Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

Ener , Minerals and Natura' esources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator	Well API No.
PHILLIPS PETROLEUM COMPANY	3003921801
Address 5525 HWY 64 NBU 3004, FARMINGTON, NEW MEXICO 87401	

Reason(s) for Filing (Check proper box)

New Well ☐ Recompletion ☐ Change in Operator ☐ Change in Transporter of: Oil ☐ Dry Gas ☐ Casinghead Gas ☐ Condensate ☒ Other (Please explain) ☐

If change of operator give name and address of previous operator _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease State, Federal or Fee	Lease No.
San Juan 29-5 Unit	94	Gobernador PC		

Location

Unit Letter P : 945 Feet From The South Line and 1185. Feet From The East Line

Section 23 Township 29N Range 5W , NMPM, Rio Arriba County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
Meridian Oil Transporters, Inc.	3535 E. 30th. St., Farmington, NM 87401
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	**Address (Give address to which approved copy of this form is to be sent)**
Williams Field Services Company (Mnrc)	PO Box 58900, Salt Lake City, UT 84158-0900

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When ? Attn: Claire Potter

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.)	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
Perforations			**Depth Casing Shoe**

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL *(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)*

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	**Tubing Pressure**	**Casing Pressure**	**Choke Size**
Actual Prod. During Test	**Oil - Bbls.**	**Water - Bbls.**	**Gas - MCF**

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OIL CON. DIV.
DIST. 3

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	**Tubing Pressure (Shut-in)**	**Casing Pressure (Shut-in)**	**Choke Size**

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

L. E. Robinson

Signature
L. E. Robinson — Sr. Drlg. & Prod.Engr.
Printed Name — Title
5-30-91 — (505) 599-3412
Date — Telephone No.

OIL CONSERVATION DIVISION

Date Approved JUN 04 1991

By _____

Title SUPERVISOR DISTRICT #3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
2) All sections of this form must be filled out for allowable on new and recompleted wells.
3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

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DIST. 3

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE
AND 1 COPY TO SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

Operator: Phillips Petroleum Company Telephone: 505-599-3454

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

Facility Or: San Juan 29-5 #94
Well Name

Location: Unit or Qtr/Qtr Sec SESE Sec 23 T 29N R 5W County Rio Arriba, NM

Pit Type: Separator X Dehydrator X Other Condensate tank

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: 55'

Direction from reference: 45 Degrees X East North ____ of West South X

Depth to Ground Water: (vertical distance from contaminants to seasonal highwater elevation of ground water)	250	___	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

PITCHM WK3

Approved
DEPUTY OIL & GAS INSPECTOR
MAR 27 1996

Date Remediation Started: 9/14/94 Dated Completed: 8/15/95

Excavation X Approx. cubic yards 47

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 8/15/95. 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' from surface (rock bottom)

Sample date 5/9/95 Sample time -

Sample Results

Benzene (ppm)

Total BTEX (PPM)

Field Headspace (ppm) 290

TPH 95800 - 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 1/31/96 PRINTED NAME Ed Hasely

SIGNATURE E. Hasely and TITLE Environmental Engineer

Risk Assessment
29-5 #94 PC

Depth to Groundwater	250'
Distance to Water Source	>1000'
Distance to Surface Water	>1000'
TPH Limit (ppm)	5000

The subject pit was located in hard, well cemented sandstone. The loose contaminated soil was removed from the pit down to the rock bottom and laterally to the rock walls. This soil was landfarmed on location.

The excavation was assessed by Envirotech on 5/9/95. The rock bottom and rock walls at the bottom of the excavation had high TPH readings. All were over 12,000 ppm TPH with the bottom of the north wall the highest at 95,800 ppm TPH. The OVM levels were below 100, except for the bottom of the west and south walls which were 108 and 290 respectively. The landfarm was sampled on 8/15/95 and was found to be acceptable (TPH = 4100 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 high TPH levels, but first water was not recorded on the nearby cathodic well until a depth of 250'. Based on this information and the physical location of the pit, there is little to no risk to human health or the environment.

The excavation was inspected by Bill Liess (BLM) on June 19, 1995.

leh\295#94pc.rsk

PHILLIPS PETROLEUM PIT RE-ASSESSMENT SUMMARY

REVISED DATE: MAY 17, 1995 CJC

1995

ENVIROTECH, INC.

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
PA237	SAN JUAN 29-5 #75 DK	M222905	SEP	10	1000	05/09/95	NO	SAND	NW@ 10'	0.0	19						
									WW@ 10'	0.0	27						CLOSE
									BTM@11'	0.0	29						
									SW@ 10'	0.0	29						
									EW@ 10'	0.0	34						
PA255	SAN JUAN 29-5 #94 PC	P232905	SEP	0	5000	05/09/95	NO	SAND	NW@ 4'	9.6	95,800						
									WW@ 4'	108.0	57,400						BEDROCK
									BTM@ 4'	12.0	12,300						
									SW@ 4'	290.0	22,300						
									EW@ 4'	62.0	18,300						
PA240	SAN JUAN 29-5 #104 PC	B102905	SEP	10	1000	05/10/95	NO	SAND	NW@ 7'	0.0	30						
									WW@ 7'	0.0	33						CLOSE
									BTM@ 7'	0.0	46						
									SW@ 7'	0.0	32						
									EW@ 7'	0.0	63						
PA257	SAN JUAN 29-5 #106 MV	K252905	SEP	0	5000	05/09/95	NO	SAND	NW@ 9'	2.0	36						
									WW@ 9'	6.0	25						CLOSE
									BTM@ 9'	20.0	64						
									SW@ 9'	1040.0	81						
									EW@ 9'	1442.0	92	17	42	48	270	377	
PA256	SAN JUAN 29-5 #106 PC	B102905	SEP	10	1000	05/10/95	NO	SAND	BTM@ 7'	59.0	12,100						BEDROCK
PA076	SAN JUAN 29-6 #25A	O322906	SEP	10	1000	05/11/95	NO	SAND	WW@ 4'	1016	15,000						
									NW@ 5'	1243	22,300						BEDROCK
									BTM@ 5'	286	12,200						
									EW@ 5'	1045	15,800						
									SW@ 4'	1367	17,700						
PA005	SAN JUAN 29-6 #48-35	A352906	SEP	20	100	05/11/95	NO	SAND	WW@ 11'	42	69						
									NW@ 11'	0	41						CLOSE
									BTM@ 12'	0	29						
									EW@ 11'	6	48						
									SW@ 11'	0	35						
PA112	SAN JUAN 29-6 #89 DK	M112906	SEP	20	100	05/11/95	NO	SAND	BTM@ 5'	103	1,230						
PA099	SAN JUAN 29-6 #103 DK	G112906	SEP	10	1000	05/11/95	NO	SAND	BTM@ 2'	88	3,600						BEDROCK
PA114	SAN JUAN 29-6 #111 PC	C012906	SEP	0	5000	05/10/95	NO	SAND	WW@ 3'	479	465						BEDROCK
									NW@ 3'	1110	389						CLOSE
									BTM@ 4'	4	49						
									EW@ 3'	169	70						
									SW@ 3'	1150	4,600	ND	ND	22	1161	1183	
PA213	SAN JUAN 32-7 # 50	O343207	SEP	0	5000	05/18/95	NO	SHALE/SAND	NW@ 8'	1162	892						
									EW@ 8'	670	6,144						REMEDIATE
									WW @ 8'	267	19,000						
									SW @ 8'	642	21,500						
									BTM @ 12'	686	4,100						

CLIENT: Phillips

ENVIROTECH Inc.

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

PIT NO: PA255

C.O.C. NO: _____

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 93163
PAGE No: ___ of ___

LOCATION: NAME: San Juan 29-5 WELL #: 94 PIT: Sep

QUAD/UNIT: SEC: 23 TWP: 29N RNG: 5W BM: CNTY: Rio Arriba

QTR/FOOTAGE: CONTRACTOR:

DATE STARTED: 5-9-97
DATE FINISHED: 5-9-97

ENVIRONMENTAL SPECIALIST: CJL

SOIL REMEDIATION: EXCAVATION APPROX. 18 FT. x 24 FT. x 4 FT. DEEP.
DISPOSAL FACILITY: _____ CUBIC YARDAGE: _____
LAND USE: _____ LEASE: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 45 FEET S.E FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: _____ NEAREST SURFACE WATER: _____
NMOCD RANKING SCORE: _____ NMOCD TPH CLOSURE STD: 5000 PPM

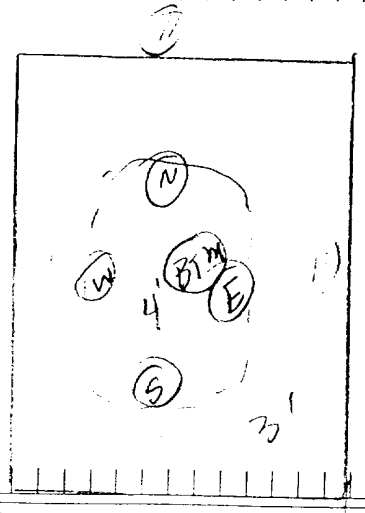
SOIL AND EXCAVATION DESCRIPTION:

FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
NW@4'	1031	10.40	20.0	100	498	95,800
WW@4'	1032	10.31	20.0	100	296	57420
BTM@4'	1033	10.61	20.0	100	45	12,300
SW@4'	1034	10.69	20.0	100	119	22300
EW@4'	1035	10.25	20.0	100	94	18,900

SCALE
0 10' FEET

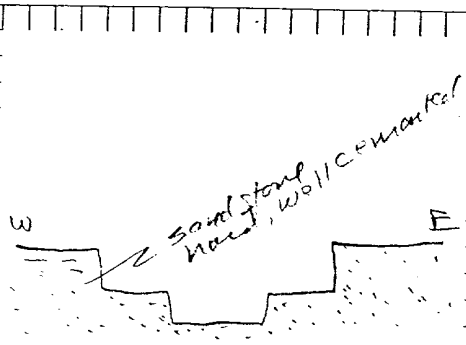
PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 NW @ 4'	9.6
2 WW @ 4'	107.8
3 BM @ 4'	11.5
4 SW @ 4'	290.0
5 EW @ 4'	61.5
LF	115.0
	LAB SAMPLES

PIT PROFILE



TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	PHILLIPS PETROLEUM	Project #:	93163
Sample ID:	N. Wall @ 4'	Date Analyzed:	05/09/95
Project Location:	San Juan 29-5, #94	Date Reported:	05/18/95
Laboratory Number:	GAC1031	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	96,000	1,000

ND = Not Detectable at stated detection limits.

QA/QC:

Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
10	13	26

*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit # PA255

C. Jack Collins
Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	PHILLIPS PETROLEUM	Project #:	93163
Sample ID:	W. Wall @ 4'	Date Analyzed:	05/09/95
Project Location:	San Juan 29-5, #94	Date Reported:	05/18/95
Laboratory Number:	GAC1032	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	57,000	1,000

ND = Not Detectable at stated detection limits.

QA/QC:	Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
	10	13	26

*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit # PA255

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	PHILLIPS PETROLEUM	Project #:	93163
Sample ID:	Bottom @ 4'	Date Analyzed:	05/09/95
Project Location:	San Juan 29-5, #94	Date Reported:	05/18/95
Laboratory Number:	GAC1033	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	12,000	1,000

ND = Not Detectable at stated detection limits.

QA/QC:	Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
	10	13	26

*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit # PA255

C. Jack Collins
Analyst

Stacy W. Sendler
Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	PHILLIPS PETROLEUM	Project #:	93163
Sample ID:	S. Wall @ 4'	Date Analyzed:	05/09/95
Project Location:	San Juan 29-5, #94	Date Reported:	05/18/95
Laboratory Number:	GAC1034	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	22,000	1,000

ND = Not Detectable at stated detection limits.

QA/QC:	Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
	10	13	26

*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit # PA255

C. Judy Collins
Analyst

Stacy W. Sendler
Review

5796 U.S. Highway 64-3014 • Farmington, NM 87401 • Tel 505-632-0615 • Fax 505-632-1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	PHILLIPS PETROLEUM	Project #:	93163
Sample ID:	E. Wall @ 4'	Date Analyzed:	05/09/95
Project Location:	San Juan 29-5, #94	Date Reported:	05/18/95
Laboratory Number:	GAC1035	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	18,000	1,000

ND = Not Detectable at stated detection limits.

QA/QC:

Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
10	13	26

*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit # PA255

C. Jack Collins
Analyst

Review

PHILLIPS PETROLEUM SURFACE IMPOUNDMENT LANDFARM RESULTS

1995

--ENVIROTECH, INC.--

REVISED DATE: AUGUST 23, 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) Benzene	EPA METHOD 8020 (PPB) TOT. BTEX	STATUS	
PA237	SAN JUAN 29-5, #75 DK	55	10	1,000	08-15-95	C1	181.3	946	66.9	614.9	CLOSE REMEDIATE	***
PA237	SAN JUAN 29-5, #75 DK	55	10	1,000	08-15-95	C2	175.9	321	ND	73.6	CLOSE	
PA239	SAN JUAN 29-5, #87 PC	60	20	100	08-15-95	C1	15.8	561			REMEDIATE	***
PA239	SAN JUAN 29-5, #87 PC	60	20	100	08-15-95	C2	149.3	488	ND	✓ 360.3	REMEDIATE	***
PA239	SAN JUAN 29-5, #87 PC	60	20	100	08-15-95	C3	25.9	620			REMEDIATE	***
PA255	SAN JUAN 29-5, #94 PC	250	0	5,000	08-15-95	C1	41.0	4,100			CLOSE	
PA240	SAN JUAN 29-5, #104PC	70	10	1,000	08-15-95	C1	137.0	11,800	ND	✓ 214.0	REMEDIATE	***
PA076	SAN JUAN 29-6, #25A MV	45	10	1,000	08-16-95	C1	4.7	288			CLOSE	
PA005	SAN JUAN 29-6, #48-35 MV	45	20	100	08-16-95	C1	915.0	119	ND	✓ 8,091.0	REMEDIATE	***
PA005	SAN JUAN 29-6, #48-35 MV	45	20	100	08-16-95	C2	474.0	40			REMEDIATE	***
PA005	SAN JUAN 29-6, #48-35 MV	45	20	100	08-16-95	C3	626.0	109	ND	✓ 5,313.0	REMEDIATE	***
PA112	SAN JUAN 29-6, #89 DK	45	20	100	08-15-95	C1	509.0	280	ND	✓ 207.1	REMEDIATE	***
PA079	SAN JUAN 29-6, #100DK	45	20	100	08-16-95	C1	3.8	ND			CLOSE	
PA099	SAN JUAN 29-6, #103DK	80	10	1,000	08-15-95	C1	215.9	1,130	ND	✓ 172.0	REMEDIATE	***
PA136	SAN JUAN 30-5, #47DK	<100	10	1,000	08-15-95	C1	1040.0	499	ND	250.8	CLOSE	
PA212	SAN JUAN 32-7, #6F/PC	45	20	100	08-16-95	C1	11.8	144			REMEDIATE	***
PA223	SAN JUAN 32-7, #80PC	235	0	5,000	08-16-95	C1	1.8	2,800			CLOSE	
PA253	STEWART A COM B #3	90	10	1,000	08-16-95	C1	1.8	ND			CLOSE	

ENVIROTECH Inc.

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

PIT No: PA 255
C.O.C #: 4341

FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION

JOB No: 93163
PAGE No: 1 of 1

FACILITY LOCATION: San Juan 29-5 #94 DK Sec 23 T29N R5W Rio Arriba NM
SOURCE LOCATION:
SOURCE LOCATION:
SOURCE LOCATION:
FACILITY CLASSIFICATION: On Site Land Farm PIT TYPE: Separator

DATE STARTED: 8-15-95
DATE FINISHED: 8-15-95
ENVIRONMENTAL SPECIALIST: HMB

SOIL REMEDIATION: QUANTITY: ± 63 cy # OF COMP. SAMPLES: 1
DIMENSIONS: 45 x 27 x 1.4'
VISIBLE OBSERVATIONS: Several Oily Patches in Rocky/Sandy Clay
SAMPLING PLAN: 5 pt composite @ 6"-9" below Surface

45 x 27 x 1.4

FIELD NOTES & REMARKS: FACILITY CENTER LOCATED APPROX 34 YARDS N FROM WELLHEAD.

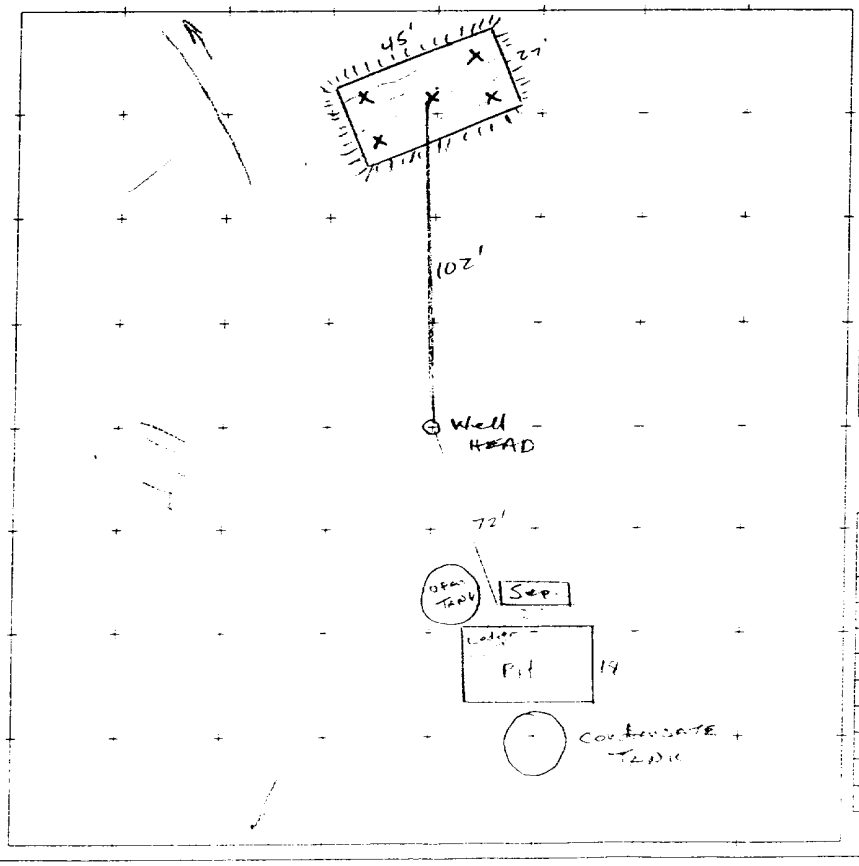
DEPTH TO GROUNDWATER: 250'
NEAREST WATER SOURCE/TYPE: 71000
NEAREST SURFACE WATER: 71000
MAX TPH PER NMOCD: 5000 ppm.

Soil Loose to good depth, mostly dry petroleum odor very evident. Some paraffin and dk oily spots.

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 P.I. (ppm)
C1	41 ppm

LAB RESULTS

SAMPLE ID:	ANALYSIS REQUESTED	RESULTS PPM:
C1	TPH	4100

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 Petroleum	Project #:	93163
Sample ID:	San Juan 29-5 #94 PC C1	Date Reported:	08-16-95
Laboratory Number:	8800	Date Sampled:	08-15-95
Chain of Custody No:	4341	Date Received:	08-15-95
Sample Matrix:	Soil	Date Extracted:	08-16-95
Preservative:	Cool	Date Analyzed:	08-16-95
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**4,100**	**10**

ND = Parameter not detected at the stated detection limit.

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

Comments: **PA255. Various Landfarms.**

Analyst

Review

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