

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

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. OPERATOR		Well APN No.
PHILLIPS PETROLEUM COMPANY		
Address 300 W ARRINGTON, SUITE 200, FARMINGTON, NM 87401		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
Change in Operator <input checked="" type="checkbox"/>		
If change of operator give name and address of previous operator: Northwest Pipeline Corp., 3535 E. 30th, Farmington, NM 87401		

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 30-5 Unit	Well No. 95	Pool Name, Including Formation Basin Dakota	Kind of Lease State/Federal Fee	Lease No.
Location Unit Letter H : 1600 Feet From The North Line and 990 Feet From The East Line Section 28 Township 30N Range 5W NMPM Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P.O. Box 159, Bloomfield, NM 87413					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P.O. Box 58900, SLC, Utah 84158-0900					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Trp.	Rgn.	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	RECEIVED APR 01 1991
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	

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
APR 01 1991 (505) 599-3412
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved APR 01 1991

By *[Signature]*
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
DEPUTY OIL & GAS INSPECTOR
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos, Santa Fe, NM 87504
DEC 02 1997

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 30 - 5 Unit # 95

Well Name

Location: Unit or Qtr/Qtr Sec SENE Sec 28 T 30N R 5W County Rio Arriba

Pit Type: Separator X Dehydrator _____ Other _____

Land Type: BLM _____ State _____ Fee X Other _____

Pit Location: Pit dimensions: Length 25 ft width 25 ft depth 7 ft
(Attach diagram)

Reference: wellhead X other _____

Footage from reference: 45 ft

Direction from reference: 50 Degrees X East North _____
West South X

Depth to Ground Water: 80 ft

(vertical distance from
contaminants to seasonal
highwater elevation of
ground water)

Less than 50 feet (20 points)

X 50 ft to 99 feet (10 points)

Greater than 100 feet (0 points) 10

Wellhead Protection Area:
(less than 200 feet from a private
domestic water source, or: less than
1000 feet from all other water sources).

X Yes (20 points)

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)

X 200 feet to 1000 feet (10 points)

Greater than 1000 feet (0 points) 0

Date Remediation Started: 9/7/93

Dated Completed: 8/10/94

Excavation X

Approx. cubic yards 27

Landfarmed X

In situ Bioremediation _____

Other _____

Remediation Method:

Onsite X

Offsite _____

(Check all appropriate
sections)

General Description of Remedial Action- The site was assessed on 9/7/93 and tested below NMOCD and BLM guidelines, 3 feet below pit bottom. The pit was excavated on 9/20/93, 3 feet below original pit bottom. The landfarm was determined to be within guidelines on 8/10/94. 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
of multiple samples,
attach sample results

and diagram of sample
locations and depths)

Sample location Deepest part of original Pit

Sample depth 7' below ground level

Sample date 9/7/93

Sample time 11:45

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 87

TPH Non-Detect

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 8/26/97

PRINTED NAME Bob Wirtanen

SIGNATURE R. A. Wirtanen

and TITLE Sr. Safety & Environmental Specialist

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0815

PIT NO: PA059

C.O.C. NO: 3031

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: 9-7-93
DATE FINISHED: 9-7-93
ENVIRO. SPCL: REO
OPERATOR: CIMATTON
ASSISTANT: K.S.

LOCATION: LEASE: San Juan 30-5 WELL: #95 DK QD: 1600' FNL: 990' FEL: (H)
SEC: 28 TWP: 30N RNG: 5W PM: NM CNTY: R.A. ST: NM PIT: Sep.

LAND USE: Range -- Fee

SURFACE CONDITIONS: Earthen pit -- No stain

PIT CENTER IS LOCATED APPROXIMATELY 45 FEET S. 50°E. OF WELLHEAD.

CLOSURE STD: 1000 ppm TPH


T1: Moist, brown, silty clay -- faint odor.
No staining.

RANKING SCORE: 10

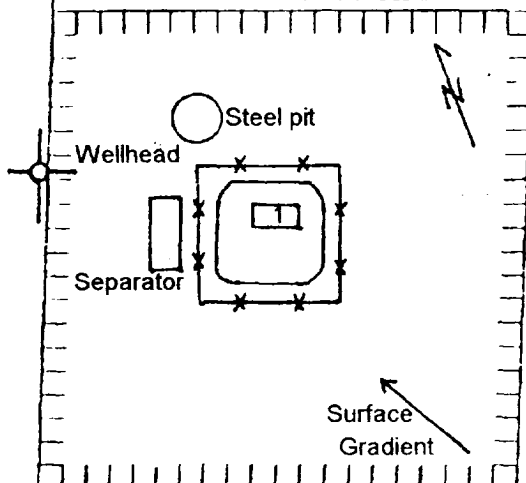
TEST HOLE LOGS

SAMPLE INVENTORY		
SAMPL ID	SAMPL TYPE	LABORATORY ANALYSIS
T1@7'	Soil	TPH = ND

SCALE

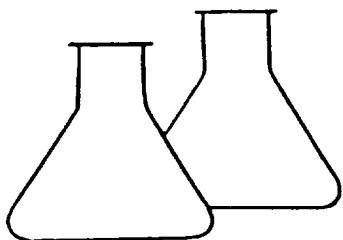
 Pit is approx. 25'x25'

SITE DIAGRAM



TH#: 1			TH#:			TH#:			TH#:			
GD	SOIL TYPE	SAMPL TYPE	OVN/TPH	SOIL TYPE	SAMPL TYPE	OVN/TPH	SOIL TYPE	SAMPL TYPE	OVN/TPH	SOIL TYPE	SAMPL TYPE	OVN/TPH
08												
1												
2												
3												
4	Pit bottom											
	CL	GRB	195									
5												
6												
7	CL	GRB	87									
	TD = 7											
8												
9												
10												
11												
12												
13												
14												

SOIL TYPE: C - Clay, M - Silt, S - Sand, G - Gravel Plant: By L - Moss, H - Fleecy, B - Bare



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 @ 7'	Date Analyzed:	09-07-93
Project Location:	San Juan 30-5, #95 DK	Date Reported:	09-09-93
Laboratory Number:	GAC0208	Sample Matrix:	Soil

<u>Parameter</u>	<u>Result, mg/kg</u>	<u>Detection Limit, mg/kg</u>
Petroleum Hydrocarbons	ND	10

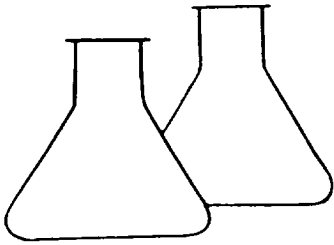
Quality Assurance:	Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.
	15700	14500	8

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

Comments: Separator Pit--PA059

R. E. O'Neil
Analyst

Maria D. Young
Review



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*Composite after
Soil removed
Limit is 1000.*

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

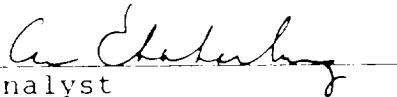
Client:	Phillips Petroleum	Project #:	93163
Sample ID:	3' Below Pit Bottom	Date Sampled:	09-20-93
Laboratory Number:	6138	Date Received:	09-21-93
Sample Matrix:	Soil	Date Analyzed:	09-21-93
Preservative:	Cool	Date Reported:	09-21-93
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	690	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: SJ 30-5 95. 3' below pit bottom, total 6 1/2'.


Analyst


Reviewer

Pit Closure Verification
San Juan 30-5 #95

Depth to Groundwater	80'
Distance to Water Source	>1000'
Distance to Surface Water	>1000'
TPH Limit (ppm)	1000

The subject pit was located in moist, silty clay soil. The initial size of the pit was 25'x25'x4' deep. The stained soil was excavated to a final pit size of 25' x 25' x 7' deep. Excavated soil amounted to 27 total cubic yards, and was landfarmed on location.

The excavation was assessed by Envirotech on 9/7/93. One test hole was utilized for assessment. The test hole was established in the deepest part of the pit with a total depth of 7 feet. Headspace analysis of the test hole at 7 feet revealed a concentration of 87 parts per million (ppm). Total Petroleum Hydrocarbons (TPH) analysis at 7 feet utilizing USEPA Method 418.1 provided a concentration of Non-Detect. Excavation of the walls and bottom was performed on 9/20/93. The excavation proceeded to a depth of 7 feet with no further excavation of the pit walls. Headspace and TPH analysis of the walls and bottom was not performed due to the assessment demonstrating that the pit was below closure standards 3 feet below pit bottom. The landfarm was tested on 8/10/94 by Envirotech and was found to be within closure guidelines (TPH = 59 ppm and an OVM reading of 1.9 ppm).

Having achieved action levels below NMOCD and BLM requirements this pit should be considered to have reached "final closure". Phillips Petroleum has removed and remediated all soils to the extent practical. By filling the excavation, the driving force created by additional fluids will be eliminated. Based on this information and the physical location of the pit, there is little to no risk to human health or environment.

ENVIROTECH Inc.

5798 US HWY 64, FARMINGTON, NM 87401
(505) 832-0615

PIT No: PA059
C.O.C #: 3871

Sample #15

FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION

JOB No: 93163
PAGE No: 1 of 1

FACILITY LOCATION: San Juan 30-5 #95 DK Elev. 6501' GR
SOURCE LOCATION: # Fee 1600' FNL, 990' FEL Sec. 28
SOURCE LOCATION: T30N, R5W, N.M.P.M. Rio Arriba County N.M.
SOURCE LOCATION: _____
FACILITY CLASSIFICATION: On-site landfarm PIT TYPE: Sep.

DATE STARTED: 8/10/94
DATE FINISHED: 8/10/94

ENVIRONMENTAL
SPECIALIST: PV

SOIL REMEDIATION QUANTITY: 27 cy # OF COMP. SAMPLES: 1
DIMENSIONS: 46' L x 32' W x 6" deep
VISIBLE OBSERVATIONS: Dry lt. brown clays with no odors
SAMPLING PLAN: 1 5-point composite

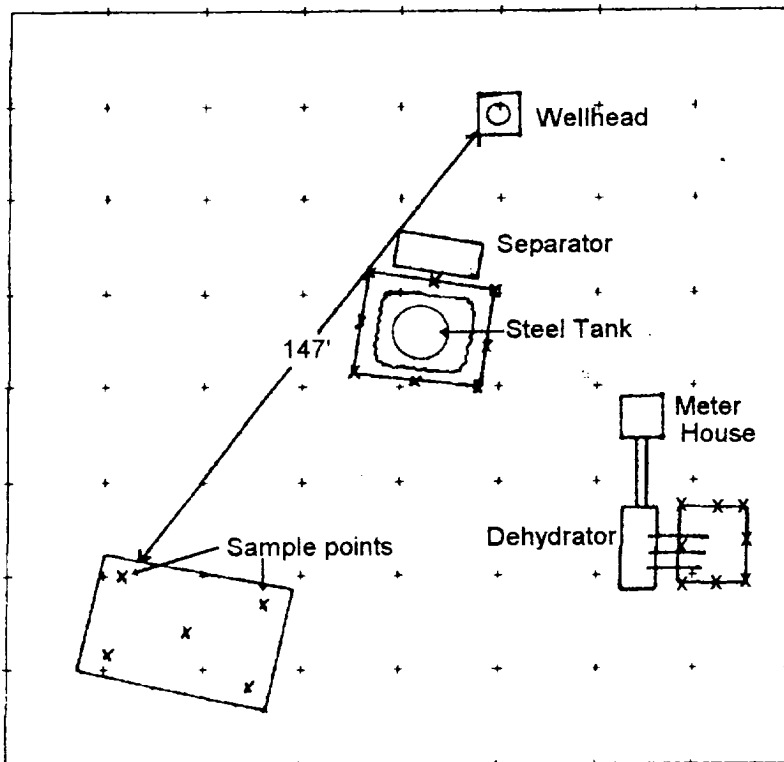
FIELD NOTES & REMARKS: FACILITY CENTER LOCATED APPROX 54 YARDS SE FROM WELLHEAD.

DEPTH TO GROUNDWATER: 80'
NEAREST WATER SOURCE/TYPE: >1000'
NEAREST SURFACE WATER: >1000'
MAX TPH PER NMCD: 1000 ppm

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 PD (ppm)
#15	1.9
TPH	418.1
Time	1206



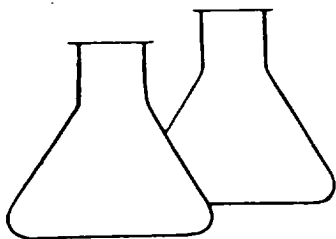
LAB RESULTS

SAMPLE ID	ANALYSIS REQUESTED	RESULTS PPM

WELLHEAD

SURFACE
FLOW DIR.

ESTIMATED
GROUNDWATER
FLOW DIR.



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	PHILLIPS PETRO	Project #:	93163
Sample ID:	SJ 30-5 95DK	Date Sampled:	08-11-94
Laboratory Number:	7806	Date Received:	08-11-94
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	59	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: RIO ARriba COUNTY NM

Rex L. Gauffin
Analyst

Morris D. Young
Review

CHAIN OF CUSTODY RECORD

Client/Project Name		Project Location		ANALYSIS/PARAMETERS																	
PHILLIPS PETRO		RIO ARRIBA COUNTY N.M.																			
Sampler: (Signature)		Chain of Custody Tape No.		Sample Identification		Sample Date		Sample Time		Lab Number		Sample Matrix		No. of Containers		TPH		BTEX		Remarks	
<i>Phillips Velazquez</i>																					
SAN JUAN	1-6 #24	8/10/94	0447		7804	Soil										1	✓				Lead Farm Sample
SAN JUAN	31-6 #40PK	8/10/94	1024		7805	Soil										1	✓				Lead Farm Sample
SAN JUAN	30-5 #95DK	8/10/94	1206		7806	Soil										1	✓				Lead Farm Sample
SAN JUAN	30-5 #81PK	8/10/94	1306		7807	Soil										1	✓				Lead Farm Sample
SAN JUAN	29-5 107 PM	8/10/94	1424		7808	Soil										1	✓				Lead Farm Sample
SAN JUAN	30-5 52DK	8/10/94	1540		7809	Soil										1	✓				Lead Farm Sample
SAN JUAN	30-5 53PK	8/10/94	1614		7810	Soil										1	✓				Lead Farm Sample
Relinquished by: (Signature)																					
<i>Phillips Velazquez</i>																					
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