

District I

State Of New Mexico

SUBMIT 1 COPY TO

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

RECEIVED
AUG 24 1999APPROPRIATE
DISTRICT OFFICEAND 1 COPY TO
SANTA FE OFFICEOIL CON. DIV.
(Revised 3/9/94)

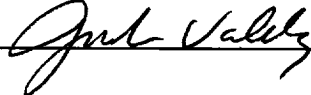
DIST. 3

PIT REMEDIATION AND CLOSURE REPORTOperator: Conoco Inc.Telephone: 505-324-5813Address: 3315 Bloomfield Hwy - Farmington, NM 87401Facility Or: Moore Com 1E

Well Name

Location: Unit or Qtr/Qtr Sec M Sec 25 T 32N R 12W County San JuanPit Type: Separator X Dehydrator Other Land Type: BLM State Fee X Other Pit Location: Pit dimension: length 10' width 10' depth 4'
(Attach diagram)Reference: wellhead X other Footage from reference: 145'Direction from reference: 316 Degrees East of North
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	<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: (ie. landfarmed onsite, name and location of offsite facility)	Onsite _____	Offsite _____	
General Description Of Remedial Action: _____			
Sample taken -- till bottom of pit 1' in -- back fill clean soil. 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	7'	
	Sample date	6/11/99	Sample time 2:55 PM
	Sample Results		
	Benzene (ppm)	0.19	
	Total BTEX (ppm)	9.6	
	Field headspace (ppm)	364	
	TPH	2,160	
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	8/3/99	PRINTED NAME	Judson Valdez
SIGNATURE		AND TITLE	Project Lead

Revised: 11-17-98

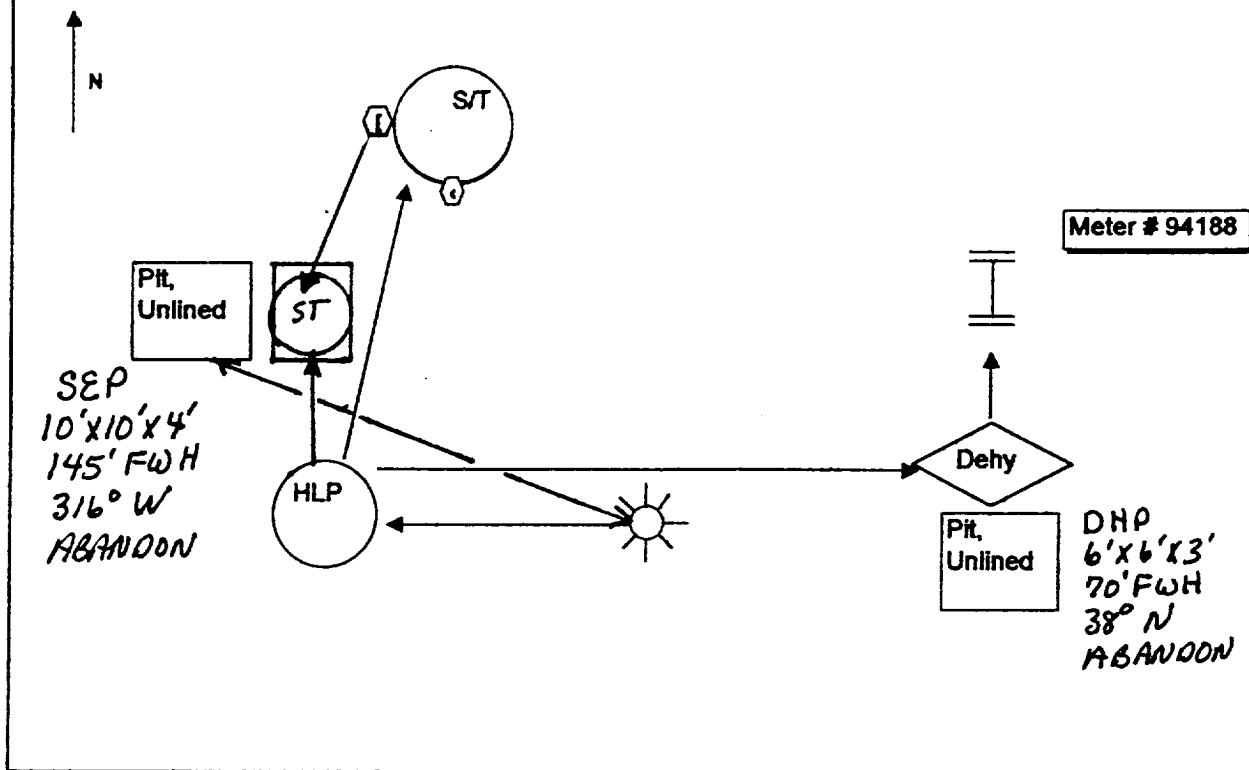
Lease Name: Moore Com 1E

Operator: Conoco Inc.

6-11-99

Site Security

(Indicate North)

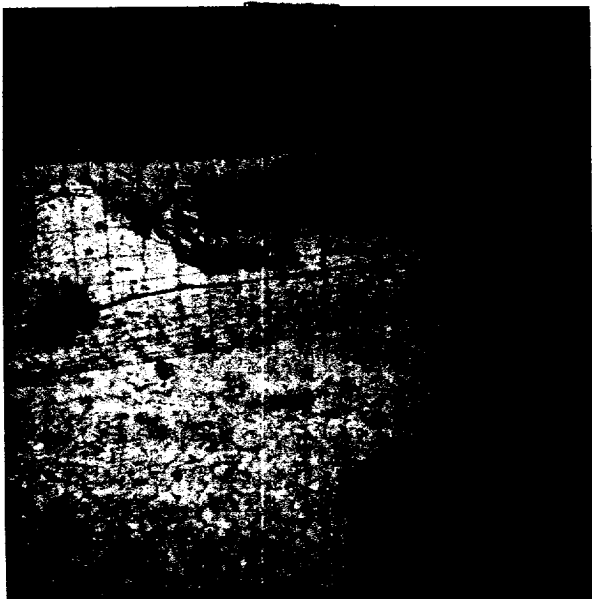


Lease Name: Moore Com 1E

Federal/ Indian Lease No: SW379

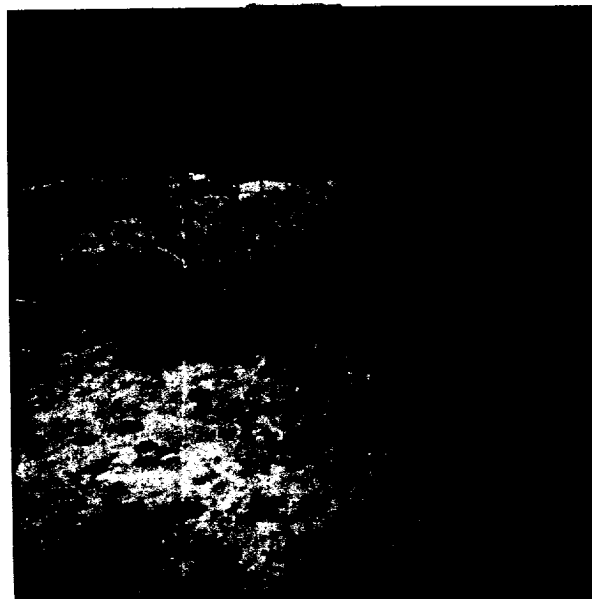
CA No.: _____

Unit: N



MOORE Com 1E
SEP 6-11-99

This lease is subject to the
San Juan Basin Operator
Conoco Inc.
3315 Bloomfield Hwy
Farmington, NM



MOORE Com 1E
DHP 6-11-99

6958

[illegible]

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

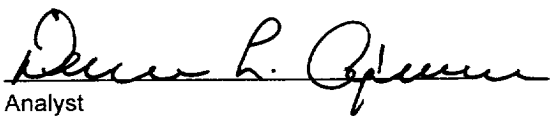
Client:	Conoco Inc.	Project #:	707003-040
Sample ID:	SEP - Grab	Date Reported:	06-15-99
Laboratory Number:	F508	Date Sampled:	06-11-99
Chain of Custody No:	6958	Date Received:	06-14-99
Sample Matrix:	Soil	Date Extracted:	06-14-99
Preservative:	Cool	Date Analyzed:	06-15-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,080	0.2
Diesel Range (C10 - C28)	80.8	0.1
Total Petroleum Hydrocarbons	2,160	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: **Moore COM 1E. OVM Reading 364.**


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:	06-15-TPH QA/QC	Date Reported:	06-15-99
Laboratory Number:	F505	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-15-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	03-15-99	6.4386E-002	6.4205E-002	0.28%	0 - 15%
Diesel Range C10 - C28	03-15-99	3.0815E-002	3.0735E-002	0.26%	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

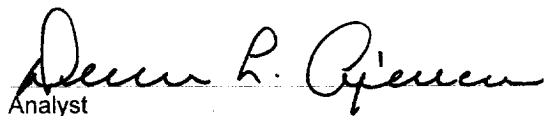
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	4,220	4,200	0.5%	0 - 30%
Diesel Range C10 - C28	275	274	0.3%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	4,220	250	4,460	100%	75 - 125%
Diesel Range C10 - C28	275	250	524	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 F505 - F510.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: N/A
Sample ID: 06-15-BTEX QA/QC
Laboratory Number: F505
Sample Matrix: Soil
Preservative: N/A
Condition: N/A

Project #: N/A
Date Reported: 06-15-99
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 06-15-99
Analysis: BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	1.6360E-002	1.6399E-002	0.2%	ND	0.2
Toluene	1.7563E-002	1.7595E-002	0.2%	ND	0.2
Ethylbenzene	7.1313E-003	7.1463E-003	0.2%	ND	0.2
p,m-Xylene	8.5740E-003	8.5955E-003	0.3%	ND	0.2
o-Xylene	7.9281E-003	7.9416E-003	0.2%	ND	0.1

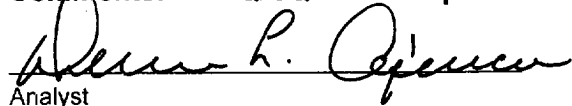
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5,040	5,020	0.4%	0 - 30%	8.8
Toluene	21,560	21,390	0.8%	0 - 30%	8.4
Ethylbenzene	3,290	3,260	0.9%	0 - 30%	7.6
p,m-Xylene	18,520	18,410	0.6%	0 - 30%	10.8
o-Xylene	8,460	8,460	0.0%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5,040	50.0	5,080	100%	39 - 150
Toluene	21,560	50.0	21,570	100%	46 - 148
Ethylbenzene	3,290	50.0	3,330	100%	32 - 160
p,m-Xylene	18,520	100.0	18,580	100%	46 - 148
o-Xylene	8,460	50.0	8,490	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for samples F505 and F508.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-040
Sample ID:	SEP - Grab	Date Reported:	06-15-99
Laboratory Number:	F508	Date Sampled:	06-11-99
Chain of Custody:	6958	Date Received:	06-14-99
Sample Matrix:	Soil	Date Analyzed:	06-15-99
Preservative:	Cool	Date Extracted:	06-14-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	191	8.8
Toluene	1,870	8.4
Ethylbenzene	766	7.6
p,m-Xylene	5,630	10.8
o-Xylene	1,160	5.2
Total BTEX	9,620	

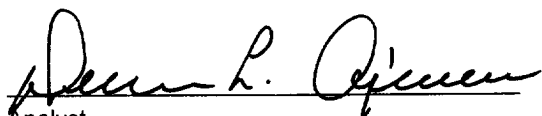
ND - Parameter not detected at the stated detection limit.

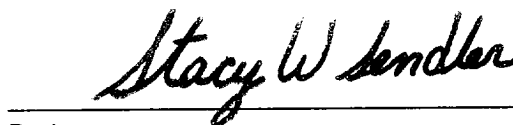
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

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: Moore COM 1E. OVM Reading 364.


Analyst


Review