

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR
STATES
DEPARTMENT OF THE INTERIOR
JUL 6 1997 BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

Approved **SUBMIT IN TRIPPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Highway 64, NBU 3004, Farmington, NM 87401

505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FSL & 990' FWL
Section 7, T-29-N, R-5-W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

SF-078277

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-5 Unit

8. Well Name and No.

SJ 29-5 Unit #20

9. API Well No.

30-039-07645

10. Field and Pool, or exploratory Area

Blanco Mesa Verde

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Pit Closure
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The pit associated with the subject well's separator and condensate tank has been closed and replaced with a double bottom steel tank. Details of the closure are attached.

RECEIVED
MAR 20 1997

OIL CON. DIV.
DIST. 3

RECEIVED
FEB 19 1997

OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed

Robert D. Winters

Title Sr. Safety & Environ. Spclst.

Date 2-14-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

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

COPY

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 #20
Well Name _____
Location: Unit or Qtr/Qtr Sec M SWSW Sec 7 T 29N R 5W County Rio Arriba
Pit Type: Separator X Dehydrator _____ Other _____
Land Type: BLM X State _____ Fee _____ Other _____

Pit Location: Pit dimensions: Length 22', width 22', depth 16'
(Attach diagram) Reference: wellhead X, other _____
Footage from reference: 40'
Direction from reference: 0 Degrees X East North _____
of _____ West South X

Depth to Ground Water: 40' X Less than 50 feet (20 points)
(vertical distance from _____ 50 ft to 99 feet (10 points)
contaminants to seasonal _____ Greater than 100 feet (0 points) 20
highwater elevation of
ground water)

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

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

RANKING SCORE (TOTAL POINTS): 20

Date Remediation Started: 7/2/93 Dated Completed: 8/8/94

Excavation ☒ Approx. cubic yards _____

Landfarmed ☒ Insitu Bioremediation _____

Other _____

Remediation Method:
(Check all appropriate
sections)

Onsite ☒ Offsite _____

General Description of Remedial Action: Based on the initial assessment, soils were
excavated to a depth of 13.5 feet below the original bottom. The soils were
landfarmed on location. The excavation tested clean on 6/15/94.* The landfarm
tested clean on 8/8/94. The landfarmed soils were then used to fill the
excavation.

Ground Water Encountered: No ☒ 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 17 feet from surface

Sample date 6/15/94 Sample time _____

Sample Results

Benzene (ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 44

TPH 64

Ground Water Sample: Yes _____ No ☒ (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 Robert A. Wirtanen

and TITLE Sr. Safety & Environmental Specialist

COPY

ENVIROTECH Inc.

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

PIT NO: PA016

C.O.C. NO: 2769

FIELD REPORT: SITE ASSESSMENT

JOB No: 93163

PAGE No: 1 of 1

PROJECT: PIT ASSESSMENT
CLIENT: PHILLIPS PETROLEUM
CONTRACTOR: ENVIROTECH, INC.
EQUIPMENT USED: JOB EXTENDAHOE

DATE STARTED: 7-2-93
DATE FINISHED: 5-16-94
ENVIRO. SPCLT: REO/T.H.
OPERATOR: CIMARRON
ASSISTANT: _____

LOCATION: LEASE: San Juan 29-5 WELL: #20 MV QD: 990' FSL 990' FWL (M)
SEC: 7 TWP: 29N RNG: 5W PM: NM CNTY: R.A. ST: NM PIT: Sep.

LAND USE: Range - Lease #SF 078277

SURFACE CONDITIONS: Earthen Pit - Dry - Dead Weeds

PIT CENTER IS LOCATED APPROXIMATELY 40 FEET South OF WELLHEAD.

CLOSURE STD: <100 ppm TPH

Tl: Brown, moist, silty, sandy, clay - some odor.

RANKING SCORE: 20

Field 418.1 (GAC 0092)

FAILED

Field 418.1 (GAC 496) 679x2 (Sampled 5/16)
1358ppm TPH (GAC

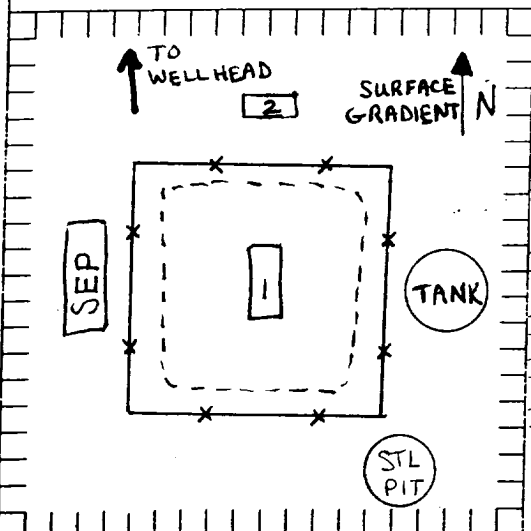
Field 418.1 (GAC 497) 935x2 (Sampled 5/16)
1870 ppm TPH (GAC

TEST HOLE LOGS

SAMPLE INVENTORY		
SMPL ID	SMPL TYPE	LABORATORY ANALYSIS
Tl@17.5	Soil	ND
Tl@6.5	Soil	BTEX, 418.1
Tl@11.5	Soil	1358
Tl@14.5	Soil	1870

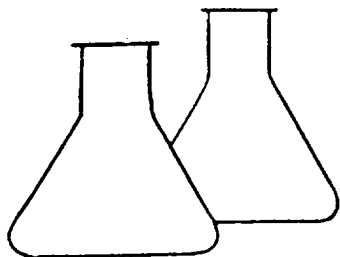
SCALE
0 5 10 FEET
22'x22'

SITE DIAGRAM



TH#	1	2		
SOIL TYPE	SMPL TYPE	OVM/TPH	SOIL TYPE	SMPL TYPE
GD				
1				
2				
3				
4	Pit bottom			
5	SC		SC	GRB 1.3
6				
7	SC	GRB 604		
8				
9				
10			SC	GRB ND
11	SC	GRB 222		
12	SC	GRB 123		
13	Lighter band		SM	GRB 1.3
14	SC	GRB 162	TD = 14'	
15				
16	SM	GRB 233		
17	TD = 17.5'			
18				

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



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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Phillips	Project #:	93163
Sample ID:	T1 @ 6.5'	Date Sampled:	07-02-93
Laboratory Number:	5575	Date Received:	07-02-93
Sample Matrix:	Soil	Date Analyzed:	07-06-93
Preservative:	Cool	Date Reported:	07-06-93
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	1,320	5.0

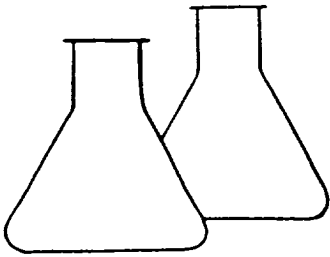
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: San Juan 29-5, #20 NV, PA016.

A. Choharling
Analyst

Maris D. Young
Review



ENVIROTECH LABS

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FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: Phillips Petroleum
Sample ID: T1 @ 11.5'
Project Location: San Juan 29-5 #20 MV
Laboratory Number: GAC0496

Project #: 93163
Date Analyzed: 5-16-94
Date Reported: 5-17-94
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	1400	10

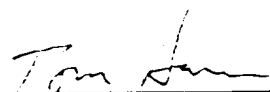
ND = Not Detectable at stated detection limits.

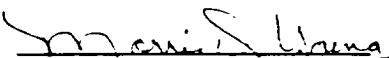
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	11,000	12,600	14

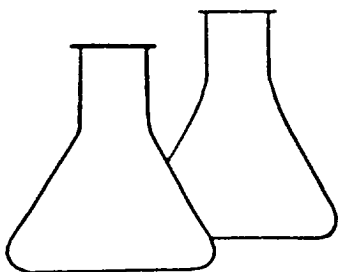
*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit PA016


Analyst


Review



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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:	T1 @ 14.5'	Date Analyzed:	5-16-94
Project Location:	San Juan 29-5 #20 MV	Date Reported:	5-17-94
Laboratory Number:	GAC0497	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	1900	10

ND = Not Detectable at stated detection limits.

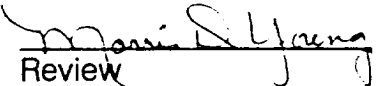
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	11,000	12,600	14

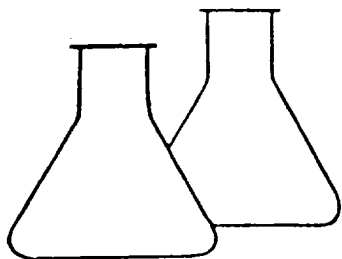
*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit PA016


Analyst


Review



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

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Phillips	Project #:	93163
Sample ID:	T 1 @ 6.5'	Date Reported:	07-06-93
Laboratory Number:	5575	Date Sampled:	07-02-93
Sample Matrix:	Soil	Date Received:	07-02-93
Preservative:	Cool	Date Extracted:	07-06-93
Condition:	Cool & Intact	Date Analyzed:	07-06-93
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
-----	-----	-----
Benzene	940	19.4
Toluene	59,700	48.4
Ethylbenzene	13,600	19.4
p,m-Xylene	66,200	29.1
o-Xylene	36,300	29.1

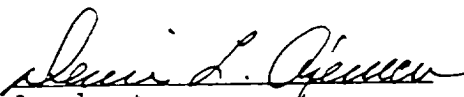
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Trifluorotoluene	111 %
	Bromofluorobenzene	104 %

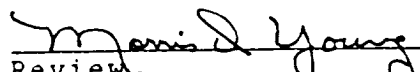
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

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: San Juan 29-5 #20 PA016


Analyst


Review

CLIENT: PHILLIPS PETROLEUM

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615PIT NO: PA016C.C.C. NO:

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 93163PAGE No: 1 of 1LOCATION: LEASE: San Juan 29-5 WELL #: 20 MV PIT: SEPUNIT: M SEC: 7 TWP: 29N RNG: 5W BM: NM CNTY: RA ST: NMCONTRACTOR: CimarronDATE STARTED: 6/15/94DATE FINISHED: 6/15/94ENVIRONMENTAL
SPECIALIST: Tom HansonSOIL REMEDIATION: EXCAVATION APPROX. 22 FT. x 22 FT. x 16 FT. DEEP.DISPOSAL FACILITY: Landfarm on siteLAND USE: Rangeland Lease # SF-078277FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 40 FEET South FROM WELLHEAD.DEPTH TO GROUNDWATER: 40' NEAREST SURFACE WATER: 71000 NEAREST WATER SOURCE 71000NMDCD RANKING SCORE: 20 NMDCD TPH CLOSURE STD: 100 PPMSOIL AND EXCAVATION DESCRIPTION: — brown silty sand to sandy silt — slightly moist
— Can't excavate any further east, south, or west
due to lines & equipment

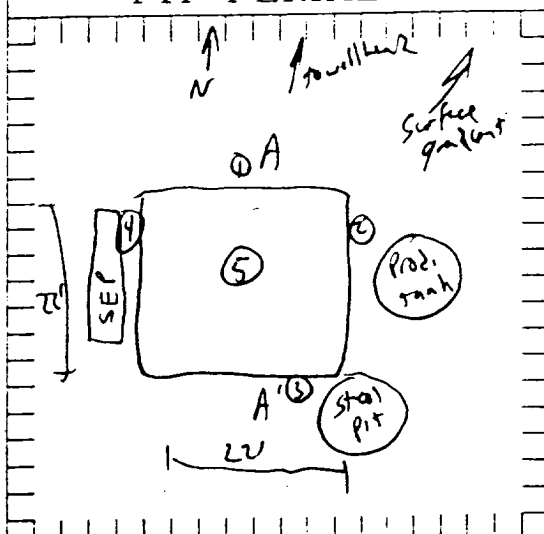
FIELD 418: CALCULATIONS

SAMPLE ID	LAB No.	WEIGHT (g)	ML. FRECN	DILUTION	READING	CALC. ppm
⑤ @ 17'	554	10	20	—	32	64

SCALE

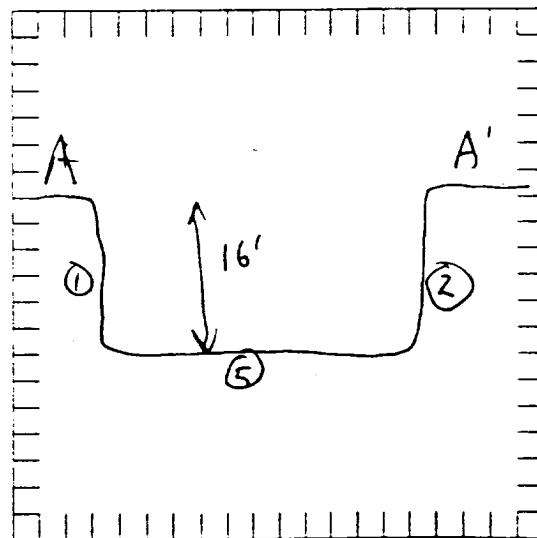


0

FEET
PIT PERIMETEROVM
RESULTS

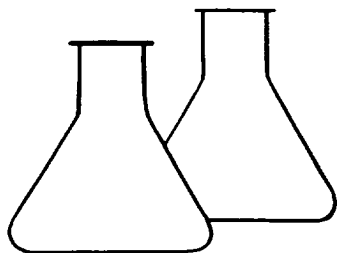
SAMPLE ID	FIELD HEADSPACE > 20 (ppm)
① 28'	11
② 29'	14
③ 28'	4
④ 28'	34
⑤ 17'	44

PIT PROFILE



TRAVEL NOTES:

CALLOUT: 6/15/94ONSITE: 6/15/94



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Field TPH—Worksheet

Max Characters:

Client:

Sample ID:

Project Location:

Laboratory Number:

Phillips Petroleum

5 @ 17'

San Juan 29-5 #20 MV

GAC0554

Project #:

Date Analyzed:

Date Reported:

Sample Matrix:

93163

6-15-94

6-20-94

Soil

Sample Weight: 10.00 grams
Volume Freon: 20.00 mL
Dilution Factor: 1 (unitless)
TPH Reading: 32 mg/kg

TPH Result: 64.0 mg/kg
Reported TPH Result: 64 mg/kg
Actual Detection Limit: 10.0 mg/kg
Reported Detection Limit: 10 mg/kg

QA/QC:

Original
TPH mg/kg

Duplicate
TPH mg/kg

%
Diff.

11000

12600

14

Comments:

*****Max Characters*****

Comments:

Separator Pit PA016

COPY

*Attachment by MDR 3-13-97

ENVIROTECH Inc.

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

PIT No: PA016 *
C.O.C #: 3862 *

Sample #3

FIELD REPORT: REMEDIATION FACILITY PHILLIPS PETROLEUM CO. CLOSURE VERIFICATION		JOB No: 93163 PAGE No: 1 of 1
FACILITY LOCATION: San Juan 29-5 #20 MV SF078277 990FSL 990FWL Sec 7		DATE STARTED: 8/8/94
SOURCE LOCATION: T 29N, NR 5W, N.M. P.M. Rio Arriba County N.M.		DATE FINISHED: 8/8/94
SOURCE LOCATION:		ENVIRONMENTAL SPECIALIST: PV
SOURCE LOCATION:		
FACILITY CLASSIFICATION:		PIT TYPE: Sep

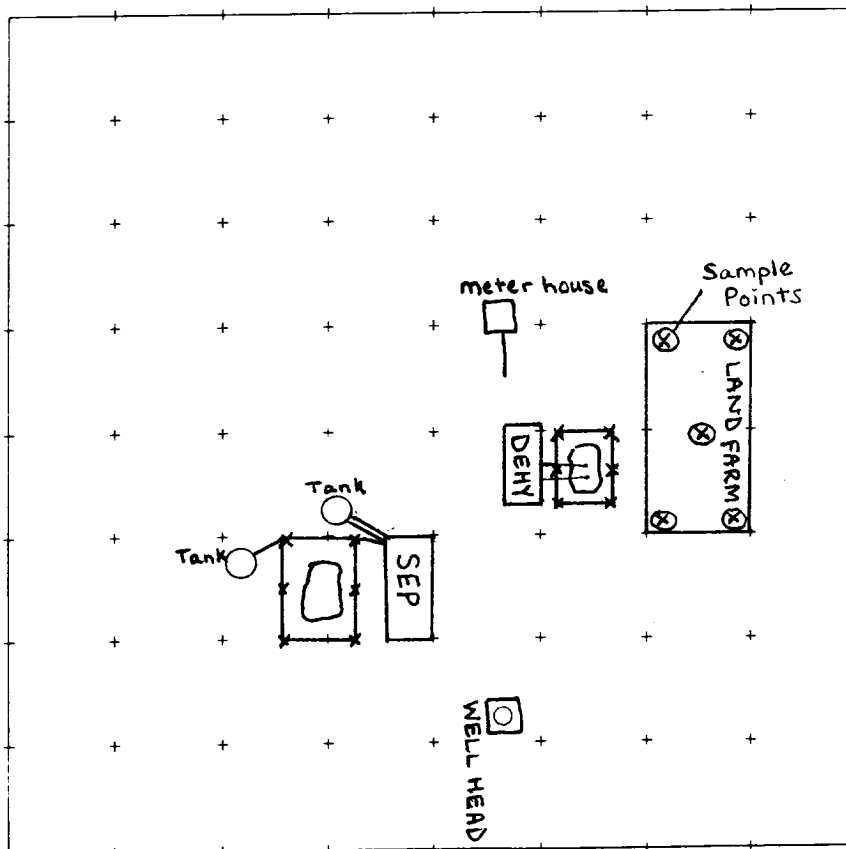
SOIL REMEDIATION: QUANTITY: _____ # OF COMP. SAMPLES: 1
DIMENSIONS: 91'L x 62W x 12"
VISIBLE OBSERVATIONS: Land farm dry on top, and moist half way down. Lt brown
SAMPLING PLAN: Sample from (5) points and mixed soils to brown soil.

FIELD NOTES & REMARKS: FACILITY CENTER LOCATED APPROX _____ YARDS FROM WELLHEAD.
Well head 75' N.E. from the N.E. corner of land farm
DEPTH TO GROUNDWATER:
NEAREST WATER SOURCE/TYPE:
NEAREST SURFACE WATER:
MAX TPH PER NMDCD:

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

FACILITY DIAGRAM

GRID SCALE:



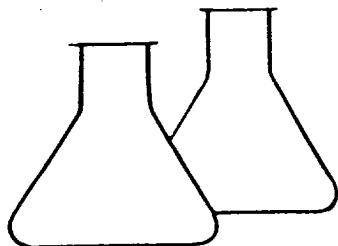
OVM RESULTS

SAMPLE ID:	FIELD HEADSPACE PID (ppm)
T-3	15.6
TPH	418.1 (1)

LAB RESULTS

SAMPLE ID:	ANALYSIS REQUESTED:	RESULTS PPM:

 NORTH
WELLHEAD
SURFACE FLOW DIR.
ESTIMATED GROUNDWATER FLOW DIR.



ENVIROTECH LABS

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

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	PHILLIPS PETRO	Project #:	
Sample ID:	SJ 29-5 #20 MV	Date Sampled:	08-08-94
Laboratory Number:	7789	Date Received:	08-09-94
Sample Matrix:	Soil	Date Analyzed:	08-12-94
Preservative:	Cool	Date Reported:	08-12-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	ND	30.0

ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: SAN JUAN

Ray L. Gaffin
Analyst

Morris D. Young
Review

CHAIN OF CUSTODY RECORD

[illegible]**ENVIROTECH INC.**

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615