

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)

## PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco Inc.

Telephone: 505-324-5837

Address: 3315 Bloomfield Hwy - Farmington, NM 87401

Facility Or: Chacon Hill #1

Well Name

Location: Unit or Qtr/Qtr Sec Unit O Sec 20 T 24N R 3W County Rio Arriba

Pit Type: Separator X Dehydrator Other

Land Type: BLM X State Fee Other

Pit Location: Pit dimension: length 12' width 10' depth 5'  
(Attach diagram)

Reference: wellhead X other

Footage from reference: 82'

Direction from reference: 140 Degrees X East of North  
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 99 feet (10 points)

Greater than 100 feet ( 0 points)

Total 20

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 20

RANKING SCORE (TOTAL POINTS): 40

Date Remediation Started:		<u>No Remediation Necessary</u>		Date Completed:		<u>N/A</u>	
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:		_____					
Ground Water Encountered:		No <input type="checkbox"/> <u>X</u> Yes		Depth _____			
Final Pit:		Sample location		<u>Center of Pit Bottom</u>			
Closure Sampling:				<u>Composite Sample Taken From Pit Sides</u>			
(if multiple samples attach sample results and diagram of sample locations and depths)		Sample depth		<u>3'</u>			
		Sample date		<u>4/11/2002</u>		Sample time <u>11:55 AM</u>	
		Sample Results					
		Benzene (ppm)		<u>ND</u>			
		Total BTEX (ppm)		<u>0.0814</u>			
		Field headspace (ppm)		<u>N/A</u>			
		TPH		<u>ND</u>			
Ground Water Sample:		Yes <input type="checkbox"/> No <input type="checkbox"/> <u>X</u>		(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		<u>5/21/2002</u>		PRINTED NAME		<u>John E. Cofer</u>	
SIGNATURE		<u>[Signature]</u>		AND TITLE		<u>Environmental Coordinator</u>	

# ENVIROTECH LABS

**PRACTICAL SOLUTIONS TO YOUR PROBLEMS**

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco, Inc	Project #:	97070-003-453
Sample ID:	Bottom Sep	Date Reported:	04-18-02
Laboratory Number:	22545	Date Sampled:	04-11-02
Chain of Custody:	7852	Date Received:	04-16-02
Sample Matrix:	Soil	Date Analyzed:	04-18-02
Preservative:	Cool	Date Extracted:	04-16-02
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	

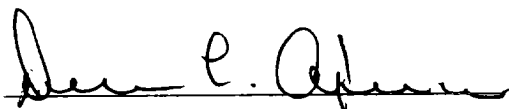
ND - Parameter not detected at the stated detection limit.

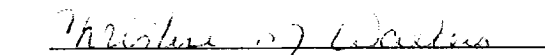
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	100 %

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: Chacon Hill 1 82' from well head on south side.

  
Analyst

  
Review

# ENVIROTECH LABS

Practical Solutions for Environmental Problems

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco, Inc	Project #:	97070-003-453
Sample ID:	Side Wall Sep	Date Reported:	04-18-02
Laboratory Number:	22546	Date Sampled:	04-11-02
Chain of Custody:	7852	Date Received:	04-16-02
Sample Matrix:	Soil	Date Analyzed:	04-18-02
Preservative:	Cool	Date Extracted:	04-16-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	5.1	1.7
Ethylbenzene	6.0	1.5
p,m-Xylene	59.5	2.2
o-Xylene	10.8	1.0
Total BTEX	81.4	

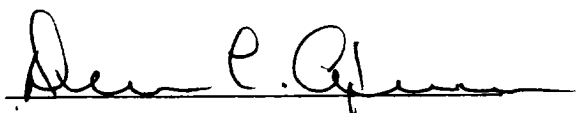
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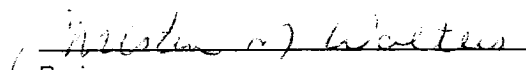
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	100 %

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: Chacon Hill 1 82' from well head on south side.

  
Analyst

  
Review

# ENVIROTECH LABS

**PRACTICAL SOLUTIONS FOR ENVIRONMENTAL PROBLEMS**

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

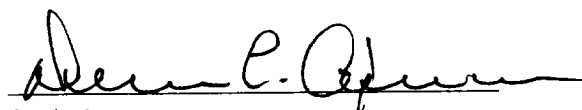
Client:	Conoco, Inc.	Project #:	97070-003-453
Sample ID:	Bottom Sep	Date Reported:	04-18-02
Laboratory Number:	22545	Date Sampled:	04-11-02
Chain of Custody No:	7852	Date Received:	04-16-02
Sample Matrix:	Soil	Date Extracted:	04-16-02
Preservative:	Cool	Date Analyzed:	04-18-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

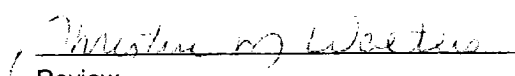
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Chacon Hill 1      82' from well head on south side.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR ENVIRONMENTAL MONITORING

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

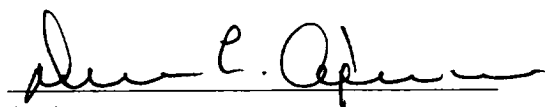
Client:	Conoco, Inc.	Project #:	97070-003-453
Sample ID:	Side Wall Sep	Date Reported:	04-18-02
Laboratory Number:	22546	Date Sampled:	04-11-02
Chain of Custody No:	7852	Date Received:	04-16-02
Sample Matrix:	Soil	Date Extracted:	04-16-02
Preservative:	Cool	Date Analyzed:	04-18-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

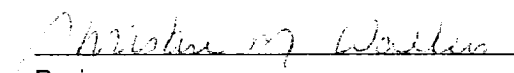
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Chacon Hill 1 82' from well head on south side.

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

7852

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
Canoco Inc		Chattahoochee #1											
Sampler: Joanna Pera		Client No. 97070-003-453											
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers					Remarks			
Benton SD	4-11-02	11:55	22545	Soil	1	1	1	82' from well head on south side					
Benton SD	4-11-02		22546	Soil	1	1	1						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date		Time							
Joanna Pera	4-11-02	11:55	Stacy Short	4-15-02		4:00 PM							
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date		Time							
Joanna Pera	4-11-02		E. Ogle	4-16-02		9:45							
Relinquished by: (Signature)													

**ENVIROTECH INC.**

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

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

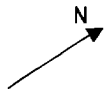
Lease Name: Chacon Hill # 1

Operator: CONOCO INC.

Date: 06/21/01

**Site Security**

(Indicate North)



Pit located 82' SE

Earthen pit closed 4/11/02

12' x 10' x 5'



Lease Name: Chacon Hill # 1

Federal/ Indian Lease No: SF 079456

CA No.: \_\_\_\_\_

Unit : O

Legal Description: S20 T24N R3W

County: Rio Arriba

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