GW - 301

GENERAL CORRESPONDENCE

YEAR(S):
2004 - 1998

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

Mr. Roger Anderson
New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, NM 87505

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,

David Bays

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-211	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

District I - (505) 393-6161
P. O. Box 1940
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

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

Form C-141
Originated 2/13/97

Submit 2 Copies to Appropriate District Office in accordance with Rule 116

APR 2003

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name El Paso Field Services Co.	Contact David Bays
Address 614 Reilly Avenue	Telephone No. (505) 599-2256
Facility Name Manzanares Compressor Station	Facility Type Natural Gas Compressor Station

Surface Owner BLM	Mineral Owner NA	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	16 & 17	29N	9W					San Juan

NATURE OF RELEASE

Type of Release Produced water and hydrocarbons	Volume released 50 bbls. 500bbls RB 4/11/03	Volume Recovered none
Source of Release Tank Overflow	Date and Hour of Occurrence 02/19/03 11:00 PM	Date and Hour of Discovery 02/19/03 11:45 PM
Was Immediate Notice Give? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? NMOCD _ Denny Foust	
By Whom? David Bays	Date and Hour 02/20/03 8:05 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Condensate tank overflowed during pigging operation – the receiver was blocked in and drained after pumping down the tank level.

Describe Area Affected and Cleanup Action Taken.*

Contaminated soils were excavated for off-site disposal at a commercial landfarm. See attached report from remediation contractor.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.)*

Night time – cold, dry, no winds

I hereby certify that the information given is true and correct to the best of my knowledge and belief: Signature: David Bays	OIL CONSERVATION DIVISION Approved by District Supervisor: Denny Foust for Frank Chavez
Printed Name: David Bays	
Title: Principal Environmental Scientist	Approval Date: 4/11/2003 Expiration Date:
Date: March 31, 2003 Phone: (505) 599-2256	Conditions of Approval: Attached: ☐

*Attach Additional Sheets If Necessary

nDGF0306652033

ENVIROTECH INC.
PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

March 27, 2003

El Paso Field Services
Attn: Mr. David Bays
614 Reilly Avenue
Farmington, New Mexico 87401

Phone (505) 599-2256
Fax (505) 599-2119

Project #97057-078

RE: SPILL CLEANUP AT THE EL PASO FIELD SERVICE MANZANARES COMPRESSOR STATION

Dear Mr. Bays:

Envirotech Inc. has completed the cleanup of condensate contaminated soil at El Paso Field Services' Manzanares Compressor Station, see ***Figure 1, Vicinity Map.*** The following is a letter report documenting cleanup efforts at the location. The spill site is located approximately one (1) mile east of Blanco, New Mexico.

Envirotech was contacted on Thursday, February 20, 2003, with a request to respond to a release of condensate at the above referenced compressor station. The same day, Envirotech's Mr. Mike Stahle, Construction Superintendent, and Mr. Morgan Killion, Foreman, arrived on-site to inspect and plan cleanup activities. The spill site consisted of a tank battery containing four (4) 1000-barrel tanks connected to one (1) 120-barrel below grade separator tank; see ***Figure 2, Initial Assessment.***

Envirotech was informed that the four (4) 1000-barrel tanks had lost an estimated 500 barrels of condensate. The exact circumstances of the release are unknown but it is our understanding that the contamination was the result of two (2) separate releases. The first took place during line pigging activates when the southeast tank overflowed. The second was the result of the valves from the 1000-barrel tanks having been left open and the tanks draining into the "sump". The "sump" couldn't hold that volume of liquid and the product spilled out of the hatch opening on the top and into the secondary containment. Site photographs documenting spill extents are included as ***Appendix A, Site Photography.***

Due to inclement weather, access to the site was limited until Monday, March 10, 2003, when Envirotech's Mr. Kyle Kerr, Environmental Scientist, along with Mr. Killion and additional Envirotech field personnel dug 11 test holes within the secondary containment using a backhoe and between and under the tanks using a hand auger. The soil from the test holes was screened using an Organic Vapor Meter/Photoionization Detector (OVM/PID) to determine the depths of contamination. Depths of contamination varied from 2 to greater than 7-feet deep during the initial investigation; the test hole locations are shown on ***Figure 2.***

Following the initial assessment, it was determined that two (2) of the four (4) tanks would have to be moved prior to any excavation activities. All four (4) tanks could not be moved without seriously affecting the operation of the EPFS natural gas line. On March 11, 2003, at the request of El Paso Field Services, a crane was employed to lift the two (2) southern tanks and excavation of the contaminated soil began on March 12, 2003.

During the excavation, it was found that recent rain and snow had accelerated the downward migration of the condensate. The excavation could not be advanced greater than 12 feet deep due to concerns regarding the stability of the remaining two (2) tanks. Excavation activities were completed on Saturday, March 14, 2003. Copies of the El Paso Field Services excavation permits are included as ***Appendix B, Permits.***

Contaminated soil was loaded and transported to Envirotech's NMOCD Permitted Soil Remediation Facility, Landfarm #2, located near Hilltop, New Mexico. Transport and receipt of 1,188 cubic yards of contaminated soil is documented in ***Appendix C, Bills of Lading***.

During excavation activities, soils were screened frequently for hydrocarbons using an OVM/PID. Screening was conducted to determine the horizontal extent of contamination. Excavation proceeded until soil samples were below 100 ppm on the southern, eastern, and western extents of the contamination. Due to the constraints on the depth to which the contamination could be excavated, OVM/PID readings on the floor and the northern wall of the excavation were greater than 100 ppm when excavation activities were completed. Final excavation extents, depths, and OVM/PID readings are reported in ***Figure 3, Excavation.***

Five (5) point composite samples were collected for closure verification on the southern, eastern, and western extents of the contamination, see ***Appendix D, Laboratory Analysis***. Locations of the confirmation analyses are reported in ***Figure 3.*** All three (3) confirmation samples were below NMOCD recommended remediation levels for benzene, BTEX, and TPH.

Prior to backfill and compaction, 40 cubic yards of cow manure was placed in the bottom of the excavated area to aid in passive insitu bioremediation of the remaining contamination. Clean backfill material was transported from a location approximately 5.5 miles west of Blanco, New Mexico, at the request of El Paso Field Services personnel. Backfill was placed in 8 to 12-inch lifts and wheel rolled in with the excavator. Final grade was obtained using ¾" aggregate base coarse and ¾" washed rock, which was placed over the clean fill material to form a solid foundation for the tank battery.

On March 19, 2003, Envirotech personnel placed a 22' x 22' liner and reset the ring under each tank. The crane was recalled to the site to reset the tanks. Envirotech also reset the stairs and landings on the tanks and the landing between the tanks. All of the tank piping was hooked back up. The firewalls around the tank were rebuilt and graveled on March 20, 2003. The loader and backhoe were removed from the site on March 21, 2003.

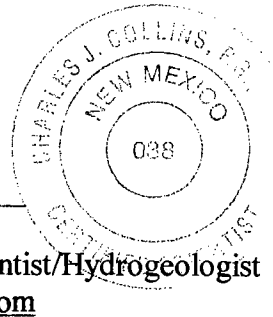
Envirotech has completed the initial cleanup of a condensate spill at the Manzaneres Compressor Station and has restored the site to pre-spill conditions. Excavation constraints prevented

removal of all hydrocarbon impacted soils at the site. Envirotech will be installing a liner on the north face of the below grade separator tank in the near future. We recommend a hydrologic investigation employing three (3) monitor wells to determine the impact, if any, to groundwater from the unremediated soil present below the excavation.

Sincerely,

ENVIROTECH INC.

Reviewed By:



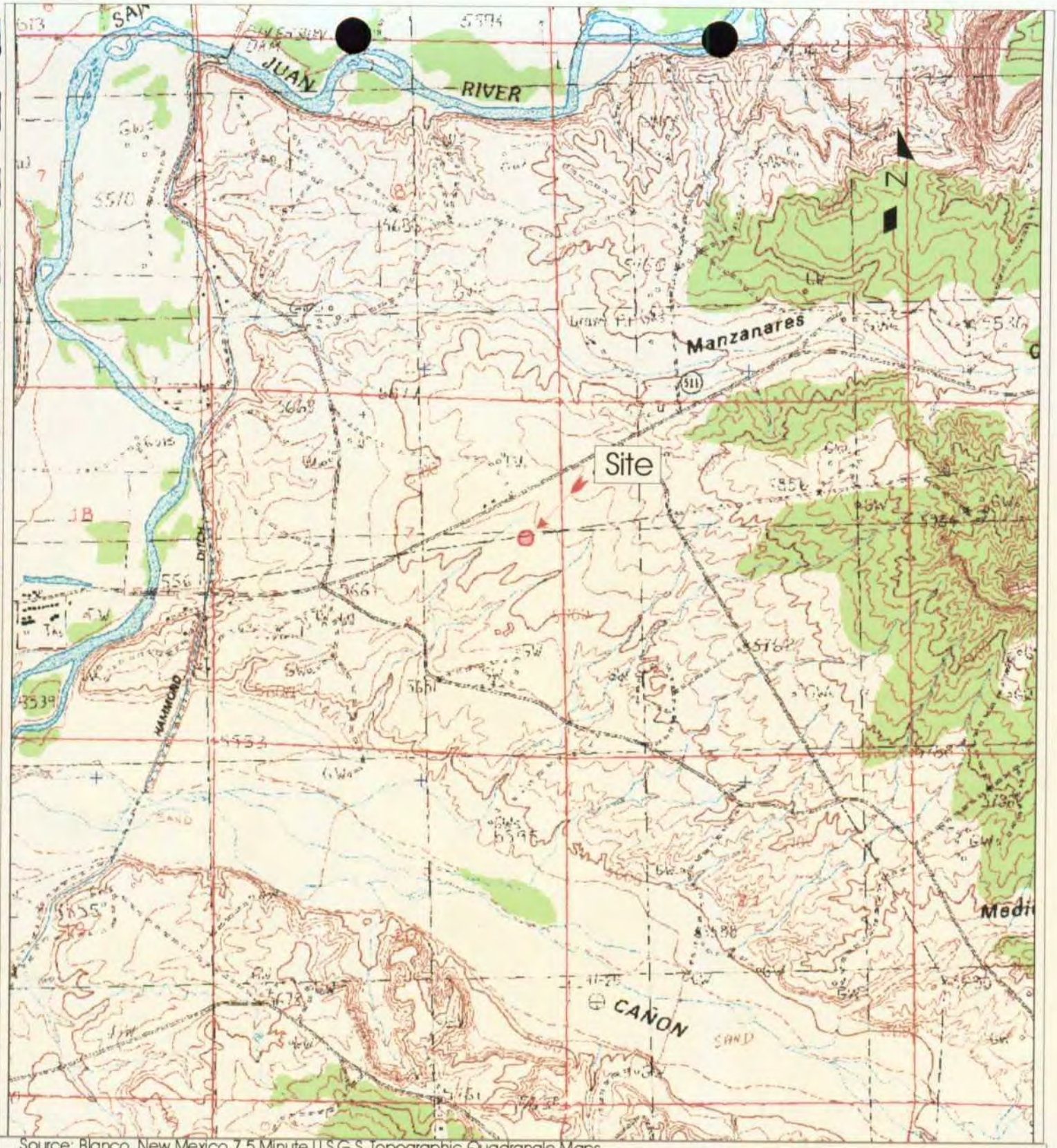
Kyle P. Kerr
Environmental Scientist
kpkerr@envirotech-inc.com

C. Jack Collins
Chief Environmental Scientist/Hydrogeologist
jcollins@envirotech-inc.com

Attachments: Figures
Appendix A, Photographs
Appendix B, Permits
Appendix C, Bills of Lading
Appendix D, Laboratory Analysis

CJC:kpk/enviro/projects/non-pst/El Paso/Manzaneres/Report.doc

FIGURES



Source: Blanco, New Mexico 7.5 Minute U.S.G.S. Topographic Quadrangle Maps
Scale: 1:24,000 1" = 2000'

Spill Response
El Paso Field Services
Manzanares Compressor Station
Manzanares, New Mexico

ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS

5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401

PHONE (505) 632-0615

Vicinity Map

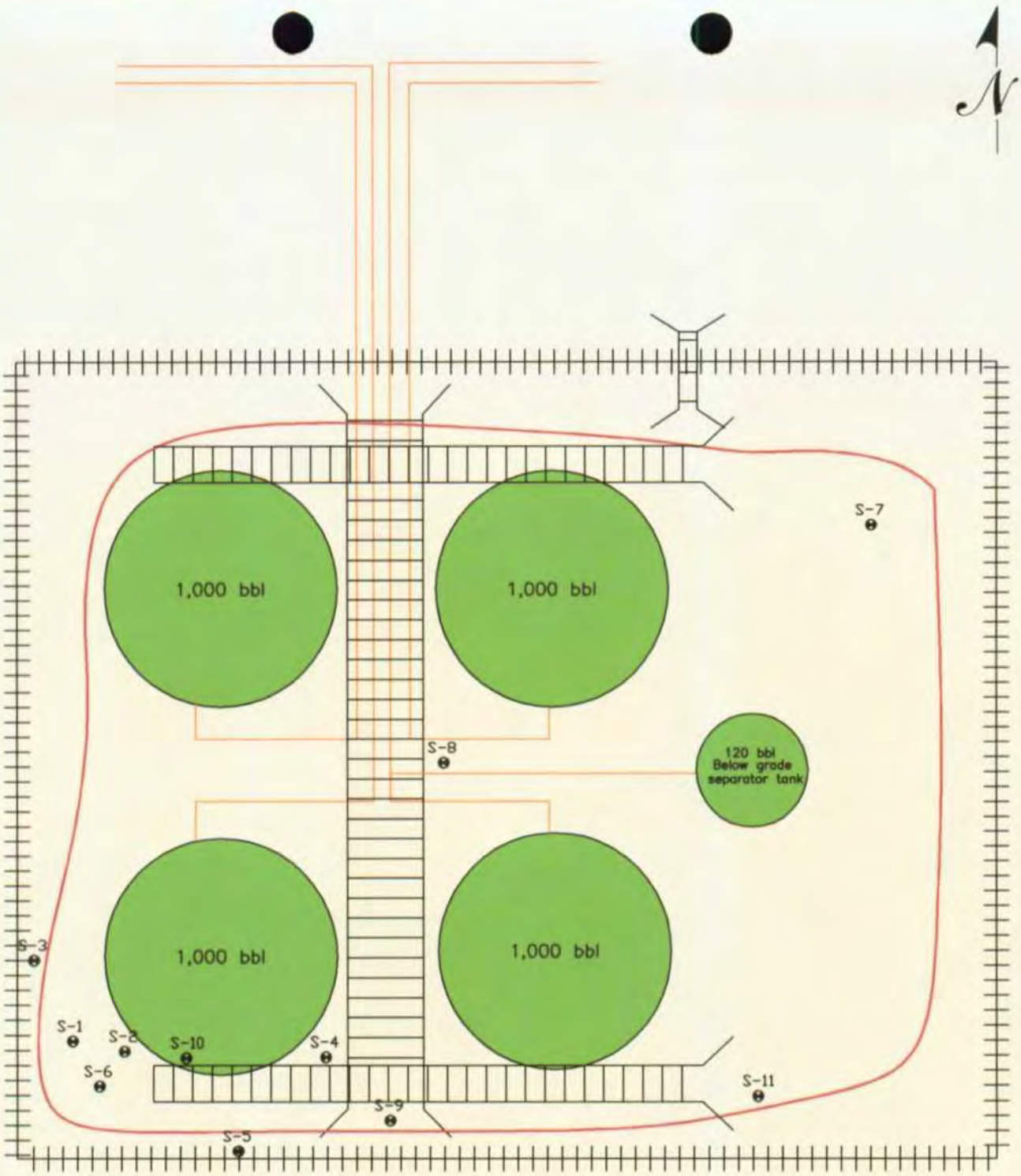
Figure 1

Project# 97057-078

Date Drawn: 03/20/03

Drawn By:
Kyle Kerr

Project Manager:
C. Jack Collins



LEGEND

Outline of Spill

S-1 Location of Sample Points During Initial Assessment

El Paso Field Services
Manzanares Compressor Station
Manzanares, New Mexico

ENVIROTECH INC.

INITIAL ASSESSMENT

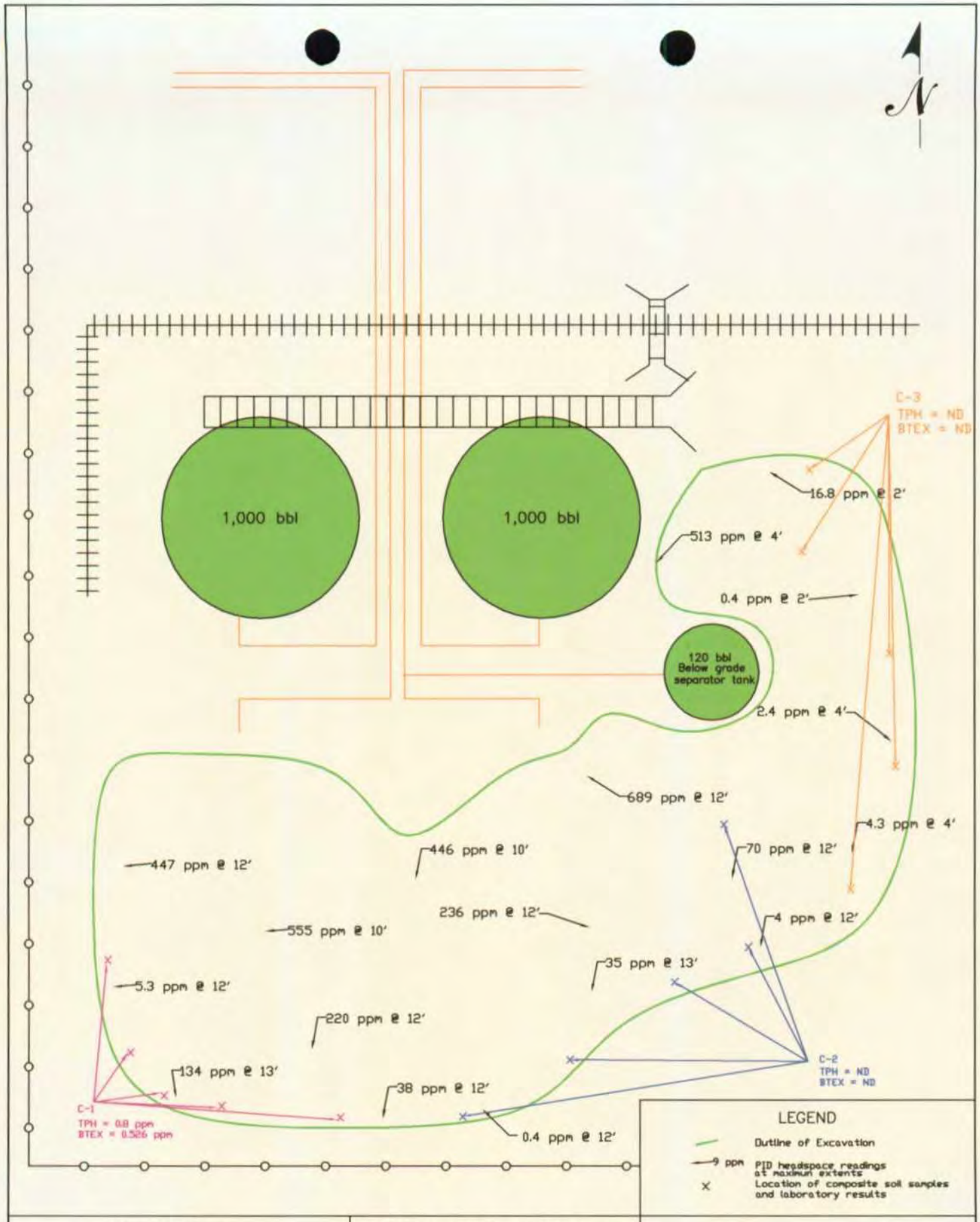
REVISIONS
BY ___ DATE ___
BY ___ DATE ___

JOB # 97057-078

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
(505) 632-0615

DATE 03/20/03 DRAWN KPK
SCALE 1" = 15' APPROVED CJC

FIGURE 2



El Paso Field Services
Manzanares Compressor Station
Manzanares, New Mexico

ENVIROTECH INC.

EXCAVATION

REVISIONS
BY ___ DATE ___
BY ___ DATE ___

JOB # 97057-078

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
(505) 632-0615

DATE 03/20/03 DRAWN KPK
SCALE 1" = 15' APPROVED CJC

FIGURE 3

APPENDIX A

Photographs

EL PASO FIELD SERVICES
MANZANARES SITE PHOTOGRAPHY

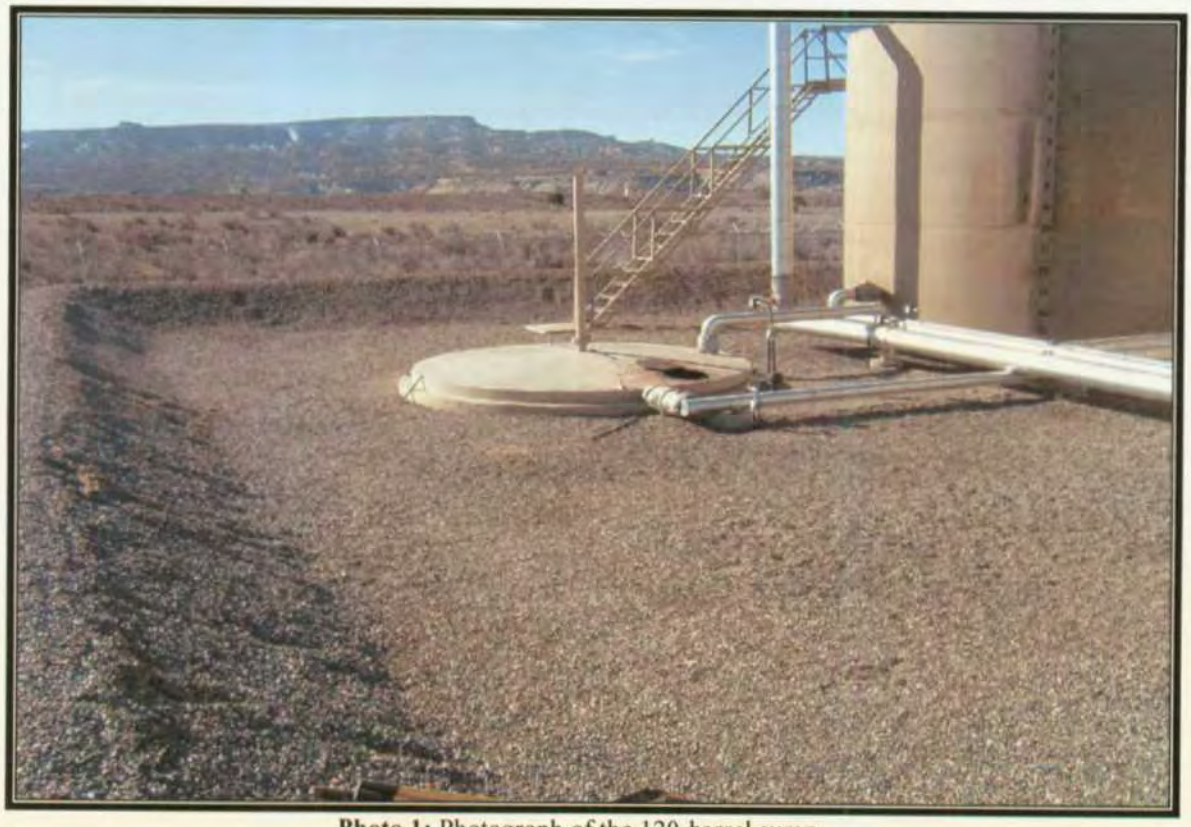


Photo 1: Photograph of the 120-barrel sump.

Photo 2: View to the south showing the entire tank battery.

EL PASO FIELD SERVICES
MANZANARES SITE PHOTOGRAPHY

Photo 3: View along the southern berm showing test holes during the preliminary investigation.

Photo 4: Photograph showing removal of the 1,000-barrel tank.

Photo 5: Photograph showing the start of the excavation.

Photo 6: View to the west of the excavation extents.

Photo 7: View to the northwest of excavation extents.

Photo 8: View of placement of the cow manure for insitu passive remediation.

Photo 9: View of the beginning of backfilling.

Photo 10: Continued backfill and compaction.

Photo 11: The completed backfill.

Photo 12: View of the reconstructed site and completed project.

APPENDIX B

Permits

EL PASO ENERGY

EXCAVATION PERMIT

LOCATION	DATE	TIME
Blanco Complex	3/11/03	8:10

PLANT/DISTRICT/DEPARTMENT: Mainline Comp.

WORK TO BE PERFORMED: Excavate contaminated soil around storage tanks

OPERATIONAL REQUIREMENTS

1. Has the one call verification been made?	☑ YES	☐ NO
2. One call verification number: # 200310295 3	☑ YES	☐ NO
3. Has area plot plans been reviewed?	☐ YES	☐ NO
4. Have underground utilities been located and marked?	☑ YES	☐ NO
5. Area clear of flammable materials?	☐ YES	☑ NO
6. Have affected departments been notified?	☑ YES	☐ NO
7. Surface encumbrances i.e.; (Trees, Traffic, etc.)	☐ YES	☑ NO
8. Is there a need for traffic control? ☑ N/A	☐ YES	☑ NO

9. What equipment will be used? Backhoe

	DATE	DATE Time / TIME
10. Date/Time excavation will begin.	3/11/03	8:10
11. Date/Time excavation will be completed.	3/11/03	4:20

SPECIAL INSTRUCTIONS: Hand dig as needed around conduit and underground piping

ENTERED

	SIGNATURE (Technician)	SIGNATURE (Craftsman)
Area plot plans have been received, and is safe for excavation.	James Gaddy	Mary Killeen

The above work has been completed satisfactorily and accepted by Operations, all equipment has been removed and the area left in a clean condition. Time completed: 4:20

SIGNATURE (Technician)	SIGNATURE (Craftsman)	SIGNATURE (Contractor Craftsman)
James Gaddy	Mary Killeen	

White–Craftsman Canary–Technician Pink–Area /Location

FM 08-0492 (01-94)

APPENDIX C

Bills of Lading

ENVIROTECH INC.

RECEIVED MAR 14 2003

Bill of Lading

MANIFEST # 20384

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-13-03 JOB # 97057-078

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	EPFS MANZANARES COMP.	ENVIROTECH L.F. #2	CONTAM. SOIL	O-24	18		DAWN TRUCKING	364	8:20 A	
2	"	"	"	O-24	18		" DAWN TRUCKING	360	8:35 A	
3	"	"	"	O-23	18		DAWN	367	8:40	
4	"	"	"	O-23	18		DAWN	307	8:45	
5	"	"	"	O-23	18		DAWN	318	8:50	
6	" "	" "	" "	O-23	18		Dawn	364	10:15 A	
7	MANZANARES COMP	ENVIROTECH L.F. #2	CONTA DIRT	O-22	18		DAWN	360	10:20 A	
8	"	"	"	O-22	18		DAWN	367	10:40 A	
9	"	"	"	O-21	18		DAWN	307	10:45 A	
10	"	ENVIROTECH L.F-2	"	O-21	18		DAWN	318	10:50 A	
11	"	L.F-#2	CONTA DIRT	O-23	18		DAWN	364	11:45 A	
12	"	L.F #2	CONTA DIRT	O-23	18		DAWN	366	12:00	
13	MANZARES COMP	L.F-2	CONTA DIRT	O-22	18		DAWN	360	12:50	
14	MANZARES COMP	L.F-2	CONTA SOIL	O-22	18		DAWN	307	12:29 P	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MIKE HOYT COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 3-13-03

ENVIROTECH INC.

RECEIVED MAR 1 [illegible] 2003

ENTERED MAR 18 2003

Bill of Lading

MANIFEST # 20385

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-13-03 JOB # 97057-078

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1 15	ELPASO MANZANA COMP	ENVIROTECH LF-2	CONTA DIRT	0-21	18		DAWN	318	12:45 p	Harrison Jim
2 16	ELPASO MANZANA COMP	ENVIROTECH LF, 2	CONTA DIRT	0-22	18		ENVIROTECH	349	1:15 p	Rob Oz
3 17	ELPASO MANZANA COMP	ENVIROTECH LF #2	CONTA DIRT	0-21	18		DAWN	364	1:20 p	[signature]
4 18	11	ENVIROTECH LF #2	CONTA DIRT	0-21	18		DAWN	360	1:45 p	[signature]
5 19	ELPASO MANZANA COMP	ENVIROTECH LF-2	CONTA DIRT	0-24	18		DAWN	318	1:25 p	Harrison Jim
6 20	MANZANA COMP	ENVIROTECH LF-2	CONTA DIRT	0-23	18		DAWN	307	1:30 p	Shane Austin
7 21	MANZANA COMP	ENVIROTECH LF-2	CONT DIRT	0-23	18		DAWN	366	1:30 p	John Boggs
8 22	MANZANA COMP	ENVIROTECH LF-2	CONTA DIRT	0-22	18		DAWN	364	2:40 p	[signature]
9 23	MANZANA COMP	ENVIROTECH LF. 2	CONTA DIRT	0-22	18		DAWN	360	3:25 p	[signature]
10 24	MANZANA COMP	ENVIROTECH LF #2	CONTA DIRT	0-21	18		ENVIROTECH	549	3:40 p	Rob Oz
11 25	MANZANA COMP	ENVIROTECH LF #2	CONT DIRT	0-21	18		DAWN	318	4:00 p	Harrison Jim
12 26	MANZANA COMP	ENVIROTECH LF #2	CONTA DIRT	0-20	18		DAWN	368	4:05 p	John Boggs
13 27	MANZANA COMP	ENVIROTECH LF. 2	CONTA DIRT	0-24	18		DAWN	307	4:10 p	Shane Austin
14 28	11	ENVIROTECH LF. 2	CONTA DIRT	0-24	18		DAWN	364	4:15	[signature]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Hoyt COMPANY ENVIROTECH SIGNATURE [signature]

DATE 3-13-03

ENVIROTECH INC.

Bill of Lading

7057-078

JOB # 12833

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 03-13-03

MANIFEST NO.	COMPLETE DESCRIPTION OF SHIPMENT				TRANSPORTING COMPANY					
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	NAPI FEEDLOT	EL PASO MANZANARES	MANURE		20		ENVIROTECH	549		Roland Day
2	" " "	" "	"		20		ENVIROTECH	549		Roland Day
		Will have bill from NAPI - Benhas.								

RECEIVED MAR 17 2003

ENTERED MAR 18 2003

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Roland Day COMPANY ENVIROTECH SIGNATURE Roland Day

DATE 03-13-03

ENVIROTECH INC.

RECEIVED MAR 17 2003

Bill of Lading

MANIFEST # 20353

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-13-03 JOB # 97057-028

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	El Paso Barrow	Manzanares Spill	fill		20		Dawn	364		
2								360		
3								307		
4								367		
5								318	940	
6								364	1050	
7								360	1110	
8								307		
9								318	1140	
10								364	1225	
11								360		
12								366	1250	
								307	1305	
								318	1325	

ENTERED MAR 18 2003

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned generator, and that no additional materials have been added."

NAME Neil Winterton COMPANY Envirotech SIGNATURE

DATE 3-13-03

ENVIROTECH INC.

RECEIVED MAR 14 2003

Bill of Lading

MANIFEST # 20354

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-13-03 JOB # 97057-078

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
15	EPFS Barrow Pit	Manzanares Spill	fill		20		Dawn	364	1350	
16								360/420		
17								318		
18								366		
19								307	1505	
20								364	1520	

MAR 18 2003

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Neil Winterton COMPANY Envirotech SIGNATURE

DATE 3-13-03

ENVIROTECH INC.

Bill of Lading

MANIFEST # 20386

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-14-03 JOB # 97057-078

RECEIVED MAR 17 2003

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	ELPASO MANZARES COMP	ENVIROTECH L.F. 2	CONT DIRT	0-24	18	~~360~~	DAWN	360	8:10 A	
2	ELPASO MANZARES COMP	L.F #2	CONT DIRT	0-24	18	~~360~~	DAWN	317	8:15 A	
3	ELPASO MANZARES COMP	L.F #2	cont Dirt	0-23	18		DAWN	318	8:25 A	
4	ELPASO MANZARES COMP	L.F #2	cont Dirt	0-22	18		DAWN	364	9:25 A	
5	ELPASO MANZARES COMP	L.F #2	cont Dirt	0-24	18		DAWN	360	10:00 A	
6	ELPASO MANZARES COMP	L.F #2	cont Dirt	0-24	18		DAWN	317	10:05 A	
7	ELPASO MANZARES COMP	L.F. #2	cont Dirt	0-23	18		DAWN	318	10:10 A	
8	ELPASO MANZARES COMP	L.F #2	cont Dirt	0-24	18		DAWN	307	11:00 A	
9	ELPASO Comp	L.F #2	cont Dirt	0-24	18		DAWN	317	11:05 A	
10	ELPASO MANZARES COMP	L.F #2	cont Dirt	0-24	18		DAWN	364	11:20 A	
11	ELPASO MANZARES COMP	L.F #2	cont Dirt	0-20	18		DAWN	360	11:35 A	
12	ELPASO MANZARES COMP	L.F. 2	cont Dirt	0-23	18		DAWN	318	12:12 P	
13	ELPASO MANZARES COMP	L.F #2	cont Dirt	0-22	18		DAWN	317	1:00 P	
14	ELPASO MANZARES COMP	L.F #2	cont Dirt	0-21	18	50	DAWN	364	1:15 P	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Hoyt COMPANY ENVIROTECH SIGNATURE Mike Hoyt

ENTERED MAR 18 2003

DATE 3-14-03

ENVIROTECH INC.

Bill of Lading

MANIFEST # 20366

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-14-03 JOB # 97057-078

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	15 ELPASO MANZANOS COM	ENVIROTECH L.F #2	cont Dirt	0-21	18		DAWN	307	1:15 pm	Shane Austin
2	16 ELPASO MANZANOS COM	L.F #2	cont Dirt	0-21	18		DAWN	360	1:29 p	
3	17 ELPASO MANZANOS COMP	L.F #2	cont Dirt	0-20	18		DAWN	318	2:30 pm	Harrison Smith
4	18 ELPASO MANZANOS COMP	L.F. #2	cont Dirt	0-24	18		DAWN	317	2:40 p	
5	19 ELPASO MANZANOS COMP	L.F. #2	cont Dirt	0-24	18		DAWN	307	2:54 p	Shane Austin
6	20 ELPASO MANZANOS COMP	L.F #2	cont Dirt	0-24	18		DAWN	360	2:55 p	
7	21 ELPASO MANZANOS COMP	L.F. #2	cont Dirt	0-23	18		DAWN	364	3:05 p	E Duran
8	22 ELPASO MANZANOS COMP	L.F #2	cont Dirt	0-24	18		DAWN	318	4:15 p	Harrison Smith
9	23 ELPASO MANZANOS COMP	L.F #2	cont Dirt	0-23	18		DAWN	317	4:20 p	
10	24 ELPASO MANZANOS COMP	L.F #2	cont	0-23	18		DAWN	307	4:30 p	Shane Austin
11	25 EL PASO MANZANOS COMP	L.F. #2	cont Dirt	0-22	18		DAWN	360	4:35 p	
12	26 ELPASO MANZANOS COMP	L.F #2	cont Dirt	0-22	18		DAWN	364	4:45 p	E Duran
13	27				216					
14	28									

RECEIVED MAR 17 2003

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MIKE HOYT COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 3-14-03

ENTERED MAR 18 2003

ENVIROTECH INC.

Bill of Lading

MANIFEST # 20355

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-14-03 JOB # 97057-078

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	EPFS Barrow	Manzanares Spill	fill		20		Dawn	307	800	
2								360		
3								317	900	
4								318	905	
5								364	1020	
6								317		
7								360		
8								~~315~~	1040	
9								318	1100	
10								317	1205	
11								364	1215	
12								307		
								360	1220	
								318	1310	
								317	1340	

ENTERED MAR 18 2003

RECEIVED MAR 17 2003

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Landrea Jackson COMPANY Envirotech Inc. SIGNATURE Landrea R. Jackson

DATE 3/14/03

ENVIROTECH INC.

Bill of Lading

MANIFEST # 20356

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-14-03 JOB # 97057-078

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
15	EPFS Barrow	Manzanes Spill	Clean fill		20		Dawn	307	1350	
17								360	1355	
18								364		
19								318	1510	
20								317	1520	
21								307		
22								360		
23								364	1540	

RECEIVED MAR 17 2003

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Kandrea R. Jackson COMPANY Envirotech Inc SIGNATURE Kandrea R. Jackson

DATE 3/14/03

ENVIROTECH INC.

Bill of Lading

MANIFEST # 20387

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-17-03 JOB # 97057-078

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	MANZANES ELPASO COMP	ENVIROTECH L.F. 2	cont Dirt	O-23	18		DAWN	316	8:25 A	Wm Hearn
2	ELPASO Manzanes comp	L.F. #2	cont Dirt	O-23	18		DAWN	307	8:25 A	Shane Austin
3	ELPASO Manzanes comp	L.F #2	cont Dirt	O-23	18		DAWN	360	8:30 A	
4	ELPASO Manzanes comp	L.F #2	cont Dirt	O-22	18		DAWN	366	8:30 A	Greg Turbon
5	ELPASO Manzanes comp	L.F #2	cont Dirt	O-22	18		DAWN	364	8:33 A	
6	ELPASO MANZANES comp	L.F #2	cont Dirt	O-22	18		DAWN	316	10:10 A	Wm Hearn
7	ELPASO MANZANES comp	LF-2	cont Dirt	O-21	18		DAWN	307	10:15 A	Shane Austin
8	ELPASO MANZANES comp	L.F 2	cont Dirt	O-21	18		DAWN	360	10:20 A	
9	ELPASO MANZANES comp	L.F. #2	cont Dirt	O-20	18		DAWN	366	10:30 A	Greg Turbon
10	ELPASO MANZANES COM	L.F #2	cont Dirt	O-20	18		DAWN	364	10:30 A	
11	ELPASO Manzanes comp	L.F. #2	cont Dirt	O-21	18		DAWN	316	11:55 A	Wm Hearn
12	ELPASO MANZANES comp	L.F #2	cont Dirt	O-20	18		DAWN	307	12:00	Shane Austin
13					216					
14										

RECEIVED MAR 18 2003

ENTERED MAR 18 2003

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MIKE HOYT COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 3-17-03

ENVIROTECH INC.

Bill of Lading

MANIFEST # 20367

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-17-03 JOB # 97057-078

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	EPFS Barrow	manzanares spill	Clean fill		20		Dawn	316	900	
2								307	910	
3								360		
4								366		
5								364	925	
6								316	1050	
7								307	1055	
8								360		
9								366		
10								364	1115	
11								366	1140	
12								364	1145	
13								360	1150	
								366	1210	

ENTERED MAR 18 2003

RECEIVED MAR 18 2003

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Neil Winterton COMPANY Envirotech SIGNATURE

DATE 3-17-03

ENVIROTECH INC.

Bill of Lading

MANIFEST # 20368

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-19-03 JOB # 97057 078

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Laird farm	EPFS manzanares	clean fill		18		Envirotech	558		
2	"	"	"		"		"	"		
3	"	"	"		"		"	"		

RECEIVED MAR 21 2003

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Neil Winterton COMPANY Envirotech SIGNATURE

DATE 3-19-03

APPENDIX D

Laboratory Analysis

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Dawn / Manzanerez Spill	Project #:	97026-003
Sample ID:	C - 1	Date Reported:	03-18-03
Laboratory Number:	25045	Date Sampled:	03-13-03
Chain of Custody No:	10681	Date Received:	03-13-03
Sample Matrix:	Soil	Date Extracted:	03-13-03
Preservative:	Cool	Date Analyzed:	03-14-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.8**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**0.8**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Blanco, NM.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Dawn / Manzanerez Spill	Project #:	97026-003
Sample ID:	C - 2	Date Reported:	03-18-03
Laboratory Number:	25046	Date Sampled:	03-13-03
Chain of Custody No:	10681	Date Received:	03-13-03
Sample Matrix:	Soil	Date Extracted:	03-13-03
Preservative:	Cool	Date Analyzed:	03-14-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Blanco, NM.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	03-14-TPH QA/QC	Date Reported:	03-18-03
Laboratory Number:	25037	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-14-03
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples 25037 - 25039, 25043 - 25047.**

Analyst Christine M Walters

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Dawn / Manzanerez Spill	Project #:	97026-003
Sample ID:	C - 1	Date Reported:	03-18-03
Laboratory Number:	25045	Date Sampled:	03-13-03
Chain of Custody:	10681	Date Received:	03-13-03
Sample Matrix:	Soil	Date Analyzed:	03-14-03
Preservative:	Cool	Date Extracted:	03-13-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**69.4**	**1.7**
Ethylbenzene	**38.6**	**1.5**
p,m-Xylene	**385**	**2.2**
o-Xylene	**80.3**	**1.0**
Total BTEX	**573**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**98 %**
	1,4-difluorobenzene	**98 %**
	Bromochlorobenzene	**98 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Blanco, NM.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Dawn / Manzanerez Spill	Project #:	97026-003
Sample ID:	C - 2	Date Reported:	03-18-03
Laboratory Number:	25046	Date Sampled:	03-13-03
Chain of Custody:	10681	Date Received:	03-13-03
Sample Matrix:	Soil	Date Analyzed:	03-14-03
Preservative:	Cool	Date Extracted:	03-13-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**99 %**
	1,4-difluorobenzene	**99 %**
	Bromochlorobenzene	**99 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Blanco, NM.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-14-BTEX QA/QC	Date Reported:	03-18-03
Laboratory Number:	25043	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-14-03
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	4.1274E-002	4.1398E-002	0.3%	ND	0.2
Toluene	4.8348E-002	4.8445E-002	0.2%	ND	0.2
Ethylbenzene	7.9848E-002	8.0088E-002	0.3%	ND	0.2
p,m-Xylene	7.6417E-002	7.6647E-002	0.3%	ND	0.2
o-Xylene	7.1539E-002	7.1683E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	307	314	2.1%	0 - 30%	1.8
Toluene	2,510	2,460	2.0%	0 - 30%	1.7
Ethylbenzene	1,090	1,070	1.8%	0 - 30%	1.5
p,m-Xylene	2,110	2,150	1.9%	0 - 30%	2.2
o-Xylene	2,110	2,160	2.4%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	307	50.0	356	99.7%	39 - 150
Toluene	2,510	50.0	2,550	99.6%	46 - 148
Ethylbenzene	1,090	50.0	1,130	99.1%	32 - 160
p,m-Xylene	2,110	100	2,200	99.5%	46 - 148
o-Xylene	2,110	50.0	2,150	99.5%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for samples 25043 - 25046.**

Christine M Walters
Analyst

Review

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CHAIN OF CUSTODY RECORD

10681

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Dawn / Mercaptan Spill	Blanco, NM	
Sampler: KPK	Client No. 97026-003	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015	BTEX					Remarks
C-1	3/13/03	10:00	25045	Soil	1	✓	✓					
C-2	1	13:00	25046	1	1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	3/13/03	14:30	Received by: (Signature) Christa Walls	3/13/03	14:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact			
Cool - Ice/Blue Ice			

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Dawn / Manzanerez Spill	Project #:	97026-003
Sample ID:	C - 3	Date Reported:	03-18-03
Laboratory Number:	25053	Date Sampled:	03-14-03
Chain of Custody No:	10716	Date Received:	03-14-03
Sample Matrix:	Soil	Date Extracted:	03-17-03
Preservative:	Cool	Date Analyzed:	03-18-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Blanco, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	03-18-TPH QA/QC	Date Reported:	03-18-03
Laboratory Number:	25053	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-18-03
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples 25053 - 25054.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Dawn / Manzanerez Spill	Project #:	97026-003
Sample ID:	C - 3	Date Reported:	03-18-03
Laboratory Number:	25053	Date Sampled:	03-14-03
Chain of Custody:	10716	Date Received:	03-14-03
Sample Matrix:	Soil	Date Analyzed:	03-18-03
Preservative:	Cool	Date Extracted:	03-17-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**99 %**
	1,4-difluorobenzene	**99 %**
	Bromochlorobenzene	**99 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Blanco, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-18-BTEX QA/QC	Date Reported:	03-18-03
Laboratory Number:	25053	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-18-03
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	4.1274E-002	4.1398E-002	0.3%	ND	0.2
Toluene	4.8348E-002	4.8445E-002	0.2%	ND	0.2
Ethylbenzene	7.9848E-002	8.0088E-002	0.3%	ND	0.2
p,m-Xylene	7.6417E-002	7.6647E-002	0.3%	ND	0.2
o-Xylene	7.1539E-002	7.1683E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	ND	50.0	49.9	99.8%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	99.8	99.8%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for sample 25053.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

CHAIN OF CUSTODY RECORD

10716

Client / Project Name	Project Location
Dawn / Manzanares Spill	Blanco, NM
Sampler: KPK	Client No. 97026-023

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015	BTEX					Remarks
C-3	3/14/03	9:00	25053	soil	1	✓	✓					

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/14/03	9:30	Mark Watt	3/14/03	9:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

(GW-298) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Martinez Canyon Compressor Station located in the SE/4 SE/4 of Section 16, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 20 gallons per day of wastewater with a dissolved solids concentration of 10,000 mg/l is collected in the wash rack and a double-walled, closed steel tank sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth greater than 200 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-301) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Manzanares Compressor Station (Trunk A-R) located in the SW/4 NW/4 of Section 16, and N/E N/E of Section 17 Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 75 Barrels per month of produced water with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l is collected in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a double-walled, underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 300 mg/l to 3,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-154) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Angel Peak 2B3B Compressor Station located in the NE/4 NW/4 of Section 8, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a dissolved solids concentration of 3,500 mg/l is stored in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth greater than 150 feet, with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-153) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Angel Peak 2B3A Compressor Station located in the SW/4 NW/4 of Section 20, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a dissolved solids concentration of 3,500 mg/l is stored in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of 55 feet, with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-352) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit application for the Williams Field Services Cabresto Compressor Station located in the NE/4 NE/4 of Section 19, Township 30 North, Range 4 West, NMPM, Rio Arriba County, New Mexico. Approximately 2000 to 9000 barrels per year of produced water is stored in an above ground storage tank prior to transport to an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of 100 to 400 feet with estimated total dissolved solids concentration of approximately 2,000 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 permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site http://www.emnrd.state.nm.us/ocd/. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall

AFFIDAVIT OF PUBLICATION

Ad No. 48471

STATE OF NEW MEXICO
County of San Juan:

CONNIE PRUITT, being duly sworn says: That she is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meeting of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s): Wednesday, September 3, 2003.

And the cost of the publication is $213.56.

Connie Pruitt

ON 9-5-03 CONNIE PRUITT appeared before me, whom I know personally to be the person who signed the above document.

Ginny Beck

My Commission Expires April 2, 2004.

COPY OF PUBLICATION

NOTICE OF PUBLICATION

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

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

(GW-304) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Turley Compressor Station (Trunk O) located in the SW/4 NW/4 of Section 30, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 250 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-147) – El Paso Natural Gas Company, Richard Duarte, (505) 831-7763, 3801 Atrisco Blvd. N.W., Albuquerque, New Mexico 87120, has submitted its discharge permit renewal application for its Deming Compressor Station located in the SE/4 SE/4 of Section 32, Township 23 South, Range 11 West, NMPM, Luna County, New Mexico. Approximately 43,200 gallons per day of cooling tower blowdown water with a total dissolved solids concentration of approximately 77,000 mg/l is stored in above-ground, lined evaporation ponds equipped with leak detection. Groundwater most likely to be affected in the event of an accidental discharge is at an estimated depth of approximately 30 feet with a total dissolved solids concentration of approximately 5,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-303) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Navajo City Compressor Station (Trunk L) located in the SW/4 NW/4 of Section 33, Township 30 North, Range 7 West, NMPM, San Juan County, New Mexico. Approximately 250 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-302) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Potter Canyon Compressor Station (Trunk H/H) located in the NW/4 NE/4 of Section 19, Township 30 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 500 barrels per month of produced water, with a dissolved solids concentration of 10,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 250 feet with a total dissolved solids concentration of approximately 2,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

NOTICE OF PUBLICATION

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

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

(GW-304) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Turley Compressor Station (Trunk O) located in the SW/4 NW/4 of Section 30, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 250 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-147) – El Paso Natural Gas Company, Richard Duarte, (505) 831-7763, 3801 Atrisco Blvd. N.W., Albuquerque, New Mexico 87120, has submitted its discharge permit renewal application for its Deming Compressor Station located in the SE/4 SE/4 of Section 32, Township 23 South, Range 11 West, NMPM, Luna County, New Mexico. Approximately 43,200 gallons per day of cooling tower blowdown water with a total dissolved solids concentration of approximately 77,000 mg/l is stored in above-ground, lined evaporation ponds equipped with leak detection. Groundwater most likely to be affected in the event of an accidental discharge is at an estimated depth of approximately 30 feet with a total dissolved solids concentration of approximately 5,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-297) – Chaparral Services, Inc., P.O. Box 1769, Eunice, NM 88231, has submitted a discharge permit renewal application for its facility located in the SW/4 NW/4 of Section 20, Township 25 South, Range 37 East and the SE/4 N/E4 of Section 19, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico. Approximately 50 gallons per month of waste oil and solvents are collected in fiberglass storage tanks, then transported offsite for disposal. Groundwater most likely to be affected in the event of an accidental discharge is at an estimated depth of approximately 40 feet with a total dissolved solids concentration ranging from 700 to 1,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-303) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Navajo City Compressor Station (Trunk L) located in the SW/4 NW/4 of Section 33, Township 30 North, Range 7 West, NMPM, San Juan County, New Mexico. Approximately 250 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-302) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Potter Canyon Compressor Station (Trunk H/H) located in the NW/4 NE/4 of Section 19, Township 30 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 500 barrels per month of produced water, with a dissolved solids concentration of 10,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 250 feet with a total dissolved solids concentration of approximately 2,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-298) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Martinez Canyon Compressor Station located in the SE/4 SE/4 of Section 16, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 20 gallons per day of wastewater with a dissolved solids concentration of 10,000 mg/l is collected in the wash rack and a double-walled, closed steel tank sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth greater than 200 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-301) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Manzanares Compressor Station (Trunk A-R) located in the SW/4 NW/4 of Section 16, and N/E N/E of Section 17 Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 75 Barrels per month of produced water with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l is collected in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a double-walled, underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 300 mg/l to 3,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-154) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Angel Peak 2B3B Compressor Station located in the NE/4 NW/4 of Section 8, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a dissolved solids concentration of 3,500 mg/l is stored in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth greater than 150 feet, with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-153) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Angel Peak 2B3A Compressor Station located in the SW/4 NW/4 of Section 20, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a dissolved solids concentration of 3,500 mg/l is stored in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of 55 feet, with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh

(GW-352) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit application for the Williams Field Services Cabresto Compressor Station located in the NE/4 NE/4 of Section 19, Township 30 North, Range 4 West, NMPM, Rio Arriba County, New Mexico. Approximately 2000 to 9000 barrels per year of produced water is stored in an above ground storage tank prior to transport to an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of 100 to 400 feet with estimated total dissolved solids concentration of approximately 2,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(BW-025) Paul Prather, P.O. Box 7169, Eunice, New Mexico 88231, has submitted a discharge plan renewal application for the CSI Brine Sales Station located in the NE/4 NE/4 of Section 20, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico. Fresh water from the City of Jal is injected into the Salado Formation at an approximate depth of 1,150 feet and brine water is extracted with an average total dissolved solids concentration of 350,000 mg/l. The brine water is stored in four 1,000 barrel above ground closed top tanks. The plan includes a chemical storage dock and a below grade concrete pit for temporary storage of exempt oilfield waste. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 40 feet with a total dissolved solids concentration of approximately 875 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(BW-018) Key Energy Services, Inc., Bob Patterson, (505) 394-2581, P.O. Box 340, Hobbs, New Mexico, 88240, has submitted a discharge application for its previously approved dis-

charge plan for the Trucker's #2 Brine Station located in the NE/4 SW/4 of Section 33, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Fresh water is injected into the Salado Formation at an approximate depth of 2,000 feet and brine is extracted with an average total dissolved solids concentration of 390,000 mg/l. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 60 feet with a total dissolved solids concentration of approximately 500 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 permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site http://www.emnrd.state.nm.us/ocd/. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed 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 permit and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of August 2003.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION

S E A L

LORI WROTENBERY,
Director
Legal #73956
Pub. September 3, 2003

charge plan for the Trucker's #2 Brine Station located in the NE/4 SW/4 of Section 33, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Fresh water is injected into the Salado Formation at an approximate depth of 2,000 feet and brine is extracted with an average total dissolved solids concentration of 390,000 mg/l. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 60 feet with a total dissolved solids concentration of approximately 500 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 permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site http://www.emnrd.state.nm.us/ocd/. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed 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 permit and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of August 2003.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION

S E A L

LORI WROTENBERY,
Director
Legal #73956
Pub. September 3, 2003

THE SANTA FE
NEW MEXICAN
Founded 1849

RECEIVED
SEP 0 8 2003
OIL CONSERVATION DIVISION

Ed Martin
NM OIL CONSERVATION DIV.
1220 ST. FRANCIS DR
~~ATT MARY ANNA~~
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689
AD NUMBER: 00025904 ACCOUNT: 00002212
LEGAL NO: 73956 P.O. #: 04-199-050340
680 LINES 1 TIME(S) 465.52
AFFIDAVIT: 5.25
TAX: 31.48
TOTAL: 502.25

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, K. Voorhees, 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 # 73956 a copy of which is hereto attached was published in said newspaper 1 day(s) between 09/03/2003 and 09/03/2003 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 3rd day of September, 2003 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ K. Voorhees
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 3rd day of September, 2003

Notary Laura E Harding

Commission Expires: 11/23/03

NOTICE OF PUBLICATION

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

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

(GW-301) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Manzanares Compressor Station (Trunk A-R) located in the SW/4 NW/4 of Section 16, and N/E N/E of Section 17 Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 75 Barrels per month of produced water with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l is collected in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a double-walled, underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 300 mg/l to 3,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

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 permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site http://www.emnrd.state.nm.us/ocd/. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed 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 permit and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of August 2003.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

LORI WROTENBERY, Director

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 9/12/03,

or cash received on 9/16/03 in the amount of $ 7200.00

from GULFTERRA (EL PASO)

for GW-301, 302, 303, 304 MANZANARES C.S. NAVAJO CITY C.S. POTTER CANYON C.S. TURLEY C.S.
(Facility Name)

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

Submitted to ASD by: ED MARTIN Date: 9/16/03

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility ___ Renewal ✓

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

00.00
00.00
800.00
x 4
7200.00

GULFTERRA FIELD SERVICES, LLC
1001 Louisiana, Suite 2700
HOUSTON, TX 77002

CITIBANK
One Penn's Way
New Castle, DE 19720

CHECK DATE 09/12/2003

CHECK NUMBER [redacted]

62-20
311

Amount
***$7,200.00
VOID AFTER ONE YEAR

ay ***SEVEN THOUSAND TWO HUNDRED AND XX/100 US DOLLAR***

o The
rder Of

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

Authorized Signature

Delos 00015057

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
August 21, 2003

RECEIVED

SEP 15 2003

OIL CONSERVATION DIVISION

Mr. David Bays
El Paso Field Services
614 Reilly Avenue
Farmington, NM 87401

RE: Discharge Plan Renewals
El Paso Field Services
Various Facilities Shown Below

Dear Mr. Bays:

This letter will serve as an invoice for the Discharge Permit renewal fees required on the facilities listed below:

Permit No.	Facility	Period	Filing Fee ($)	Permit Fee ($)	Total Due ($)
GW-301	EPFS Manzanares Comp. Sta.	6/8/2003-6/8/2008	100.00	1,700.00	1,800.00
GW-298	EPFS Martinez Canyon Comp. Sta.	7/14/2003-7/14/2008	100.00	1,700.00	1,800.00
GW-302	EPFS Potter Canyon Comp. Sta.	7/14/2003-7/14/2008	100.00	1,700.00	1,800.00
GW-303	EPFS Navajo City Comp. Sta.	7/14/2003-7/14/2008	100.00	1,700.00	1,800.00
GW-304	EPFS Turley Comp. Sta. Trunk O	7/14/2003-7/14/2008	100.00	1,700.00	1,800.00
GW-154	EPFS Angel Peak 2B3B Comp. Sta.	12/13/2003-12/13/2008	100.00	400.00	500.00
GW-153	EPFS Angel Peak 2B3A Comp. Sta.	12/31/2003-12/31/2008	100.00	400.00	500.00

The total fees due above are due with the permit renewal application.

The address for payment is:

New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505

If you have any questions, contact me at (505) 476-3492.

Thank you.

New Mexico Oil Conservation Division

Ed Martin

Ed Martin
Environmental Engineer

Cc: Denny Foust, Aztec, NM OCD District Office

GULFTERRA FIELD SERVICES, LLC
1001 Louisiana, Suite 2700
HOUSTON, TX 77002

REMITTANCE ADVICE

CHECK DATE	09/12/2003
CHECK NUMBER	[redacted]
VENDOR NUM	0000002667

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

RETAIN FOR YOUR RECORDS

Refer Payment Inquires to DELOS - 713-420-4200

Voucher ID	Invoice Number	Invoice Date	Discount	Paid Amount
00015057	CKREQ030903	09/03/2003	0.00	7,200.00
	PERMITS GW-301; GW-302; GW-303 & GW-304			
		TOTAL	$0.00	$7,200.00

elpaso Field Services

RECEIVED
AUG 27 2003
Environmental Bureau
Oil Conservation Division

August 21, 2003

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

Dear Ed:

Please find enclosed applications to renew the Discharge Plans for the following El Paso Field Services Company Facilities:

Angel Peak 2B3A Station, GW-153
Angel Peak 2B3B Station, GW154
Manzanares Station, GW-301
Martinez Station, GW-298
Navajo City Station, GW-302
Potter Canyon Station, GW-303
Turley Station, GW-304

Any necessary changes to contact names and telephone numbers have been made in the attached plans. None of the facilities have had any physical modification of any sort since the submittal of the existing Discharge Plans. I have requested that Accounts Payable in Houston prepare checks to cover the necessary fees for each facility. Those check will be sent directly from Houston.

For whatever additional information you may need, please call me at (505) 599-2256.

Sincerely yours,

David Bays

David Bays, REM
Principal Environmental Scientist

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

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

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

Revised 12/1/95

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

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

❑ New ☒ Renewed ❑ Modification

1. Type: Manzanares Compressor Station, Discharge Plan No. GW-301
2. Operator: El Paso Field Services Co.
   Address: 614 Reilly Avenue Farmington, NM 87401
   Contact Person: David Bays
3. Location: SW/4 NW/4 Section 17 Township 29N Range 9W
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average 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 Bays Date: August 21, 2003

EL PASO FIELD SERVICES COMPANY
MANZANARES COMPRESSOR STATION
DISCHARGE PLAN GW-301 RENEWAL

Prepared for:

New Mexico Oil Conservation Division
August 2003

El Paso Field Services Company
614 Reilly Avenue
Farmington, NM 87401

Item 1

Indicate the major operational purpose of the facility. If the facility is a compressor station include the total combined site rated horsepower.

Manzanares Compressor Station (Trunk. k-R), is a natural gas compressor station owned and operated by El Paso Field Services Company (EPFS). The site will include the following equipment:

- Pigging operations.
- Four inlet scrubbers.
- Four portable skid-mounted Arial compressors with electric motors.
- One gas cooler.
- One absorber tower.
- One coalescing filter separator.
- One glycol regenerator skid.
- One thermal oxidizer.
- One 90 bbl glycol storage tank.
- One 2 1 0 bbl methanol storage tank.
- Four I 000 bbl condensate storage tank.
- One 120 bbl water and condensate tank.
- One 35 bbl skid drain tank.
- One 500 gallon engine lube oil tank.

The auxiliary equipment and tanks at the compressor site will be installed, maintained, and operated by EPFS. EPFS will be responsible for the hauling and disposal of the waste oil, used glycol filters, wash down water, and condensate and field liquids.

The site rated compressor horsepower will be 18,000.

Item 2

Name of operator or legally responsible party and local representative.

Legally Responsible Party:

Mr. E. Randall West
El Paso Field Services Company
4 Greenway Plaza
Houston, TX 77046
(832) 676-5410

Environmental Manager:

Mr. Douglas Jordan
El Paso Field Services Company
4 Greenway Plaza
Houston, TX 77046
(832) 676-5454

Operator

El Paso Field Services Company
614 Reilly Avenue
Farmington, NM 87401-2634
(505) 325-2841
1-800-203-1347
(24 hour emergency notification)

Item 3

Give a legal description of the location county. Attach a large scale topographic map.

San Juan County, New Mexico

SW/4 of the NW/4, Section 16, and NE/4 of the NE/4, Section 17, Township 29 North, Range 9 West

The topographic map, figure 1, is attached.

Item 4

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

Bureau of Land Management
1235 N. La Plata Highway
Farmington, NM 87401
(505) 599-6332

Item 5

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

A simplified process flow diagram (figure 1 2), site survey (figure 3) and site layout (figure 4) of the compressor site property are included in appendix 1.

Natural gas will enter the site from EPFS's lateral line via both underground and above ground piping. The gas will pass through the unit scrubbers, four Arial compressors with electric motors

and then to a separator and a glycol dehydrator. The gas will then be discharged into EPFS's lateral line.

The facility will also have weekly pigging operations. Condensate and field liquids from the pigging operations, unit scrubbers, and separator will be piped underground to four condensate storage tanks.

Item 6

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

Tanks T-101 through T-104, T-106 and the methanol tank will be from 10 to 15 feet in height above grade. These tanks will rest on a gravel support ring, lined with a high density polyethylene liner to aid leak detectio An unlined earthen berm designed to hold one and one-third (1 '/,) the capacity of the largest interconnected tanks will be *constructed around the perimeter of the tanks to contain their contents in the event of* a tank rupture.

Condensate will be produced during weekly pigging, scrubber and separator operations at the facility. The condensate will be transferred via pipelines from the slug catcher, scrubber and separator to onsite condensat storage tanks, T-101 through T-104.

Skid drains will empty into a piping system that leads to a double-walled steel sump tank, T-107. The sump tank will collect used drips, leaks and spills of lube oil, rainwater falling on the compressor skid, and wash down water. The sump tank will be equipped with a manual leak detection system.

Tank T-108 will be a double-walled steel sump tank collecting produced water from the condensate tanks, T-101 through T-104.

Lube oil will be supplied to the engine by an on-line reservoir on the compressor skid, drips, leaks and s ills of lube oil which occur on the compressor skid will be contained
I P

in tank T-107.

MSD sheets for materials at the site are maintained in EPFS's corporate office and are available upon request.

item 7

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

According to A *Summary of the Regional 6eolo4g of the Permian and San Juan Basin of new Mexico* by Maureen Wilks, PhD, the total dissolved solids (TDS) in the San Juan Basin range from 8,000 ppm to 76,142 ppm. The TDS of produced water will vary within the above range for the Manzanares Compressor Station.

Item 8

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

OIL/WATER Transporters/Disposal Facilities
Waste Management of Four Corners, 101 Spruce St., Farmington, NM (505) 327-6284
Three Rivers Trucking, 604 E. Murray Drive, Farmington, NM 87401 (505) 325-8017
Basin Disposal, Inc., 6 County Road 5046, Bloomfield, NM (505) 632-8036
Giant Refinery Inc., 111 County Road 4990, Bloomfield, NM (505) 632-8024
EPFS, Kutz Hydrocarbon Recovery Facility, East County Road 4900, Bloomfield, NM (505)632-2803

Exempt Waste
Only exempt wastes, such as water from condensate and field liquids, and produced water will be disposed ir Class II injection wells (Basin Disposal).

Used glycol dehydrator filters will be put into 55 gallon drums, drained of all free liquids and removed as needed by Waste Management of Four Corners.

Non-Exempt, Non-Hazardous Waste
Waste oil will be collected as generated from the compressor unit and removed from the site by Dawn Truck New lube oil will be brought to the site by vendors as needed and stored in the on-line reservoir. Waste oil fi the compressor will be taken to EPFS Kutz Hydrocarbon Recovery Facility for storage pending recycling. Engine coolant will be replaced once per year and removed from the site by the current contractor, Dow, for recycling.

Wash down water from the compressor engine will be collected as generated in an underground storage tank. Wash down water will be brought to the facility as needed. A portable washer is kept in the maintenance tru to wash the Compressor engine. Wash down water will be taken to EPFS Kutz Hydrocarbon Recovery Facil for disposal.

Hazardous Waste

No RCRA-listed hazardous wastes will he generated at the facility.

Other Solid Waste

There will be no solid waste or miscellaneous trash disposal at the facility. All solid waste will be brought to the Waste Management dumpsters at the district offices.

Item 9

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

No modifications to the facility are necessary to meet OCD requirements.

Item 10

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

The facility is unmanned but will be inspected daily by an operator. Maintenance will be performed and records will be kept according to EPFS procedures. The integrity of any buried piping installed at the facility will be tested prior to commencement of operation and then re-tested once every five years.

Item 11

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

EPFS will handle all spills and leaks immediately as required by company procedures and will report all spills and leaks according to the requirements of the State of New Mexico as found in NMOCD Rule 116 and WQCC Section 1203. Copies of these regulations are attached in appendix 2.

Item 12

Attach geological and hydrological information for the facility. Depth to and quality of groundwater must be included.

The Manzanares Compressor Station site is located between Manzanares Canyon and Canyon Largo, about I mile east of the San Juan River. Figure I shows the exact location of the site at an elevation of 5700 feet above sea level (asl). The northern edge of Canyon Largo, a principal drainage of the San Juan Basin, is about a half mile south of the compressor station site. Here, the floodplain of Canyon largo is nearly a half mile wide and is defined by the 5580 foot elevation contour. The elevation in Manzanares Canyon due north of the compressor station is 5660 feet asl. This drainage is significantly smaller and more narrow than Canyon Largo. The elevation of the San Juan River floodplain, which ties about 1 mile west of the compressor station, is about 5560 feet asl. Any precipitation runoff from the station drains to Canyon Largo via an unnamed drainage north and west of the site. The USGS Blanco, New Mexico 7.5 minute quadrangle shows all of these drainages as perennial streams. Field observation verified that these drainages are ephemeral.

The Paleocene Nacimiento Formation underlies the compressor station as shown in figure 5. The Nacimiento Formation is a sequence of interbedded mudstones and thin, fine- to coarse-grained sandstones. However, mudstone is the dominant lithology. According to data presented in Stone and others (1983), the Nacimiento is about 1,300 feet thick near the site.

Other mapped units include unconsolidated Quarternay Terrace deposits, Quartenary alluvium and the overlying *San Jose Formation. Terrace deposits are restricted to areas* adjacent to the

San Juan River and Canyon Largo. Figure 5 shows these deposits due south of the compressor station site. Alluvium is restricted to the major drainages and figure 5 shows alluvium in Canyon Largo, Manzanares Canyon and the San Juan River floodplain. Apron deposits (Qaa on figure 5) exist along the San Juan River where mass wasting or alluvial fan deposits cover older alluvium.

Stone and *others (I* 983) *provide data for several* water wells *and one spring in* Township 29 N, Range 9 W. The spring is in the SE NE SW corner of Section 17, less than a half mile from the site. According to Stone and others (1983) the spring emanates from the Nacimiento Formation. Several wells are within one mile of the site. One well taps the Nacimiento Formation at a depth of 275-285 feet and exhibits a static water level of 15 feet. Although this well clearly exhibits strong artesian pressure, other nearby wells are not artesian, drawing water from either the unconfined alluvium or shallow sand units within the Nacimiento.

We believe groundwater beneath the Manzanares Compressor Station site is less than 50 feet deep. Groundwater may be under artesian pressure or unconfined.

Wells supply water for human consumption near the site. The total dissolved solids content of groundwater in this area ranges from about 3000 *mg/L* at the nearby spring to about 300 mg/L at nearby water supply wells.

Item 13

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

All reasonable and necessary measures will be taken to prevent the exceedance of 20 NMAC 6.2-3103 water quality standards should EPFS choose to permanently close the facility. Closure measures will include removal or closure in place of all underground piping and equipment. All tanks will be emptied. No potentially toxic materials or effluents will remain on site. All potential sources of toxic pollutants will be inspected. Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and 20 NMAC 6.2-1203 will be made, and clean-up activities will commence. Post closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

Martin, Ed

From: Martin, Ed
Sent: Friday, July 18, 2003 2:18 PM
To: David Bays (E-mail)
Cc: Foust, Denny
Subject: Discharge Permit Renewals

The following discharge permits will expire (or have expired) this calendar year:

Manzanares Compressor Station GW-301, expired 6/8/03
Martinez Canyon Compressor Station GW-298, expired 7/14/03
Potter Canyon Compressor Station GW-302, expired 7/14/03
Navajo City Compressor Station GW 303, expired 7/14/03
Turley Compressor Station GW-304, expired 7/14/03
Angel Peak 2B3B Compressor Station GW-254, will expire 12/13/03
Angel Peak 2B3A Compressor Station GW-153, will expire 12/31/03

I haven't been real good this year about reminding people about expirations. Just get them in as soon as you can and there should be no problems.

Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 S. St. Francis
Santa Fe, NM 87505
Phone: 505-476-3492
Fax: 505-476-3471

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 7/7/98,

or cash received on ________ in the amount of $ 1380.00

from EPFS

for MANZANARES CS. GW 301

(Facility Name) (DP No.)

Submitted by: ________ Date: ________

Submitted to ASD by: RCAnder Date: 8/10/98

Received in ASD by: ________ Date: ________

Filing Fee ___ New Facility X Renewal ___

Modification ___ Other ________ (specify)

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

IS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM

EL PASO FIELD SERVICES
1001 Louisiana
Houston, TX 77002

CITIBANK
One Penn's Way
New Castle, DE 19720

62-20/311

[redacted]

Date 07/07/98 **Pay Amount** $1,380.00***

Void After One Year

Pay ****ONE THOUSAND THREE HUNDRED EIGHTY AND XX / 100 US DOLLAR****

To The Order Of

NMED WATER QUALITY MANAGEMENT

2040 S PACHECO
SANTA FE, NM 87505

Authorized Signature

[redacted]

Check Date: 07/07/98 **Acct. No.** [redacted] **Check No.** [redacted]

Invoice Number	Invoice Date	Voucher ID	Gross Amount	Discount Available	Paid Amount
DISCHG GW-301	06/30/98	00047419	1,380.00	0.00	1,380.00

MANZANARES DISCHG FEE1998-2003

GW-301

Vendor Number	Vendor Name		Total Discounts	
0000000969	NMED WATER QUALITY MANAGEMENT		$0.00	
Check Number	**Date**	**Total Amount**	**Discounts Taken**	**Total Paid Amount**
[redacted]	07/07/98	$ 1,380.00	0.00	$1,380.00

[redacted]

EL PASO FIELD SERVICES
1001 Louisiana
Houston, TX 77002

CITIBANK
One Penn's Wa[redacted]
New Castle, DE [redacted]720

62-20/311

Date 07/07/98 **Pay Amount** **$1,380.00*****
Void After One Year

Pay ****ONE THOUSAND THREE HUNDRED EIGHTY AND XX / 100 US DOLLAR****

To The Order Of

NMED WATER QUALITY MANAGEMENT

2040 S PACHECO
SANTA FE, NM 87505

Authorized Signature

[redacted]

Check Date: 07/07/98 **Acct. No.** [redacted] **Check No.** [redacted]

Invoice Number	Invoice Date	Voucher ID	Gross Amount	Discount Available	Paid Amount
DISCHG GW-301	06/30/98	00047419	1,380.00	0.00	1,380.00
MANZANARES DISCHG FEE1998-2003					

Vendor Number	Vendor Name			Total Discounts	
0000000969	NMED WATER QUALITY MANAGEMENT			$0.00	
Check Number	**Date**		**Total Amount**	**Discounts Taken**	**Total Paid Amount**
[redacted]	07/07/98		$ 1,380.00	0.00	$1,380.00

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 8, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-869-971

Mr. David Bays
El Paso Field Services Company
614 Reilly Avenue
Farmington, New Mexico 87401-2634

RE: Discharge Plan GW-301
Manzanares Compressor Station
San Juan County, New Mexico

Dear Mr. Bays:

The ground water discharge plan GW-301 for the Manzanares Compressor Station located in the SW/4 NW/4 of Section 16 and the NE/4 NE/4 of Section 17, Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the original discharge plan application, dated April 7, 1998, and the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109. Please note Sections 3109.E and 3109.G., which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve El Paso Field Services Company of liability should operations result in pollution of surface water, ground water, or the environment.

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

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

Pursuant to Section 3109.H.4., this plan is for a period of five years. This approval will expire on June 8, 2003, and El Paso Field Services Company should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan application for the El Paso Field Services Company Manzanares Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of $50 plus a flat fee of $1,380.00 for compressor stations with horsepower rating greater than 3001 horsepower. The flat fee may be paid in a single payment due on the date of the discharge plan approval or in five equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge plan approval. The OCD has received the filing fee.

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

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

Sincerely,

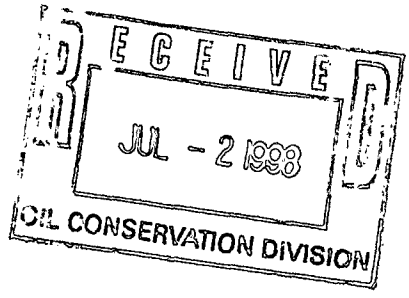
Lori Wrotenbery

Lori Wrotenbery
Director

LW/wjf
Attachment

xc: OCD Aztec Office

EL PASO ENERGY



June 30, 1998

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

Dear Sirs:

Please find enclosed one signed copy of the El Paso Field Services Co. Manzanares Compressor Station Discharge Plan (GW-301) Approval Conditions.

Sincerely yours,

David Bays

David Bays, REM
Principal Environmental Scientist

El Paso Energy Corporation 614 Reilly Avenue Farmington, New Mexico 87401 Phone (505) 325-2841 Fax (505) 599-2119

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 4/21/98.

or cash received on _____ in the amount of $ 50.00

from CSI for EPFS

for Manzanares CS GW301
(Facility Name) (GIP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee XX New Facility ____ Renewal ____

Modification ____ Other _____
(specify)

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment ____ or Annual Increment ____

ENVIRONMENTAL SERVICES, INC.
4665 INDIAN SCHOOL RD. NE, STE. 106 PH. 266-6611
ALBUQUERQUE, NM 87110

[redacted]

DATE 4-21-98

95-32/1070
0109676338

PAY TO THE ORDER OF NM Water Quality Management Fund $ 50.00

Fifty & No/100 DOLLARS

SUNWEST

SUNWEST BANK OF ALBUQUERQUE, N.A.
ALBUQUERQUE, NEW MEXICO 87125-0500 (505) 765-2800

MEMO EP021 - Manzanares

Salley Rodriguez

[redacted]

AFFIDAVIT OF PUBLICATION

No. 39491

STATE OF NEW MEXICO
County of San Juan:

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

Wednesday, May 6, 1998

and the cost of publication is: $82.63

Denise H. Henson-Woodall

On 5-7-98 DENISE H. HENSON WOODALL appeared before me, whom I know personally to be the person who signed the above document.

Rose Adam

My Commission Expires November 1, 2000

COPY OF PUBLICATION

Legals

NOTICE OF PUBLICATION

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

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

(GW-300) - COMPRESSOR SYSTEMS, INC., P.O. Box 60760, Midland, Texas 79711-0760 has submitted an application for their Reed Canyon Compressor Station located in the SE/4 NE/4 of Section 14, Township 26 North, Range 9 West, San Juan County, New Mexico. Approximately 33 gallons per month of waste water with a dissolved solids concentration of 10,000 mg/l is collected in a closed skid-mounted tank and transported off-site to an OCD approved disposal facility. Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of approximately 235 feet with a total dissolved solids concentration of approximately 700 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-301) - EL PASO FIELD SERVICES COMPANY, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted a discharge application for the Manzanares Compressor Station (Trunk A-R) located in the SW/4 NW/4 of Section 16 and NE/4 NE/4 of Section 17, Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 75 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/L, is collected in closed steel tanks prior to transport off-site to an OCD approved facility. Approximately 10 barrels per year of waste water from equipment washdown is collected in a double-walled underground sump prior to transport off-site to an OCD approved disposal facility. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration ranging from 300 mg/l to 3000mg/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(s) may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan application(s), the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 24th day of April 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

/s/Roger C. Anderson
for LORI WROTENBERY
Director

SEAL

Legal No. 39491, published in The Daily Times, Farmington, New Mexico, on Wednesday, May 6, 1998.

The Santa Fe New Mexican

Since 1849. We Read You.

NM OCD
ATTN: SALLY MARTINEZ
2040 S. PACHECO ST.
SANTA FE, NM 87505

AD NUMBER: 23227 ACCOUNT: 56689

LEGAL NO: 63433 P.O. #: 98-199-0002

230 LINES ONCE at $ 92.00

Affidavits: 5.25

Tax: 6.08

Total: $ 103.33

RECEIVED
MAY 8 1998
OIL CONSERVATION DIVISION

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a News paper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 63433 a copy of which is hereto attached was published in said newspaper once each WEEK for ONE consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 1 day of MAY 1998 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 1 day of MAY A.D., 1998

Notary B. Mathie
Commission Expires 3-13-2001

OFFICIAL SEAL
B. MATHIE
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 3-13-2001

NOTICE OF PUBLICATION

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

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(GW-301) - EL PASO FIELD SERVICES COMPANY, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted a discharge application for the Manzanares Compressor Station (Trunk A-R) located in the SW/4 NW/4 of Section 16 and NE/4 NE/4 of Section 17, Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 75 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport off-site to an OCD approved disposal facility. Approximately 10 barrels per year of waste water from equipment washdown is collected in a double-walled underground sump prior to transport off-site to an OCD approved disposal facility. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration ranging from 300 mg/l to 3000 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(s) may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan application(s), the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 24th day of April 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
LORI WROTENBERY,
Director

Legal #63433
Pub. May 1, 1998

NOTICE OF PUBLICATION

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

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(GW-301) - EL PASO FIELD SERVICES COMPANY, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted a discharge application for the Manzanares Compressor Station (Trunk A-R) located in the SW/4 NW/4 of Section 16 and NE/4 NE/4 of Section 17, Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 75 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport off-site to an OCD approved disposal facility. Approximately 10 barrels per year of waste water from equipment washdown is collected in a double-walled underground sump prior to transport off-site to an OCD approved disposal facility. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration ranging from 300 mg/l to 3000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 24th day of April 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

for LORI WROTENBERY, Director

S E A L

[redacted]

ENVIRONMENTAL SERVICES, INC.
4665 INDIAN SCHOOL RD. NE, STE. 106 PH. 266-6611
ALBUQUERQUE, NM 87110

DATE 4-21-98

95-32/1070
0109676338

PAY TO THE ORDER OF NM Water Quality Management Fund $ 50.00

Fifty & No/100 DOLLARS

Security features included. Details on back.

SUNWEST

SUNWEST BANK OF ALBUQUERQUE, N.A.
ALBUQUERQUE, NEW MEXICO 87125-0500 (505) 765-2600

MEMO EP021 - Manzanares

[redacted]

FIVE LINE

GW-301

environmental SERVICES inc.
esi

April 21, 1998

GW-301

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

Subject: Discharge Plan Application, Manzanares Compressor Station (Trunk A-R), San Juan County, NM

Dear Mr. Anderson

On behalf of El Paso Field Services (EPFS), I am enclosing two copies of a discharge plan application for the, Manzanares Compressor Station (Trunk A-R). Please note that the facility will be constructed, owned, and operated by EPFS.

The $50.00 application fee is also enclosed. If you have any question, please don't hesitate to contact me or David Bays at (505) 599-2256.

Sincerely

Melinda G. Hunt

Melinda G. Hunt

cc: David Bayes, EPFS (3 copies)
Denny Foust, OCD Aztec office

4665 INDIAN SCHOOL NE
SUITE 106
ALBUQUERQUE
NEW MEXICO
87110
PHO 505 266 6611
FAX 505 266 7738

~~Work Copy~~
GW-301

Application for Groundwater Discharge Plan

Manzanares Compressor Station
Trunk A-R

prepared for

El Paso Field Services Company
614 Reilly Avenue
Farmington, New Mexico 87401

April 1998

EP 021

environmental services inc.

4665 INDIAN SCHOOL NE
SUITE 106
ALBUQUERQUE
NEW MEXICO
87110

environmental SERVICES inc.
esi

April 21, 1998

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

Subject: Discharge Plan Application, Manzanares Compressor Station (Trunk A-R), San Juan County, NM

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Sincerely

Melinda G. Hunt

Melinda G. Hunt

cc: David Bayes, EPFS (3 copies)
Denny Foust, OCD Aztec office

4665 INDIAN SCHOOL NE
SUITE 106
ALBUQUERQUE
NEW MEXICO
87110
PHO 505 266 6611
FAX 505 266 7738

[redacted]

ENVIRONMENTAL SERVICES, INC.
4665 INDIAN SCHOOL RD. NE, STE. 106 PH. 266-6611
ALBUQUERQUE, NM 87110

DATE 4-21-98

95-32/1070
0109676338

PAY TO THE ORDER OF NM Water Quality Management Fund $ 50.00

Fifty & No/100 DOLLARS

Security features included. Details on back.

© DELUXE CHD-STUB.DBK

SUNWEST

SUNWEST BANK OF ALBUQUERQUE, N.A.
ALBUQUERQUE, NEW MEXICO 87125-0500 (505) 765-2800

MEMO EP021 - Manzanares

Sally Rodriguez

MP

[redacted]

FINE LINE

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

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

Revised 12/1/95

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

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

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

☒ New ☐ Renewal ☐ Modification

1. Type: Manzanares Compressor Station (Trunk A-R)
2. Operator: El Paso Field Services Company

   Address: 614 Reilly Avenue, Farmington, New Mexico 87401-2634

   Contact Person: David Bays Phone: (505) 599-2256
3. Location: NE/4 SW/4 NE/4 NW/4 Section 17 16 Township 29N 29N Range 9W 9W

   Submit large scale topographic map showing exact location. (See figure 1)
4. Attach the name, telephone number and address of the landowner of the facility site. (See Item 4)
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility. (See Item 5)
6. Attach a description of all materials stored or used at the facility. (See Item 6)
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included. (See Item 7)
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures. (See Item 8)
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems. (See Item 9)
10. Attach a routine inspection and maintenance plan to ensure permit compliance. (See Item 10)
11. Attach a contingency plan for reporting and clean-up of spills or releases. (See Item 11)
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included. (See Item 12)
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. (See Item 13)
14. CERTIFICATION

I herby 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 Bays Date: 4/7/98

Item 1

Indicate the major operational purpose of the facility. If the facility is a compressor station include the total combined site rated horsepower.

Manzanares Compressor Station (Trunk A-R), is a natural gas compressor station owned and operated by El Paso Field Services Company (EPFS). The site will include the following equipment—

- Pigging operations.
- Four inlet scrubbers.
- Four portable skid-mounted Arial compressors with electric motors.
- One gas cooler.
- One absorber tower.
- One coalescing filter separator.
- One glycol regenerator skid.
- One thermal oxidizer.
- One 90 bbl glycol storage tank.
- One 210 bbl methanol storage tank.
- Four 1000 bbl condensate storage tanks.
- One 120 bbl water and condensate tank.
- One 35 bbl skid drain tank.
- One 500 gallon engine lube oil tank.

The auxiliary equipment and tanks at the compressor site will be installed, maintained, and operated by EPFS. EPFS will be responsible for the hauling and disposal of the waste oil, used glycol filters, wash down water, and condensate and field liquids.

The site rated compressor horsepower will be 18,000.

Item 2

Name of operator or legally responsible party and local representative.

Legally Responsible Party	Robert Cavnar El Paso Field Services Company 1001 Louisiana Street Houston, TX 77002 PO Box 2511 Houston, TX 77252-2511 (713) 757-2131
Local Representative	Sandra D. Miller El Paso Field Services Company 614 Reilly Avenue Farmington, NM 87401-2634 (505) 599-2141
Operator	El Paso Field Services Company 614 Reilly Avenue Farmington, NM 87401-2634 (505) 325-2841 1-800-203-1347 (24 hour emergency notification)

Item 3

Give a legal description of the location and county. Attach a large scale topographic map.

San Juan County, New Mexico
Township 29 North, Range 9 West, SW/4 of the NW/4, Section 16,
and NE/4 of the NE/4, Section 17

The topographic map, figure 1, is located in appendix 1.

Item 4

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

Bureau of Land Management
1235 N. La Plata Highway
Farmington, NM 87401
(505) 599-6332

Item 5

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

A simplified process flow diagram (figure 2), site survey (figure 3) and site layout (figure 4) of the compressor site property are included in appendix 1.

Natural gas will enter the site from EPFS's lateral line via both underground and above ground piping. The gas will pass through the unit scrubbers, four Arial compressors with electric motors and then to a separator and a glycol dehydrator. The gas will then be discharged into EPFS's lateral line.

The facility will also have weekly pigging operations. Condensate and field liquids from the pigging operations, unit scrubbers, and separator will be piped underground to four condensate storage tanks.

Item 6

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

Container	ID	Material	Form	Volume	Location	Containment
Steel AGT-elev	Condensate tanks T-101, T-102, T-103 & T-104	Condensate & field liquids	Liquid	1000 bbl	200 feet away from facility components	Impermeable barrier surrounded by gravel, dirt berm secondary containment
Steel BGT	Skid drain tank T-107	Lube oil & wash down water	Liquid	35 bbl	Near compressors	Double-walled steel sump tank
Steel BGT	Produced water tank T-108	Produced water	Liquid	120 bbl	Near condensate tanks	Double-walled steel sump tank
Steel AGT-elev	Engine lube oil T-105	Compressor lube oil	Liquid	500 gal	On compressor skids	Steel containment basin (compressor skid)
Steel AGT-elev	Methanol storage	Methanol	Liquid	210 bbl	Adjacent to condensate tanks	Impermeable barrier surrounded by gravel, dirt berm secondary containment
Steel AGT-elev	Glycol storage T-106	Glycol	Liquid	90 bbl	On glycol regen skids	Impermeable barrier surrounded by gravel, dirt berm secondary containment

AGT—above ground tank (non-pressurized)
AGT-elev—above ground tank elevated or on saddle rack
Drum—55-gallon drum
BGT-below ground tank

Tanks T-101 through T-104, T-106 and the methanol tank will be from 10 to 15 feet in height above grade. These tanks will rest on a gravel support ring lined with a high density polyethylene liner to aid leak detection. An unlined earthen berm designed to hold one and one-third (1 $^1/_3$) the capacity of the largest interconnected tanks will be constructed around the perimeter of the tanks to contain their contents in the event of a tank rupture.

Condensate will be produced during weekly pigging, scrubber and separator operations at the facility. The condensate will be transferred via pipelines from the slug catcher, scrubber and separator to onsite condensate storage tanks, T-101 through T-104.

Skid drains will empty into a piping system that leads to a double-walled steel sump tank, T-107. The sump tank will collect used drips, leaks and spills of lube oil, rainwater falling on the compressor skid, and wash down water. The sump tank will be equipped with a manual leak detection system.

Tank T-108 will be a double-walled steel sump tank collecting produced water from the condensate tanks, T-101 through T-104.

Lube oil will be supplied to the engine by an on-line reservoir on the compressor skid. Drips, leaks and spills of lube oil which occur on the compressor skid will be contained in tank T-107.

MSD sheets for materials at the site are maintained in EPFS's corporate office and are available upon request.

Item 7

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

Source	Type of waste	Volume	Quality
Compressors via the skid drains	Spills, leaks and drips of engine oil, wash down water	10 bbl/year	Used lube oil with no additives;Water with detergents
	Collected rain water on skid	varies per rain event	Water with used lube oil
Glycol dehydrator	Used filters	10 filters/month	No additives
Pigging operations, unit scrubbers, separators	Condensate and field liquids	3000 bbl/month	No additives
T-101 through T-104	Produced water	75 bbl/month	No additives

According to *A Summary of the Regional Geology of the Permian and San Juan Basins of New Mexico* by Maureen Wilks, PhD, the total dissolved solids (TDS) in the San Juan Basin range from 8,000 ppm to 76,142 ppm. The TDS of produced water will vary within the above range for the Manzanares Compressor Station.

Item 8

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

Type of Waste	Collection	Storage	Hauler	Disposal
Used oil, wash down water, collected rain water	Drained to an underground storage sump	Double-walled steel sump tank	Removed as generated by Dawn Trucking	EPFS, Kutz Hydrocarbon Recovery Facility
Used filters	Collected when replaced	Steel drum	Removed as generated by Waste Management	Crouch Mesa Landfill
Condensate, field liquids and produced water	Underground steel pipes	Steel tanks	Water and Hydrocarbons—Dawn Trucking	Water—Basin Disposal; Hydrocarbons—Giant Refinery, Inc.

OCD Transporters/Disposal Facilities

Waste Management of Four Corners, 101 Spruce St., Farmington, NM (505) 327-6284
Dawn Trucking Company, 16 County Road 5860, Farmington, NM (505) 327-6314
Basin Disposal, Inc., 6 County Road 5046, Bloomfield, NM (505) 632-8936
Giant Refinery Inc., 111 County Road 4990, Bloomfield, NM (505) 632-8024
EPFS, Kutz Hydrocarbon Recovery Facility, East County Road 4900, Bloomfield, NM (505)632-2803

Exempt Waste

Only exempt wastes, such as water from condensate and field liquids, and produced water will be disposed in Class II injection wells (Basin Disposal).

Used glycol dehydrator filters will be put into 55 gallon drums, drained of all free liquids and removed as needed by Waste Management of Four Corners.

Non-Exempt, Non-Hazardous Waste

Waste oil will be collected as generated from the compressor unit and removed from the site by Dawn Trucking. New lube oil will be brought to the site by vendors as needed and stored in the on-line reservoir. Waste oil from the compressor will be taken to EPFS Kutz Hydrocarbon Recovery Facility for storage pending recycling. Engine coolant will be replaced once per year and removed from the site by the current contractor, Dow, for recycling.

Wash down water from the compressor engine will be collected as generated in an underground storage tank. Wash down water will be brought to the facility as needed. A

portable washer is kept in the maintenance truck to wash the compressor engine. Wash down water will be taken to EPFS Kutz Hydrocarbon Recovery Facility for disposal.

Hazardous Waste

No RCRA-listed hazardous wastes will be generated at the facility.

Other Solid Waste

There will be no solid waste or miscellaneous trash disposal at the facility. All solid waste will be brought to the Waste Management dumpsters at the district offices.

Item 9

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

No modifications to the facility are necessary to meet NMOCD requirements.

Item 10

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

The facility is unmanned but will be inspected daily by an operator. Maintenance will be performed and records will be kept according to EPFS procedures. The integrity of any buried piping installed at the facility will be tested prior to commencement of operation and then re-tested once every five years.

Item 11

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

EPFS will handle all spills and leaks immediately as required by company procedures and will report all spills and leaks according to the requirements of the State of New Mexico as found in NMOCD Rule 116 and WQCC Section 1203. Copies of these regulations are attached in appendix 2.

Item 12

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

The Manzanares Compressor Station site is located between Manzanares Canyon and Canyon Largo, about 1 mile east of the the San Juan River. Figure 1 shows the exact location of the site at an elevation of 5700 feet above sea level (asl). The northern edge of Canyon Largo, a principal drainage of the San Juan Basin, is about a half mile south of the compressor station site. Here, the floodplain of Canyon Largo is nearly a half mile wide and is defined by the 5580 foot elevation contour. The elevation in Manzanares Canyon due north of the compressor station is 5660 feet asl. This drainage is significantly smaller and more narrow than Canyon Largo. The elevation of the San Juan River floodplain, which lies about 1 mile west of the compressor station, is about 5560 feet asl. Any precipitation runoff from the station drains to Canyon Largo via an unnamed drainage north and west of the site. The USGS Blanco, New Mexico 7.5 minute quadrangle shows all of these drainages as perennial streams. Field observation verified that these drainages are ephemeral.

The Paleocene Nacimiento Formation underlies the compressor station as shown in figure 5. The Nacimiento Formation is a sequence of interbedded mudstones and thin, fine- to coarse-grained sandstones. However, mudstone is the dominant lithology. According to data presented in Stone and others (1983), the Nacimiento is about 1,300 feet thick near the site.

Other mapped units include unconsolidated Quarternay Terrace deposits, Quarternary alluvium and the overlying San Jose Formation. Terrace deposits are restricted to areas adjacent to the San Juan River and Canyon Largo. Figure 5 shows these deposits due south of the compressor station site. Alluvium is restricted to the major drainages and figure 5 shows alluvium in Canyon Largo, Manzanares Canyon and the San Juan River floodplain. Apron deposits (Qaa on figure 5) exist along the San Juan River where mass wasting or alluvial fan deposits cover older alluvium.

Stone and others (1983) provide data for several water wells and one spring in Township 29 N, Range 9 W. The spring is in the SE NE SW corner of Section 17, less than a half mile from the site. According to Stone and others (1983) the spring emanates from the Nacimiento Formation. Several wells are within one mile of the site. One well taps the Nacimiento Formation at a depth of 275-285 feet and exhibits a static water level of 15 feet. Although this well clearly exhibits strong artesian pressure, other nearby wells are not artesian, drawing water from either the unconfined alluvium or shallow sand units within the Nacimiento.

We believe groundwater beneath the Manzanares Compressor Station site is less than 50 feet deep. Groundwater may be under artesian pressure or unconfined.

Wells supply water for human consumption near the site. The total dissolved solids content of groundwater in this area ranges from about 3000 mg/l at the nearby spring to about 300 mg/l at nearby water supply wells.

Item 13

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

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

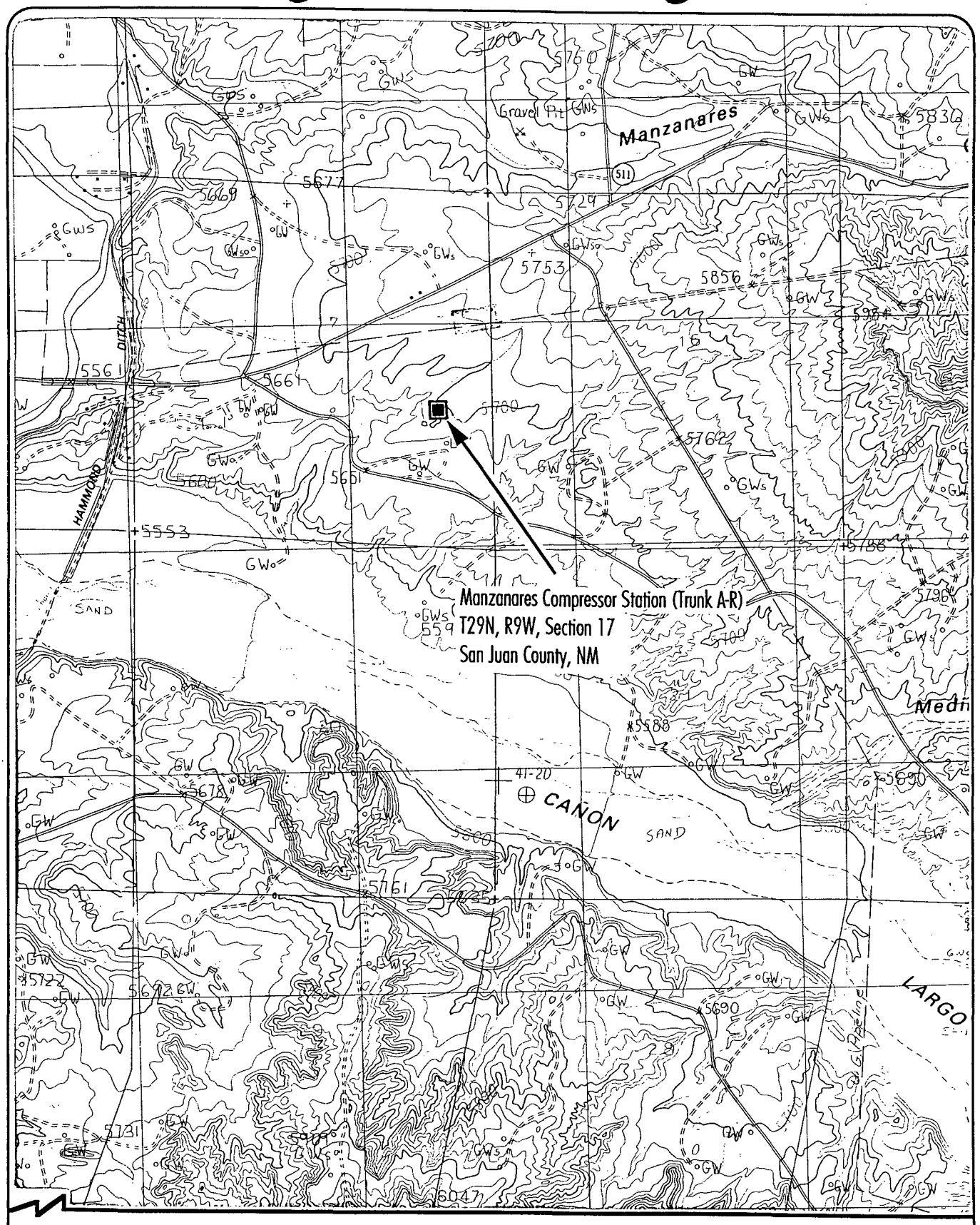


Figure 1
Location of Facility
Blanco, 7.5 Minute Quadrangle

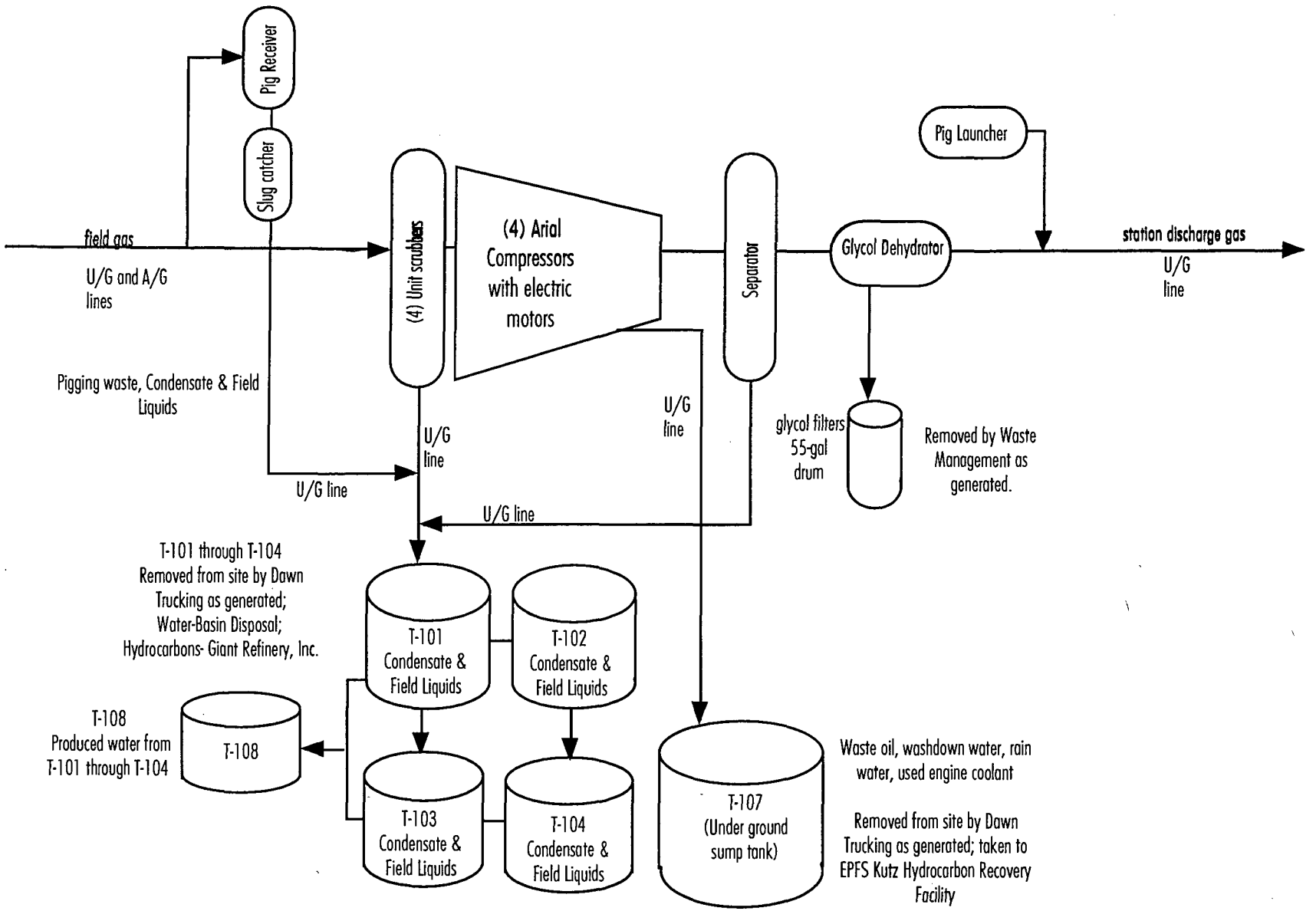
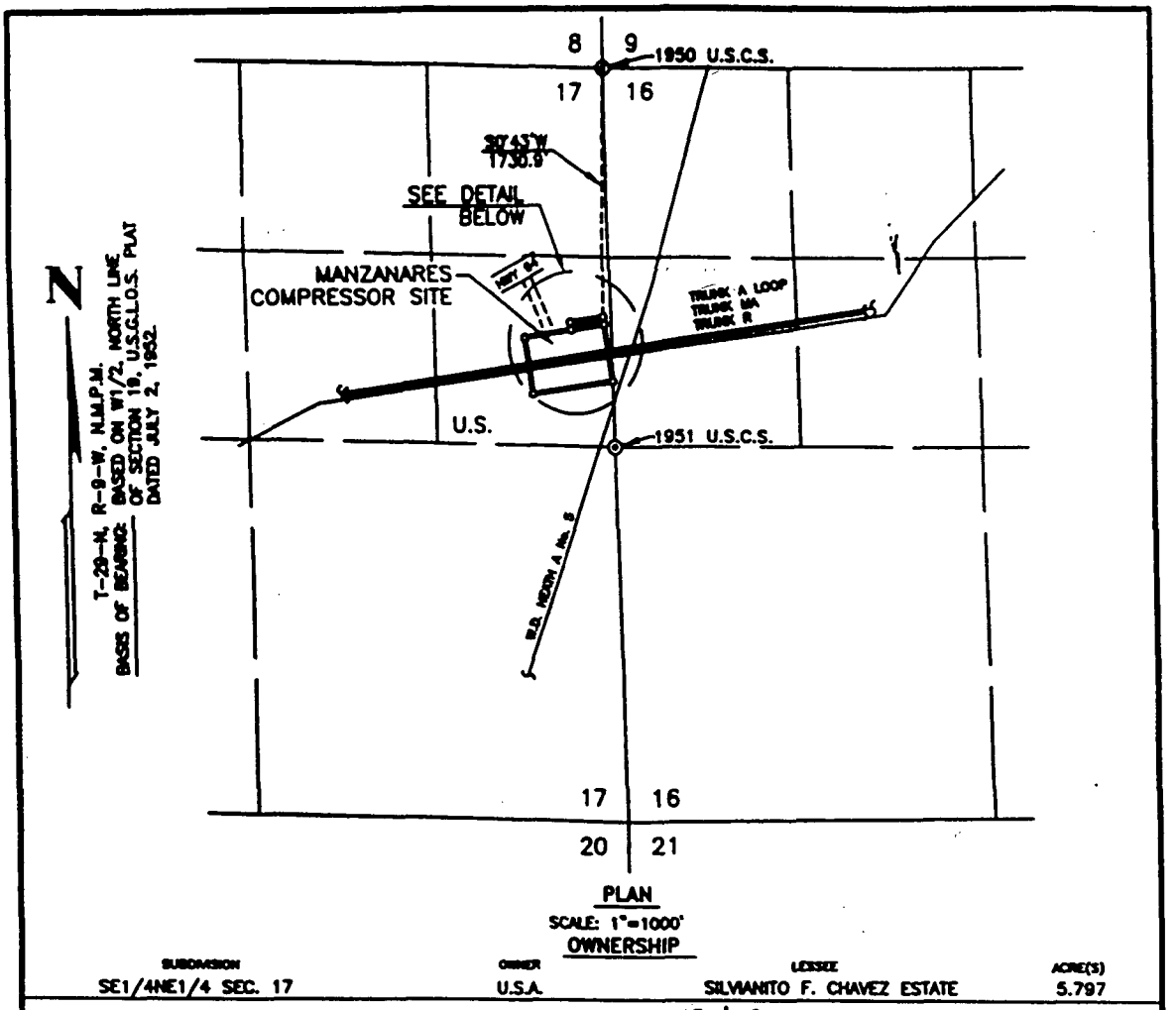


Figure 2
Manzanares Compressor Station (Trunk A-R)
Effluent Production Diagram

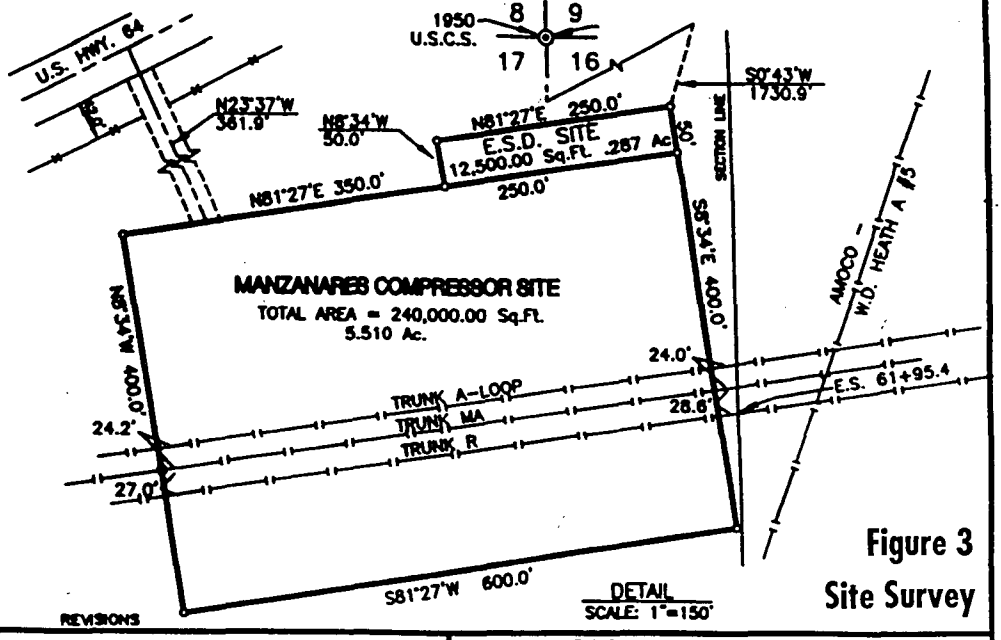


PLAN

SCALE: 1"=1000'

OWNERSHIP

SUBDIVISION	OWNER	LESSEE	ACRE(S)
SE1/4NE1/4 SEC. 17	U.S.A.	SILVIANITO F. CHAVEZ ESTATE	5.797



DETAIL

SCALE: 1"=150'

Figure 3

Site Survey

REF. DWG.: R731.0-2 (12)

REVISIONS

NO.	DATE	TO	W.O.
4		REVISED R/W No. & ADDED WO# (10/23/97/MD)	
3		SITE EXPANDED PER SURVEY DATED 8/18/97 (9/14/97 TD)	
1	7/9/97	R/W	
4		SJ DIST.	
1		EP DIST.	
1	10/23/97	R/W	
4		SJ DIST.	
1		EP DIST.	
1		TRIGON ENGR. INC.	

PRINT RECORD

ENG. REC.		DATE
DRAWN	MD	8/18/95
CHECKED		
CHECKED		
PROJ. APP.		
SURVEYED		7/27/95
CAD NO. 73112X13		
R/W NO. 977264		
W.O. 3529		

EL PASO FIELD SERVICES

BLANCO GATHERING SYSTEM
MANZANARES COMPRESSOR SITE
SECTION 17, TOWNSHIP 29-N, RANGE 9-W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

SCALE SHOWN | DWG. NO. 731.12-X-13 | REV. 4

FM97 (Rev. 1/97)

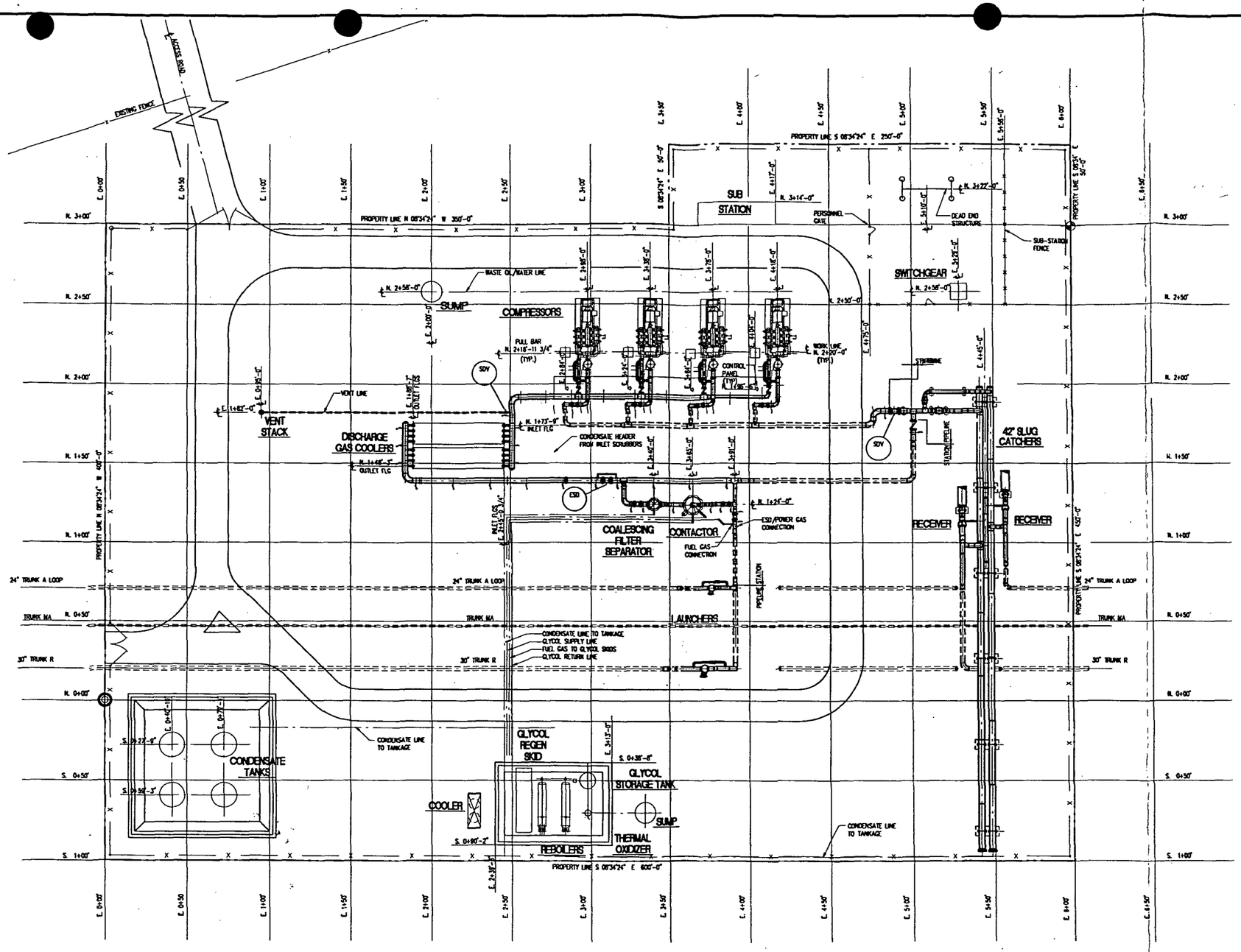


Figure 4

Site Layout

TRICON ENGINEERING INC
DENVER, COLO. & FARMINGTON, N.M.

COMPRESSOR SYSTEMS, INC.

EL PASO FIELD SERVICES

MANZANARES COMPRESSOR STATION (TRUNK A-R0

YARD PIPING ARRANGEMENT

SECTION 17, T-29-N, R-9-W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

ENG. RECORD		DATE
DRAFTING	SDR	12/4/97
DESIGN		
COMPUTER AIDED DRAFTING	SDR	12/4/97
CHECKED		
PROJECT APPROVAL		
DESIGN APPROVAL		
COMPUTER SAVE NAME	MZ2P1A	

NO	DATE	BY	DESCRIPTION
A	12/4/97	SDR	ISSUED FOR CLIENT APPROVAL

REVISIONS

DWG. NO.	TITLE

REFERENCE DRAWINGS

W.O.	APP. PRT. SEP	DATE	TO	W.O.

PRINT RECORD

LEGEND

SCALE: 1"=30'-0"

W.O.:

DWG. NO. MZ-2-P1A

REV. A

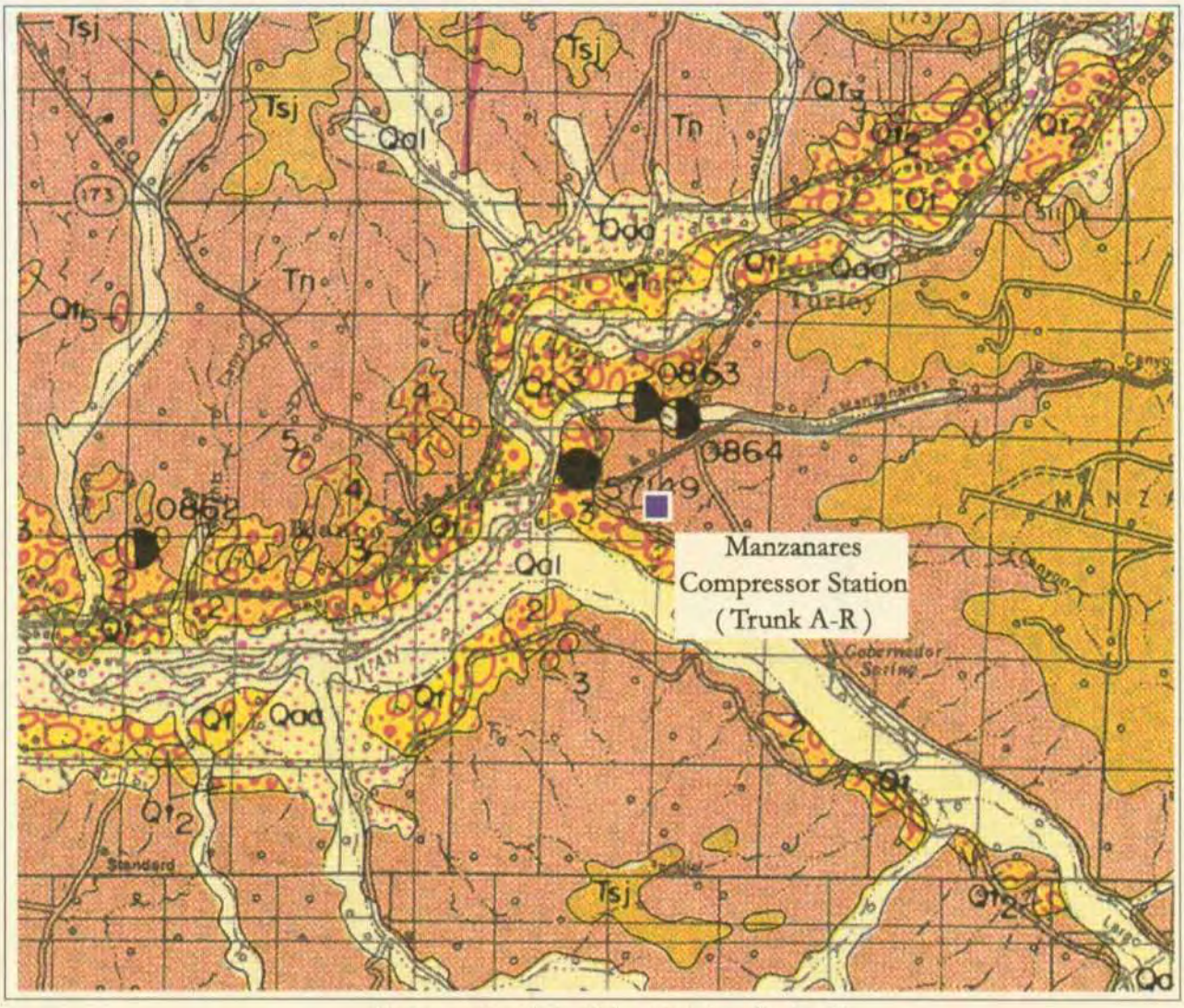
PLOT INIT.

PLOT DATE:

DGN'D BY:

DGN DATE:

FILE NUMBER: MZP1A



(Map source: New Mexico Highway Dept. Aztec Quadrangle)

Explantion:

Qal	Alluvium
Qt	Terrace deposits (post-glacial)
Qt3	Terrace deposits (Late Bull Lake)
Tsj	San Jose Formation
Tn	Nacimiento Formation

N

.5 0 1 mile

Figure 5
Geologic Map

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

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION FOR THE PURPOSE
OF CONSIDERING:

CASE NO. 11352
ORDER NO. R-10766

APPLICATION OF THE NEW MEXICO
OIL CONSERVATION DIVISION TO
AMEND RULE 116 OF ITS GENERAL
RULES AND REGULATIONS PERTAINING
TO THE NOTIFICATION OF FIRES, BREAKS,
LEAKS, SPILLS AND BLOWOUTS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 29, 1996 and November 14, 1996 at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 13th day of February, 1997, the Commission, a quorum being present, having considered the record and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) On August 3, 1995, the Commission commenced a public hearing to consider revisions to current Oil Conservation Division (OCD) Rule 116 which deals with spill/release reporting requirements.

(3) On August 25, 1995, the Chairman of the Commission appointed a Rule 116 Committee (Committee) to study this matter and to report to the Chairman of the Commission by February 1, 1996.

(4) On October 29, 1996, the Commission commenced a public hearing to hear testimony on Rule 116 revisions. The appointed chairman of the Committee and other witnesses presented the Committee report containing recommended rule changes in the form of a draft rule. The Committee draft rule was made a part of the public record and distributed to all those requesting a copy.

(5) On November 14, 1996 the Commission continued the public hearing and received additional testimony from Marathon Oil Company, the U.S. Bureau of Land Management (BLM), Public Service Company of New Mexico (PNM), Southwest Research and Information Center, and New Mexico Citizens for Clean Air and Water on the Committee draft rule.

The record was then left open for an additional two weeks for additional comment. Written comment was received from Giant Industries, El Paso Natural Gas Company, Mack Energy, Yates Petroleum, Marathon Oil Company, OCD, Amerada Hess, Texaco Exploration and Production Company and PNM.

(6) The Committee unanimously recommended additional definitions for incorporation in Rule 116 which were

(7) The Committee unanimously recommended the adoption of a new reporting form which was noncontroversial and should be incorporated into the new rule.

(8) Much of the testimony and many of the written comments concerned whether releases of natural gas should be reportable releases under Rule 116. El Paso, Amerada Hess and others make the argument that a requirement to report small volumes of released gas is impractical because such releases are impossible to quantify and that this reporting requirement would be extremely difficult to enforce since natural gas releases to the atmosphere do not leave evidence of the occurrence as oil does.

Those advancing the argument to require reporting of natural gas releases (OCD, BLM and others) argue that reporting is necessary for public safety and waste-of-resource reasons. Also since the BLM already requires gas release reporting, this requirement would not further burden industry.

The Commission believes that a "best guess" is better than "no guess" in estimating and reporting natural gas releases and as long as the BLM requires these releases to be reported, industry will not be further burdened by similar reporting to the OCD. Also by limiting the reporting to "unauthorized" releases of natural gas there are many categories of "authorized" releases such as permitted flares and drill stem test releases which do not require reporting.

(9) The Commission should adopt the simplified version of classifying volumes of released fluid and gas into "major" and "minor" releases with different reporting requirements for each release; this was a noncontroversial recommendation.

(10) The lack of a requirement in OCD's current rules for remediation of spills is the main reason for the proposed revisions to current Rule 116. The Committee unanimously agreed on the language requiring that a remediation plan or abatement plan be submitted to the OCD for approval. The Commission concurs.

(11) The witness for the New Mexico Citizens for Clean Air and Water recommended adding provisions for the reporting of cumulative effects of spills. Although in principle this proposal has merit, the Commission believes that it would be extremely difficult to quantify and relate volumes, timeframes and acreage into a usable and understandable rule which would not cause confusion.

(12) The Commission concurs with the recommendation to incorporate into Rule 116 the notification requirements formerly contained in Section N of the Committee draft Rule 19. This consolidates reporting requirements and eliminates confusion.

(13) Adoption of the Committee proposed Rule 116, as amended, and shown on Exhibit "A" attached hereto, will prevent waste of valuable hydrocarbons and protect human health and the environment.

IT IS THEREFORE ORDERED THAT:

(1) OCD Rule 116 is hereby amended, compiled, recodified and adopted as shown in Exhibit "A", attached hereto and made a part of this order.

(2) Rule 116 as amended shall be effective as of the date said order is filed with the State Records Center.

(3) OCD Form C-141, entitled "Release Notification and Corrective Action", shown as Exhibit "B" attached hereto, is hereby adopted for industry use in filing timely written notification to the OCD District Offices.

(4) Jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinafter designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

signed by
JAMI BAILEY, Member

signed by
WILLIAM W. WEISS, Member

signed by
WILLIAM J. LEMAY, Chairman

S E A L

EXHIBIT A

116 RELEASE NOTIFICATION AND CORRECTIVE ACTION

116.A. NOTIFICATION:

(1) The Division shall be notified of any **unauthorized** release occurring during the drilling, producing, storing, disposing, injecting, transporting, servicing or processing of crude oil, natural gases, produced water, condensate or oil field waste including Regulated NORM, or other oil field related chemicals, contaminants or mixture thereof, in the State of New Mexico in accordance with the requirements of this Rule. {1-1-50... - - 97]

(2) The Division shall be notified in accordance with this Rule with respect to **any** release from any facility of oil or other water contaminant, in such quantity as may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [- 97]

116.B. REPORTING REQUIREMENTS: Notification of the above releases shall be made by the person operating or controlling either the release or the location of the release in accordance with the following requirements:

(1) A **Major Release** shall be reported by giving **both** immediate verbal notice and timely written notice pursuant to Paragraphs C(1) and C(2) of this Rule. A Major Release is:

(a) an unauthorized release of a volume, excluding natural gases, in excess of 25 barrels;

(b) an unauthorized release of any volume which:

(i) results in a fire;

(ii) will reach a water course;

(iii) may with reasonable probability endanger public health; or

(iv) results in substantial damage to property or the environment;

(c) an unauthorized release of natural gases in excess of 500 mcf; or

(d) a release of any volume which may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3).[- 97]

(2) A **Minor Release** shall be reported by giving timely written notice pursuant to Paragraph C(2) of this Rule. A Minor Release is an unauthorized release of a volume, greater than 5 barrels but not more than 25 barrels; or greater than 50 mcf but less than 500 mcf of natural gases. [- -97]

116.C. CONTENTS OF NOTIFICATION:

(1) **Immediate verbal notification** required pursuant to Paragraph B shall be reported within twenty-four (24) hours of discovery to the Division District Office for the area within which the release takes place. In addition, **immediate verbal notification** pursuant to Subparagraph B.(1).(d). shall be reported to the Division's Environmental Bureau Chief. This notification shall provide the information required on Division Form C-141. [5-22-73... - -97]

(2) **Timely written notification** is required to be reported pursuant to Paragraph B within fifteen (15) days to the Division District Office for the area within which the release takes place by completing and filing Division Form C-141. In addition, timely written notification required pursuant to Subparagraph B.(1).(d). shall also be reported to the Division's Environmental Bureau Chief within fifteen (15) days after the release is discovered. The written notification shall verify the prior verbal notification and provide any appropriate

additions or corrections to the information contained in the prior verbal notification. [5-22-73... - -97]

116.D. CORRECTIVE ACTION: The responsible person must complete Division approved corrective action for releases which endanger public health or the environment. Releases will be addressed in accordance with a remediation plan submitted to and approved by the Division or with an abatement plan submitted in accordance with Rule 19 (19 NMAC 15.A.19). [- -97].

B. Plans, specifications and reports required by this Section, if related to facilities for the production, refinement and pipeline transmission of oil and gas, or products thereof, shall be filed instead with the Oil Conservation Division. [1-4-68, 12-1-95]

C. Plans and specifications required to be filed under this Section must be filed prior to the commencement of construction. [9-3-72]

1203. NOTIFICATION OF DISCHARGE--REMOVAL.

A. With respect to any discharge from any facility of oil or other water contaminant, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, the following notifications and corrective actions are required: [2-17-74, 12-24-87]

1. As soon as possible after learning of such a discharge, but in no event more than twenty-four (24) hours thereafter, any person in charge of the facility shall orally notify the Chief of the Ground Water Protection and Remediation Bureau of the department, or his counterpart in any constituent agency delegated responsibility for enforcement of these rules as to any facility subject to such delegation. To the best of that person's knowledge, the following items of information shall be provided:

a. the name, address, and telephone number of the person or persons in charge of the facility, as well as of the owner and/or operator of the facility;

b. the name and address of the facility;

c. the date, time, location, and duration of the discharge;

d. the source and cause of discharge;

e. a description of the discharge, including its chemical composition;

f. the estimated volume of the discharge; and

g. any actions taken to mitigate immediate damage from the discharge.
[2-17-74, 2-20-81, 12-24-87, 12-1-95]

2. When in doubt as to which agency to notify, the

person in charge of the facility shall notify the Chief of the Ground Water Protection and Remediation Bureau of the department. If that department does not have authority pursuant to commission delegation, the department shall notify the appropriate constituent agency. [12-24-87, 12-1-95]

3. Within one week after the discharger has learned of the discharge, the facility owner and/or operator shall send written notification to the same department official, verifying the prior oral notification as to each of the foregoing items and providing any appropriate additions or corrections to the information contained in the prior oral notification. [12-24-87]

4. The oral and written notification and reporting requirements contained in this Subsection A are not intended to be duplicative of discharge notification and reporting requirements promulgated by the Oil Conservation Commission (OCC) or by the Oil Conservation Division (OCD); therefore, any facility which is subject to OCC or OCD discharge notification and reporting requirements need not additionally comply with the notification and reporting requirements herein. [2-17-74, 12-24-87]

5. As soon as possible after learning of such a discharge, the owner/operator of the facility shall take such corrective actions as are necessary or appropriate to contain and remove or mitigate the damage caused by the discharge. [2-17-74, 12-24-87]

6. If it is possible to do so without unduly delaying needed corrective actions, the facility owner/operator shall endeavor to contact and consult with the Chief of the Ground Water Protection and Remediation Bureau of the department or appropriate counterpart in a delegated agency, in an effort to determine the department's views as to what further corrective actions may be necessary or appropriate to the discharge in question. In any event, no later than fifteen (15) days after the discharger learns of the discharge, the facility owner/operator shall send to said Bureau Chief a written report describing any corrective actions taken and/or to be taken relative to the discharge. Upon a written request and for good cause shown, the Bureau Chief may extend the time limit beyond fifteen (15) days. [12-24-87, 12-1-95]

7. The Bureau Chief shall approve or disapprove in writing the foregoing corrective action report within thirty (30) days of its receipt by the department. In the event that the report is not satisfactory to the department, the Bureau Chief shall specify in writing to the facility owner/operator any shortcomings in the report or in the corrective actions already taken or proposed to be taken relative to the discharge, and shall give the facility owner/operator a reasonable and clearly specified

time within which to submit a modified corrective action report. The Bureau Chief shall approve or disapprove in writing the modified corrective action report within fifteen (15) days of its receipt by the department. [12-24-87]

8. In the event that the modified corrective action report also is unsatisfactory to the department, the facility owner/operator has five (5) days from the notification by the Bureau Chief that it is unsatisfactory to appeal to the department secretary. The department secretary shall approve or disapprove the modified corrective action report within five (5) days of receipt of the appeal from the Bureau Chief's decision. In the absence of either corrective action consistent with the approved corrective action report or with the decision of the secretary concerning the shortcomings of the modified corrective action report, the department may take whatever enforcement or legal action it deems necessary or appropriate. [12-24-87, 12-1-95]

9. If the secretary determines that the discharge causes or may with reasonable probability cause water pollution in excess of the standards and requirements of Section 4103 of this Part, and the water pollution will not be abated within one hundred and eighty (180) days after notice is required to be given pursuant to Section 1203.A.1 of this Part, the secretary may notify the facility owner/operator that he is a responsible person and that an abatement plan may be required pursuant to Sections 4104 and 4106.A of this Part. [12-1-95]

B. Exempt from the requirements of this Section are continuous or periodic discharges which are made: [2-17-74]

1. in conformance with regulations of the commission and rules, regulations or orders of other state or federal agencies; or [2-17-74]

2. in violation of regulations of the commission, but pursuant to an assurance of discontinuance or schedule of compliance approved by the commission or one of its duly authorized constituent agencies. [2-17-74]

C. As used in this Section and in Sections 4100 through 4115, but not in other Sections of this Part: [2-17-74, 12-1-95]

1. "discharge" means spilling, leaking, pumping, pouring, emitting, emptying, or dumping into water or in a location and manner where there is a reasonable probability that the discharged substance will reach surface or subsurface water; [2-17-74]

2. "facility" means any structure, installation, operation, storage tank, transmission line, motor vehicle, rolling

stock, or activity of any kind, whether stationary or mobile; [2-17-74]

3. "oil" means oil of any kind or in any form including petroleum, fuel oil, sludge, oil refuse and oil mixed with wastes; [2-17-74]

4. "operator" means the person or persons responsible for the overall operations of a facility; and [12-24-87]

5. "owner" means the person or persons who own a facility, or part of a facility. [12-24-87]

D. Notification of discharge received pursuant to this Part or information obtained by the exploitation of such notification shall not be used against any such person in any criminal case, except for perjury or for giving a false statement. [2-17-74]

E. Any person who has any information relating to any discharge from any facility of oil or other water contaminant, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, is urged to notify the Chief of the Ground Water Protection and Remediation Bureau of the department. Upon such notification, the secretary may require an owner/operator or responsible person to perform corrective actions pursuant to Sections 1203.A.5 or 1203.A.9 of this Part. [12-1-95]

[1204-1209] Reserved

1210. VARIANCE PETITIONS.

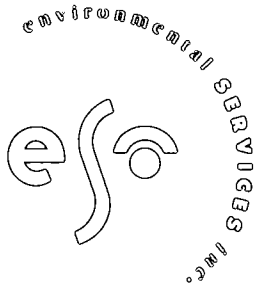
A. Any person seeking a variance pursuant to Section 74-6-4 (G) NMSA 1978, shall do so by filing a written petition with the commission. The petitioner may submit with his petition any relevant documents or material which the petitioner believes would support his petition. Petitions shall: [7-19-68, 11-27-70, 9-3-72]

1. state the petitioner's name and address; [7-19-68, 11-27-70]

2. state the date of the petition; [7-19-68]

3. describe the facility or activity for which the variance is sought; [7-19-68, 11-27-70]

4. state the address or description of the property upon which the facility is located; [11-27-70]



4663 INDIAN SCHOOL NE
SUITE 106
ALBUQUERQUE
NEW MEXICO
87110