

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: Newberry LS 1A

Well Name

Location: Unit or Qtr/Qtr Sec O Sec 34 T 32N R 12W County San JuanPit Type: Separator ~~SE~~ Dehydrator X Other Land Type: BLM X State Fee Other Pit Location: Pit dimension: length 12' width 10' depth 3'
(Attach diagram)Reference: wellhead X other Footage from reference: 103'Direction from reference: 286 Degrees East of North
X 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 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 0RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 4/28/1999		Date Completed: 4/30/1999	
Remediation Method: Excavation: X		Approx. cubic yards: 52	
(Check all appropriate sections)			
Landfarm		X	
Insitu Bioremediation			
Other			
Remediation Location: Onsite			
X Offsite			
(ie. landfarm onsite, name and location of offsite facility)			
General Description Of Remedial Action: Dug out pit to 12' X 12' X 12' - Samples taken. Landfarm contaminated soil on site. Bored to 26 feet to bedrock and sampled. Backfilled pit with clean fill material.			
Landfarm sampled on 6/22/01; TPH = ND; Benzene = 0.0042 ppm; Total BTEX = 0.0042 ppm			
Ground Water Encountered: No			
X Yes			
Depth			
Sample location: Center of pit bottom.			
Sample depth: 26' feet below surface			
Sample date: 5/13/1999			
Sample time: 11:00 AM			
Sample Results			
Benzene (ppm): 4.26			
Total BTEX (ppm): 39			
Field headspace (ppm): N/A			
TPH: 978			
Ground Water Sample: Yes			
X No			
(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: 9/16/01		PRINTED NAME: John E. Cofer	
SIGNATURE: [Signature]		AND TITLE: Environmental Coordinator	

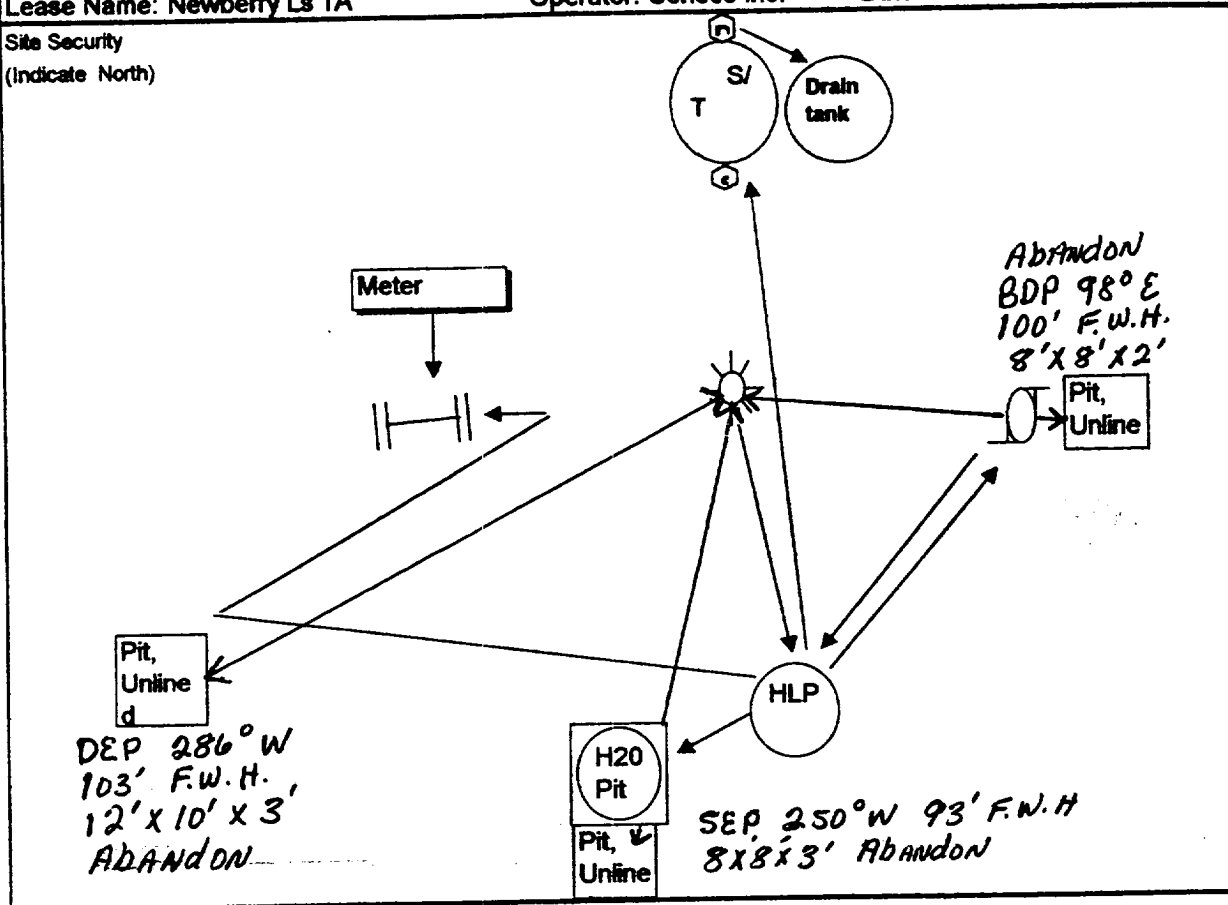
Revised 10-4-98

Lease Name: Newberry Ls 1A

Operator: Conoco Inc.

Date: 10-4-98

Site Security
(Indicate North)



Lease Name: Newberry Ls 1A

Federal/ Indian Lease No: SF-078146

CA No.: _____

Unit: O

Legal Description: Sec.34-T32N-R12W

County: San Juan

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

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

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BORING REPORT: NEWBERRY LS 1A DEHY

PROJECT: Conoco, Inc. - Newberry LS 1A - Sec 34 T32N R12W - San Juan Co. - NM

CLIENT: Conoco, Inc.

DRILLING CONTRACTOR: Blagg Engineering, Inc.

EQUIPMENT USED: Earthprobe 200 Truck Mounted Drill Unit w/2.75" Solid Auger

DATE START: 5/13/99 DATE FINISH: 5/13/99 DRILLER: J. Blagg LOGGED BY: J. Blagg

TOTAL DEPTH: 26 FEET CASING TYPE & SIZE: NONE SLOT SIZE: NONE

COMMENTS: Samples collected at 5' intervals from auger. Boring abandoned.
No groundwater encountered to total depth.

DEPTH FEET	SS	DVM HEADSPACE PPM	GRAPHIC LOG	SAMPLE DESCRIPTION	HOLE ABANDONMENT DETAILS		
	sc			0' - 15' Silty sand, dry to moist, non cohesive, yellow tan. No hydrocarbon odor or stain.			
5		5					
10		13					
15		135		15' - 25' Silty sand, moist, non cohesive, yellow tan. Lite hydrocarbon odor, no stain.			
20		170					
25	ss	122		25' - 26' Sandstone bedrock, firm, yellow tan. Lite HC odor.			
				TOTAL DEPTH DRILLED 26 FEET			

Drill Cuttings

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

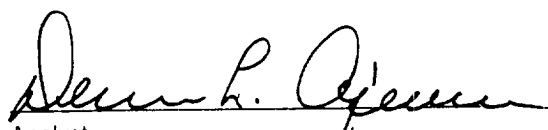
Client:	Blagg / CONOCO	Project #:	403410
Sample ID:	DEHY TH @ 26'	Date Reported:	05-14-99
Laboratory Number:	F238	Date Sampled:	05-13-99
Chain of Custody No:	6868	Date Received:	05-13-99
Sample Matrix:	Soil	Date Extracted:	05-13-99
Preservative:	Cool	Date Analyzed:	05-14-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	978	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	978	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 1A.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / CONOCO	Project #:	403410
Sample ID:	DEHY TH @ 26'	Date Reported:	05-14-99
Laboratory Number:	F238	Date Sampled:	05-13-99
Chain of Custody:	6368	Date Received:	05-13-99
Sample Matrix:	Soil	Date Analyzed:	05-14-99
Preservative:	Cool	Date Extracted:	05-13-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	4,260	8.8
Toluene	6,370	8.4
Ethylbenzene	4,710	7.6
p,m-Xylene	15,670	10.8
o-Xylene	7,530	5.2
Total BTEX	38,540	

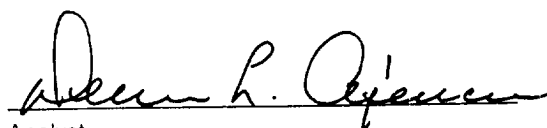
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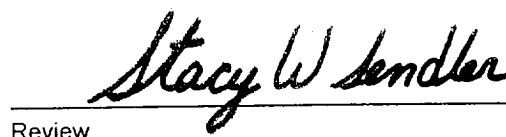
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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 1A.


Analyst


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ENVIROTECH INC.

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

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

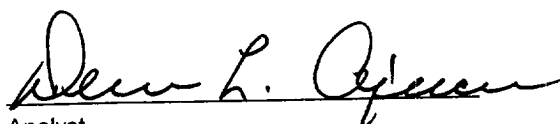
Client:	Conoco Inc.	Project #:	707003-020
Sample ID:	DHP - Grab	Date Reported:	05-06-99
Laboratory Number:	F126	Date Sampled:	05-05-99
Chain of Custody No:	6789	Date Received:	05-05-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-06-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	7,480	0.2
Diesel Range (C10 - C28)	181	0.1
Total Petroleum Hydrocarbons	7,660	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 1A. OVM Reading 306.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-020
Sample ID:	DHP - Grab	Date Reported:	05-06-99
Laboratory Number:	F126	Date Sampled:	05-05-99
Chain of Custody:	6789	Date Received:	05-05-99
Sample Matrix:	Soil	Date Analyzed:	05-06-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	3,100	8.8
Toluene	14,870	8.4
Ethylbenzene	4,860	7.6
p,m-Xylene	15,050	10.8
o-Xylene	7,050	5.2
Total BTEX	44,930	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	101 %
	Bromofluorobenzene	101 %

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 1A. OVM Reading 306.


Analyst


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

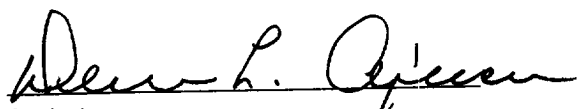
Client:	Conoco Inc.	Project #:	707003-020
Sample ID:	DHP - 4 Pt. Comp.	Date Reported:	05-06-99
Laboratory Number:	F127	Date Sampled:	05-05-99
Chain of Custody No:	6789	Date Received:	05-05-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-06-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,130	0.2
Diesel Range (C10 - C28)	11.4	0.1
Total Petroleum Hydrocarbons	2,140	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 1A.


Analyst


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-020
Sample ID:	DHP - 4 Pt. Comp.	Date Reported:	05-06-99
Laboratory Number:	F127	Date Sampled:	05-05-99
Chain of Custody:	6789	Date Received:	05-05-99
Sample Matrix:	Soil	Date Analyzed:	05-06-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	304	8.8
Toluene	5,050	8.4
Ethylbenzene	2,500	7.6
p,m-Xylene	10,330	10.8
o-Xylene	5,140	5.2
Total BTEX	23,320	

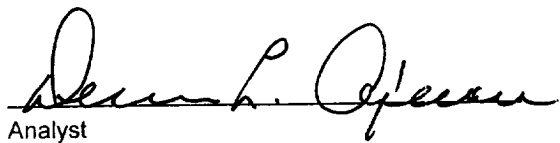
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

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 1A.


Analyst


Review

CHAIN OF CUSTODY RECORD

6789

Client / Project Name		Project Location		ANALYSIS / PARAMETERS										
Conoco Inc.		NEWBERRY LS 1A												
Sampler: J. Valdez		Client No. 707003-020												
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	8021	TPH	8015	OVN	READING	Remarks		
BOP-Grab	5-5-99	1025	F124	SOIL	1	✓	✓	✓	✓	453				
POP-4 PT. Comp.	5-5-99	1027	F125	SOIL	1	✓	✓							
DHP-Grab	5-5-99	1115	F126	SOIL	1	✓	✓	✓		306				
DHP-4 PT. Comp	5-5-99	1117	F127	SOIL	1	✓	✓							
SEP-GRAB	5-5-99	1145	F128	SOIL	1		✓	✓		73				
SEP-GRAB	5-5-99	1150	F129	SOIL	1		✓							
Relinquished by: (Signature)				Date	Time	Received by: (Signature)		Date	Time					
<i>J. Valdez</i>				5-5-99	14:14	<i>R. L. Ojeda</i>		5-5-99	14:14					
Relinquished by: (Signature)				Received by: (Signature)										
				Received by: (Signature)										
				Received by: (Signature)										
Sample Receipt														
Y N N/A														
Received Intact ✓														
Cool - Ice/Blue Ice ✓														

ENVIROTECH INC.

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

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

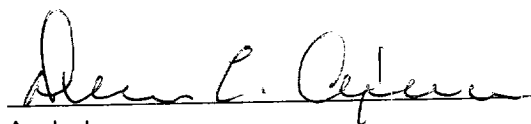
Client:	Conoco	Project #:	97070-003-312
Sample ID:	Landfarm 3	Date Reported:	07-03-01
Laboratory Number:	20205	Date Sampled:	06-22-01
Chain of Custody No:	9255	Date Received:	06-28-01
Sample Matrix:	Soil	Date Extracted:	06-29-01
Preservative:	Cool	Date Analyzed:	07-02-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

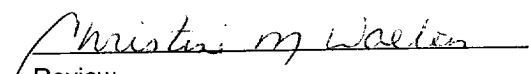
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

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 1A.**


Analyst


Review

ENVIROTECH LABS

EPA METHOD 8021B AROMATIC VOLATILE ORGANICS

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco	Project #:	97070-003-312
Sample ID:	Landfarm 3	Date Reported:	07-02-01
Laboratory Number:	20205	Date Sampled:	06-22-01
Chain of Custody:	9255	Date Received:	06-28-01
Sample Matrix:	Soil	Date Analyzed:	07-02-01
Preservative:	Cool	Date Extracted:	06-29-01
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	4.2	1.8
Toluene	ND	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	ND	2.2
o-Xylene	ND	1.0
Total BTEX	4.2	

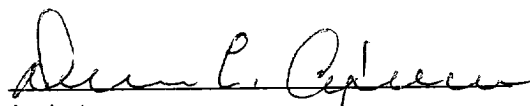
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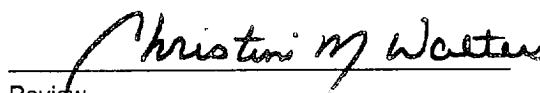
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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 1A.


Analyst


Review

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