David Bays El Paso Natural Gas Company P.O. Box 4990 Farmington, New Mexico 87499

Re: Facility Closure Plan

Dear Mr. Bays:

The New Mexico Oil Conservation Division (OCD has completed a review of El Paso Natural Gas Company's (EPNG) May, 1995 "**PROPOSED** DEMOLITION PLAN" which was received by the OCD May 15, 1995. This document contains EPNG's plan for closure of six (6) facilities in the San Juan Basin. The six facilities are:

-Angel Peak - 3B-1 --Kutz Plant -Lindrith Plant -Largo-Plant Ballard Plant

The above referenced facility closure plan is approved with the following conditions:

- 1 All soil samples for verification of completion of remedial activities will be sampled and analyzed for benzene, toluene, ethylbenzene, xylene and total petroleum hydrocarbons in accordance with the OCD's "SPILL, LEAK REMEDIATION GUIDELINES".
- 2. EPNG will notify the OCD-Environmental Bureau Chief and the OCD Aztec District Office within 24 hours of the discovery of groundwater contamination related to any facility closure activity.
- 3. For each facility closed, upon completion of all closure activities, EPNG will submit to the OCD for approval a completed closure report which will detail the

Mr. David Bays June 30, 1995 Pg. 2

final results of each facility closure describing all assessments, dirt work, pit closures, and any other associated remedial activity.

- 4. All wastes removed from any of the facilities will be disposed of at an OCD approved facility.
- 5. All original documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec Office.

Please be advised that OCD approval does not relieve EPNG of liability should closure activities determine that contamination exists which is beyond the scope of the work plan or if closure activities fail to adequately remediate contamination related to the facility. In addition, OCD approval does not receive EPNG of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7153.

Sincerely,

Chris Eustice Environmental Geologist

cc: OCD Aztec Office - Denny Foust



 $\bigcirc$ 

P. O. Box 4990 FARMINGTON, NM 87499 PHONE: 505-599-2202

April 6, 1995

Certified Mail Return Receipt Number P 645 521 837

Mr. William L. LeMay, Director New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe, NM 87505

Re: Proposed Demolition Plan

Dear Mr. LeMay:

El Paso Natural Gas Company is constructing six new compressor stations to replace six existing "grandfathered" stations. These station are:

Facility

Estimated Start of Demolition

Angel PeakJune 19, 19953B-1July 3, 1995Kutz PlantJuly 3, 1995Lindrith PlantSeptember 4, 1995Largo PlantSeptember 18, 1995Ballard PlantOctober 9, 1995

A plan for removal and disposition of the existing station is attached. For any additional information needed, please contact me at the above address, or at (505) 599-2256.

"相关法律"中"有关",但你想的情况我们和你是我们的?""相关

Sincerely yours,

il Bay

David Bays, REM ' Sr. Environmental Scientist

cc: w/o attachments Mr. David Hall Ms. Sandra Miller

### EL PASO NATURAL GAS COMPANY COMPRESSOR STATION CLOSURE PLAN

### I. ENGINES, COMPRESSORS. PIPING, AND ANCILLARY STATION EQUIPMENT

All usable station hardware will be either reused by EPNG or sold for reuse in natural gas service. Unusable equipment will be sold as scrap metal.

### II. HAZARDOUS WASTE

EPNG does not anticipate generating any hazardous waste during the demolition project. However, any wastes generated which are determined to be hazardous as defined by EPA and NMED regulations will be disposed of off-site at a properly permitted hazardous waste disposal facility.

### III. SPECIAL WASTE

### A. Insulation

All insulation will be checked to determine presence of asbestos. Any asbestos containing material (ACM) will be disposed of in an approved ACM landfill. Non-asbestos insulation will be disposed of as solid waste.

### B. Used Oil

All used oil will be containerized and transported off-site for recycling. If an oil spill occurs, the contractor will take immediate steps to contain the spill and recover as much free liquid as is possible. Spill notifications will be made in accordance with NMOCD Rule 116.

### C. Used Antifreeze

Glycol based coolants will be reused to the extent possible. If the coolant is not reusable, it will be either recycled or disposed off-site in accordance with OCD regulations.

### D. Oil/Hydrocarbon Contaminated Soil

Presence of oil or hydrocarbon contamination will be determined using a Photoionization Detector (PID). All soils containing oil or hydrocarbons over 100 ppm will remediated in accordance with NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.

### E. Pits, Ponds, or Lagoons

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Pits or ponds (if any) which do not meet current OCD guidelines for leak detection and secondary containment will be closed in accordance with NMOCD Unlined Surface Impoundment Closure Guidelines. For any pits or ponds which require closure and/or remediation, a site specific closure plan will be developed. The site specific plans will address remediation methods and procedures for determining any potential groundwater impact.

### F. Chlorofluorocarbons

If any refrigeration equipment is to be removed, it will first have all freon evacuated for reuse in other similar equipment.

### **IV. BUILDING FOUNDATIONS**

Steel foundation supports and tie downs will be sold as scrap metal. All above ground sections of concrete, including the above grade portions of the compressor building foundations, will be removed or demolished to a depth of 12 inches below grade. The removed and/or demolished concrete will be placed in the existing station basement for on-site burial.

### V. GENERAL DEMOLITION DEBRIS

All non-degradable inert waste (rocks, concrete, etc.) generated by the demolition will be placed in the basement of the existing compressor building for burial on-site. Degradable waste (scrap lumber, vegetation, etc.) will be transported off-site for disposal at an approved public landfill. STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

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#### BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY

### July 21, 1994

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

### CERTIFIED MAIL RETURN RECEIPT NO. P-176-012-237

Mr. Gerry Garibay El Paso Natural Gas Company P.O. Box 1492 El Paso, Texas 79978

### Re: Largo Compressor Station Rio Arriba County, New Mexico

Dear Mr. Garibay:

The Oil Conservation Division (OCD) has received your request dated May 25, 1994 for a 120 day authorization to discharge without an approved discharge plan at the above referenced facility. The Largo Compressor Station is located in the SE/4 of Section 15, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

Pursuant to Section 3-106.A. of the New Mexico Water Quality Control Commission (WQCC) regulations and for good cause shown, El Paso Natural Gas Company (EPNG) is hereby granted an extension for submittal of the previously requested discharge plan application until September 15, 1995. Pursuant to Section 3-106.B. of the WQCC regulations EPNG is hereby granted an extension to discharge at the Largo Compressor Station without an approved discharge plan until December 14, 1995. These extensions are granted to allow EPNG time to design and implement major modifications to the facility.

Please be advised these extensions do not relieve EPNG of liability should their operation result in actual pollution of surface waters, ground waters or the environment actionable under other laws and/or regulations.

Sincerely William J. LeMay Director

xc: Denny Foust, OCD Aztec Office

OIL CONSERVE ON DIVISION RECEIVED



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P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-541-2600

May 25, 1994

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

### Subject: Largo and Lindrith Compressor Stations Discharge Plans

Dear Mr. LeMay:

El Paso Natural Gas Company (EPNG) was requested to prepare discharge plans for the above subject facilities. Largo Compressor Station is located in Section SE15, Township 26 North, Range 7 West, Rio Arriba County, New Mexico. Lindrith Compressor Station is located in Section SW18, Township 24 North, Range 5 West, San Juan County, New Mexico.

Your request to prepare discharge plans for both facilities was received on December 20, 1993. EPNG requested, and was granted, an extension to continue discharging without facility discharge plans through August 20, 1994. Since then, the decision has been made to replace the present facilities with new facilities which are expected to be in service by November 1995. As a result, the plant process will significantly change at both facilities.

Therefore, EPNG is proposing to continue requesting discharge plan extensions for the old facilities and submit discharge plans specifically for the new facilities as required by WQCC Regulation 3-106.B.

By purpose of this letter, EPNG requests approval to continue discharging without facility discharge plans for the existing facilities through December 20, 1994. Should you have questions concerning this matter, please do not hesitate to contact me at (915) 541-5764.

Sincerely,

- Garbay

Gerry Garibay Sr. Environmental Scientist

cc: (Mr. ChristEustice (NMOCD - Santa Fe) Mr. Denny Foust (NMOCD - Aztec) STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

DRUG FRFF 💳

BRUCE KING GOVERNOR February 7, 1994

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

ANITA LOCKWOOD CABINET SECRETARY CERTIFIED MAIL

RETURN RECEIPT NO. P-111-334-081

Mr. Gerry Garibay El Paso Natural Gas Company P.O. Box 1492 El Paso, Texas 79978

### Re: Largo Compressor Station Rio Arriba County, New Mexico

Dear Mr. Garibay:

The Oil Conservation Division (OCD) has received your request dated February 1, 1994 for a 120 day authorization to discharge without an approved discharge plan at the above referenced facility. The Largo Compressor Station is located in the SE/4 of Section 15, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

Pursuant to Section 3-106.B. of the New Mexico Water Quality Control Commission (WQCC) regulations and for good cause shown, El Paso Natural Gas Company (EPNG) is hereby authorized to discharge at the Largo Compressor Station without an approved discharge plan for 120 days. This authorization is granted to allow EPNG time to submit the discharge plan application for the above referenced facility.

Please be advised this authorization does not relieve EPNG of liability should their operation result in actual pollution of surface waters, ground waters or the environment actionable under other laws and/or regulations.

If you have any questions, please feel free to contact Chris Eustice at (505) 827-5824.

Sincerely, on for Wm J. Lemay Uн William J. LeMay Director

WJL/cee xc: Denny Foust, OCD Aztec Office



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P. O. BOX 1492 EL PASO, TEXAS 79978 PHONE: 915-541-2600

February 1, 1994

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

### Subject: Largo and Lindrith Compressor Stations Discharge Plans

Dear Mr. LeMay:

El Paso Natural Gas Company (EPNG) is preparing discharge plans for the above mentioned facilities. Largo Compressor Station is located in Section SE15, Township 26 North, Range 7 West, Rio Arriba County, New Mexico. Lindrith Compressor Station is located in Section SW18, Township 24 North, Range 5 West, San Juan County, New Mexico.

Your request to prepare a discharge plan for both facilities was received on December 20, 1993. EPNG feels it would be impossible to adequately address and submit a discharge plan for both facilities within the allotted 120 days. Therefore, EPNG requests a 120 day extension of the discharge plan requirements, as stated in WQCC Regulations 3-106.B.

Two copies of the discharge plans will be sent to Mr. Chris Eustice in your Santa Fe office. Another copy of the plans will be sent to Mr. Denny Foust in the NMOCD's Aztec office.

Please allow EPNG to continue discharging without facility discharge plans through August 20, 1994. Should you have questions concerning this matter, please do not hesitate to contact me at (915) 541-5764.

Sincerely,

Berry Lanbar

Gerry Garibay Sr. Environmental Scientist

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STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



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BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY December 16, 1993

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

CERTIFIED MAIL RETURN RECEIPT NO. P-176-012-050

Ms. Sandra Miller Sr. Environmental Scientist El Paso Natural Gas Company P. O. Box 4990 Farmington, NM 87499

RE: Discharge Plan Requirement Largo Compressor Station Rio Arriba County, New Mexico

Dear Ms. Miller,

Under the provision of the Water Quality Control Commission (WQCC) Regulations, you are hereby notified that the filing of a discharge plan is required for the Largo Compressor Station located in Section SE15, Township 26 North, Range 7 West, Rio Arriba County, New Mexico.

The notification of discharge plan requirement is pursuant to Section 3-104 and 3-106 of the WQCC regulations. The discharge plan, defined in Section 1.101.P of the WQCC regulations should cover all discharges of effluent or leachate at the plant site or adjacent to the plant site. Included in the plan should be plans for controlling spills and accidental discharges at the facility, including detection of leaks in buried underground tanks and\or piping.

Pursuant to Section 3-106.A, a discharge plan should be submitted for approval to the OCD Director within 120 days of receipt of this letter. Three copies of the discharge plan should be submitted.

A copy of the regulations is enclosed for your convenience. Also enclosed is an OCD guideline for the preparation of discharge plans at compressor stations. The guideline addresses berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes.
Ms. Sandra Miller December 16, 1993 Page 2

The discharge plan is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of thirteen hundred-eighty (1380) dollars for compressor stations with horsepower in excess of 3000 hp. The fifty (50) dollar filing fee is due when the discharge plan is submitted. The flat rate fee is due upon approval of the discharge plan.

Please make all checks payable to: NMED Water Quality Management and addressed to the OCD Santa Fe office.

If there are any questions on this matter, please feel free to contact Bobby Myers at 827-4080 or Chris Eustice at 827-5824.

Sincerely, William J. Leffay Director

WJL/rlm

enclosures

XC: OCD Aztec Office

DISCHARGE PLAN INSPECTION REPORT FOR REFINERIES, GAS PLANTS AND COMPRESSOR STATIONS

rev. 12/93

OPERATOR:	El Paso Natural Gas
FACILITY NAME:	Largo Compressor Station
GW-#:	n/a
TYPE:	natural gas gathering station
LOCATION:	Sect. SE15, T26N, R7W
COUNTY:	Rio Arriba
INSPECTION DATE:	December 8, 1993
INSPECTOR (S):	Bill Olson, Bobby Myers - Santa Fe Denny Foust - Aztec

The inspection was performed to determine the need for a discharge plan at this facility.

## BELOW GRADE

- Tanks: There are no below grade tanks at this facility.
- Sumps: The dehydrator unit has an associated open-top glycol sump which is mostly full of oily water and needs to be drained before it fills and overflows. Also, the below grade sump at the south end of the compressor building has no secondary containment, and thus will need annual mechanical integrity inspections.
- Piping: Basement waste water drain lines flow underground to the basement drain tank. The condensate removed in the dehydration process is pumped underground to drip tanks located off-property at the adjacent pigging station. These lines will need 5-yr inspection requirement with discharge plan.

## CONTAINMENT

- Berms: Dehydrator condensate tank needs 1-1/3 volume berm. Do the two engine oil tanks and the varsol tank need berms also? Containment is needed for the basement drain waste water tank.
- Pad & Curb: The engine oil tanks sit up on a concrete pad; as is, these need curb to contain leaks and spills (see 'Berms' as well). The glycol pumps at the dehydrator unit need

containment to keep glycol off the ground. The antifreeze drums need to be placed on a pad and curb.

## WASTE STREAM

Liquid: The ground area around the engine radiators (outside the compressor buildings) is paved with concrete and a runoff drain. This drain leads to a hole in the ground and EPNG was unsure where it went from here. It should be determined if this leads to the waste water drain tank or is allowed to soak into the ground. Also, EPNG intends to install a leach field in the future for domestic sewer wastes; however, this site is located in a vulnerable area and groundwater may be too close for this to be acceptable (to ED).

Miscellaneous: The pigging station just off-site is operated by another EPNG district (Ojito?). However, two of the six tanks here are used for the drip removed at the Largo CS dehydrator. The waste water tank is a double wall tank. Should the pigging station be included in Largo's DP?

## GENERAL

- Drips: Glycol pumps are dripping and need to be cleaned up. The fin fans currently run off of hydraulic oil pressure and this system is leaking to the ground below. The system is to be replaced with electric motors in the near future so the drips should be cleaned up and contained until modified. Valves on the side of the basement drain waste water tank are leaking. These need to be repaired and the leaks cleaned up.
- Stains: There is staining around the in/out gas lines outside the compressor building, around the above ground storage tank south of the compressor building and around the basement drain waste water tank and adjacent driveway that should be cleaned up. It should be determined if these are problem areas that need some form of containment or just routine housekeeping.

date Dec 15, 1993