

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: Sandia Federal #1

Well Name

Location: Unit or Qtr/Qtr Sec P Sec 29 T 30N R 11W County San JuanPit Type: Separator X Dehydrator Other Land Type: BLM X State Fee Other Pit Location:
(Attach diagram)Pit dimension: length 24' width 10' depth 3'Reference: wellhead X other Footage from reference: 75'Direction from reference: 320 Degrees X East of X 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 10

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)

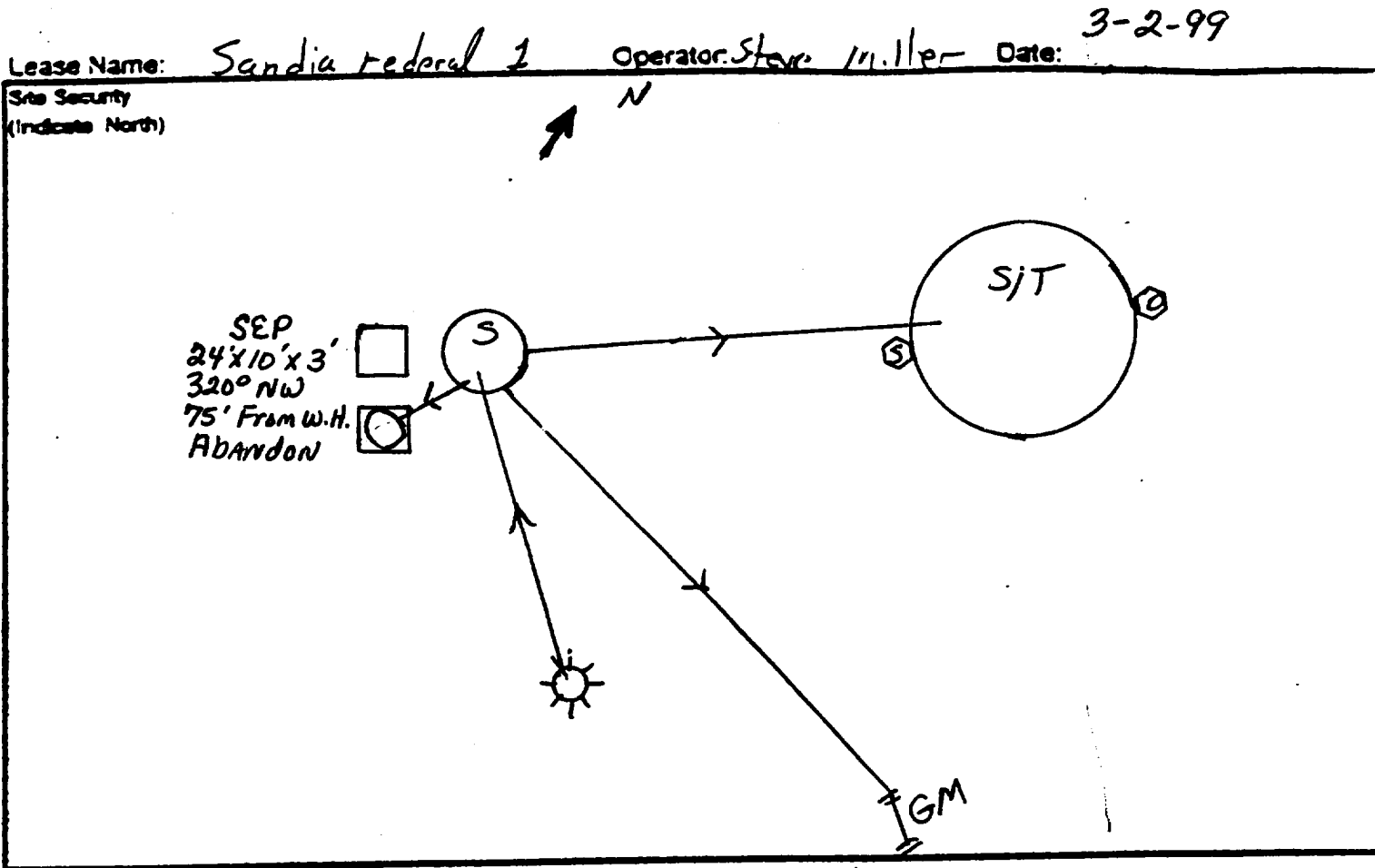
Less than 200 feet (20 points) (20 points)

200 feet to 1000 feet (10 points) (10 points)

Greater than 1000 feet (0 points) (0 points)

Total 0RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 8/9/1999		Date Completed: 8/13/1999	
Remediation Method: Excavation: X		Approx. cubic yards: 36	
(Check all appropriate sections)			
Landfarm: X		Insitu Bioremediation: _____	
Other: _____			
Remediation Location: Onsite		X	
(ie, landfarmed onsite, name and location of offsite facility)		Offsite: _____	
General Description Of Remedial Action: Dug pit out; 9 feet in hit bedrock; cleaned up walls. Sample taken.			
Backfilled pit with clean fill.			
Sidewall composite: TPH = 254 ppm; Benzene = 0.29 ppm; Total BTEX = 28 ppm.			
Landfarm sampled on 6/14/00: TPH = 12.8 ppm; Benzene = ND; Total BTEX = 0.01 ppm.			
Ground Water Encountered: No _____ Yes _____			
Sample location: Center of pit _____			
Composite: Center of sidewalks, North, South, East and West _____			
Sample depth: 9'			
Sample date: 8/12/1999			
Sample time: 12:00 AM			
Sample Results			
Benzene (ppm)		0.6	
Total BTEX (ppm)		11	
Field headspace (ppm)		323	
TPH		354	
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		PRINTED NAME John E. Cofer	
SIGNATURE		AND TITLE Environmental Coordinator	



Lease Name: Sandia Federal 1
Federal/ Indian Lease No: SF 079962
CA No.: 7940001860
Unit: P
Legal Description: Sec: 29 TP: 30N R: 11W
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

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

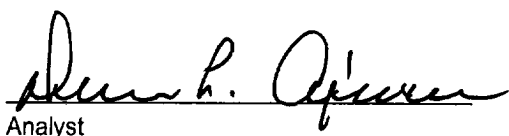
Client:	Conoco Inc.	Project #:	707003-076
Sample ID:	Sep - Grab	Date Reported:	08-17-99
Laboratory Number:	F905	Date Sampled:	08-12-99
Chain of Custody No:	7111	Date Received:	08-13-99
Sample Matrix:	Soil	Date Extracted:	08-16-99
Preservative:	Cool	Date Analyzed:	08-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	303	0.2
Diesel Range (C10 - C28)	51.3	0.1
Total Petroleum Hydrocarbons	354	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: Sandia Fed 1. OVM Reading 323. Hit Rock Bed 9' In.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

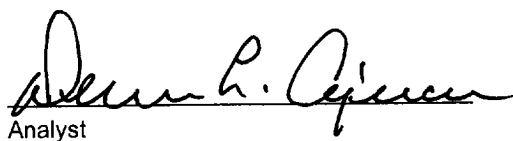
Client:	Conoco Inc.	Project #:	707003-076
Sample ID:	Sep - 4 Pt. Comp.	Date Reported:	08-17-99
Laboratory Number:	F906	Date Sampled:	08-12-99
Chain of Custody No:	7111	Date Received:	08-13-99
Sample Matrix:	Soil	Date Extracted:	08-16-99
Preservative:	Cool	Date Analyzed:	08-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	196	0.2
Diesel Range (C10 - C28)	57.7	0.1
Total Petroleum Hydrocarbons	254	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: Sandia Fed 1.


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-076
Sample ID:	Sep - Grab	Date Reported:	08-17-99
Laboratory Number:	F905	Date Sampled:	08-12-99
Chain of Custody:	7111	Date Received:	08-13-99
Sample Matrix:	Soil	Date Analyzed:	08-16-99
Preservative:	Cool	Date Extracted:	08-16-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	650	8.8
Toluene	300	8.4
Ethylbenzene	1,280	7.6
p,m-Xylene	6,250	10.8
o-Xylene	2,520	5.2
Total BTEX	11,000	

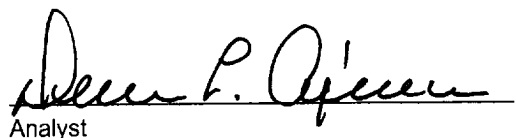
ND - Parameter not detected at the stated detection limit.

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: Sandia Fed 1. OVM Reading 323. Hit Rock Bed 9' In.


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-076
Sample ID:	Sep - 4 Pt. Comp.	Date Reported:	08-17-99
Laboratory Number:	F906	Date Sampled:	08-12-99
Chain of Custody:	7111	Date Received:	08-13-99
Sample Matrix:	Soil	Date Analyzed:	08-16-99
Preservative:	Cool	Date Extracted:	08-16-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	292	8.8
Toluene	347	8.4
Ethylbenzene	2,330	7.6
p,m-Xylene	18,550	10.8
o-Xylene	6,580	5.2
Total BTEX	28,100	

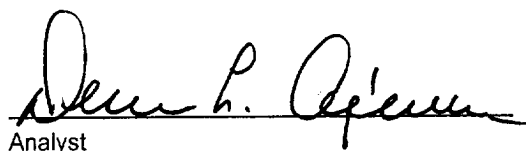
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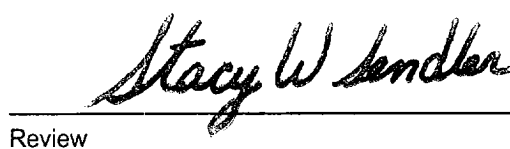
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Sandia Fed 1.


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ENVIROTECH INC.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

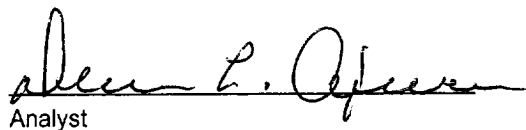
Client:	Conoco Inc.	Project #:	707003-161
Sample ID:	Landfarm	Date Reported:	06-14-00
Laboratory Number:	H462	Date Sampled:	06-09-00
Chain of Custody No:	7924	Date Received:	06-12-00
Sample Matrix:	Soil	Date Extracted:	06-13-00
Preservative:	Cool	Date Analyzed:	06-14-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

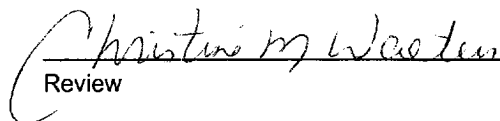
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	12.8	0.1
Total Petroleum Hydrocarbons	12.8	0.1

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: Sandia Federal 1.


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-161
Sample ID:	Landfarm	Date Reported:	06-14-00
Laboratory Number:	H462	Date Sampled:	06-09-00
Chain of Custody:	7924	Date Received:	06-12-00
Sample Matrix:	Soil	Date Analyzed:	06-14-00
Preservative:	Cool	Date Extracted:	06-13-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	5.6	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	4.8	2.2
o-Xylene	ND	1.0
Total BTEX	10.4	

ND - Parameter not detected at the stated detection limit.

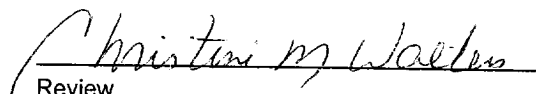
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Sandia Federal 1.


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