

Denny S. 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

Operator: Burlington Resources (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: WILMER CANYON #1 (86632)
Location: Unit or Qtr/Qtr Sec M Sec 24 T 32 R 8 County San Juan
PitType Dehydrator
LandType: STATE

Pit Location: Pit dimensions: length 17 ft., width 16 ft., depth 10 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 134 ft.

Direction from reference: 300 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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BTL 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: 10/30/97

Date Completed: 10/30/97

Remediation Method: Excavation ☒

Approx. Cubic Yard 101

(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 WILMER CANYON # 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 10 FEET

Sample date 10/30/97

Sample time 13:49

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) <0.40

Field Headspace (ppm)

TPH (ppm) 13

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

86637

Prepared by: Maul L. ML



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 30, 1997
Date Received: November 06, 1997

Contact: Mark Harvey
Date Extracted: November 07, 1997
Date Analyzed: November 08, 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
WILMER CANYON #1-V-EXFL-01/13:49

Lab Sample ID:
L31415-9

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	13.

% Moisture

9.0%

* All compounds are reported on a dry weight basis.

Released By: _____

Diana B. [Signature]
Laboratory Supervisor

Report Date: November 10, 1997

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ORGANIC ANALYSIS REPORT

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Contact: Mark Harvey
Date Extracted: November 07, 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
WILMER CANYON #1V-EXWA-01/13:40

Lab Sample ID:
L31415-12

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

0.17

Total Petroleum Hydrocarbons

2.0

39.

% Moisture

11.0%

* All compounds are reported on a dry weight basis.

Released By:

Diane Baker
Laboratory Supervisor

Report Date: November 10, 1997

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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:
WILMER CANYON #1-V-LF-01 @ 9:01/86632 41 PPM
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31589-19

Analytical Results

TPH-E

Units = mg/kg(ppm)

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Total Petroleum Hydrocarbons	2.0	56.

% Moisture

11.%

* All compounds are reported on a dry weight basis.

Released By:

Don Bala
Laboratory Supervisor

LAJO FARM

Report Date: November 26, 1997

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