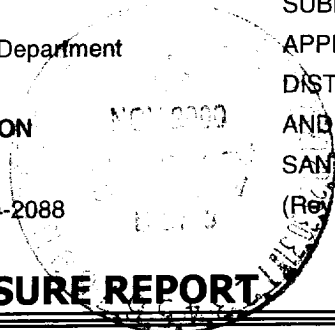


District I  
 P.O. Box 1980, Hobbs, NM  
 District II  
 P.O. Drawer, Artesia, NM 88211  
 District III  
 1000 Rio Brazos Rd. Aztec, NM 87410

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)



OK

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Conoco Inc. Telephone: 505-324-5846

Address: 3315 Bloomfield Hwy - Farmington, NM 87401

Facility Or: Newberry LS 1

Well Name \_\_\_\_\_

Location: Unit or Qtr/Qtr Sec      A Sec      34 T      32N R      12W County San Juan

Pit Type: Separator \_\_\_\_\_ Dehydrator \_\_\_\_\_ Other \_\_\_\_\_ Compressor Scrubber Pit \_\_\_\_\_

Land Type: BLM \_\_\_\_\_ State \_\_\_\_\_ X Fee \_\_\_\_\_ Other \_\_\_\_\_

Pit Location: Pit dimension: length 5' width 7' depth 2'  
 (Attach diagram) Reference: wellhead X other \_\_\_\_\_

Footage from reference: 66'

Direction from reference: 274 Degrees \_\_\_\_\_ East of \_\_\_\_\_ North  
 \_\_\_\_\_ West \_\_\_\_\_ 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	<u>10</u>
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	<u>0</u>
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	<u>10</u>
	RANKING SCORE (TOTAL POINTS):		<u>20</u>

Date Remediation Started: 5/20/99 Date Completed: 5/21/99

Remediation Method: Excavation: X Approx. cubic yards 32

(Check all appropriate sections)

Landfarm X Insitu Bioremediation \_\_\_\_\_  
Other \_\_\_\_\_

Remediation Location: Onsite X Offsite \_\_\_\_\_

(ie. landfarmed onsite,  
name and location of  
offsite facility)

General Description Of Remedial Action:

Dug out soil to 12' x 12' x 6'; Hit bedrock. Sampled soil; backfilled with clean soil.

Landfarmed contaminated soil.

Landfarm sampled 6/28/00; TPH = ND; benzene = ND; Total BTEX = ND.

Landfarm closed.

Ground Water Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location Grab and 4 point composite samples-walls + 3' below  
Closure Sampling: bottom of pit.

(if multiple samples Sample depth 6'  
attach sample results

and diagram of sample Sample date 5/20/99 Sample time 1:35 PM  
locations and depths)

Sample Results

Benzene (ppm) 0.001

Total BTEX (ppm) 0.291

Field headspace (ppm) Not tested

TPH (ppm) 3.5

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 11/15/00 PRINTED NAME John E. Cofer

SIGNATURE John E. Cofer AND TITLE Environmental Coordinator

# ENVIROTECH LABS

ENVIRONMENTAL SOLUTIONS FOR A BETTER TOMORROW

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

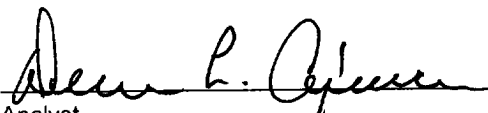
Client:	Conoco, Inc.	Project #:	707003-212
Sample ID:	Landfarm	Date Reported:	07-07-00
Laboratory Number:	H661	Date Sampled:	06-28-00
Chain of Custody No:	8026	Date Received:	06-30-00
Sample Matrix:	Soil	Date Extracted:	07-05-00
Preservative:	Cool	Date Analyzed:	07-07-00
Condition:	Cool and Intact	Analysis 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	0.1

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: **Newberry LS 1.**

  
Analyst

  
Review

# ENVIROTECH LABS

TECHNICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco, Inc.	Project #:	707003-212
Sample ID:	Landfarm	Date Reported:	07-07-00
Laboratory Number:	H661	Date Sampled:	06-28-00
Chain of Custody:	8026	Date Received:	06-30-00
Sample Matrix:	Soil	Date Analyzed:	07-07-00
Preservative:	Cool	Date Extracted:	07-05-00
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	

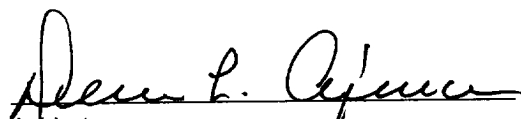
ND - Parameter not detected at the stated detection limit.

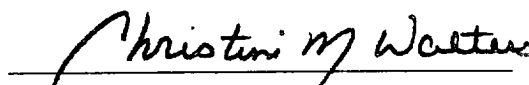
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Newberry LS 1.

  
Analyst

  
Review



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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


Client:	Conoco Inc.	Project #:	707003-026
Sample ID:	CSP - Grab	Date Reported:	05-24-99
Laboratory Number:	F370	Date Sampled:	05-20-99
Chain of Custody No:	6799	Date Received:	05-21-99
Sample Matrix:	Soil	Date Extracted:	05-21-99
Preservative:	Cool	Date Analyzed:	05-24-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	3.5	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: **Newberry LS 1. Hit Rock Bed 6' IN. OVM Reading 344.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

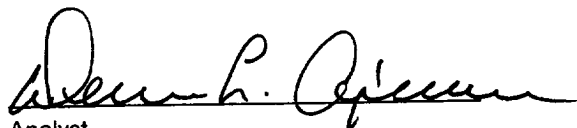
Client:	Conoco Inc.	Project #:	707003-026
Sample ID:	CSP - 4 Pt. Comp.	Date Reported:	05-24-99
Laboratory Number:	F371	Date Sampled:	05-20-99
Chain of Custody No:	6799	Date Received:	05-21-99
Sample Matrix:	Soil	Date Extracted:	05-21-99
Preservative:	Cool	Date Analyzed:	05-24-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.1	0.2
Diesel Range (C10 - C28)	0.7	0.1
Total Petroleum Hydrocarbons	3.8	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: **Newberry LS 1.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-026
Sample ID:	CSP - Grab	Date Reported:	05-24-99
Laboratory Number:	F370	Date Sampled:	05-20-99
Chain of Custody:	6799	Date Received:	05-21-99
Sample Matrix:	Soil	Date Analyzed:	05-24-99
Preservative:	Cool	Date Extracted:	05-21-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	10.0	8.8
Toluene	77.9	8.4
Ethylbenzene	16.1	7.6
p,m-Xylene	107	10.8
o-Xylene	79.7	5.2
Total BTEX	291	

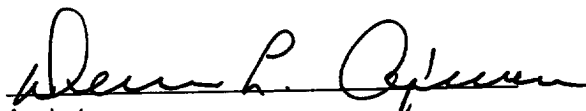
ND - Parameter not detected at the stated detection limit.

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: Newberry LS 1. Hit Bedrock 6' IN. OVM Reading 344.

  
Analyst

  
Review



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-026
Sample ID:	CSP - 4 Pt. Comp.	Date Reported:	05-24-99
Laboratory Number:	F371	Date Sampled:	05-20-99
Chain of Custody:	6799	Date Received:	05-21-99
Sample Matrix:	Soil	Date Analyzed:	05-24-99
Preservative:	Cool	Date Extracted:	05-21-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	19.7	8.8
Toluene	1,290	8.4
Ethylbenzene	258	7.6
p,m-Xylene	1,280	10.8
o-Xylene	483	5.2
Total BTEX	3,330	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

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: Newberry LS 1.

  
Analyst

  
Review

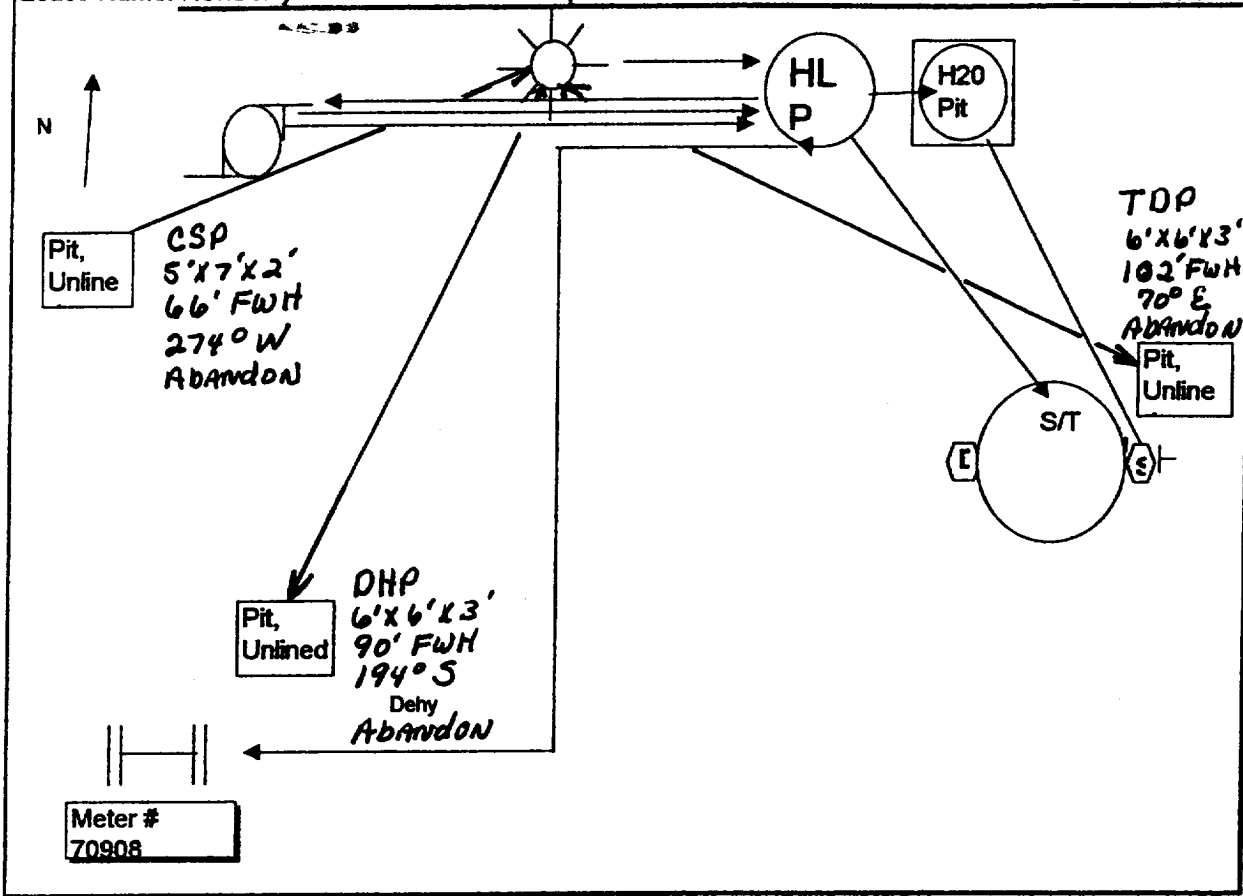
Revised

Lease Name: Newberry LS 1

Operator: Conoco Inc.

Date:

5-20-99



Lease Name: Newberry Ls 1

Federal/ Indian Lease No. SF-078146

CA No.:

# CHAIN OF CUSTODY RECORD

6799

Client / Project Name		Project Location		ANALYSIS / PARAMETERS				Remarks	
Lanoco Inc.		Newberry LS 1							
Sampler: J. Valdez		Client No. 707003-02L							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	TPH 8015	OVN READING	Remarks
DHP - Grab	5-20-99	1347	F368	SOIL	1	✓	✓	34	Hit Rock Bed 5' IN
DHP - 4PT COMP.	5-20-99	1352	F369	SOIL	1	✓	✓		
EHP - Grab	5-20-99	1335	F370	SOIL	1	✓	✓	344	Hit Rock Bed 6' IN
CSP - 4PT COMP.	5-20-99	1340	F371	SOIL	1	✓	✓		
TDP - Grab	5-20-99	1417	F372	SOIL	1	✓	✓	285	Hit Rock Bed 5' IN
TDP - 4PT COMP.	5-20-99	1419	F373	SOIL	1	✓	✓		
Relinquished by: (Signature) <i>J. Valdez</i>		Date	Time	Received by: (Signature) <i>D. P. O'Brien</i>		Date	Time		
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		
Received Intact	Y	N
Cool - Ice/Blue Ice	✓	N/A