

1000 Rio Brazos Rd. Aztec, NM 87410

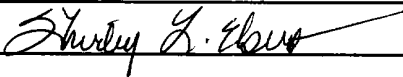
Energy, Minerals and Natural Resources Department

Santa Fe, New Mexico 87504-2088

(REVISED 3/9/94)

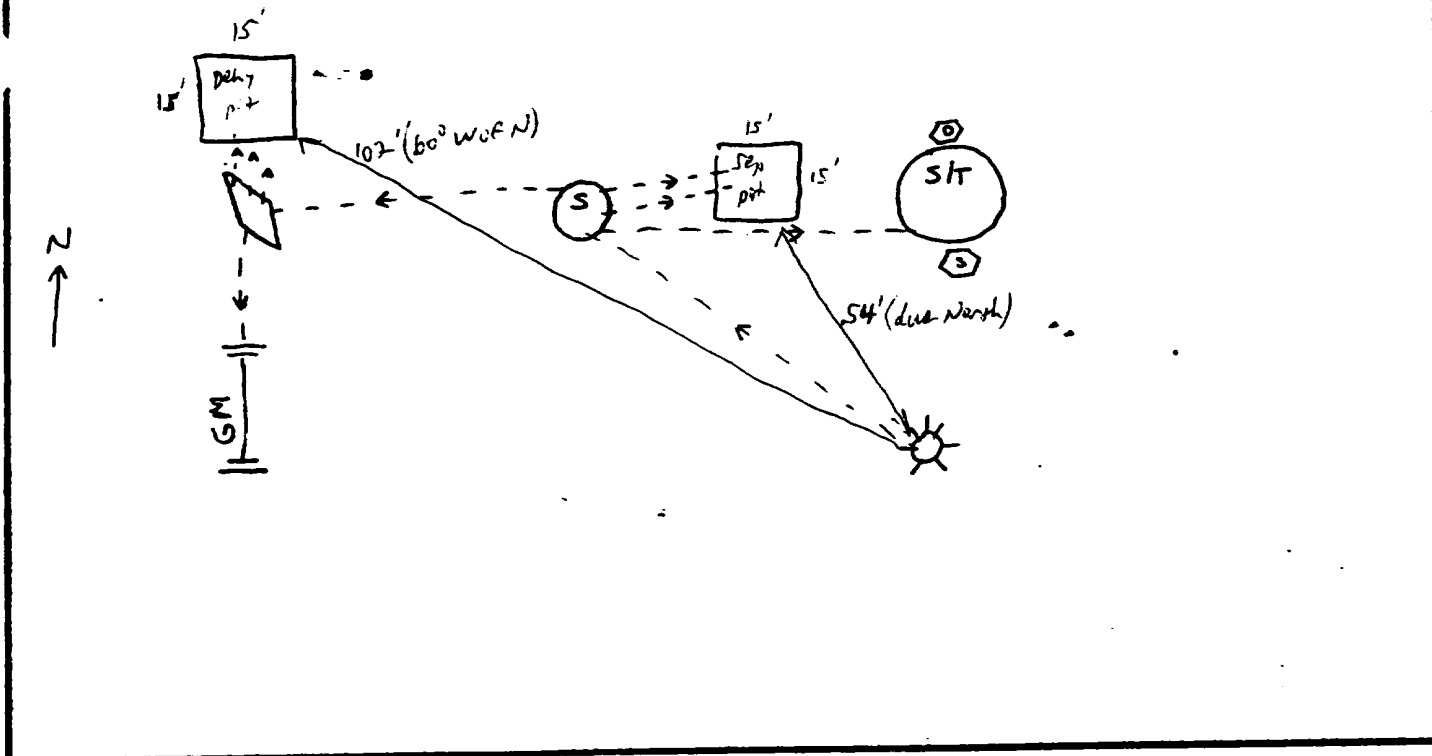
PIT REMEDIATION AND CLOSURE REPORT

RANKING SCORE (TOTAL POINTS): 0

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 was taken at 3' below bottom of pit center. No PID reading was conducted on location. Samples were transported to laboratory for TPH analysis per EPA Method 8015 and for BTEX analysis per EPA Method 8020A			
Ground Water Encountered: No <input checked="" type="checkbox"/> Yes _____ Depth _____			
Final Pit:	Sample location	Bottom of pit - center	
Closure Sampling:	_____		
(if multiple samples attach sample results and diagram of sample locations and depths)	Sample depth	3'	
	Sample date	6/30/99	Sample time 5:00pm
	Sample Results		
	Benzene (ppm)	< 0.025	
	Total BTEX (ppm)	0.36 - 435	
	Field headspace (ppm)	Not Taken	
	TPH	84.9	
Ground Water Sample: Yes _____ No <input checked="" type="checkbox"/> (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	8/13/99	PRINTED NAME	Shirley L. Ebert
SIGNATURE		AND TITLE	Field SHEAR Specialist

Date: 3/2/93

Site Security
(Indicate North)



Lease Name: Federal 16 A

Federal/ Indian Lease No: NMNM 029144

CA No.: _____

Unit: F

Legal Description: Sect: 9 TP: 27N R: 8W

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

6947

[illegible]

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

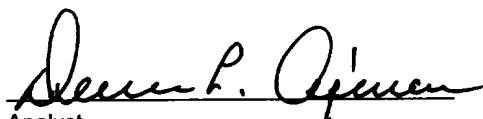
Client:	Conoco Inc.	Project #:	707003-049
Sample ID:	Sep. Pit	Date Reported:	07-02-99
Laboratory Number:	F622	Date Sampled:	06-30-99
Chain of Custody No:	6947	Date Received:	07-01-99
Sample Matrix:	Soil	Date Extracted:	07-01-99
Preservative:	Cool	Date Analyzed:	07-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.0	0.2
Diesel Range (C10 - C28)	82.9	0.1
Total Petroleum Hydrocarbons	84.9	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: **Federal #16A.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-02-TPH QA/QC	Date Reported:	07-02-99
Laboratory Number:	F619	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.1457E-001	1.1448E-001	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	7.9565E-002	7.9438E-002	0.16%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	0.6	0.6	0.0%	0 - 30%
Diesel Range C10 - C28	54.9	54.7	0.4%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	0.6	250	250	100%	75 - 125%
Diesel Range C10 - C28	54.9	250	304	100%	75 - 125%

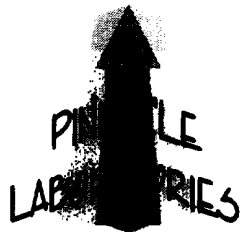
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for samples F619 - F624.


Analyst


Review



2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : ENVIROTECH, INC.
PROJECT # : 0707003
PROJECT NAME : CONOCO

PINNACLE I.D.: 907036

PROJECT NAME		CONC		DATE	DATE	DATE	DIL.
SAMPLE	CLIENT I.D.	MATRIX	SAMPLED	EXTRACTED	ANALYZED		FACTOR
04	SEP PIT/F622	NON-AQ	6/30/99	7/1/99	7/14/99		1
PARAMETER	DET. LIMIT	UNITS	SEP PIT/F622				
BENZENE	0.025	MG/KG	< 0.025				
TOLUENE	0.025	MG/KG	< 0.025				
ETHYLBENZENE	0.025	MG/KG	< 0.025				
TOTAL XYLENES	0.025	MG/KG	0.36				

SURROGATE:

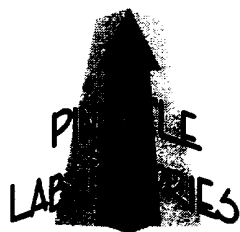
BROMOFLUOROBENZENE (%)

SURROGATE LIMITS (65 - 120)

96

CHEMIST NOTES:

N/A



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GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 907036
BLANK I. D.	: 071499	DATE EXTRACTED	: N/A *
CLIENT	: ENVIROTECH, INC.	DATE ANALYZED	: 7/14/99
PROJECT #	: 0707003	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: CONOCO		

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.025

SURROGATE:

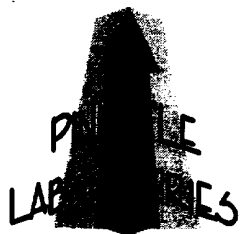
BROMOFLUOROBENZENE (%)

91

SURROGATE LIMITS: (80 - 120)

CHEMIST NOTES:

* = NO EXTRACTION REAGENT BLANK WAS PROVIDED WITH THE EXTRACTS TO THE LABORATORY. AN INSTRUMENT BLANK WAS REPORTED IN ITS PLACE.



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GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 907036
MSMSD #	: 907036-03 *	DATE EXTRACTED	: 7/1/99
CLIENT	: ENVIROTECH, INC.	DATE ANALYZED	: 7/14/99
PROJECT #	: 0707003	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: CONOCO	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	0.95	95	0.92	92	3	(68 - 120)	20
TOLUENE	<0.025	1.00	1.00	100	0.99	99	1	(64 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.06	106	1.03	103	3	(49 - 127)	20
TOTAL XYLENES	<0.025	3.00	2.96	99	2.92	97	1	(58 - 120)	20

CHEMIST NOTES:

* = NO EXTRACTION QC WAS PROVIDED TO THE LABORATORY WITH THE EXTRACTS. AN EXTRACT WAS SELECTED AND SPIKED AT THE INSTRUMENT.

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$