

**3R - 229**

# **REPORTS**

**DATE:**

July, 1996

August 20, 1996

Mr. Bill Olson  
New Mexico Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

**RECEIVED**

AUG 20 1996

Environmental Bureau  
Oil Conservation Division

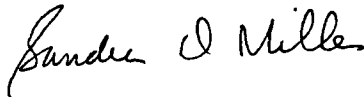
**RE: Production Pit Closure Submittal**

Dear Mr. Olson:

Enclosed herein are data packages for work completed at El Paso Field Services (EPFS) production pit locations where shallow groundwater was encountered during closure operations. The data included within indicate that these sites merit closure per the New Mexico Oil Conservation Division's (NMOCD) Vulnerable Area Orders and EPFS's closure plan submitted to the NMOCD. In front of each data package is a site specific checklist that indicates the work completed at each location. Each checklist is followed by a short summary of the activities and results of data collected to support closure.

Sincerely,

**El Paso Field Services**



Sandra Miller  
Senior Environmental Manager

j:\16297\sm

**SAN JUAN BASIN PIT CLOSURES**  
**San Juan Basin, New Mexico**

**Pit Closure Report**

**July 1996**

**Prepared For**

**El Paso Field Services**  
**Farmington, New Mexico**

**Project 16297**

**PHILIP**  
**ENVIRONMENTAL**

OK

## Closure Checklist

### Meter Code

73003

Summary

Site Map

Site Assessment Sheet



### Phase I Excavation

Yes

closure form

soil analytical results

soil chain-of-custody

groundwater analytical results

groundwater chain-of-custody

bills of lading



### Phase II Soil Boring

NO

boring log

soil analytical results

soil chain-of-custody

well installation form

development form

groundwater analytical

groundwater chain-of-custody



### Phase III Excavation

NO

closure form

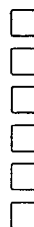
soil analytical results

soil chain-of-custody

groundwater analytical

groundwater chain of-custody

bills of lading



### Recon performed

NO

groundwater analytical

soil-gas analytical



If item boxes are not checked they are not applicable



Environmental Services Group  
Southern Region

**ONA McGee #1**  
**Meter Code 73003**

Pit was excavated to 3 feet beneath ground surface where groundwater was encountered. No hydrocarbon odors were present. Headspace soil readings from pit bottom were 0 parts per million. Denny Foust said to close pit. Soil analytical are as follows; benzene - < 1 mg/kg, total BTEX - 0.1 mg/kg, TPH - 48.7 mg/kg. Analytical results collected from the groundwater in the bottom of the pit were as follows; benzene - <0.5 ug/L, toluene 10 ug/L, ethylbenzene - 2.8 ug/L, and xylenes - 33 ug/l.



# FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 73003 Location: ONA McBEES #1  
 Operator #: \_\_\_\_\_ Operator Name: \_\_\_\_\_ P/L District: KUTZ  
 Coordinates: Letter: P Section 4 Township: 30 Range: 11  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator X Location Drip: \_\_\_\_\_ Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: 12.12.94 Area: 02 Run: 53

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps) Inside ☒ (1) Outside ☐ (2)

Land Type: BLM ☐ (1) State ☐ (2) Fee ☒ (3) Indian \_\_\_\_\_

Depth to Groundwater  
 Less Than 50 Feet (20 points) ☒ (1)  
 50 Ft to 99 Ft (10 points) ☐ (2)  
 Greater Than 100 Ft (0 points) ☐ (3)

Wellhead Protection Area :  
 Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☒ (1) YES (20 points) ☐ (2) NO (0 points)

Horizontal Distance to Surface Water Body  
 Less Than 200 Ft (20 points) ☐ (1)  
 200 Ft to 1000 Ft (10 points) ☒ (2)  
 Greater Than 1000 Ft (0 points) ☐ (3)

Name of Surface Water Body ANIMAS RIVER  
 (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)  
☐ (2) > 100'

TOTAL HAZARD RANKING SCORE: 50 POINTS

REMARKS

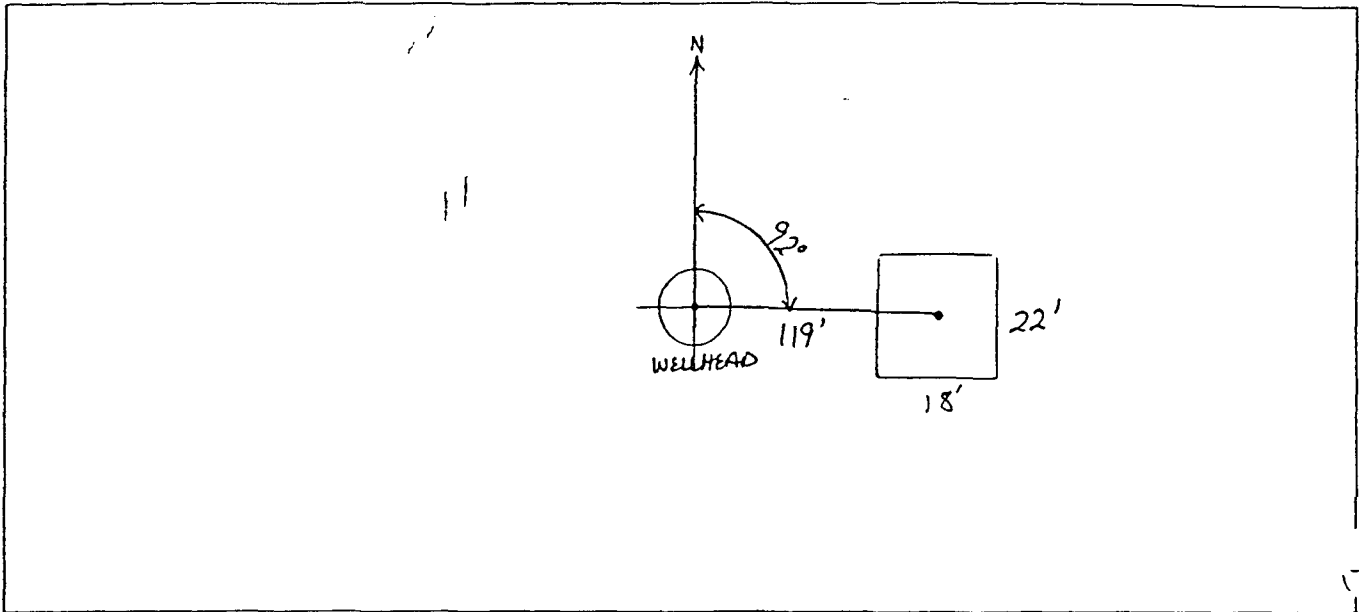
Remarks : REDLINE & TOPO SHOW LOCATION INSIDE V.Z. ONE PIT ON LOCATION.  
WILL CLOSE PIT. THERE IS SOME TRASH IN THE PIT. NO FENCE AROUND PIT.

DIG & HAUL  
 (SP3190) 04/08/94

73003

### ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 92° Footage from Wellhead 119'  
b) Length : 22' Width : 18' Depth : 2'



### Remarks :

PHOTOS - 1105

Completed By:

Robert Thompson

Signature

12.12.94

Date

ORIGINAL PIT LOCATION

REMARKS

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## **Phase I Excavation**

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# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 23003 Location: McGEE 7-18-95 #1  
 Coordinates: Letter: 9 Section 4 Township: 30 Range: 11  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Date Started : 7-18-95 Run: 02 53

FIELD OBSERVATIONS

Sample Number(s): mk 440  
 Sample Depth: 3' Feet  
 Final PID Reading 0 ppm PID Reading Depth 3' Feet  
 Yes No  
 Groundwater Encountered ☒ ☐ Approximate Depth \_\_\_\_\_ Feet

CLOSURE

Remediation Method :

Excavation ☒ Approx. Cubic Yards 30 or 9 1/2  
 Onsite Bioremediation ☐  
 Backfill Pit Without Excavation ☐

Soil Disposition:

Envirotech ☐ ☒ Tierra  
 Other Facility ☐ Name: \_\_\_\_\_

Pit Closure Date: 7-18-95 Pit Closed By: Philip

REMARKS

Remarks : Arrived no fence on site lots of trash  
pickit up trash removed 30 yd soil hit water  
at 3' bob talk to DENNY FORT2 said to close  
it no Hydrocarbon odor

Signature of Specialist: George Hallion



FIELD SERVICES LABORATORY  
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK440	947028
MTR CODE   SITE NAME:	73003	McGee #1
SAMPLE DATE   TIME (Hrs):	07/18/95	1225
PROJECT:	Phase I	
DATE OF TPH EXT.   ANAL.:	07/19/95	07/19/95
DATE OF BTEX EXT.   ANAL.:	07/21/95	07/22/95
TYPE   DESCRIPTION:	VC	Black/brown clay

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.025	MG/KG	1			
TOLUENE	<0.025	MG/KG	1			
ETHYL BENZENE	<0.025	MG/KG	1			
TOTAL XYLENES	<0.025	MG/KG	1			
TOTAL BTEX	<0.10	MG/KG				
TPH (418.1)	48.7	MG/KG			2.05	28
HEADSPACE PID	0	PPM				
PERCENT SOLIDS	73.0	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

Surrogate Recovery was at 95 % for this sample All QA/QC was acceptable.

Narrative:

/ performed analyses.

DF = Dilution Factor Used

Approved By:

*John Forder*

Date:

7/18/96

## CHAIN OF CUSTODY RECORD

PROJECT NUMBER # 24324		PROJECT NAME Pit Closure Project		DATE 7-18-95		FIELD ID	
LAB ID		DATE	TIME	MATRIX			
Morgan Killion		7-18-95	12:25	Soil	MK440		
Morgan Killion		7-18-95	15:30	Soil	MK441		

REQUESTED ANALYSIS		TOTAL NUMBERS OF CONTAINERS		SAMPLE TYPE		TPH EPA 418.1		BTX EPA 8020		LAB PID		SEQUENCE #		REMARKS	
			1	VC	X	X		X				396	Brownish Black Soil No Hydrocarbons		
			1	VC	X	X						397	Gray Soil Strong Hydrocarbon odor		

RELINQUISHED BY: (Signature)		DATE/TIME 5/1		RECEIVED BY: (Signature)		DATE/TIME 3/2		RECEIVED BY: (Signature)	
Morgan Killion		7-18-95 17:15		Kelly Stwall		7-18-95 11:00		Kelly Stwall	

REQUESTED TURNAROUND TIME:		SAMPLE RECEIPT REMARKS		RESULTS & INVOICES TO:	
<input type="checkbox"/> ROUTINE	<input type="checkbox"/> RUSH			FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P. O. BOX 4990 FARMINGTON, NEW MEXICO 87499	



FIELD SERVICES LABORATORY  
ANALYTICAL REPORT  
PIT CLOSURE PROJECT - Water

SAMPLE IDENTIFICATION

SAMPLE NUMBER: 947030  
FIELD ID: BW1  
MTR CODE: 73003  
SAMPLE DATE: 07/18/95  
SAMPLE TYPE: W  
SITE NAME: McGee #1  
PROJECT: Phase I Excavation  
DATE OF BTEX ANALYSIS: 07/24/95

FIELD COMMENTS:

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT	QUALIFIER	WQCC LIMIT PPB
TDS - TOTAL DISSOLVED SOLIDS (PPM)	Not Required		None
BENZENE (PPB)	<0.5		10
TOLUENE (PPB)	10		740
ETHYL BENZENE (PPB)	2.8		750
TOTAL XYLENES (PPB)	33		620
SURROGATE % RECOVERY	95	Allowed Range 80 to 120 %	

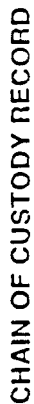
NOTES:

All results attached.

Approved By:

*John Lander*

7/18/96



## CHAIN OF CUSTODY RECORD

**CONCLUSION**

441 05555

**FAX: 505-599-2261**

CONTAINS HAZARDOUS MATERIALS

# STRAIGHT BILL OF LADING

## ORIGINAL - NOT NEGOTIABLE

Shipper's No. \_\_\_\_\_

CARRIER:

DOUG FOUTZ CONSTRUCTION

(11957-PTS) SCAC

1 of 2

Carrier's No. \_\_\_\_\_

Date 7-18-95

TO:

Consignee  
Street  
DestinationTIERRA ENVIRONMENTAL CORP.  
909 WEST APACHE  
FARMINGTON, NM 87409  
ZipFROM: EL PASO NATURAL GAS COMPANY  
Shipper P.O. BOX 4990  
Street FARMINGTON, NM 87499-4990  
Origin Zip

24324

route:

4 hrs.

Vehicle Number 131

No. of  
Shipping  
UnitsKind of Packages, Description of Articles  
(If HAZARDOUS MATERIALS - PROPER SHIPPING NAME)HAZARD  
CLASSI.D.  
NumberWEIGHT  
(subject to  
correction)

RATE

LABELS REQUIRED  
(for exemption)

1	OUR Mc BEE / TIERRA	EXEMPT HYDROCARBON CONTAMINATED SOIL	73003	10	YD.	N/A
		EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
		EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
		EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
		EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
		EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A

		EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
		EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
		EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A

Remit C.O.D. to:

Address:

State:

Zip:

COD Amt. \$

C.O.D. FEE:  
Prepaid ☒  
Collect ☐ \$

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

Subject to Section 7 of the Uniform Code of Sales, the shipper is to be delivered in the complete and undamaged condition of the property and shall be responsible for the payment of freight and all other lawful charges.

FREIGHT CHARGES  
☒ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown, marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property) has received and delivered to the consignee in conformity with the terms of the bill of lading and the conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS  
REQUIRED

N/A

PLACARDS  
SUPPLIED☐ YES ☒ NO — FURNISHED BY CARRIER  
DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER:

EL PASO NATURAL GAS COMPANY  
PER: SANDRA MILLER DATE: \_\_\_\_\_

CARRIER: DOUG FOUTZ

PER: Sandra Campbell

DATE: 7-18-95

EMERGENCY RESPONSE

EL PASO NATURAL GAS (505) 589-2141  
TELEPHONE NUMBER: (505) 326-2262 PHILIP ENVIRONMENTAL

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE INCIDENTAL TO TRANSPORTATION, (172.804)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MAT

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. \_\_\_\_\_

CARRIER: DOUG FOUTZ CONSTRUCTION (11957 - PIT8CAC 2 of 2 Carrier's No. 7-18-95 Date

TO: TIERRA ENVIRONMENTAL CORP.  
 909 WEST APACHE  
 STREET FARMINGTON, NM 87409  
 Destination Zip

FROM: EL PASO NATURAL GAS COMPANY 24324  
 Shipper P.O. BOX 4990  
 Street FARMINGTON, NM 87499-4990  
 Origin Zip

route: \_\_\_\_\_

Vehicle Number 131

No. Shipping Units	HM (If Hazardous Materials - Proper Shipping Name)	Kind of Packages, Description of Articles	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (for exemption)
1		TIERRA / 0 NA Mc BEE	BACKFILL	23003	10	YD.	N/A
			BACKFILL			YD.	N/A
			BACKFILL			YD.	N/A
			BACKFILL			YD.	N/A
			BACKFILL			YD.	N/A
			BACKFILL			YD.	N/A

Remit C.O.D. to:

Address: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

C.O.D. Amt: \$

C.O.D. FEE: Prepaid ☒ Collect ☐

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

Subject to Section 2 of the conditions of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown, marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment of the property and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled in accordance with the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED MA PLACARDS SUPPLIED ☐ YES ☒ NO — FURNISHED BY CARRIER DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER: EL PASO NATURAL GAS COMPANY  
 PER: SANDRA MILLER DATE: \_\_\_\_\_

CARRIER: DOUG FOUTZ CONST.  
 PER: Sandra Campbell DATE: 7-18-95

EMERGENCY RESPONSE ( 505) 328-2262 PHILIP ENVIRONMENTAL MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE  
 TELEPHONE NUMBER: ( 505) 328-2262 PHILIP ENVIRONMENTAL INCIDENTAL TO TRANSPORTATION (172-604)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

# STRAIGHT BILL OF LADING

## ORIGINAL - NOT NEGOTIABLE

Shipper's No. \_\_\_\_\_

CARRIER:

DOUG FOUTZ CONSTRUCTION

(11967-PITS) SCAC

1 of 2

Carrier's No. \_\_\_\_\_

Date

7-28-95

TO:

Consignee  
Street  
DestinationTIERRA ENVIRONMENTAL CORP.  
909 WEST APACHE  
FARMINGTON, NM 87409  
ZipFROM: EL PASO NATURAL GAS COMPANY  
Shipper P.O. BOX 4990  
Street FARMINGTON, NM 87499-4990  
Origin Zip

Zip

route:

9 hrs.

Vehicle  
Number

954

CONTAINS HAZARDOUS MAT

Shipping Units	HM (If Hazardous Materials - Proper Shipping Name)	Kind of Packages, Description of Articles	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (for exemption)
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A
1		McGee #1	EXEMPT HYDROCARBON CONTAMINATED SOIL	23003	10	YD.	N/A

Remit C.O.D. to:

Address:

State:

Zip:

COD

Amt: \$

C.O.D. FEE:  
Prepaid ☒  
Collect ☐ \$

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

Subject to Section 2 of the conditions, if this shipment is to be delivered to the consignee without release on the invoice, the shipper shall sign the following statement: The entire value of this shipment is hereby agreed to be paid by the shipper to the carrier, its agents, servants, and employees, and all other third parties, for any and all claims, damages, losses, and expenses, including reasonable attorney's fees, which may be incurred by the carrier, its agents, servants, and employees, and all other third parties, in connection with this shipment.

FREIGHT CHARGES  
☒ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions that the shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per *Sandra Miller*PLACARDS  
REQUIRED

NA

PLACARDS  
SUPPLIED

☐ YES ☒ NO — FURNISHED BY CARRIER  
DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER:

EL PASO NATURAL GAS COMPANY  
SANDRA MILLER

DATE:

CARRIER: *El Paso South Coast*  
PER *Sandra Miller* DATE: *7-18-95*

EMERGENCY RESPONSE

EL PASO NATURAL GAS (505) 589-2141  
TELEPHONE NUMBER: (505) 326-2262 PHILIP ENVIRONMENTAL

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE INCIDENTAL TO TRANSPORTATION. (172.604)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

