

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

JUN 23 1998

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 # 51

(85381)

Location: Unit or Qtr/Qtr Sec B Sec 21 T 30 R 5 County Rio Arriba

PitType Dehydrator

LandType: State

Pit Location: Pit dimensions: length 13 ft., width 14 ft., depth 8 ft.
 (Attach diagram)

Reference: Wellhead

Footage from reference: 112 ft.

Direction from reference: 330 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

RECEIVED
 MAR 30 1998

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

OIL CON. DIV.
 DIST. 2

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: 10/21/97

Date Completed: 10/21/97

Remediation Method: Excavation ☒
(check all appropriate sections)

Approx. Cubic Yard 54

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 # 51-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 8 FEET

Sample date 10/22/97

Sample time 18:09

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 Mark Harvey for Williams Field Services
AND TITLE

PIT RETIREMENT FORM

85381

Date: 10-21-97

Weather SUNNY 70's

Well Name SJ 30-5 #51 Operator PHILLIPS Sec 21 T 30 R 5 UL B

Land Type: BLM STATE FEE INDIAN County Rio ARriba

One Call Made (505-765-1234)? ☒ Y ☐ N

Line Marking Evident? ☒ Y ☐ N

Pit Location:

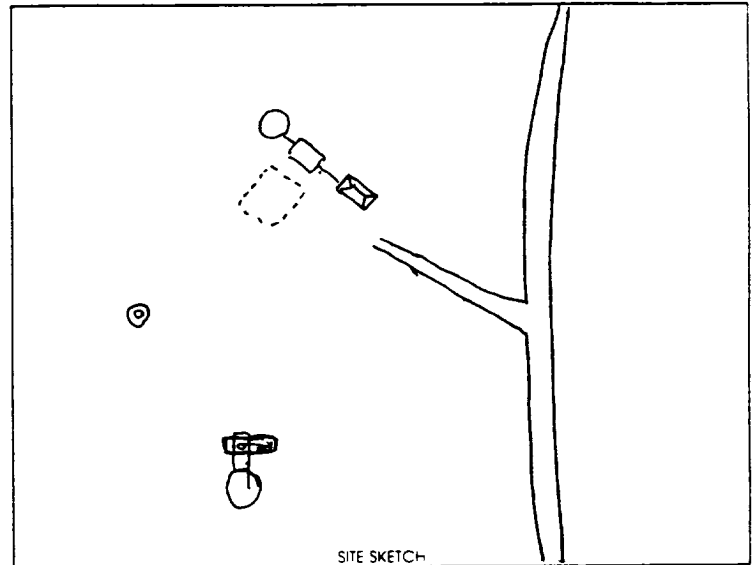
Reference Wellhead ☒ Other ☐

Distance from: 112'

Direction: 330° Degrees ☒ E ☐ N ☒
of
☐ W ☐ S

Starting Pit Dimensions 12 x 12 x 1

Final Pit Dimensions 13 x 14 x 8



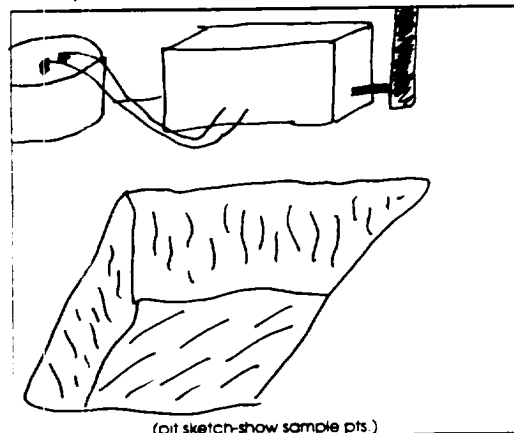
Organic Vapor Readings: Start Soil Description: GRAY BROKEN CLAY
@ 2' " " "
@ 4' " " "
@ 6' " " "
@ 8' ROCK AND CLAYSTONE
@
@

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 #51-V-EXWA-01 soil / water
Progress Verification: ID SJ 30-5 #51-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 SOME STAINING AND SLIGHT SWEET
ODOR - SOIL LANDFARMED ON SITE - FLOOR SAMPLE COLLECTED
FROM SCRAPPINGS - HIT CLAYSTONE FLOOR AND ROCK WALLS
AT ABOVE DIMENSIONS?

Soil Shipped to:
Prepared by:



AMERICAN
WEST
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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 22, 1997
Date Received: October 29, 1997

Contact: Mark Harvey
Date Extracted: October 30, 1997
Date Analyzed: October 31, 1997

Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

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

Field Sample ID:
JICARILLA PIT REMEDIATION
SJ 30-5 #51-V-EXWA-01/85381/18:01

Lab Sample ID:
L31287-11

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	< 2.0

% Moisture

8.0%

* All compounds are reported on a dry weight basis.

Released By: _____

Laboratory Supervisor

Report Date: November 03, 1997

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Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

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

Field Sample ID:
JICARILLA PIT REMEDIATION
SJ 30-5 #51-V-EXFL-01/85381/18:09

Lab Sample ID:
L31287-12

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	< 2.0

% Moisture

7.0%

* All compounds are reported on a dry weight basis.

Released By: _____

Laboratory Supervisor

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ORGANIC ANALYSIS REPORT

Client: Williams Field Services
Date Sampled: November 20, 1997
Date Received: November 24, 1997

Analysis Requested:
Total Petroleum Hydrocarbons

Field Sample ID:
SJ 30-5 #51-V-LF-01 @ 15:35/35381 18 PPM
JICARILLA PIT REMEDIATION

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

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

Lab Sample ID:
L31589-8

Analytical Results

TPH-E

Units = mg/kg(ppm)

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Total Petroleum Hydrocarbons	2.0	< 2.0

% Moisture

12. %

* All compounds are reported on a dry weight basis.

Released By: Diane Baker
Laboratory Supervisor

Report Date: November 26, 1997

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LANDFARM