

OK

District I P.O. Box 1980, Hobbs, NM	State Of New Mexico Energy, Minerals and Natural Resources Department	RECEIVED JUL - 9 1999 OIL CON. DIV. DIST. 3	SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE (Revised 3/9/94)
District II P.O. Drawer, Artesia, NM 88211	OIL CONSERVATION DIVISION		
District III 1000 Rio Brazos Rd. Aztec, NM 87410	P.O. Box 2088 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>Newberry LS 4</u>			
Well Name _____			
Location:	Unit or Qtr/Qtr Sec	M	Sec
		9	T
		31	R
		12	County
			San Juan
Pit Type:	Separator	Dehydrator	Other
			TDP
Land Type:	BLM	State	X Fee
			Other
Pit Location: (Attach diagram)	Pit dimension:	length	7'
		width	7'
		depth	4'
	Reference:	wellhead	X
		other	
	Footage from reference:	174'	
	Direction from reference:	306	Degrees
			East
			of
		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 9 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		0
RANKING SCORE (TOTAL POINTS):		0	

Date Remediation Started: _____		Date Completed: _____	
Remediation Method: (Check all appropriate sections)	Excavation: _____ Landfarm _____ Other _____	Approx. cubic yards _____ Insitu Bioremediation _____	
Remediation Location: (ie. landfarmed onsite, name and location of offsite facility)	Onsite _____ Offsite _____		
General Description Of Remedial Action: <u>Sample taken -- till bottom of pit 1' in -- back fill with clean dirt</u>			
Ground Water Encountered:	No ☒ Yes ☐	Depth _____	
Final Pit:	Sample location	<u>center of pit -- 3' in off of bottom of pit</u>	
Closure Sampling:	Sample depth	<u>3'</u>	
(if multiple samples attach sample results and diagram of sample locations and depths)	Sample date	<u>4/13/99</u>	Sample time <u>10:00</u>
Sample Results			
	Benzene (ppm)	<u>3.2</u>	
	Total BTEX (ppm)	<u>33.6</u>	
	Field headspace (ppm)	<u>451</u>	
	TPH	<u>2,660</u>	
Ground Water Sample:	Yes ☐ 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	<u>6-28-99</u>	PRINTED NAME	_____
SIGNATURE	<u><i>Jack Vally</i></u>	AND TITLE	<u>P.E.</u>

Revised

Lease Name: Newberry ls 4

Operator: conoco Inc

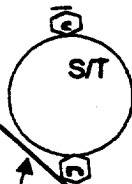
Date: 4-12-99

Site Security
(Indicate North)



TDP
306° W
174' FWH.
10'x10'x3'
Abandon

Pit,
Online



SEP
278° W
94' F.W.H.
8'x9'x2'
Abandon

Pit,
Online

H2O
Pit

Dehy



Meter #
71377

Lease Name: Newberry LS 4

Federal/ Indian Lease No: 078146

CA No.:

Unit: M

Legal Description: Sec.9-T31N-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

NEBERRY LS 4

4-12-99

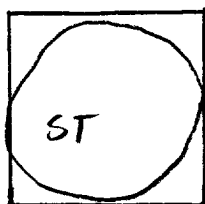
22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



SEP

MR

CMP



SEP
278° W
94' From W.H.

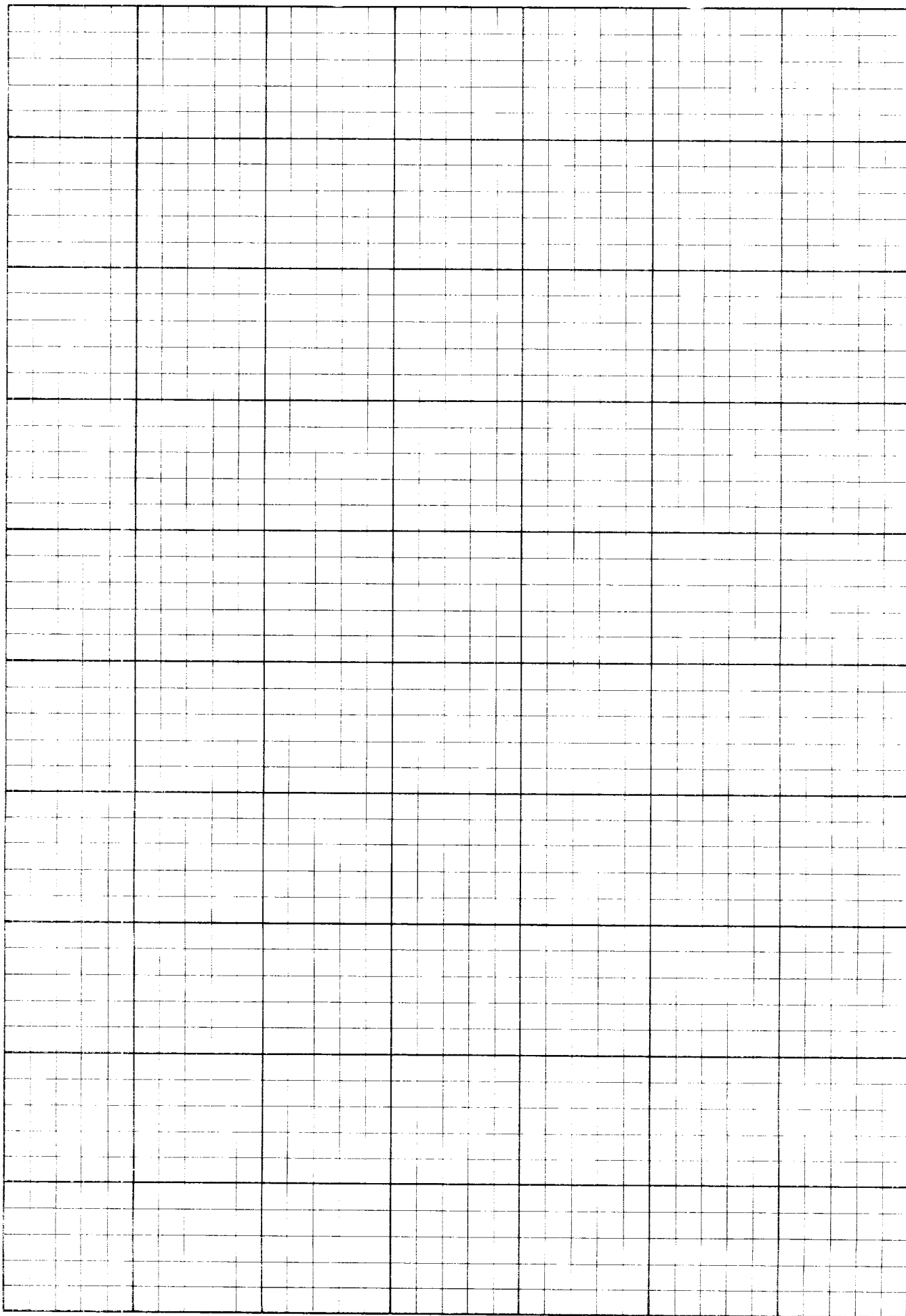
Time: 0937 PPM 424



TDP
306° W
174' From W.H.

Time 1000 PPM 451

⊙ Sample taken.



CHAIN OF CUSTODY RECORD

6784

Client / Project Name				Project Location			ANALYSIS / PARAMETERS					
CONOCO INC.				NEWBERRY LS 4								
Sampler: J. Valdez				Client No. 97070-03			Remarks					
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	TPH 8015	OVUM	Readings			
SCP-Grab	4-13-99	0957	F037	Soil	1	✓	✓	424				
TPD-Grab	4-13-99	1000	F038	Soil	1	✓	✓	451				
Relinquished by: (Signature) <i>J. Valdez</i>				Date	Time	Received by: (Signature) <i>Mari D. Jones</i>				Date	Time	
Relinquished by: (Signature)				4-15-99	1720					4/15/99	17:20	
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										✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003
Sample ID:	TDP - Grab	Date Reported:	04-17-99
Laboratory Number:	F038	Date Sampled:	04-13-99
Chain of Custody:	6784	Date Received:	04-15-99
Sample Matrix:	Soil	Date Analyzed:	04-16-99
Preservative:	Cool	Date Extracted:	04-16-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	3,170	8.8
Toluene	11,260	8.4
Ethylbenzene	3,030	7.6
p,m-Xylene	11,240	10.8
o-Xylene	4,920	5.2
Total BTEX	33,620	

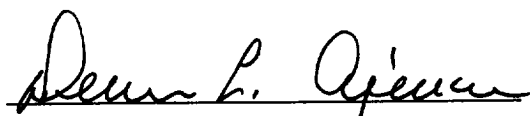
ND - Parameter not detected at the stated detection limit.

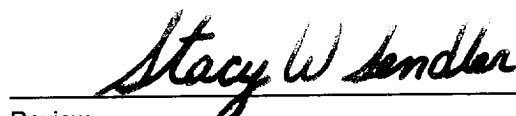
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

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 4. OVM Reading 451.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

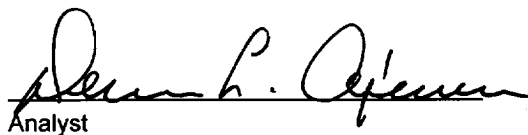
Client:	Conoco Inc.	Project #:	707003
Sample ID:	TDP - Grab	Date Reported:	04-16-99
Laboratory Number:	F038	Date Sampled:	04-13-99
Chain of Custody No:	6784	Date Received:	04-15-99
Sample Matrix:	Soil	Date Extracted:	04-16-99
Preservative:	Cool	Date Analyzed:	04-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,500	0.2
Diesel Range (C10 - C28)	155	0.1
Total Petroleum Hydrocarbons	2,660	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 4 . OVM Reading 451.


Analyst


Review

OK-111

District I P.O. Box 1980, Hobbs, NM	State Of New Mexico Energy, Minerals and Natural Resources 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)
District II P.O. Drawer, Artesia, NM 88211		
District III 1000 Rio Brazos Rd. Aztec, NM 87410		

RECEIVED
JUL - 9 1999
OIL CON. DIV.
DIST. 3

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>Newberry LS 4</u>			
Well Name _____			
Location:	Unit or Qtr/Qtr Sec	<u> </u> M <u> </u> Sec <u>9</u> T <u>31</u> N R	<u>12</u> County <u>San Juan</u>
Pit Type:	Separator <u> </u> <u>X</u>	Dehydrator <u> </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>8'</u>	width <u>9'</u> depth <u>2'</u>
	Reference:	wellhead <u>X</u>	other <u> </u>
	Footage from reference:	<u>94'</u>	
	Direction from reference:	<u>278</u> Degrees <u> </u> East of <u> </u> North <u>X</u> 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 9 feet	(10 points)	
	Greater than 100 feet	(0 points)	
	Total		<u>0</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>0</u>

Date Remediation Started: _____		Date Completed: _____	
Remediation Method: (Check all appropriate sections)	Excavation: _____	Approx. cubic yards _____	
	Landfarm _____	Insitu Bioremediation _____	
	Other _____		
Remediation Location: Onsite _____ Offsite _____			
(ie. landfarmed onsite, name and location of offsite facility)			
General Description Of Remedial Action:		Sample taken -- till bottom of pit 1' in -- back fill with clean dirt	
Ground Water Encountered:	No _____ X _____ Yes _____	Depth _____	
Final Pit:	Sample location	center of pit -- 3' in off of bottom of pit	
Closure Sampling:	_____		
(if multiple samples attach sample results and diagram of sample locations and depths)	Sample depth	3'	
	Sample date	4/13/99	Sample time 9:57
	Sample Results		
	Benzene (ppm)	5.2	
	Total BTEX (ppm)	71.7	
	Field headspace (ppm)	424	
	TPH	20,070	
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	6-28-99	PRINTED NAME	
SIGNATURE	<i>John Valley</i>	AND TITLE	P.L.

Revised

Lease Name: Newberry ls 4

Operator: conoco inc

Date:

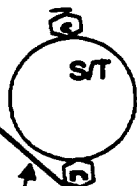
4-12-99

Site Security
(Indicate North)



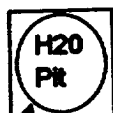
TOP
306° W
174' F.N.H.
10'x10'x3'
Abandon

Pit,
Online

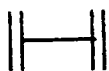


SEP
278° W
94' F.N.H.
8'x9'x2'
Abandon

Pit,
Online



Dehy



Meter #
71377

Lease Name: Newberry LS 4

Federal/ Indian Lease No: 078148

CA No.: _____

Unit: M

Legal Description: Sec.9-T31N-R12W

County: San Juan

Load line valves :
Sealed during Production

Drain line valves :
Sealed during Production

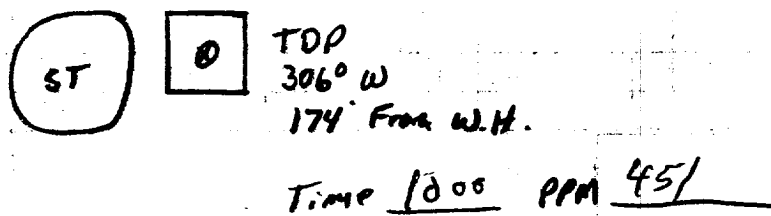
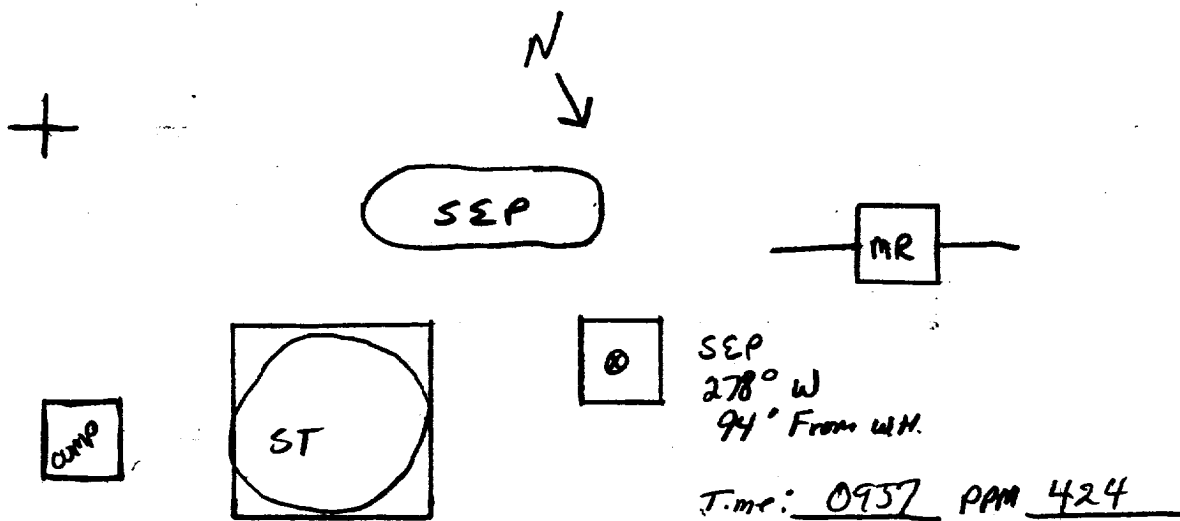
Production Line valve:
Sealed during sales

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

NEBERRY LS 4

4-12-99

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



⊙ Sample taken.

CHAIN OF CUSTODY RECORD

6784

Client / Project Name			Project Location			ANALYSIS / PARAMETERS									
LONOCO INC.			NEUBERRY LS 4												
Sampler: J. Valdez			Client No. 97070-03			Remarks									
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	TPH 8015	OVUM Readings							
SEP-Grab	4-13-99	0957	F037	Soil	1	✓	✓	424							
TDP-Grab	4-13-99	1000	F038	Soil	1	✓	✓	451							
Relinquished by: (Signature) <i>J. Valdez</i>			Date 4-15-99		Time 1720		Received by: (Signature) <i>Mari D. Jones</i>			Date 4/15/99		Time 17:20			
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 Y N N/A Received Intact Cool - Ice/Blue Ice			

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003
Sample ID:	SEP - Grab	Date Reported:	04-17-99
Laboratory Number:	F037	Date Sampled:	04-13-99
Chain of Custody:	6784	Date Received:	04-15-99
Sample Matrix:	Soil	Date Analyzed:	04-16-99
Preservative:	Cool	Date Extracted:	04-16-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5,210	8.8
Toluene	31,320	8.4
Ethylbenzene	7,120	7.6
p,m-Xylene	18,030	10.8
o-Xylene	10,040	5.2
Total BTEX	71,720	

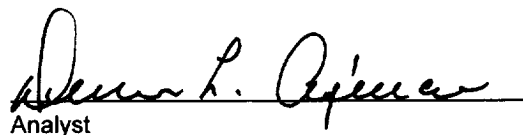
ND - Parameter not detected at the stated detection limit.

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 4. OVM Reading 424.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

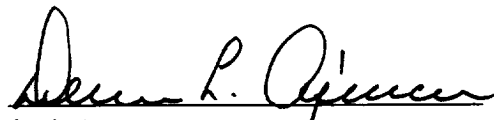
Client:	Conoco Inc.	Project #:	707003
Sample ID:	SEP - Grab	Date Reported:	04-16-99
Laboratory Number:	F037	Date Sampled:	04-13-99
Chain of Custody No:	6784	Date Received:	04-15-99
Sample Matrix:	Soil	Date Extracted:	04-16-99
Preservative:	Cool	Date Analyzed:	04-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	18,280	0.2
Diesel Range (C10 - C28)	1,790	0.1
Total Petroleum Hydrocarbons	20,070	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 4. OVM Reading 424.


Analyst


Review