

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: 505-324-5846Address: 3315 Bloomfield Hwy - Farmington, NM 87401Facility Or: Newberry LS 14

Well Name

Location: Unit or Qtr/Qtr Sec F Sec 34 T 32N R 12W County San JuanPit Type: Separator Dehydrator Other Blow Down Pit Land Type: BLM X State Fee Other

Pit Location: (Attach diagram) Pit dimension: length 12' width 12' depth 2'

Reference: wellhead X other

Footage from reference: 15'

Direction from reference: 106 Degrees X 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>0</u>
RANKING SCORE (TOTAL POINTS):			<u>10</u>

Date Remediation Started: 5/14/99 Date Completed: 6/30/00

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 pit 12' x 12' x 6' and took sample. Backfilled pit with clean soil.

Landfarm sampled on 6/30/00; TPH = 1.2 ppm; Benzene = 0.0542 ppm; Total BTEX = 0.22ppm.

Landfarm was closed.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Composite (4 wall plus 3' below pit bottom)

Closure Sampling: Sample depth 6'
(if multiple samples
attach sample results

and diagram of sample
locations and depths) Sample date 5/14/99 Sample time 12:02 PM

Sample Results

Benzene (ppm) 0.0111

Total BTEX (ppm) 4.71

Field headspace (ppm) 391

TPH (ppm) 459.0

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

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

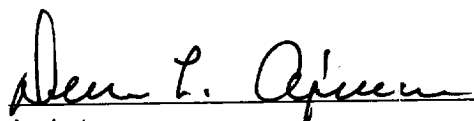
Client:	Conoco, Inc.	Project #:	707003-215
Sample ID:	Landfarm	Date Reported:	07-10-00
Laboratory Number:	H665	Date Sampled:	06-30-00
Chain of Custody No:	8029	Date Received:	06-30-00
Sample Matrix:	Soil	Date Extracted:	07-05-00
Preservative:	Cool	Date Analyzed:	07-10-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

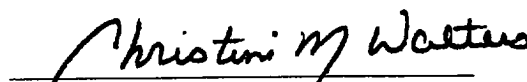
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.9	0.2
Diesel Range (C10 - C28)	0.3	0.1
Total Petroleum Hydrocarbons	1.2	0.1

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 14.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Conoco, Inc.
Sample ID: Landfarm
Laboratory Number: H665
Chain of Custody: 8029
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 707003-215
Date Reported: 07-10-00
Date Sampled: 06-30-00
Date Received: 06-30-00
Date Analyzed: 07-10-00
Date Extracted: 07-05-00
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	54.2	1.8
Toluene	68.0	1.7
Ethylbenzene	32.0	1.5
p,m-Xylene	46.2	2.2
o-Xylene	20.1	1.0
Total BTEX	220	

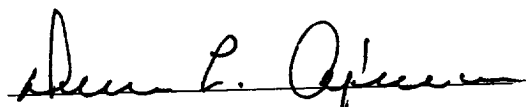
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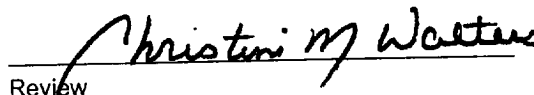
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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 14.


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[illegible]

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

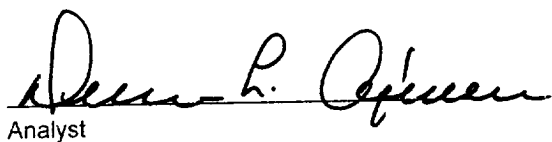
Client:	Conoco, Inc.	Project #:	707003-024
Sample ID:	BDP - Grab	Date Reported:	05-17-99
Laboratory Number:	F256	Date Sampled:	05-14-99
Chain of Custody No:	6798	Date Received:	05-14-99
Sample Matrix:	Soil	Date Extracted:	05-17-99
Preservative:	Cool	Date Analyzed:	05-17-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

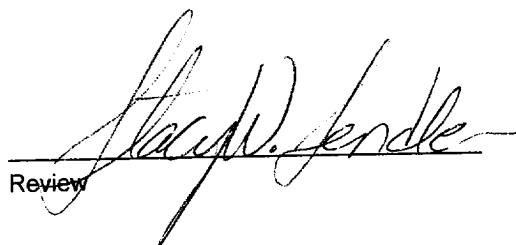
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	284	0.2
Diesel Range (C10 - C28)	175	0.1
Total Petroleum Hydrocarbons	459	0.2

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 14. OVM Reading 391.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Conoco, Inc.
Sample ID: BDP - Grab
Laboratory Number: F256
Chain of Custody: 6798
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 707003-024
Date Reported: 05-17-99
Date Sampled: 05-14-99
Date Received: 05-14-99
Date Analyzed: 05-17-99
Date Extracted: 05-17-99
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	11.1	8.8
Toluene	822	8.4
Ethylbenzene	319	7.6
p,m-Xylene	2,070	10.8
o-Xylene	1,490	5.2
Total BTEX	4,710	

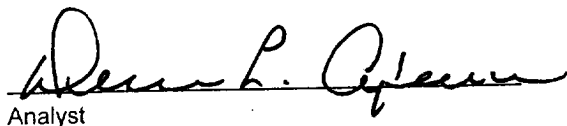
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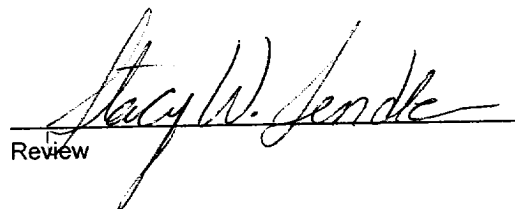
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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: Newberry LS 14. OVM Reading 391.


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

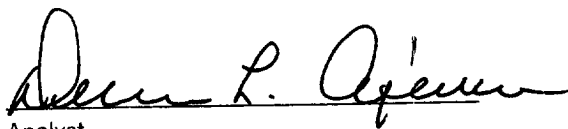
Client:	Conoco, Inc.	Project #:	707003-024
Sample ID:	BDP - 4 Pt. Comp.	Date Reported:	05-17-99
Laboratory Number:	F257	Date Sampled:	05-14-99
Chain of Custody No:	6798	Date Received:	05-14-99
Sample Matrix:	Soil	Date Extracted:	05-17-99
Preservative:	Cool	Date Analyzed:	05-17-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

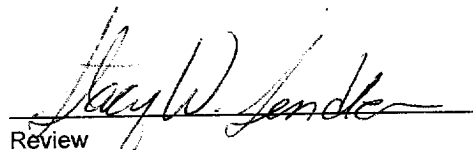
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.1	0.2
Diesel Range (C10 - C28)	2.1	0.1
Total Petroleum Hydrocarbons	3.2	0.2

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 14.**


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco, Inc.	Project #:	707003-024
Sample ID:	BDP - 4 Pt. Comp.	Date Reported:	05-17-99
Laboratory Number:	F257	Date Sampled:	05-14-99
Chain of Custody:	6798	Date Received:	05-14-99
Sample Matrix:	Scil	Date Analyzed:	05-17-99
Preservative:	Cool	Date Extracted:	05-17-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	21.3	8.8
Toluene	108	8.4
Ethylbenzene	55.2	7.6
p,m-Xylene	264	10.8
o-Xylene	170	5.2
Total BTEX	619	

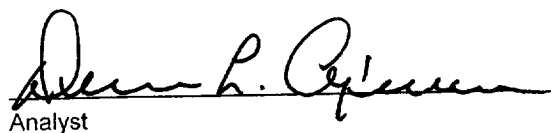
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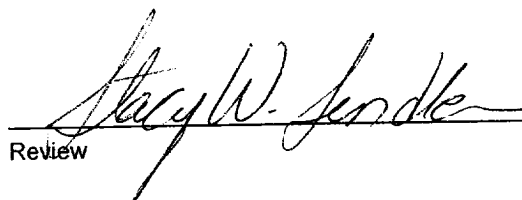
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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 14.


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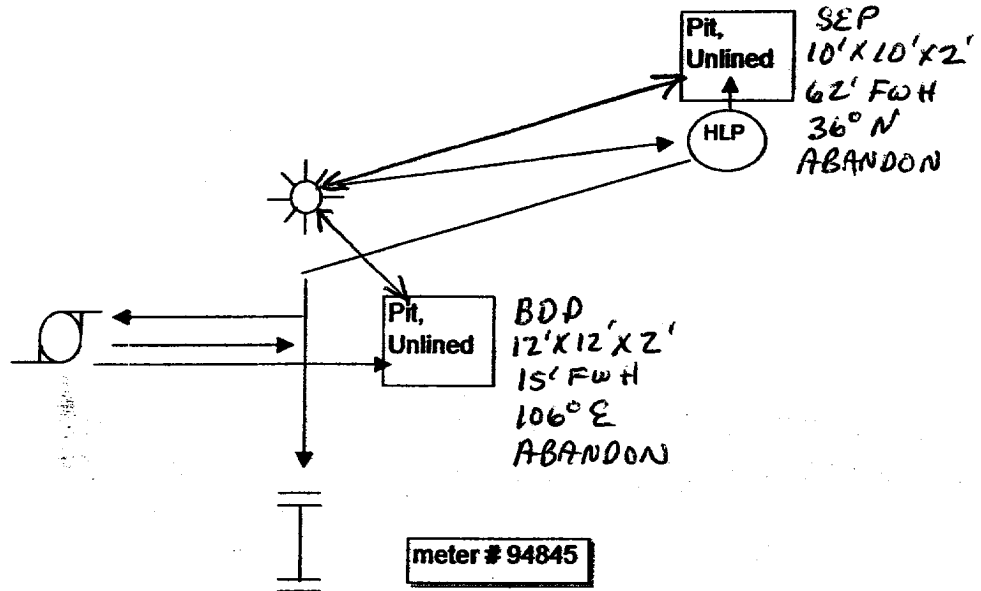
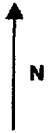
Revised 12-23-98

Lease Name: Newberry LS 14

Operator: Conoco Inc.

Date: ~~12-23-98~~ 5-6-99

Site Security
(Indicate North)



Lease Name: Newberry LS 14

Federal/ Indian Lease No: SF-078146

CA No.: _____

6798

ENVIROTECH INC.

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