

Henry E. Frost
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 29-6 #1 (86042)
Location: Unit or Qtr/Qtr Sec A Sec 3 T 29 R 6 County Rio Arriba
PitType Dehydrator
LandType: STATE

Pit Location: Pit dimensions: length 30 ft., width 22 ft., depth 14 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 82 ft.

Direction from reference: 290 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)

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DIST. 3

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

Date Remediation Started: 10/23/97

Date Completed: 10/23/97

Remediation Method: Excavation ☒

Approx. Cubic Yard 342

(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 29-6 # 1-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 19 FEET

Sample date 10/25/97

Sample time 11:14

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) <0.40

Field Headspace (ppm)

TPH (ppm) 25

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

86042

Date: 10-23-97

Weather OVERCAST COOL 70's

Well Name SJ 29-6 #1 Operator PHILLIPS Sec 3 T 29 R 6 UL A

Land Type: BLM STATE FEE INDIAN

County RIO ARriba

One Call Made (505-765-1234)? ☒ Y ☐ N

Line Marking Evident? ☒ Y ☐ N

Pit Location:

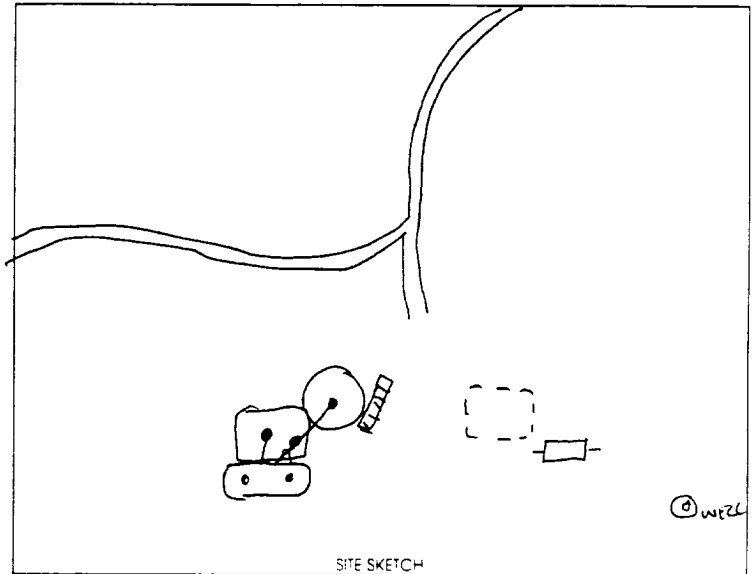
Reference Wellhead ☒ Other ☐

Distance from: 82'

Direction: 290° Degrees ☒ E ☐ N ☒
of
☐ W ☐ S

Starting Pit Dimensions 14 x 14 x 1

Final Pit Dimensions 30 x 22 x 14



Organic Vapor Readings: Start
@ 2'
@ 4'
@ 6'
@ 8'
@ 14'
@

Soil Description: BROKEN CLAY
 " "
 " "
 " "
 " "
 " "

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE

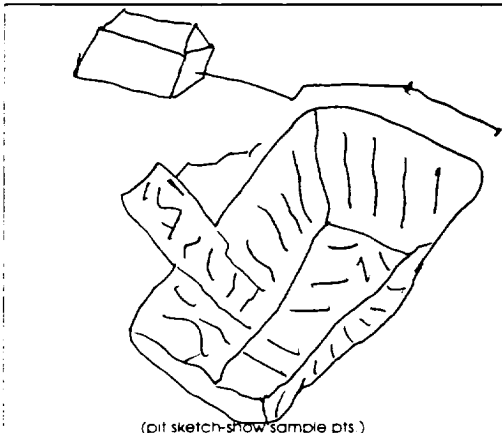
Arroyo, Wash, Lake, Stream NONE

Estimated or Known Distance to Ground Water > 100'

Source of Backfill (if other than processed material

Samples collected: Type Progress: Verification: ID SJ 29-6 #1-V-EXWA-01 soil / water
Progress: Verification: ID SJ 29-6 #1-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 MODERATE STAINING AND ODOR
MATERIAL LAND FARMED ON SITE ~

Soil Shipped to: ON SITE LANDFARM

Prepared by: Maul & M.L.



ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: October 25, 1997
Date Received: November 06, 1997

Contact: Mark Harvey
Date Extracted: November 07, 1997
Date Analyzed: November 07, 1997

Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

Method Ref. Number:
SW-846 #802078015 modified
(Extraction-Sequential GC/PID-FID)

Field Sample ID:
JICARILLA PIT REMEDIATION
SJ 29-6 #1-V-EXWA-01/11:02

Lab Sample ID:
L31415-6

Analytical Results

BTX/TPH-E

Units = mg/kg(ppm)

463 West 3600 South
Salt Lake City, Utah
84115

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

<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	2.0
Total Petroleum Hydrocarbons	2.0	260.

% Moisture

9.0%

* All compounds are reported on a dry weight basis.

Released By: Diana Baker

Laboratory Supervisor

Report Date: November 10, 1997

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ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: October 25, 1997
Date Received: November 06, 1997

Contact: Mark Harvey
Date Extracted: November 07, 1997
Date Analyzed: November 07, 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 29-6 #1-V-EXFL-01/11:14

Lab Sample ID:
L31415-2

463 West 3600 South
Salt Lake City, Utah
84115

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

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	25.

% Moisture

9.0%

* All compounds are reported on a dry weight basis.

Released By: 

Laboratory Supervisor

Report Date: November 10, 1997

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ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

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 29-6 #1-V-LF-01 @ 17:27/86042 4 PPM
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31589-16

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

69.

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

% Moisture

10.0%

* All compounds are reported on a dry weight basis.

Released By:

Diana B. Salk
Laboratory Supervisor

LANDFARM

Report Date: November 26, 1997

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