

Denny E. Faust
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 1998

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator: Burlington Resources (Williams Field Services)

Telephone: (801) 584-6361

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

WellName: ALLISON # 22 A

(85792)

Location: Unit or Qtr/Qtr Sec C Sec 25 T 32 R 7 County San Juan

PitType Dehydrator

LandType: State

Pit Location: Pit dimensions: length 26 ft., width 24 ft., depth 10 ft.

(Attach diagram)

Reference: Wellhead

Footage from reference: 50 ft.

Direction from reference: 120 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)

RECEIVED
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Yes (20 points)

No (0 points) 0

OIL COAL DIV
DIST. 2

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: 11/4/97

Date Completed: 11/4/97

Remediation Method: Excavation ☒

Approx. Cubic Yard 231

(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 ALLISON # 22 A-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 11/5/97

Sample time 12:05

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) <0.40

Field Headspace (ppm)

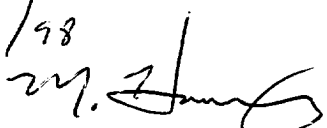
TPH (ppm) <2.0

Ground Water Sample: 0

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

DATE 3/7/98

SIGNATURE



PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

PIT RETIREMENT FORM

85792

Date: 11-4-97

Weather SUNNY 60'S

Well Name ALLISON #22 A Operator BURLINGTON

Sec 25 T 32 R 7 UL C

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: 50'

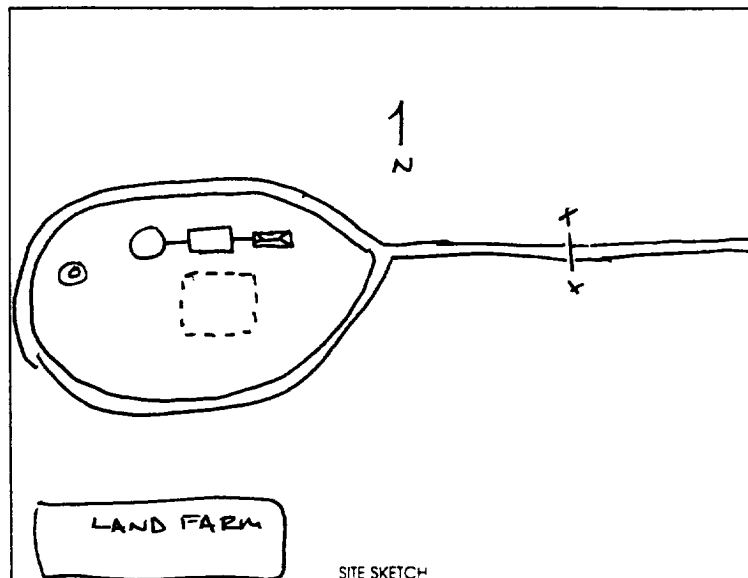
Direction: 120 Degrees X E N X

of

W S W

Starting Pit Dimensions 15 x 15 x 1

Final Pit Dimensions 26 x 24 x 10



Organic Vapor Readings: Start _____
 @ 2' _____
 @ 4' _____
 @ 6' _____
 @ 8' _____
 @ 10' _____
 @ _____

Soil Description: ROCKY CLAY AND SAND
 " " " "
 " " " "
 " " " "
 " " " "
CLAYSTONE

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

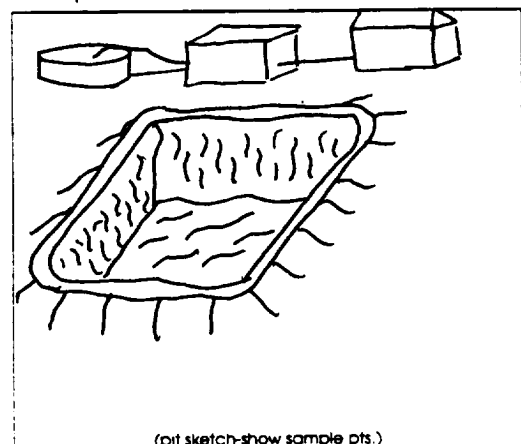
Arroyo, Wash, Lake, Stream > 500'

Estimated or Known Distance to Ground Water > 100'

Source of Backfill (if other than processed material) _____

Samples collected: Type Progress: Verification ID ALLISON #22 A.V.EXWA.01 (soil) / water
 Progress: Verification ID ALLISON #22 A.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 EXTENSIVE ROCK AND CLAY
CONTENT - SITE HAD SLIGHT STAINING AND LITTLE
TO NO ODOR - SOIL LANDFARM ON SITE - 4FT
CLAYSTONE FLOOR AT TEN FEET - FLOOR SAMPLES
TAKEN FROM FLOOR SCRAPINGS

Soil Shipped to: ON SITE LANDFARM

Prepared by: M. L. & M. L.



ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: November 05, 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:
ALLISTON #22 A-V-EXWA-01 @ 11:57/85792
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31468-17

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

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
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: November 05, 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:
ALLISTON #22 A-V-EXFL-01 @ 12:05/85792
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31468-18

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:

Dan Belton
Laboratory Supervisor

Report Date: November 19, 1997

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ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

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:
ALLISON 22A-V-LF-01 @ 13:05/85792 34 PPM
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31589-29

Analytical Results

TPH-E

Units = mg/kg(ppm)

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Total Petroleum Hydrocarbons	2.0	6.1

463 West 3600 South
Salt Lake City, Utah
84115

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

% Moisture

9.0%

* All compounds are reported on a dry weight basis.

Released By: Dean Bala
Laboratory Supervisor

Report Date: November 26, 1997

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