

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
STATE OFFICE
(Revised 8/94)

RECEIVED
AUG 26 1994
OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco Inc.

Address: 3315 Bloomfield Hwy - Farmington, NM 87401

Facility Or: Marron WN Fed Com 1

Well Name _____

Location: Unit or Qtr/Qtr Sec N Sec 27 T 27N R 8W County San Juan

Pit Type: Separator X Dehydrator Other

Land Type: BLM State X Fee Other

Telephone: 505-324-5813

Pit Location:
(Attach diagram)

Pit dimension: length 21' width 15' depth 3'

Reference: wellhead X other

Footage from reference: 90'

Direction from reference: 50 Degrees X East of North
West X 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: Excavation: _____ Approx. cubic yards _____
(Check all appropriate sections)
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 ☒ 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 7/2/99 Sample time 11:00am

Sample Results

Benzene (ppm) < 0.025

Total BTEX (ppm) 0.345

Field headspace (ppm) Not Taken

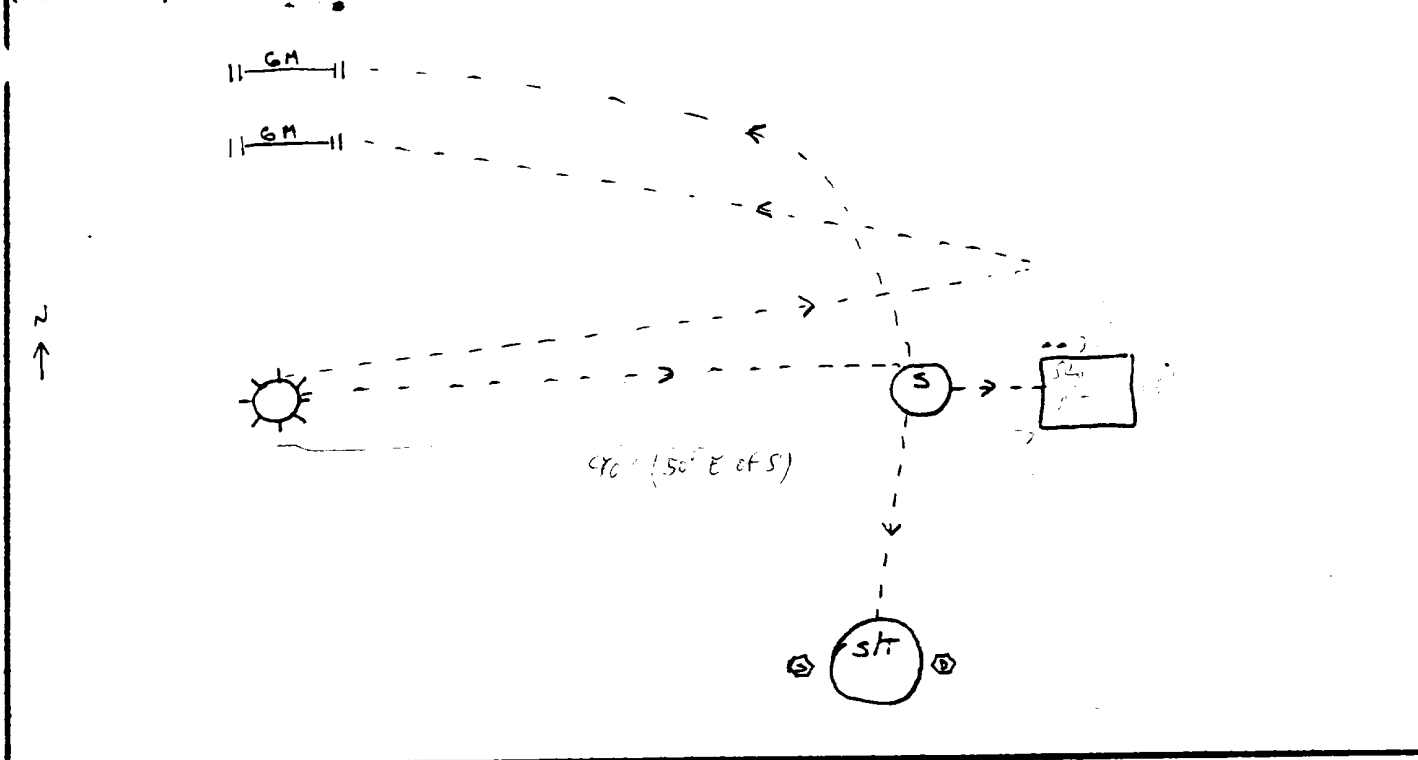
TPH 1.4

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 8/13/99 PRINTED NAME Shirley L. Ebert

SIGNATURE Shirley L. Ebert AND TITLE Field SHEAR Specialist

Lease Name: Marron WN Fed Com 1Operator: L. HernandezDate: 2/16/98Site Security
(Indicate North)Lease Name: Marron WN Fed Com 1Federal/ Indian Lease No: NM 03604CA No.: 7940011840Unit: NLegal Description: Sect: 27 TP: 27N R: 8WCounty: San Juan, NMLoad line valves :
Sealed during ProductionDrain line valves :
Sealed during ProductionProduction 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

6969

[illegible]

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

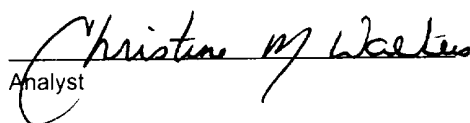
Client:	Conoco	Project #:	70700348
Sample ID:	Sep Pit	Date Reported:	07-09-99
Laboratory Number:	F631	Date Sampled:	07-02-99
Chain of Custody No:	6969	Date Received:	07-06-99
Sample Matrix:	Soil	Date Extracted:	07-06-99
Preservative:	Cool	Date Analyzed:	07-08-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.4	0.1
Total Petroleum Hydrocarbons	1.4	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: **Marron Fed Com # 1.**


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:	07-08-TPH QA/QC	Date Reported:	07-09-99
Laboratory Number:	F626	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-08-99
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

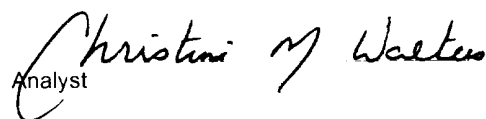
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	5.4	5.4	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	5.4	250	255	100%	75 - 125%

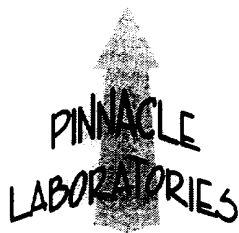
ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F626 - F631.


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

SAMPLE		MATRIX	DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.		SAMPLED	EXTRACTED	ANALYZED	FACTOR
08	SEP PIT/F631	NON-AQ	7/2/99	7/1/99	7/14/99	1
PARAMETER		DET. LIMIT	UNITS	SEP PIT/F631		
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	0.27		

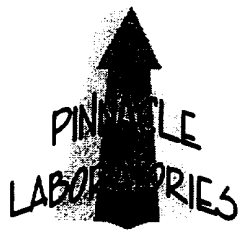
SURROGATE:

BROMOFLUOROBENZENE (%)
SURROGATE LIMITS (65 - 120)

92

CHEMIST NOTES:

N/A



2709-ID Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
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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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 Albuquerque, New Mexico 87107
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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.

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

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