

Denny & Trust
DEPUTY OIL & GAS INSPECTOR

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

JUN 23 1988

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator: Phillips Petroleum (Williams Field Services)

Telephone: (801) 584-6361

Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900

WellName: SJ 32-7 # 39 DK

(73643)

Location: Unit or Qtr/Qtr Sec K Sec 23 T 32 R 7 County San Juan

PitType Dehydrator

LandType: State

Pit Location: Pit dimensions: length 22 ft., width 21 ft., depth 12 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 70 ft.

Direction from reference: 28 Degrees East of North

Depth To Ground Water:

(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
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)

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DIST. 3

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)
200 feet to 1,000 feet (10 points)
Greater than 1,000 feet (0 points) 0

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 11/6/97

Date Completed: 11/6/97

Remediation Method: Excavation ☒

Approx. Cubic Yard 205

(check all appropriate sections)

Landfarmed ☒Insitu Bioremediation ☐

Other

Landfarmed soil after mechanical aeration.

Remediation Location: Onsite ☒ Offsite(ie. landfarmed onsite,
name and location of
offsite facility)

General Description Of Remedial Action:

The pit was excavated to remove gross petroleum contamination. The excavated material was mechanically aerated and placed into an onsite landfarm.

Ground Water Encountered: 0

Final Pit:

Sample location SJ 32-7 # 39 DK-V-EXFL-01

Closure Sampling:

Two samples were collected, one sample from the excavation bottom and the second sample was made up of 4 points from each excavation wall.

(if multiple samples, attach
sample results and diagram
of sample locations and
depths)

Sample depth 12 FEET

Sample date 11/6/97

Sample time 13:18

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) <0.40

Field Headspace (ppm)

TPH (ppm) 540

Ground Water Sample: 0

I HERBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE
BEST OF MY KNOWLEDGE AND BELIEF

DATE 3/6/98

SIGNATURE

PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

73643

Date: 11-6-97

Weather SUNNY 60's

Well Name SJ 32-7 #39 DK Operator PHILLIPS PETROLEUM Sec 23 T 32 R 7 UL K

Land Type: BLM STATE FEE INDIAN

County SAN JUAN

One Call Made (505-765-1234)? Y N

Line Marking Evident? Y N

Pit Location:Reference Wellhead X Other

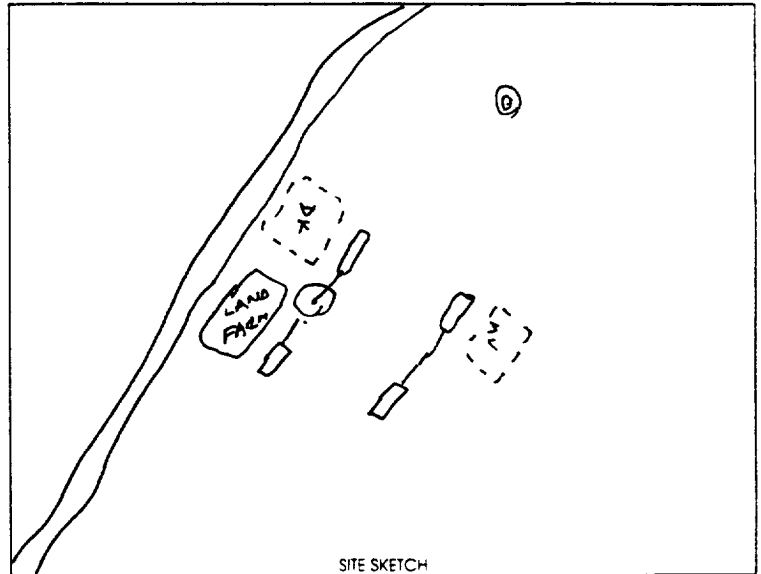
Distance from: 70

Direction: 28 Degrees x E N x

_____ of _____ W _____ S _____

Starting Pit Dimensions 15 x 15 x 1

Final Pit Dimensions 22 x 21 x 12



Organic Vapor Readings:

Start	_____
@ 2'	_____
@ 4'	_____
@ 6'	_____
@ 8'	_____
@ 10'	_____
@ 12'	_____

Soil Description:

_____	ROCKY CLAY
_____	" "
_____	" "
_____	" "
_____	" "
_____	" "
_____	CLAYSTONE FLOOR

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE
Arroyo, Wash, Lake, Stream NONE
Estimated or Known Distance to Ground Water >100'

Arroyo, Wash, Lake, Stream NONE

Estimated or Known Distance to Ground Water > 100'

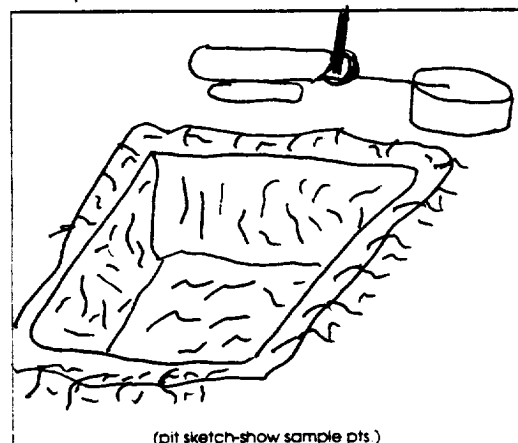
Source of Backfill (if other than processed material) _____

Samples collected: Type Progress: Verification: ID SJ 32-7 #39 DK.V.EXWA.01 soil / water
Progress: Verification: ID SJ 32-7 #39 DK.V.EXFL.01 soil / water
Progress: Verification: ID _____ soil / water

Progress: (Verification) ID SJ 32-7 #39 DK.V. EXFL. 01 (soil) / water

Progress: Verification: ID _____ soil / water

Sample sent to Lab Via: Courier Hand Carried Other _____ Preservative: ICE Other _____



Comments: SITE HAD SLIGHT STAINING AND MODERATE
ODOR - HIT CLAYSTONE FLOOR AT 12' - SOIL LANDFILL
ADJACENT TO EXCAVATED PIT AND ON ^{OPPOSITE} ~~OTHER~~ SIDE OF
MV SITE

Soil Shipped to: ON SITE LANDFARM

Prepared by: Mark L. Mello



AMERICAN
WEST
ANALYTICAL
LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687

ORGANIC ANALYSIS REPORT

Client: Williams Field Services
Date Sampled: November 06, 1997
Date Received: November 12, 1997

Contact: Mark Harvey
Date Extracted: November 11, 1997
Date Analyzed: November 13, 1997

Analysis Requested:
Total Petroleum Hydrocarbons
Volatile Aromatics

Method Ref. Number:
SW-846 #8015/8020 modified
(Extraction - GC/PID-FID)

Field Sample ID:
SJ 32-7 #39 DK-V-EXWA-01 @ 13:05/73643
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31468-21

Analytical Results

BTX/TPH-E

Units = mg/kg(ppm)

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	1000.

% Moisture

5.0%

* All compounds are reported on a dry weight basis.

Released By: 
Laboratory Supervisor

Report Date: November 19, 1997

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ORGANIC ANALYSIS REPORT

AMERICAN
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Client: Williams Field Services
Date Sampled: November 06, 1997
Date Received: November 12, 1997

Contact: Mark Harvey
Date Extracted: November 11, 1997
Date Analyzed: November 13, 1997

Analysis Requested:
Total Petroleum Hydrocarbons
Volatile Aromatics

Method Ref. Number:
SW-846 #8015/8020 modified
(Extraction - GC/PID-FID)

Field Sample ID:
SJ 32-7 #39 DK-V-EXFL-01 @ 13:18/73643
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31468-22

Analytical Results

BTX/TPH-E

Units = mg/kg(ppm)

Compound:	Reporting Limit:	Amount Detected:
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	540.

% Moisture

5.0%

* All compounds are reported on a dry weight basis.

Released By:


Laboratory Supervisor

Report Date: November 19, 1997

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AMERICAN
WEST
ANALYTICAL
LABORATORIES

ORGANIC ANALYSIS REPORT

Client: Williams Field Services
Date Sampled: November 21, 1997
Date Received: November 24, 1997

Contact: Mark Harvey
Date Extracted: November 24, 1997
Date Analyzed: November 25, 1997

Analysis Requested:
Total Petroleum Hydrocarbons

Method Ref. Number:
SW-846 #8015 modified
(Extraction - GC/FID)

Field Sample ID:
SJ 32-7 #39 DK-V-LF-01 @ 13:30/73643 52 PPM
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31589-30

Analytical Results

TPH-E

Units = mg/kg(ppm)

Compound:

Reporting
Limit:

Amount
Detected:

Total Petroleum Hydrocarbons

2.0

1000.

(801) 263-8686

oll Free (888) 263-8686

Fax (801) 263-8687

% Moisture

12.%

* All compounds are reported on a dry weight basis.

LAND OF FARM

Released By: Deane Baker

Laboratory Supervisor

Report Date: November 26, 1997

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