Denny G. Foust
DEPUTY OIL & GAS INSPECTOR
JAN 16 1998

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

Approved

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 32 - 7 Unit # 53
Well Name

Location: Unit or Qtr/Qtr Sec P SESE Sec 4 T 31N 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 ft, width 17 ft, depth 8 ft

Reference: wellhead X other _____

Footage from reference: 65 ft

Direction from reference: 35 Degrees X East of West North X South

Depth to Ground Water: (vertical distance from contaminants to seasonal highwater elevation of ground water) 280 ft	___	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 nearest lake, playa, river, stream, creek, 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

RECEIVED
SEP 2 0 1999
OIL CON. DIV.
DIST. 3

P:\pits\PIT(CLOSE).WK3

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 7/26/94 Dated Completed: 5/12/95

Excavation X Approx. cubic yards 75

Landfarmed X Insitu Bioremediation _____

Other _____

Remediation Method: Onsite X Offsite _____

(Check all appropriate sections)

General Description of Remedial Action- The pit was excavated to a pit size of 15 ft X 17 ft X 8 ft in depth. The excavated pit was sampled for closure purposes and was determined that the walls and bottom were within NMOCD and BLM guidelines. The landfarm was determined to be within guidelines on 5/12/95. Based on this information and the physical location of the pit, there is no risk to human health or environment.

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 See pit closure verification field report form

Sample depth 6 ' below ground level (sample #3)

Sample date 7/26/94 Sample time NA

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 24 (sample #3)

TPH 256 (sample #3)

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 9/22/97 PRINTED NAME Bob Wirtanen

SIGNATURE _____ and TITLE Sr. Safety & Environmental Specialist

CLIENT: Phillips Petroleum Co.

ENVIROTECH Inc.

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

PIT NO: PA 222

C.O.C. NO: _____

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 93163

PAGE No: 1 of 1

LOCATION: NAME: San Juan 32-7 WELL #: 53 PC PIT

QUAD/UNIT: P SEC: 4 TWP: 31 N RNG: 7 W BM NM CNTY: SJ ST:

QTR/FOOTAGE: 660' FSL 1070' FEL CONTRACTOR: Cimarron

DATE STARTED: _____

DATE FINISHED: 7/26/94

ENVIRONMENTAL SPECIALIST: CLG

SOIL REMEDIATION: EXCAVATION APPROX. 15 FT. x 17 FT. x 8 FT. DEEP.

DISPOSAL FACILITY: landfarm on site CUBIC YARDAGE: 75.6

LAND USE: range LEASE: SF - 078996

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 65 FEET N 35 E FROM WELLHEAD.

DEPTH TO GROUNDWATER: 280' NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000'

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

Bottom of pit has standing water.

Soil is clay with sand, slightly moist, cohesive, yellow/brown.

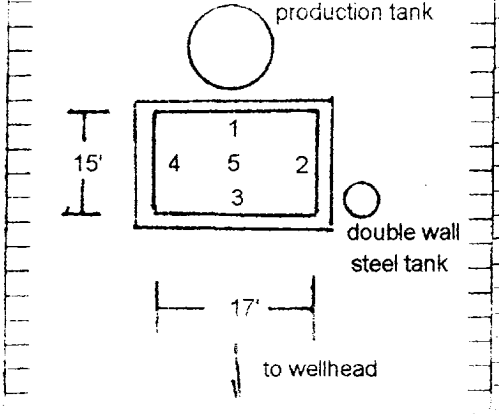
FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
3 @ 6'	614	10	20	1	128	256

SCALE

0 FEET

PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 6'	2
2 @ 6'	3
3 @ 6'	24
4 @ 6'	2
5 @ 8'	1

LAB SAMPLES

PIT PROFILE

TRAVEL NOTES: CALL OUT: 7/26/94 ON SITE: 7/26/94

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:	3 @ 6'	Date Analyzed:	7-26-94
Project Location:	San Juan 32-7 #53 FRT/PC	Date Reported:	7-26-94
Laboratory Number:	GAC0614	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	256	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/Production Pit PA222

Analyst

Review

ENVIROTECH Inc

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

PIT No: PA 222
C.O.C #:

FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION

JOB No: 93163
PAGE No: 1 of 1

FACILITY LOCATION: San Juan 32-7 #53 PC
SOURCE LOCATION:
SOURCE LOCATION:
SOURCE LOCATION:
FACILITY CLASSIFICATION: Landfarm PIT TYPE:

DATE STARTED: 10/3/94
DATE FINISHED: 10/3/94

ENVIRONMENTAL SPECIALIST: CJC/HMB

SOIL REMEDIATION: QUANTITY: 67.7 cubic yards # OF COMP. SAMPLES: 1
DIMENSIONS: 42' X 87' X .5'
VISIBLE OBSERVATIONS:
SAMPLING PLAN: 5 point composite sample

FIELD NOTES & REMARKS: FACILITY CENTER LOCATED APPROX 39 YARDS SW FROM WELLHEAD.

DEPTH TO GROUNDWATER: 280
NEAREST WATER SOURCE/TYPE: N/A
NEAREST SURFACE WATER: N/A
MAX TPH PER NMOCD: 5000

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

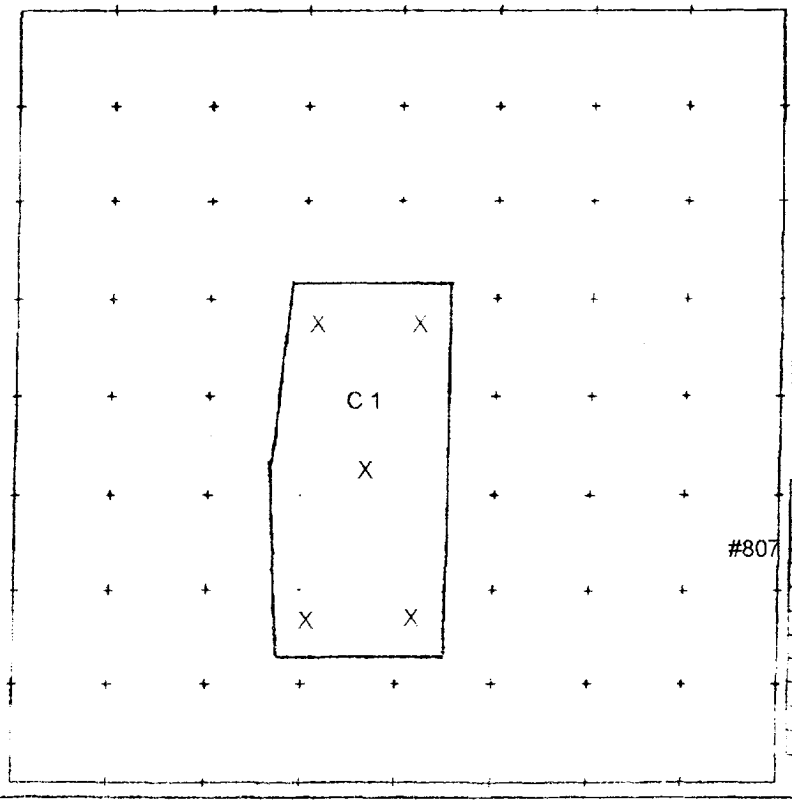
20 ml / 10.32 X 10.5 X 10 X 154 = 31,337

20 ml / 10.32 g X 1 X 1800 = 3488.37

20 ml / 10.32 g X 10.5 X 861 = 17520

FACILITY DIAGRAM

GRID SCALE: 1" = 40'



OVM RESULTS

SAMPLE ID:	FIELD HEADSPACE PID (ppm)
C 1	8

LAB RESULTS

SAMPLE ID:	ANALYSIS REQUESTED	RESULTS PPM:
#807 C 1	TPH	31337

NORTH

WELLHEAD

SURFACE FLOW DIR.

ESTIMATED GROUNDWATER FLOW DIR.

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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:	C-1	Date Analyzed:	10-03-94
Project Location:	San Juan 32-7 # 53	Date Reported:	10-03-94
Laboratory Number:	GAC0807	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	31,337	1,017

ND = Not Detectable at stated detection limits.

QA/QC:

QA QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
60	56	7

*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 PA222

C. Jack Collins
Analyst

Review

ENVIROTECH Inc

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

PIT No: PA 222
C.O.C #: 4198

FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION

JOB No: 93163
PAGE No: 1 of 1

FACILITY LOCATION: San Juan 32-7 # 53
SOURCE LOCATION: Phillips Petroleum Company
SOURCE LOCATION:
SOURCE LOCATION:
FACILITY CLASSIFICATION: Landfarm PIT TYPE: Separator

DATE STARTED: 5-12-95
DATE FINISHED: 5-12-95

ENVIRONMENTAL SPECIALIST: CJC

SOIL REMEDIATION: QUANTITY: 47 cubic yards # OF COMP. SAMPLES: 1
DIMENSIONS: 70' X 36' X 0.5'
VISIBLE OBSERVATIONS:
SAMPLING PLAN:

FIELD NOTES & REMARKS: FACILITY CENTER LOCATED APPROX 43 YARDS SW FROM WELLHEAD.

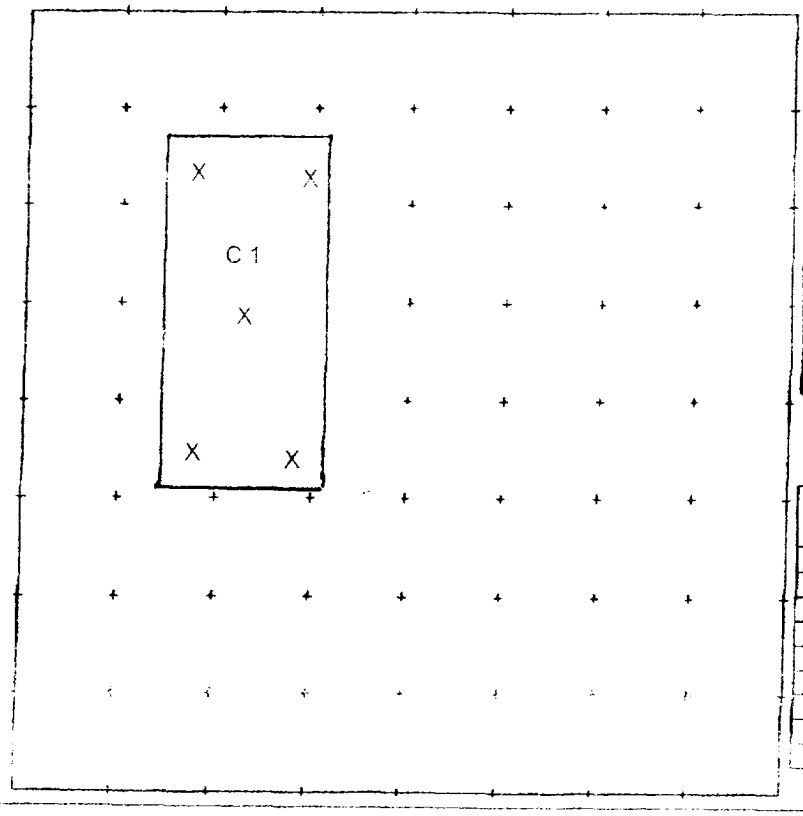
DEPTH TO GROUNDWATER: >100'
NEAREST WATER SOURCE/TYPE: N/A
NEAREST SURFACE WATER: N/A
MAX TPH PER NMOCD: 5000

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: 20'



OVM RESULTS

SAMPLE ID:	FIELD HEADSPACE PID (ppm)
C 1	10

LAB RESULTS

SAMPLE ID:	ANALYSIS REQUESTED 418.1	RESULTS PPM:
C 1	TPH	120

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 #53	Date Reported:	05-16-95
Laboratory Number:	8494	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	123	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

4198

CHAIN OF CUSTODY RECORD

Client/Project Name: Phillips Petroleum/93163

Project Location:

Sampler: (Signature) C. Jack Collins

Chain of Custody Tape No.:

ANALYSIS/PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 418.1						Remarks
SJ.32-7#53 C1-L.F.	5-12-95	1404	8494	Soil	1	✓						
S.J.32-7#63DK C1-L.F.		1210	8495		1	✓						
SJ.32-7 #6 C1-L.F.		1342	8496		1	✓						
Blanco #7 C1-L.F.		1530	8497		1	✓						
S.J.32-7#80PC C1-L.F.		1300	8498		1	✓						
S.J.32-7# 57DK C1-L.F.		1125	8499		1	✓						
					6							

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
C. Jack Collins	5-12-95	1700	Nathan Spencer	5-12-95	1700
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 578-81