04

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer, Artesia, NM 88211
District III
1000 Rio Brazos Rd. Aztec, NM 87410

State Of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE
AND 1 COPY TO SANTA FE OFFICE
(Revised 3/9/94)

RECEIVED
AUG 24 1999
OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco Inc. Telephone: 505-324-5813

Address: 3315 Bloomfield Hwy - Farmington, NM 87401

Facility Or: Graham C WN Fed Com 1A
Well Name

Location: Unit or Qtr/Qtr Sec O Sec 9 T 27N R 08W County San Juan

Pit Type: Separator X Dehydrator ____ Other ____

Land Type: BLM ____ State X Fee ____ Other ____

Pit Location: (Attach diagram)
Pit dimension: length 15' width 15' depth 3'
Reference: wellhead X other ____
Footage from reference: 100'
Direction from reference: 20 Degrees X East ____ North of ____ West X South

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	
	50 feet to 9 feet	(10 points)	
	Greater than 100 feet	(0 points)	
		Total	0
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes	(20 points)	
	No	(0 points)	
		Total	0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	(20 points)	(20 points)
	200 feet to 1000 feet	(10 points)	(10 points)
	Greater than 1000 feet	(0 points)	(0 points)
		Total	0
	RANKING SCORE (TOTAL POINTS):		0

Date Remediation Started: _____ Date Completed: _____

Remediation Method: Excavation: _____ Approx. cubic yards _____
(Check all appropriate sections)
Landfarm _____ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite _____
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Sample was taken at 3' below bottom of pit center. No PID reading was conducted on location. Samples were transported to laboratory for TPH analysis per EPA Method 8015 and for BTEX analysis per EPA Method 8020A

Ground Water Encountered: No X Yes ___ Depth _____

Final Pit: Sample location Bottom of pit - center
Closure Sampling:
(if multiple samples attach sample results and diagram of sample locations and depths)
Sample depth 3'
Sample date 6/22/99 Sample time 9:00AM

Sample Results

Benzene (ppm) 0.017

Total BTEX (ppm) 0.981

Field headspace (ppm) Not Taken

TPH 70.5

Ground Water Sample: Yes ___ No X (If yes, attach sample results)

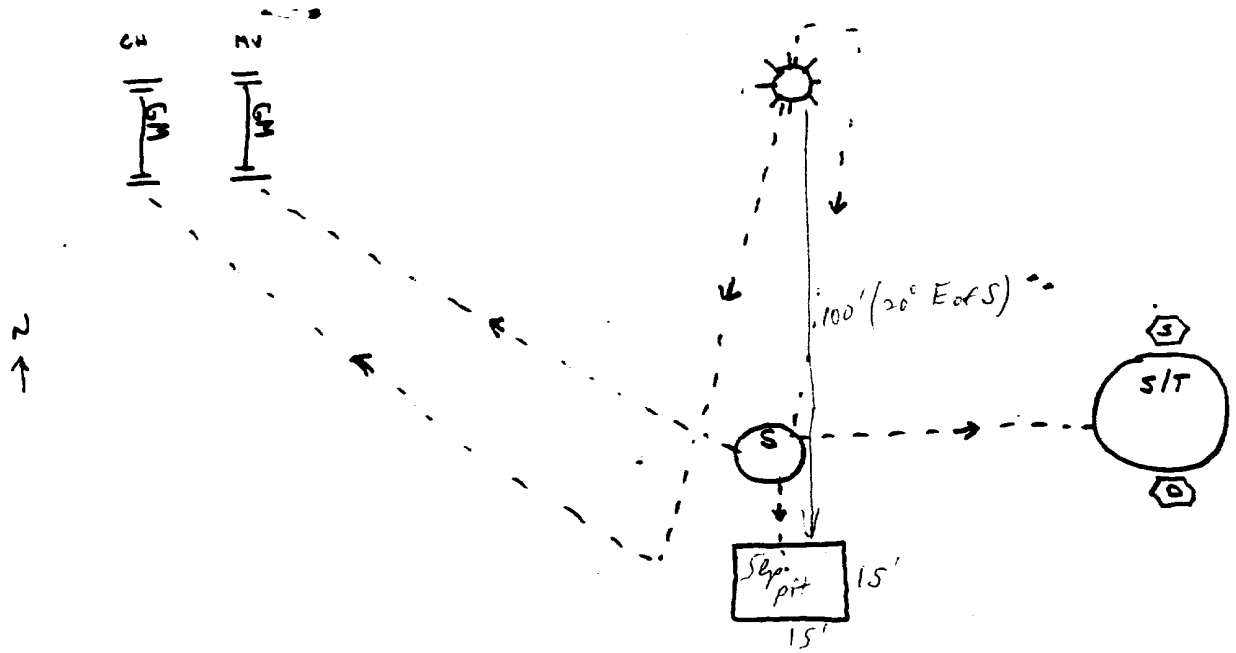
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 8/13/99 PRINTED NAME Shirley L. Ebert

SIGNATURE Shirley L. Ebert AND TITLE Field SHEAR Specialist

Lease Name: Graham C WN Fed Com 1A **Operator:** L. Hernandez **Date:** 2/24/99

Site Security
(Indicate North)



Lease Name: Graham C WN Fed Com 1A
Federal/ Indian Lease No: NM 05791
CA No.: 8910004500
Unit : O
Legal Description: Sect: 9 TP: 27N R: 8W
County: San Juan, NM

Load line valves :
Sealed during Production

Drain line valves :
Sealed during Production

Production Line valve:
Sealed during sales

This lease is subject to the site security plan for San Juan Basin Operations. The plan is located at:
Conoco Inc.
3315 Bloomfield Hwy
Farmington, NM

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-045
Sample ID:	Water / SEP	Date Reported:	06-25-99
Laboratory Number:	F599	Date Sampled:	06-22-99
Chain of Custody:	6775	Date Received:	06-24-99
Sample Matrix:	Soil	Date Analyzed:	06-25-99
Preservative:	Cool	Date Extracted:	06-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**17.4**	**8.8**
Toluene	**340**	**8.4**
Ethylbenzene	**44.5**	**7.6**
p,m-Xylene	**433**	**10.8**
o-Xylene	**146**	**5.2**
Total BTEX	**981**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**98 %**
	Bromofluorobenzene	**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: **Graham C WN Fed Com 1A.**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Conoco Inc.	Project #:	707003-045
Sample ID:	Water / SEP	Date Reported:	06-25-99
Laboratory Number:	F599	Date Sampled:	06-22-99
Chain of Custody No:	6775	Date Received:	06-24-99
Sample Matrix:	Soil	Date Extracted:	06-25-99
Preservative:	Cool	Date Analyzed:	06-25-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**8.8**	**0.2**
Diesel Range (C10 - C28)	**61.7**	**0.1**
Total Petroleum Hydrocarbons	**70.5**	**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: **Graham C WN Fed Com 1A.**

Analyst

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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:	06-25-BTEX QA/QC	Date Reported:	06-25-99
Laboratory Number:	F594	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-25-99
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	5.1692E-003	5.1816E-003	0.2%	ND	0.2
Toluene	5.2087E-003	5.2180E-003	0.2%	ND	0.2
Ethylbenzene	3.4516E-003	3.4588E-003	0.2%	ND	0.2
p,m-Xylene	4.0509E-003	4.0611E-003	0.3%	ND	0.2
o-Xylene	3.9685E-003	3.9752E-003	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	81.9	79.8	2.6%	0 - 30%	8.8
Toluene	59.7	57.9	3.0%	0 - 30%	8.4
Ethylbenzene	50.8	49.3	3.0%	0 - 30%	7.6
p,m-Xylene	712	691	2.9%	0 - 30%	10.8
o-Xylene	182	178	2.3%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	81.9	50.0	132	100%	39 - 150
Toluene	59.7	50.0	110	100%	46 - 148
Ethylbenzene	50.8	50.0	101	100%	32 - 160
p,m-Xylene	712	100.0	811	100%	46 - 148
o-Xylene	182	50.0	232	100%	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 F594 and F596 - F599.**

Analyst

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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:	06-25-TPH QA/QC	Date Reported:	06-25-99
Laboratory Number:	F594	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-25-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	7.7804E-002	7.7742E-002	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	9.8381E-002	9.8224E-002	0.16%	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	1.1	1.1	0.0%	0 - 30%
Diesel Range C10 - C28	40.3	40.2	0.2%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1.1	250	251	100%	75 - 125%
Diesel Range C10 - C28	40.3	250	290	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 F594 - F599.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

6775

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Graham C WN Fed Com 1A	Conoco Inc	
Sampler: D. Roberts	Client No. 707003-045	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
Water/SEP	6/22/99	9:00 AM	F599		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	6/23/99	8:00am	[signature]	6-23-99	0801
Relinquished by: (Signature) [signature]	6-24-99	1224	Received by: (Signature) Ezora L. Boogmd	6/24/99	
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	✓		