

District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.O. Box 1980, Hobbs, NM  
District III  
P.O. Box 1980, Hobbs, NM  
1000 Rio Brazos Road, Santa Fe, NM 87504-2088  
SEP 26 1997

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  
SANTA FE OFFICE

## PIT REMEDIATION AND CLOSURE REPORT

Operator: Phillips Petroleum Company Telephone: (505) 599-3462

Address: 5525 Hwy. 64, NBU 3004, Farmington, NM 87401

Facility Or: San Juan 29 - 6 Unit # 79  
Well Name

Location: Unit or Qtr/Qtr Sec SWSW Sec 24 T 29N R 6W County Rio Arriba

Pit Type: Separator X Dehydrator        Other       

Land Type: BLM X State        Fee        Other       

Pit Location: Pit dimensions: Length 25 ft, width 25 ft, depth 4 ft  
(Attach diagram)

Reference: wellhead X other       

Footage from reference: 55 ft

Direction from reference: 0 Degrees East of North X  
West South

Depth to Ground Water: 160 ft  
(vertical distance from  
contaminants to seasonal  
highwater elevation of  
ground water)

Less than 50 feet	(20 points)	
50 ft to 99 feet	(10 points)	
<u>X</u> Greater than 100 feet	(0 points)	<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)	
<u>X</u> No	(0 points)	<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)	
<u>X</u> 200 feet to 1000 feet	(10 points)	
Greater than 1000 feet	(0 points)	<u>0</u>

Date Remediation Started: 11/17/93

Dated Completed: 11/17/93

Excavation \_\_\_\_\_

Approx. cubic yards \_\_\_\_\_

Landfarmed \_\_\_\_\_

Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

Remediation Method:

Onsite \_\_\_\_\_

Offsite \_\_\_\_\_

(Check all appropriate  
sections)

General Description of Remedial Action- The site was assessed on 11/17/93. The assessment provided a sample three feet below pit bottom. The sample was tested and provided concentrations below NMOCD and BLM guidelines.

Ground Water Encountered:

No X

Yes \_\_\_\_\_

Depth \_\_\_\_\_

Final Pit:

Closure Sampling:  
(if multiple samples,  
attach sample results

and diagram of sample  
locations and depths)

Sample location Center of pit

Sample depth 7' below ground level

Sample date 11/17/93

Sample time 13:00

Sample Results

Benzene(ppm) ND

Total BTEX (PPM) 0.99

Field Headspace (ppm) 103

TPH 1204 ppm

Ground Water Sample: Yes

No X

(if yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETED TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 7/22/97

PRINTED NAME Bob Wirtanen

SIGNATURE RA. Wirtanen

and TITLE Sr. Safety & Environmental Specialist

# ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401  
(505) 632-0815

PIT NO: PA093

C.D.C. NO: 3203

## FIELD REPORT: SITE ASSESSMENT

JOB No: 93163

PAGE No: 1 of 1

PROJECT: PIT ASSESSMENT  
CLIENT: PHILLIPS PETROLEUM  
CONTRACTOR: ENVIROTECH INC.  
EQUIPMENT USED: CASE EXTEND-A-DIG

DATE STARTED: 11-17-93  
DATE FINISHED: 11-17-93  
ENVIRO. SPCLT: REO  
OPERATOR: Cimarron  
ASSISTANT: K.S.

LOCATION: LEASE: San Juan 29-6 WELL: # 79 QD: 990' FSL, 1160' FWL (M)  
SEC: 24 TWP: 29N RNG: 6W PM: NM CNTY: R.A. ST: NM PIT: Sep.

LAND USE: Range - Lease # SF 078284

SURFACE CONDITIONS: Earthen pit - 25' x 25' - No surface stain - 2" water

PIT CENTER IS LOCATED APPROXIMATELY 55 FEET North OF WELLHEAD.

CLOSURE STD: 5000 ppm TPH

RANKING SCORE: 0

T1 : Moist, brown-->light gray, silty/sandy/  
siltstone  
Bottom - light odor

602 x 2 = 1204 GAC#0334

## TEST HOLE LOGS

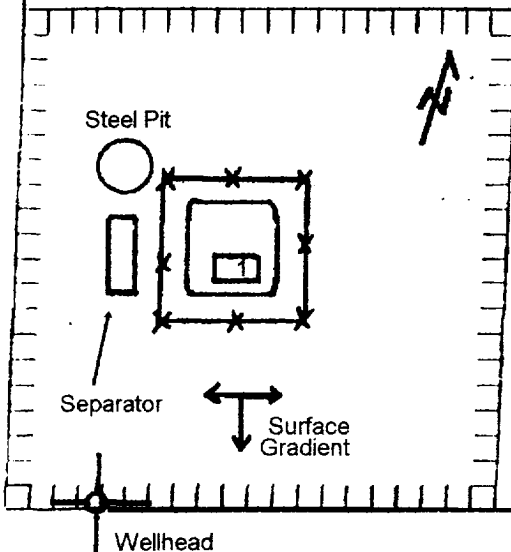
SAMPLE INVENTORY		
SMPLE ID	SMPLE TYPE	LABORATORY ANALYSIS
T1 @7'	Soil	1204 ppm
T1 @7'	Soil	BTEX

SCALE



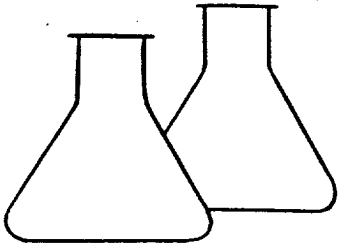
0 10 20 FEET

## SITE DIAGRAM



TH#:	TH#:	TH#:	TH#:
SOIL TYPE:	SMPLE OVA/TYPE:	SOIL TYPE:	SMPLE OVA/TYPE:
GD	TPH	GD	TPH
1			
2			
3			
4	Pit bottom		
5	SM GRB 587		
6			
7	SM GRB 103		
8	ID = 7'		
9			
10			
11			
12			
13			
14			

SOIL TYPE: C - Clay, M - Silty, S - Sand, G - Gravel, Filler/Gravel - F, Hard, H - Plastic, Gravel: P - Pebbles, V - V-S



# ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401  
PHONE: (505) 632-0615 • FAX: (505) 632-1865

## FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: Phillips Petroleum  
Sample ID: T1 @ 7'  
Project Location: San Juan 29-6, #79  
Laboratory Number: GAC0334

Project #: 93163  
Date Analyzed: 11-17-93  
Date Reported: 11-22-93  
Sample Matrix: Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	1,200	10

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg -----	Duplicate TPH mg/kg -----	% *Diff. -----
	112	92	20

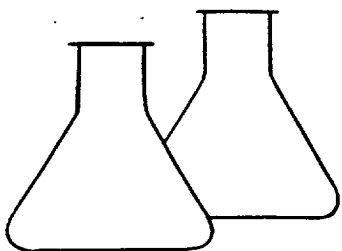
\*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Separator Pit PA093

R. E. O'Neill  
Analyst

Morris D. Young  
Review



# ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401  
PHONE: (505) 632-0615 • FAX: (505) 632-1865

## EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Phillips	Project #:	93163
Sample ID:	T 1 @ 7'	Date Reported:	11-18-93
Laboratory Number:	6522	Date Sampled:	11-17-93
Sample Matrix:	Soil	Date Received:	11-17-93
Preservative:	Cool	Date Extracted:	11-18-93
Condition:	Cool & Intact	Date Analyzed:	11-18-93
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
-----	-----	-----
Benzene	ND	19.9
Toluene	418	49.7
Ethylbenzene	22.0	19.9
p,m-Xylene	414	49.7
o-Xylene	136	49.7

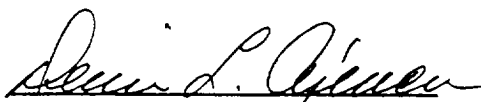
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Trifluorotoluene	102 %
	Bromofluorobenzene	103 %


Method: Method 5030, Purge-and-Trap, Test Methods for  
Evaluating Solid Waste, SW-846, USEPA, July 1992

Method 8020, Aromatic Volatile Organics, Test Methods  
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: San Juan 29-6 #79 Separator Pit PA093

  
Analyst

  
Review

San Juan Puerto Rico Form 578-81