

DHY

Risk bedrock

LF
OK

District I _____	State Of New Mexico	SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE (Revised 3/9/94)
P.O. Box 1980, Hobbs, NM _____	Energy, Minerals and Natural Resources Department	
District II _____		
P.O. Drawer, Artesia, NM 88211	OIL CONSERVATION DIVISION	
District III _____	P.O. Box 2088	
1000 Rio Brazos Rd. Aztec, NM 87410	Santa Fe, New Mexico 87504-2088	

PIT REMEDIATION AND CLOSURE REPORT

Operator:	<u>Conoco Inc.</u>		Telephone:	<u>505-324-5813</u>	
Address:	<u>3315 Bloomfield Hwy - Farmington, NM 87401</u>				
Facility Or:	<u>Bruington LS 4</u>				
Well Name					
Location:	Unit or Qtr/Qtr Sec	<u> </u> K <u> </u> Sec	<u>6</u> T	<u>30N</u> R	<u>11W</u> County San Juan
Pit Type:	Separator <u> </u>	Dehydrator <u>X</u>	Other	<u> </u>	
Land Type:	BLM <u> </u> State <u> </u>	<u>X</u> Fee <u> </u>	Other	<u> </u>	
Pit Location: (Attach diagram)	Pit dimension:	length <u>12'</u>	width <u>10'</u>	depth	<u>4'</u>
	Reference:	wellhead <u>X</u>	other	<u> </u>	
	Footage from reference:	<u>83'</u>			
	Direction from reference:	<u>80</u> Degrees	<u>X</u>	East of <u>X</u> North	
				West <u> </u> South	

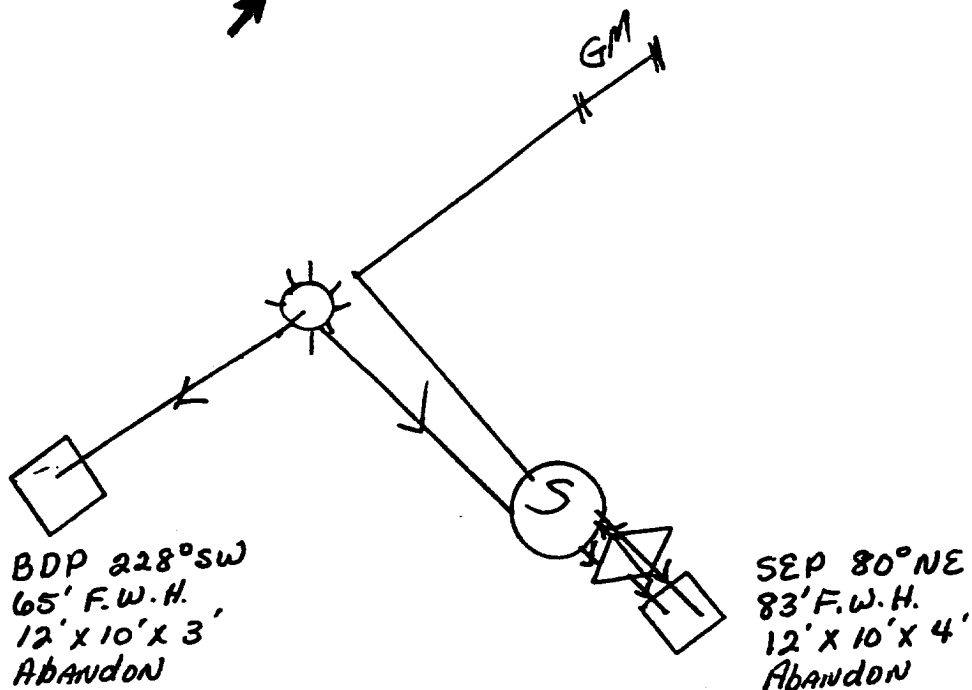
Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	
	Total		<u>10</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water 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: <u>8/3/1999</u>		Date Completed: <u>8/3/1999</u>	
Remediation Method:	Excavation: _____	Approx. cubic yards	<u>40</u>
(Check all appropriate sections)			
	Landfarm <u>X</u>	Insitu Bioremediation	_____
	Other _____		
Remediation Location:	Onsite <u>X</u>	Offsite	_____
(ie. landfarmed onsite, name and location of offsite facility)			
General Description Of Remedial Action: <u>Dug out pit to 16' X 12' X 8', encountered bedrock, sample taken; Landfarmed contaminated soil. Backfilled pit with clean soil.</u>			
Landfarm sampled 6/9/00; TPH = 16.6, Benzene = ND, Total BTEX = 0.00104 ppm. Landfarm closed.			
Ground Water Encountered:	No <u>X</u> Yes _____	Depth	_____
Final Pit:	Sample location	<u>Center of pit bottom</u>	
Closure Sampling:	_____		
(if multiple samples attach sample results and diagram of sample locations and depths)	Sample depth	<u>12'</u>	
	Sample date <u>8/3/1999</u>	Sample time	<u>1025</u>
Sample Results			
	Benzene (ppm)	<u>0.41</u>	
	Total BTEX (ppm)	<u>78.2</u>	
	Field headspace (ppm)	<u>427</u>	
	TPH	<u>7,750</u>	
Ground Water Sample:	Yes _____ No <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>9/6/01</u>	PRINTED NAME	<u>John E. Cofer</u>
SIGNATURE	<u>John E. Cofer</u>	AND TITLE	<u>Environmental Coordinator</u>

Lease Name: Brington^{LS} 4 Operator: Steve Miller Date: 3-8-99

Site Security
(Indicate North)



Lease Name: Brington^{LS} 4

Federal/ Indian Lease No: _____

CA No.: _____

Unit: K

Legal Description: S. 6 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

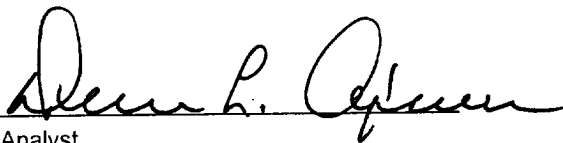
Client:	Conoco	Project #:	707003-069
Sample ID:	DHP - Grab	Date Reported:	08-09-99
Laboratory Number:	F839	Date Sampled:	08-02-99
Chain of Custody No:	7113	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-09-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	6,930	0.2
Diesel Range (C10 - C28)	823	0.1
Total Petroleum Hydrocarbons	7,750	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: **Bruington LS 4. OVM Reading 427.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco	Project #:	707003-069
Sample ID:	DHP - Grab	Date Reported:	08-09-99
Laboratory Number:	F839	Date Sampled:	08-02-99
Chain of Custody:	7113	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-09-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	409	8.8
Toluene	12,320	8.4
Ethylbenzene	4,360	7.6
p,m-Xylene	51,030	10.8
o-Xylene	10,120	5.2
Total BTEX	78,240	

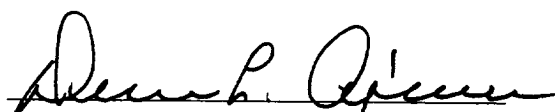
ND - Parameter not detected at the stated detection limit.

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.

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

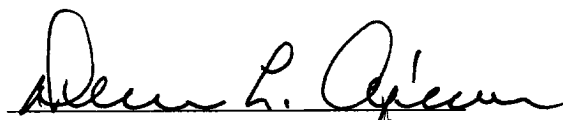
Client:	Conoco	Project #:	707003-069
Sample ID:	DHP - 4 Pt. Comp.	Date Reported:	08-09-99
Laboratory Number:	F840	Date Sampled:	08-02-99
Chain of Custody No:	7113	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-09-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	9,370	0.2
Diesel Range (C10 - C28)	1,150	0.1
Total Petroleum Hydrocarbons	10,520	0.2

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Comments: **Bruington LS 4.**


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Laboratory Number:	F840	Date Sampled:	08-02-99
Chain of Custody:	7113	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-09-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1,040	8.8
Toluene	5,240	8.4
Ethylbenzene	2,360	7.6
p,m-Xylene	17,230	10.8
o-Xylene	51,870	5.2
Total BTEX	77,740	

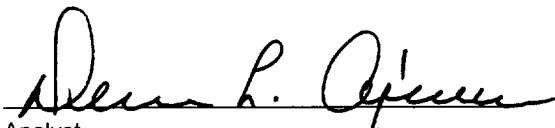
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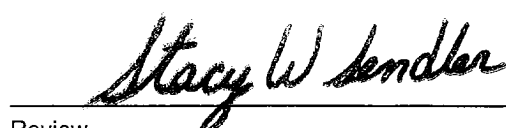
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Comments: Bruington LS 4.


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Review

CHAIN OF CUSTODY RECORD

7113

Client / Project Name			Project Location			ANALYSIS / PARAMETERS														
CONOCO			BRUNINGTON LS 4																	
Sampler: J. Valdez Client No. 707003-069						No. of Containers		BTex		TPIH		OUM READING		Remarks						
Sample No. / Identification	Sample Date	Sample Time	Lab Number	Sample Matrix																
BDP - GRAB	8-2-99	1238	F837	SOIL	1	✓	✓	430												
BDP - 4 PTCamp.	8-2-99	1238	F838	SOIL	1	✓	✓													
DHP - Grab	8-2-99	1235	F839	SOIL	1	✓	✓	427												
DHP - 4 PTCamp.	8-2-99	1240	F840	SOIL	1	✓	✓													
Relinquished by: (Signature)			Date			Time			Received by: (Signature)			Date			Time					
J. Valdez			8-5-99			1441			Alvin P. Cyren			8-5-99			1441					
Relinquished by: (Signature)									Received by: (Signature)											
Relinquished by: (Signature)									Received by: (Signature)											
Shifty 324-5813 ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615															Sample Receipt Received Intact Cool - Ice/Blue Ice			Y N N/A ✓ ✓		

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

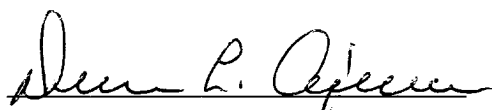
Client:	Conoco Inc.	Project #:	707003-157
Sample ID:	Landfarm	Date Reported:	06-14-00
Laboratory Number:	H458	Date Sampled:	06-09-00
Chain of Custody No:	7876	Date Received:	06-12-00
Sample Matrix:	Soil	Date Extracted:	06-13-00
Preservative:	Cool	Date Analyzed:	06-14-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

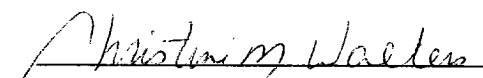
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.3	0.2
Diesel Range (C10 - C28)	16.3	0.1
Total Petroleum Hydrocarbons	16.6	0.1

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Comments: **Bruington LS 4.**


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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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Laboratory Number:	H458	Date Sampled:	06-09-00
Chain of Custody:	7876	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	2.7	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	7.7	2.2
o-Xylene	ND	1.0
Total BTEX	10.4	

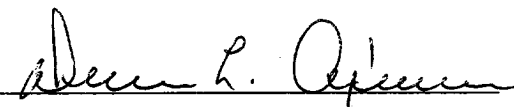
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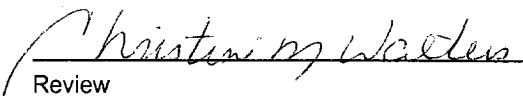
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	Bromofluorobenzene	100 %

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Review

7876

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