District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, 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 SANTA FE OFFICE

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 32-7 Unit #63 DK
Well Name

Location: Unit or Qtr/Qtr Sec SWNE Sec 28 T 32N R 7W County San Juan

Pit Type: Separator X Dehydrator ____ Other ____

Land Type: BLM X, State ____, Fee ____, Other ____

Pit Location: (Attach diagram)
Pit dimensions: Length 15', width 15', depth 2'

Reference: wellhead X, other ____

Footage from reference: 50

Direction from reference: 90 Degrees ____ East North X of X West South ____

Depth to Ground Water: (vertical distance from contaminants to seasonal highwater elevation of ground water) 150	___	Less than 50 feet	(20 points)
	___	50 ft to 99 feet	(10 points)
	X	Greater than 100 feet	(0 points) 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)
	X	No	(0 points) 0
Distance to Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.)	___	Less than 200 feet	(20 points)
	___	200 feet to 1000 feet	(10 points)
	X	Greater than 1000 feet	(0 points) 0

RANKING SCORE (TOTAL POINTS): 0

PITCFRM.WK4

Denny L. Foust
DEPUTY OIL & GAS INSPECTOR

MAR 27 1996

Approved

Date Remediation Started: 7/6/94 Dated Completed: 5/12/95

Excavation X Approx. cubic yards 23

Landfarmed X Insitu Bioremediation

Other

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

General Description of Remedial Action: Based on the initial assessment, soils were excavated to bedrock (approx. 2 ft below pit bottom). The soils were landfarmed on location and tested clean on 5/12/95. The landfarmed soils will be used to fill the excavation.

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 Individual samples were collected from each wall and the bottom of the excavation.

Sample depth 4.5 ft from surface (rock bottom)

Sample date 8/5/94 Sample time

Sample Results

Benzene (ppm) ND

Total BTEX (PPM) 0.324

Field Headspace (ppm) 101

TPH 16,800 -- See attached Risk Assessment

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 7-27-95 PRINTED NAME Ed Hasely

SIGNATURE E Hasely and TITLE Environmental Engineer

Risk Assessment
32-7 #63 DK

Depth to Groundwater:	150'
Distance to Water Source:	> 1000'
Distance to Surface Water:	> 1000'
TPH Limit (ppm):	5000

The initial assessment (6/23/94) of the separator pit at the subject location showed contamination (TPH > 11,000 ppm) at solid rock two feet below the pit bottom. A test hole dug to rock outside the pit boundary in the direction of surface drainage showed acceptable contaminant levels.

The contaminated soil was removed from the pit down to the rock bottom. The soil was landfarmed on location. The excavation was assessed by Envirotech on 8/5/94. All four walls had acceptable OVM readings, but the rock bottom tested 16,800 ppm TPH. On 5/12/95, the landfarm was sampled and found to be acceptable (TPH = 1160 ppm).

Upon filling in the excavation with the remediated landfarm soil, this pit should be considered to have reached "final closure". Phillips has removed and remediated all soils to the extent practical. By filling in the excavation, the driving force created by additional fluids will be eliminated. The rock has a high TPH, but groundwater is at a depth over 100 feet. There is little to no risk to human health or the environment.

The excavation was inspected by Bill Liess on June 22, 1995.

PHILLIPS PETROLEUM SURFACE IMPOUNDMENT LANDFARM RESULTS

1995

--ENVIROTECH, INC.--

REVISED DATE: MAY 17, 1995 (CJC)

PIT NO.	WELL NAME	DEPTH TO WATER (ft)	NMOCD SCORE	TPH STD (ppm)	SAMPLE DATE	SAMPLE LOCATION	OVM PPM	TPH (ppm)	EPA METHOD 8020 (PPB)		STATUS CLOSE REMEDIATE	
									Benzene	TOT. BTEX		
PA237	SAN JUAN 29-5, #75	55	10	1,000	05-09-95	C1	115.0	2,200			REMEDIATE	***
PA255	SAN JUAN 29-5, #94	250	0	5,000	05-09-95	C1	115.0	8,900			REMEDIATE	***
PA240	SAN JUAN 29-5, #104PC	70	10	5,000	05-09-95	C1	53.0	53,200			REMEDIATE	***
PA005	SAN JUAN 29-6, #48-35	45	20	100	05-11-95	C1	1100.0	160			REMEDIATE	***
PA005	SAN JUAN 29-6, #48-35	45	20	100	05-11-95	C2	20.0	57			CLOSE	
PA005	SAN JUAN 29-6, #48-35	45	20	100	05-11-95	C3	1663.0	2,100			REMEDIATE	***
PA112	SAN JUAN 29-6, #89	45	20	100	05-11-95	C1	4.0	600			REMEDIATE	***
PA079	SAN JUAN 29-6, #100DK	45	20	100	05-11-95	C1	1.0	160			REMEDIATE	***
PA099	SAN JUAN 29-6, #103	80	10	1,000	05-11-95	C1	18.6	1,900			REMEDIATE	***
PA114	SAN JUAN 29-6, #111PC	120	0	5,000	05-10-95	C1	87.0	148			CLOSE	
PA212	SAN JUAN 32-7, #6	45	20	100	05-12-95	C1	4.0	140			REMEDIATE	***
PA222	SAN JUAN 32-7, #53	380	0	5,000	05-12-95	C1	1.0	120			CLOSE	
PA208	SAN JUAN 32-7, #57DK	165	0	5,000	05-12-95	C1	14.0	1,400			CLOSE	
PA204	SAN JUAN 32-7, #63DK	150	0	5,000	05-12-95	C1	7.0	1,160			CLOSE	
PA223	SAN JUAN 32-7, #80PC	235	0	5,000	05-12-95	C1	23.0	8,800			REMEDIATE	***
PA252	BLANCO #7	60	10	1,000	05-12-95	C1	0.5	120			CLOSE	
PA253	STEWART A COM B #3	90	10	1,000	05-16-95	C1	7.0	ND			CLOSE	

ENVIROTECH Inc.

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

PIT No: PA204
C.O.C #: 4158

FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION

JOB No: 93163
PAGE No: 1 of 1

FACILITY LOCATION: San Juan 32-7 #163 DK
SOURCE LOCATION:
SOURCE LOCATION:
SOURCE LOCATION:
FACILITY CLASSIFICATION: Landfarm PIT TYPE: Sep.

DATE STARTED: 5-12-95
DATE FINISHED:

ENVIRONMENTAL SPECIALIST: CJC

SOIL REMEDIATION: QUANTITY: 11 # OF COMP. SAMPLES: 1
DIMENSIONS: 24x24x.5
VISIBLE OBSERVATIONS:
SAMPLING PLAN:

FIELD NOTES & REMARKS: FACILITY CENTER LOCATED APPROX 21 YARDS W FROM WELLHEAD.

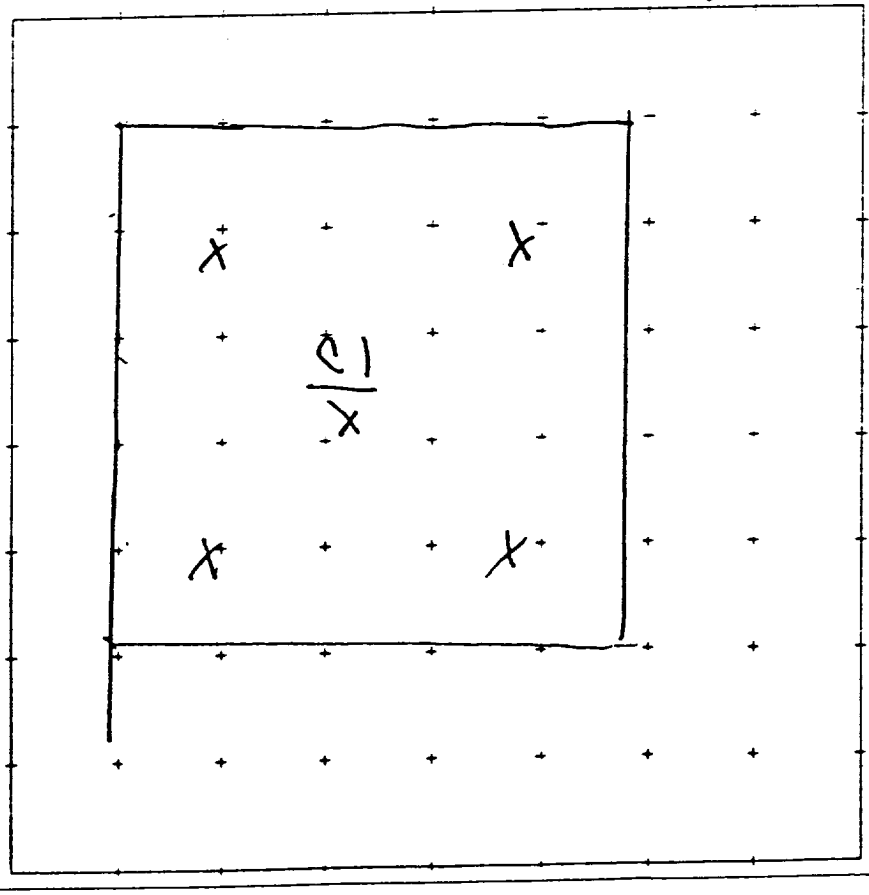
DEPTH TO GROUNDWATER: >100'
NEAREST WATER SOURCE/TYPE:
NEAREST SURFACE WATER:
MAX TPH PER NMOCD: 5000

No. OF 5-POINT COMPOSITE SAMPLES: YARDAGE--#
0-200=1
201-400=2
401-1000=3
>1000=5

OK TO CLOSE

FACILITY DIAGRAM

GRID SCALE: 5'



OVM RESULTS

SAMPLE ID:	FIELD HEADSPACE PID (ppm)
C1	6.7

LAB RESULTS

SAMPLE ID:	ANALYSIS REQUESTED	RESULTS PPM:
C1	TPH 418.1	1160

NORTH

WELLHEAD

SURFACE FLOW DIR.

ESTIMATED GROUNDWATER FLOW DIR.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Phillips	Project #:	93163
Sample ID:	S.J. 32-7 #63 DK	Date Reported:	05-16-95
Laboratory Number:	8495	Date Sampled:	05-12-95
Chain of Custody No:	4198	Date Received:	05-12-95
Sample Matrix:	Soil	Date Extracted:	05-15-95
Preservative:	Cool	Date Analyzed:	05-15-95
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	1160	10.0

ND = Parameter not detected at the stated detection limit.

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

Comments: Cl - L.F.

Analyst

Review

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PHILLIPS PETROLEUM SURFACE IMPOUNDMENT CLOSURE RESULTS

1994

--ENVIROTECH, INC.--

REVISED DATE: SEPTEMBER 29, 1994 (CJC)

PIT NO.	WELL NAME	DEPTH TO WATER (ft)	NMOCD SCORE	TPH STD (ppm)	PIT CTR. FROM WELLHEAD	SAMPLE DATE	SAMPLE LOCATION	OVM PPM	TPH (ppm)	EPA METHOD 8020 (PPB) Benzene	EPA METHOD 8020 (PPB) TOT. BTEX	STATUS PERMANENT CONDITIONAL BEDROCK
PA176	SAN JUAN 32-8, #49 MV	350	0	5000	75' @ N76E	8-8-94	N SIDE @ 4'	2				PERMANENT
							E SIDE @ 4'	3				
							S SIDE @ 4'	1				
							W SIDE @ 4'	1				
							C BOTTOM @ 5'	3	8			
PA177	SAN JUAN 32-8, #49 PC	350	0	5000	65' @ N15E	8-8-94	N SIDE @ 7'	603				CONDITIONAL
							E SIDE @ 7'	598				
							S SIDE @ 7'	476				
							W SIDE @ 7'	470				
							C BOTTOM @ 8'	510				
						9-21-94	N @ 9'	380	152			PERMANENT
							E @ 8'	301	362			
							S @ 8'	421	2080			
							W @ 9'	777	160	ND	488	
							BOTTOM @ 9'	704	618			
PA194	SAN JUAN 29-5 #93	160	0	5000	160' SOUTH	8-15-94	N @ 12'	46				PERMANENT
							E @ 12'	445				
							S @ 12'	437				
							W @ 12'	513	1280	51	17325	
							BOTTOM @ 13'	397				
PA198	SAN JUAN 32-7, #56 DK	160	0	5000	45' @ S70E	8-8-94	N SIDE @ 6'	11				PERMANENT
							E SIDE @ 6'	60				
							S SIDE @ 6'	58				
							W SIDE @ 6'	10				
							C BOTTOM @ 7'	127				
							C BOTTOM @ 12'	68	4			
A203	SAN JUAN 32-7, #62 DK	100	10	1000	50' NORTH	8-5-94	N SIDE @ 6'	5				PERMANENT
							E SIDE @ 6'	4				
							S SIDE @ 6'	*108	3320			
							W SIDE @ 6'	2				
							C BOTTOM @ 7'	5				
							S SIDE @ 6'	1	116			
PA204	SAN JUAN 32-7, #63 DK	150	0	5000	50' WEST	8-5-94	N SIDE @ 3'	*13.5				BEDROCK
							E SIDE @ 3'	ND				
							S SIDE @ 3'	ND				
							W SIDE @ 3'	8				
							C BOTTOM @ 4'	*126				
							C BOTTOM @ 4.5'	101	16800	ND	324	
							N SIDE @ 3.5'	33	590			

CLIENT: PHILLIPS PETROLEUM

ENVIROTECH Inc.

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

PIT NO: PA204
C.O.C. NO: 3835

1795' FNL & 1575' FEL

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 93163
PAGE No: 1 of 1

LOCATION: LEASE: SAN JUAN 32-7 WELL #: 63 DK PIT:
UNIT: C SEC: 28 TWP: 32N RNG: 7W BM: NM CNTY: SJ ST: NM
CONTRACTOR: DIMARZO

DATE STARTED: 8/5/94
DATE FINISHED: 8/5/94
ENVIRONMENTAL SPECIALIST: FM

SOIL REMEDIATION: EXCAVATION APPROX. 15 FT. x 15 FT. x 4½ FT. DEEP.
DISPOSAL FACILITY: LANDFARM - ON SITE
LAND USE: RANGE LEASE # SF-078472 ELEV. 6650'

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 50' FEET W FROM WELLHEAD.
DEPTH TO GROUNDWATER: 150 NEAREST SURFACE WATER: >1000' NEAREST WATER SOURCE: >1000'
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

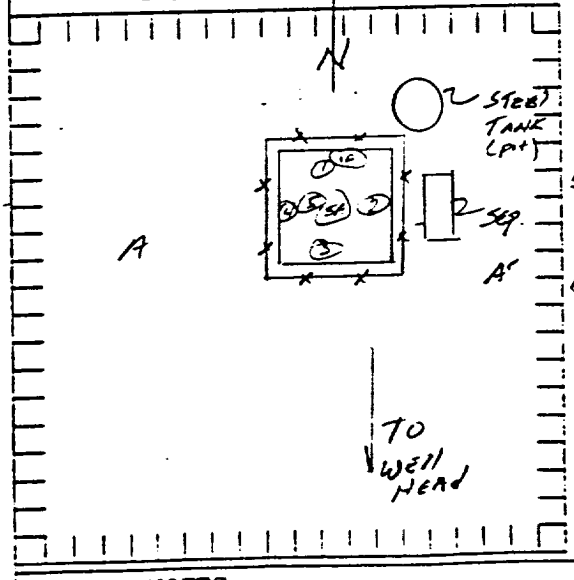
SOIL AND EXCAVATION DESCRIPTION: Soil is yellow-Brown, Slightly moist, Silty Sand to poorly graded Sand. TD @ 4½' - Bedrock

FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
SA @ 4½'	5AC639	10	20	100	84	16800
LA @ 3½'	5AC640	10	20	1	295	590

SCALE
0 FEET

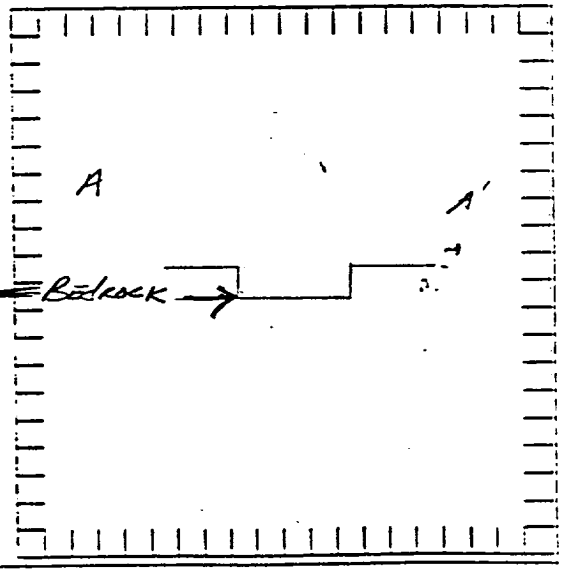
PIT PERIMETER



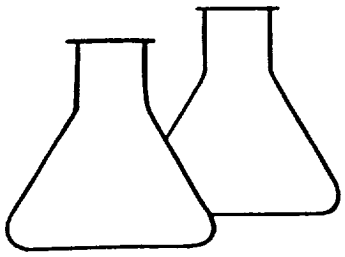
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
N 1@3'	13.5
E 2@3'	ND
S 3@3'	ND
W 4@3'	8.4
BTM 5@4'	126
BTM SA@4½'	101
N LA@3½'	33
SA@4½' BTEX (8020)	

PIT PROFILE



TRAVEL NOTES: CALLOUT: ONSITE:



ENVIROTECH LABS

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FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Phillips Petroleum	Project #:	93163
Sample ID:	5A @ 4.5'	Date Analyzed:	8-5-94
Project Location:	San Juan 32-7 #63 DK	Date Reported:	8-5-94
Laboratory Number:	GAC0639	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	**16,800**	**1,000**

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
11,000	12,600	14

*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 PA204

Analyst

Review

ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Phillips Petroleum	Project #:	93163
Sample ID:	1A @ 3.5'	Date Analyzed:	8-5-94
Project Location:	San Juan 32-7 #63 DK	Date Reported:	8-5-94
Laboratory Number:	GAC0640	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	**590**	**10**

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
11,000	12,600	14

*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 PA204

Analyst

Review

Dot # PA 204

5835

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSIS/PARAMETERS
Phillips 93163	San Juan 32-7 #63 DK	
Sampler: (Signature)	Chain of Custody Tape No.	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX (8020)						Remarks
SA @ 4½'	8/5/94	14:40	7766	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/5/94	16:44	Roy Huffman	8/5/94	8[illegible]
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

san juan repro Form 878-81

ENVIROTECH LABS
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EPA METHOD 8020
AROMATIC VOLATILE ORGANICS

Client:	PHILLIPS	Project #:	93163
Sample ID:	5A@4.5'	Date Reported:	08-15-94
Laboratory Number:	7766	Date Sampled:	08-05-94
Sample Matrix:	Soil	Date Received:	08-05-94
Preservative:	Cool	Date Extracted:	08-08-94
Condition:	Cool & Intact	Date Analyzed:	08-11-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	19.9
Toluene	63	19.9
Ethylbenzene	ND	13.3
p,m-Xylene	158	19.9
o-Xylene	103	19.9

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Trifluorotoluene	90 %
Bromofluorobenzene	92 %

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 32-7 # 63 DK PA204

Analyst

Review

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020
AROMATIC VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	08-15-94
Laboratory Number:	0811BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	08-11-94
Condition:	NA	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.3
Toluene	ND	0.4
Ethylbenzene	ND	0.3
p,m-Xylene	ND	0.3
o-Xylene	ND	0.3

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Trifluorotoluene	102 %
Bromofluorobenzene	128 %

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:

Analyst

Review

ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

** QUALITY ASSURANCE REPORT
METHOD 8020 BTEX

MATRIX DUPLICATE
AROMATIC VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	NA	Date Reported:	08-15-94
Laboratory Number:	7765 DUPLICATE	Date Sampled:	08-02-94
Sample Matrix:	Water	Date Received:	08-02-94
Preservative:	HgCl and Cool	Date Analyzed:	08-11-94
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
Benzene	0	0	0.9
Toluene	15.2	16.0	5.4
Ethylbenzene	3.0	3.7	18.7
p,m-Xylene	ND	ND	0.0
o-Xylene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set at maximum of 30% difference.

Method: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

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:

Rex L Hoffin
Analyst

Review

PHILLIPS PETROLEUM PIT ASSESSMENT/RE-ASSESSMENT SUMMARY 1994 ENVIROTECH, INC.

REVISED DATE: JULY 14, 1994 CLG

PIT NO.	WELL NAME	U-S-T-R	PIT TYPE	RANK SCORE	CLOSURE STANDARD TPH (PPM)	DATE	GROUNDWATER ENCOUNTERED Sub-Surf. Depth	SOIL TYPE	SAMPLE NO.	Organic Vapor Meter (PPM)	Total Recoverable Petr. Hydro. (PPM)	EPA METHOD 8020 (PPB) METHOD 5030 PURGE-AND-TRAP Benzene	Toluene	Ethyl Benzene	Xylene	TOTAL BTEX	STATUS
PA203	SAN JUAN 32-7, #62 DK	M273207	SEP	10	1000	6-23-94	NO	MC	T1-5	451							
									T1-8	191	534	0	119	860	7810	8789	CLOSE
									T1-9	32							
									T2-8	0							
PA204	SAN JUAN 32-7, #63 DK	G283207	SEP	0	5000	6-23-94	NO	CM	T1-4	280	>11000						REM~4'
									T2-2.5	8	66						
PA205	SAN JUAN 32-7, #55	K073207	SEP	0	5000	7-6-94	NO	SC	T1-3	3							CLOSE
									T1-8	2	24						
PA206	SAN JUAN 32-7, #3	A183207	PROD	0	5000	7-6-94	NO	CP	T1-3	1							CLOSE
								SG	T1-8	1	10						
07	SAN JUAN 32-7, #11	H203207	SEP	10	1000	7-6-94	NO	SP	T1-4	0							CLOSE
									T1-7	1	12						
PA208	SAN JUAN 32-7, #157 DK	I173207	SEP	0	5000	7-6-94	NO	SP	T1-5	80	5440						REM~5'
									T2-3	09	002						
PA209	SAN JUAN 32-7, #60 DK	A203207	SEP	0	5000	7-6-94	NO	SP	T1-5	139	33000						REM~5'

204

ENVIROTECH Inc

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

PIT NO: PA879
LOC NO: ____

FIELD REPORT: SITE ASSESSMENT

JOB NO: 9214.2
PAGE NO: 1 of 1

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

DATE STARTED: 6/23/94
DATE FINISHED: 6/23/94
ENVIRO. SPCLT: ECT TH
OPERATOR: CIMARRON
ASSISTANT: K.C.

LOCATION: LEASE: San Juan 32-7 WELL: 63 DK QD: 1795' FNL 1575' FEL (G)
SEC: 25 TWP: 32 N RNG: 7 W PM: NM CNTY: SJ ST: NM PIT: SEP
LAND USE: Range Lease # SF-078472 Elev 6650'
SURFACE CONDITIONS: earthen pit - some water

FIELD NOTES & REMARKS: PIT IS LOCATED APPROXIMATELY 50' FEET west OF WELLHEAD
150' to pit

CLOSURE STD: 5000'

RANKING SCORE: 0

A = black (stained) silty clay

B = white/grey sandstone - saturated

SAMPLE INVENTORY		
SMPL ID:	SMPL TYPE	LABORATORY ANALYSIS:
1@4'	Sandstone	GAC # 579 TPH = > 11,000 ppm (over range
T2@2½'	Sandstone	GAC # 580 TPH = 66

- Pit appears to have been ripped into bedrock

TEST HOLE LOGS:

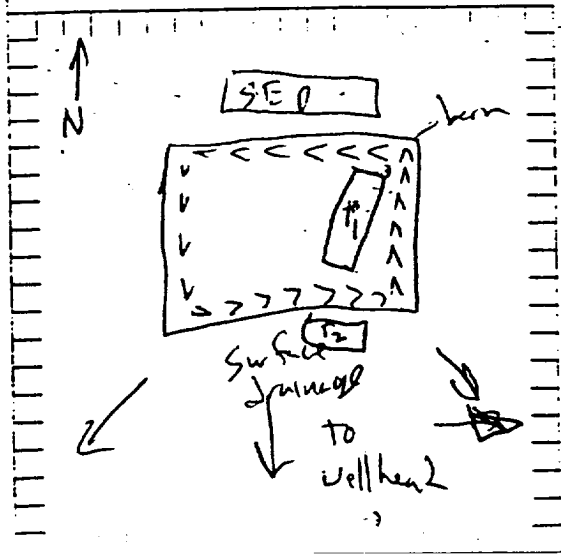
TH#: 1 TH#: 2 TH#: ____ TH#: ____

	TH#1 SOIL TYPE	TH#1 SMPL TYPE	TH#1 OVM/TPH	TH#2 SOIL TYPE	TH#2 SMPL TYPE	TH#2 OVM/TPH	TH# ____	TH# ____
0								
1								
2		Pit Bottom			Grab @			
3	A				Sandstone			
4		CM Grab 580						
5	B							
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

SOIL TYPE: ... SMPL TYPE: ... OVM/TPH: ...

SCALE
0 FEET

SITE DIAGRAM



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:	T1 @ 4'	Date Analyzed:	6-23-94
Project Location:	San Juan 32-7 #63 DK	Date Reported:	6-28-94
Laboratory Number:	GAC0579	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	>11000	10

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	11,000	12,600	14

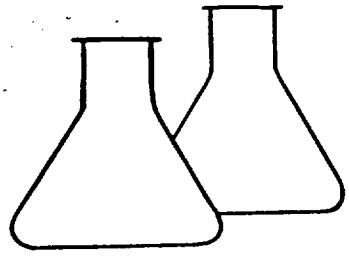
*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit PA204

Analyst

Review



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:	T2 @ 2.5'	Date Analyzed:	6-23-94
Project Location:	San Juan 32-7 #63 DK	Date Reported:	6-28-94
Laboratory Number:	GAC0580	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	66	10

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
11,000	12,600	14

*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 PA204

C L Gunther
Analyst

Review