

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  <b>OIL CONSERVATION DIVISION</b> 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)
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## PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>Conoco Inc.</u>		Telephone: <u>505-324-5846</u>	
Address: <u>3315 Bloomfield Hwy - Farmington, NM 87401</u>			
Facility Or: <u>Mudge Fed #1</u>			
Well Name _____			
Location:	Unit or Qtr/Qtr Sec	<u>A</u> Sec <u>30</u> T <u>27N</u> R <u>11W</u> w	San Juan
Pit Type:	Separator _____	Dehydrator <u>X</u>	Other _____
Land Type:	BLM <u>X</u> State _____	Fee _____	Other _____
Pit Location: (Attach diagram)	Pit dimension:	length <u>10'</u>	width <u>10'</u> depth <u>4'</u>
	Reference:	wellhead <u>X</u>	other _____
	Footage from reference:	<u>75'</u>	
	Direction from reference:	<u>320</u> Degrees	East of <u>X</u> North _____ 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 99 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: _____		N/A		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: _____					
Non-vulnerable area - no remediation necessary.					
Pit was backfilled and reseeded.					
Ground Water Encountered: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Depth _____					
Final Pit: _____		Sample location <u>3' below pit bottom</u>			
Closure Sampling: _____					
(if multiple samples attach sample results and diagram of sample locations and depths)		Sample depth <u>7'</u>			
		Sample date <u>2/9/00</u> Sample time <u>10:00 AM</u>			
		Sample Results			
		Benzene (ppm)		<u>0.0097</u>	
		Total BTEX (ppm)		<u>0.111</u>	
		Field headspace (ppm)		<u>Not measured</u>	
		TPH (ppm)		<u>ND</u>	
Ground Water Sample: Yes <input type="checkbox"/> 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 <u>9/6/01</u>		PRINTED NAME <u>John E. Cofer</u>			
SIGNATURE <u>John E. Cofer</u>		AND TITLE <u>Environmental Coordinator</u>			

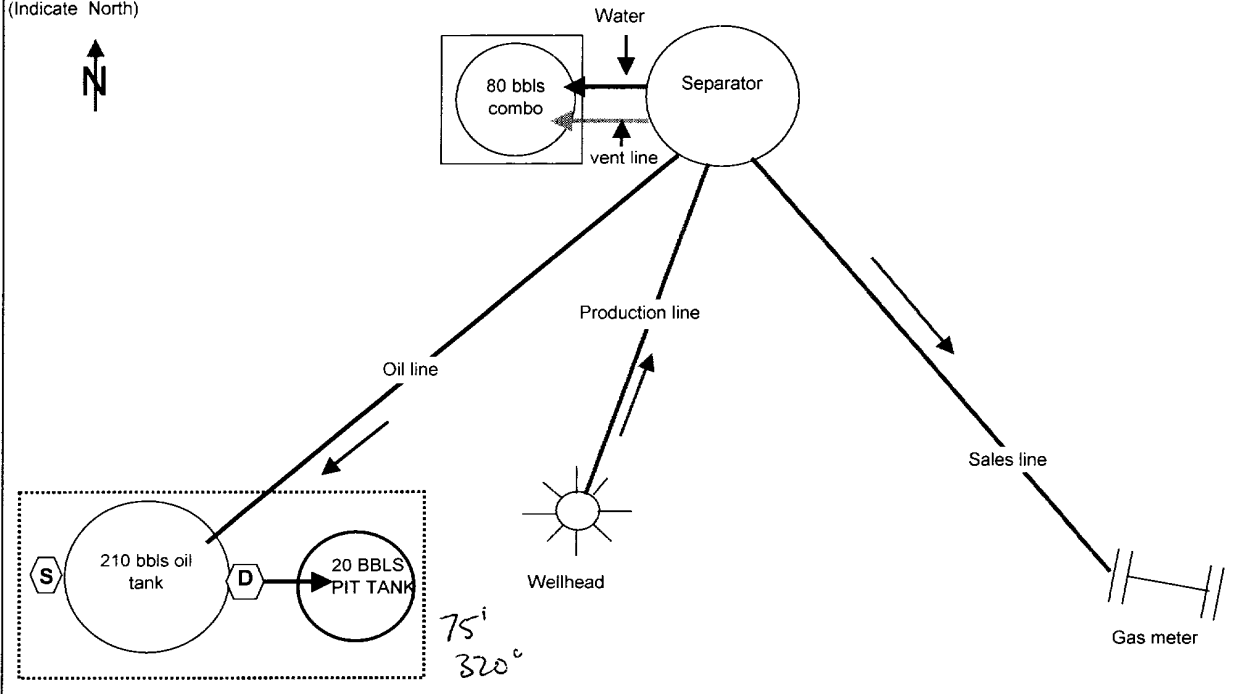
Revised 02/05/00

Lease Name: MUDGE FED #1

Operator: CONOCO

Date: FEBRUARY 5, 2000

Site Security  
(Indicate North)



Lease Name: MUDGE FED #1

Federal/ Indian Lease No: SF 078896

CA No.: 8910079400

Unit : A

Legal Description: SEC 30 T27N R11W

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

Lease Name: MUDGE FED #1		Operator: CONOCO		Date: FEBRUARY 5, 2000		
Earthen pits: NONE	#	Type: (vent, sep, H2O etc) Size: Oil Stained Yes No				
Steel pits:	#	Type: (vent, sep, H2O etc) Size:				
		1 WATER/VENT 80 BBLES 1 WATER 20 BBLS				
Storage Tanks:	#	Water/Oil	Bbls.	Ht.	Dia.	Color:
		1 OIL	210 BBLS	15' 6"	10'	TAN
		Avg. volume stored:		Annual thruput		Sep Psi. Upstream
		100 BBLS		150 BBLS		210 PSIG
Natural Gas Fired Vessels: (Htr/trt, Sep, Glycol Reb.)	#	Water/Oil	Bbls.	Ht.	Dia.	Color:
		Avg. volume stored:		Annual thruput		Sep Psi. Upstream
		Type/size:		MFR:		Vessel Size (btu/hr)
		1 3 PHASE		PANHANDLE STEEL		150,000 BTU
Glycol Dehy's	#	Glycol flowrate (gpm) Design		Actual		
		Natural gas rate (mmcf/d):		Design Glycol type (TEG, DEG, EG, Other)		
Compressor	#	Engine description (include LxWxH)				
		Ht of Ex Stack above Equip:		MFR:		
SPCC	#	Max RPM's run on sustained basis:				
		Top	Bottom	Distance from water source		NA
Chem Storage (bulk)	#	Chemical Vendor	Chemical Name	Quantity Stored	# of Bulk Containers	
Asbestos	#	Is tin on vessel torn, punctured, etc.?				
		Insulation visible?				
H2S	#	Other				
		PPM				
Remarks: New Location						

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

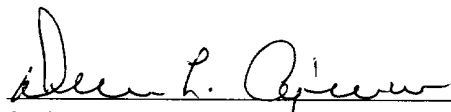
Client:	Conoco	Project #:	707003-127
Sample ID:	DEHY	Date Reported:	02-11-00
Laboratory Number:	G816	Date Sampled:	02-09-00
Chain of Custody No:	7540	Date Received:	02-10-00
Sample Matrix:	Soil	Date Extracted:	02-11-00
Preservative:	Cool	Date Analyzed:	02-11-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

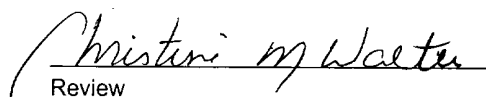
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

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: **Mudge Fed #1. 320° North-West 75' from w/Head.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco	Project #:	707003-127
Sample ID:	DEHY	Date Reported:	02-11-00
Laboratory Number:	G816	Date Sampled:	02-09-00
Chain of Custody:	7540	Date Received:	02-10-00
Sample Matrix:	Soil	Date Analyzed:	02-11-00
Preservative:	Cool	Date Extracted:	02-11-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	9.7	1.8
Toluene	28.2	1.7
Ethylbenzene	18.6	1.5
p,m-Xylene	38.7	2.2
o-Xylene	15.4	1.0
Total BTEX	111	

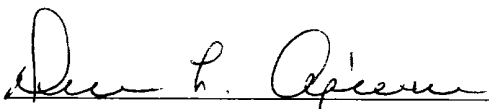
ND - Parameter not detected at the stated detection limit.

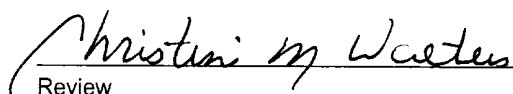
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Mudge Fed #1. 320° North-West 75' from W/Head.

  
Analyst

  
Review

7540

# ENVIROTECH INC.

5796 U.S. Highway 64  
Farmington, New Mexico 87401  
(505) 632-0615