

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

JUN 23 1998

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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 30-5 # 53 DK (85382)
Location: Unit or Qtr/Qtr Sec L Sec 16 T 30 R 5 County Rio Arriba
PitType Dehydrator
LandType: State

Pit Location: Pit dimensions: length 16 ft., width 16 ft., depth 9 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 92 ft.

Direction from reference: 70 Degrees East of North

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 points) 0
high water elevation of
ground water)

Wellhead Protection Area: 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 1,000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1,000 feet (0 points) 0
irrigation canals and ditches)

Ranking Score (TOTAL POINTS): 0

RECEIVED
MAR 30 1998
OIL CON. DIV.
DIST. 3

Date Remediation Started: 10/16/97

Date Completed: 10/16/97

Remediation Method: Excavation ☒

Approx. Cubic Yard 85

(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 30-5 # 53 DK-V-EXFL-01

Closure Sampling:

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

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

Sample depth 9 FEET

Sample date 10/16/97

Sample time 10:29

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) <0.40

Field Headspace (ppm)

TPH (ppm) <2.0

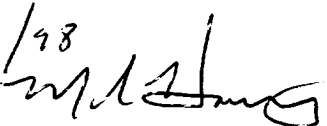
Ground Water Sample: 0

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
AND TITLE

Mark Harvey for Williams Field Services

PIT RETIREMENT FORM

85382

Date: 10-16-97

Weather SUNNY 70's

Well Name SJ 30-5 #53 DK Operator PHILLIPS Sec 16 T 30 R 5 UL L

Land Type: BLM STATE FEE INDIAN County RIO ARriba

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

Line Marking Evident? (Y) N

Pit Location:

Reference Wellhead X Other _____

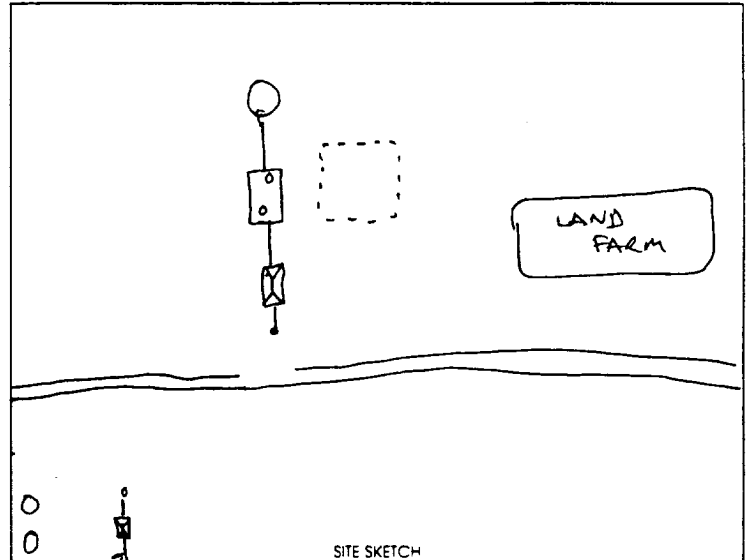
Distance from: 92

Direction: 70 Degrees X E N X

of
W S

Starting Pit Dimensions 12 X 12 X 1

Final Pit Dimensions 16 X 16 X 9



SITE SKETCH

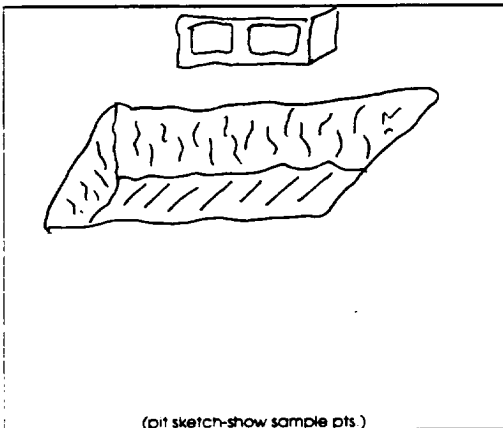
Organic Vapor Readings: Start _____ Soil Description: SANDY
 @ 2' _____
 @ 4' _____
 @ 6' _____
 @ 8' _____
 @ _____
 @ _____

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE
 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 30-5 #53 DK-V-EXWA-01 (soil) water
 Progress: Verification ID SJ 30-5 #53 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 LITTLE
ODOR - EXCAVATION CONSISTED OF MAINLY SAND - SOIL / SAND
LANDFARMED ON SITE

Soil Shipped to: ON SITE LANDFARM
 Prepared by: [Signature]



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: October 16, 1997
Date Received: October 23, 1997

Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

Field Sample ID:
JICARILLA PIT REMEDIATION
SJ 30-5 #53DK-V-EXWA-01 @ 10:22/85382

Contact: Mark Harvey
Date Extracted: October 23, 1997
Date Analyzed: October 24, 1997

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

Lab Sample ID:
L31227-11

Analytical Results

Units = mg/kg(ppm)

BTX/TPH-E

<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	< 2.0

% Moisture

2.0%

* All compounds are reported on a dry weight basis.

Released By:


Laboratory Supervisor

Report Date: October 27, 1997

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ORGANIC ANALYSIS REPORT

Client: Williams Field Services
Date Sampled: October 16, 1997
Date Received: October 23, 1997

Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

Field Sample ID:
JICARILLA PIT REMEDIATION
SJ 30-5 #53DK-V-EXFL-01 @ 10:29/85382

Contact: Mark Harvey
Date Extracted: October 23, 1997
Date Analyzed: October 24, 1997

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

Lab Sample ID:
L31227-12

Analytical Results

Units = mg/kg(ppm)

BTX/TPH-E

<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	< 2.0

% Moisture

2.0%

* All compounds are reported on a dry weight basis.

Released By: Dean Baker
Laboratory Supervisor

Report Date: October 27, 1997

1 of 1



ORGANIC ANALYSIS REPORT

AMERICAN
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Client: Williams Field Services
Date Sampled: November 20, 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 30-5 #53DK-V-LF-01 @ 15:19/85382 21 PPM
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31589-7

Analytical Results

TPH-E

463 West 3600 South
Salt Lake City, Utah
84115

Units = mg/kg(ppm)

Compound:

Reporting
Limit:

Amount
Detected:

Total Petroleum Hydrocarbons

2.0


< 2.0

% Moisture

10. %

* All compounds are reported on a dry weight basis.

Released By:


Laboratory Supervisor

LAW OF FARM

Report Date: November 26, 1997

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