

District I

P.O. Box 1980, Hobbs, NM

District

P.O. Drawer DD, Artesia, NM 88211

District DEPUTY OIL & GAS INSPECTOR

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
SANTA FE OFFICE

JUN 16 1997

PIT REMEDIATION AND CLOSURE REPORT

Operator: Phillips Petroleum Company Telephone: 505-599-3400
Address: 5525 Hwy. 64, NBU 3004, Farmington, NM 87401
Facility Or: San Juan 29-5 Unit #70
Well Name
Location: Unit or Qtr/Qtr Sec H SENE Sec 28 T 29N R 5W County Rio Arriba
Pit Type: Separator X Dehydrator Other
Land Type: BLM State Fee X Other

Pit Location: Pit dimensions: Length 25' width 20' depth 2.5'
(Attach diagram) Reference: wellhead X other
Footage from reference: 40'
Direction from reference: Degrees X East North
West South X

Depth to Ground Water: 60' Less than 50 feet (20 points)
(vertical distance from X 50 ft to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 points) 10
highwater elevation of
ground water)

Wellhead Protection Area: RECEIVED
(less than 200 feet from a private MAR 20 1997
domestic water source, or: less than X Yes (20 points)
1000 feet from all other water sources) No (0 points) 0

Distance to Surface Water: OIL CON. DIV.
(Horizontal distance to perennial DIST. 3
lakes, ponds, rivers, streams, creeks, X Less than 200 feet (20 points)
irrigation canals and ditches.) 200 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 0

P:\pits\PTCFRM.WK3

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: N/A Dated Completed: _____

Excavation _____ Approx. cubic yards _____

Landfarmed _____ Insitu Bioremediation _____

Other _____

Remediation Method: Onsite _____ Offsite _____
(Check all appropriate sections)

General Description of Remedial Action: N/A

Initial assessment showed soils to be clean 3.5' below pit bottom.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Deepest part of pit

Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample depth 3.5' below pit bottom

Sample date 8/30/94 Sample time _____

Sample Results

Benzene (ppm) .052

Total BTEX (PPM) .161

Field Headspace (ppm) 147

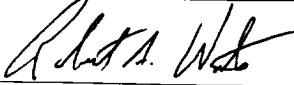
TPH 20

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 3-13-97

PRINTED NAME Bob Wirtanen

SIGNATURE 

and TITLE Sr. Safety & Environmental Specialist

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615

PIT NO: PA238

C.O.C. NO: 3898

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: 8/30/94
DATE FINISHED: 8/30/94
ENVIRO. SPCLT: REO
OPERATOR: CIMARRON
ASSISTANT: K.O.

LOCATION: LEASE: Cowen Fee WELL: San Juan 29-5QD: Unit # 70
SEC: 28 TWP: 29N RNG: 5W PM: NM CNTY: R.A. ST: NM PIT: SEP

LAND USE: Range

SURFACE CONDITIONS: _____

PIT CENTER IS LOCATED APPROXIMATELY 40 FEET SE OF WELLHEAD.

CLOSURE STD: <1000 TPH 60' to GW

RANKING SCORE: 10 *

0'-3' Clay, sand, blk, oily, odor, moist, soft
3' Clay, tan, sticky, moist, soft, slight odor

Calc 67=10x2=20ppm
20x20x1=40ppm
10

TEST HOLE LOGS

SAMPLE INVENTORY		
SMPL ID:	SMPL TYPE:	LABORATORY ANALYSIS:
T1@6'	Soil	TPH(418.1)
T1@6'	Soil	BTEX

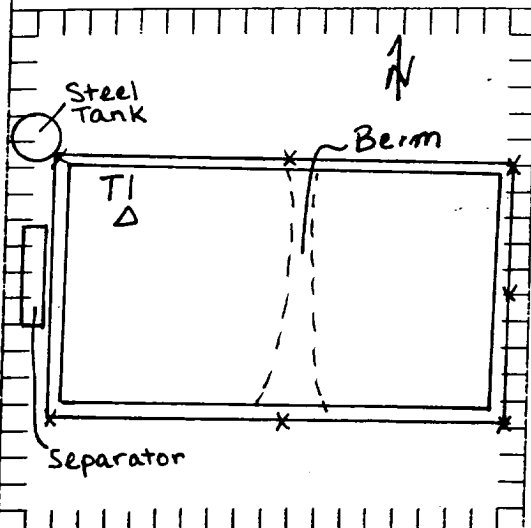
GAC
688

SCALE



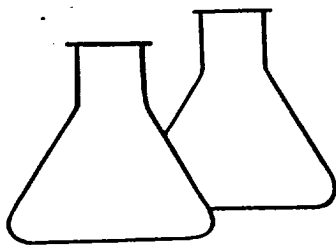
0 20 FEET

SITE DIAGRAM



TH#: 1			TH#:			TH#:			TH#:		
SOIL TYPE:	SMPL TYPE:	OVM/TPH	SOIL TYPE:	SMPL TYPE:	OVM/TPH	SOIL TYPE:	SMPL TYPE:	OVM/TPH	SOIL TYPE:	SMPL TYPE:	OVM/TPH
GD											
1											
2											
3	BTM										
4											
5											
6	ClayGRB	147/40									
7											
8											
9											
10											
11											
12											
13											
14											

SOIL TYPE: C - Clay, M - Sil, S - Sand, G - Gravel Plasticity: L - None, H - Plastic Grading: P - Poorly, W - Well



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	Project #:	93163
Sample ID:	T-1 @ 6.0'	Date Analyzed:	8-30-94
Project Location:	San Juan 29-5 #70	Date Reported:	9-23-94
Laboratory Number:	GAC0686	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	40	10

ND = Not Detectable at stated detection limits.

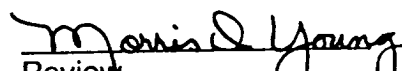
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	2	2	0

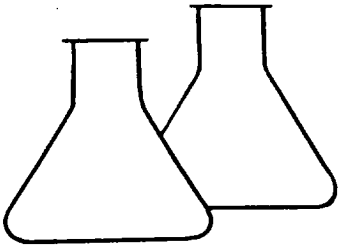
*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit PA238


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
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EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Phillips	Project #:	93163
Sample ID:	TI@6'	Date Reported:	09-06-94
Laboratory Number:	7859	Date Sampled:	08-30-94
Sample Matrix:	Soil	Date Received:	08-30-94
Preservative:	Cool	Date Extracted:	09-01-94
Condition:	Cool & Intact	Date Analyzed:	09-02-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	52	19.9
Toluene	31	19.9
Ethylbenzene	ND	13.3
p,m-Xylene	ND	19.9
o-Xylene	78	19.9

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	112 %
	Bromofluorobenzene	111 %

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 29-5 #70

Rex L. Hoffman
Analyst

Marnie D. Young
Review

