

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

Energy, Minerals and Natural Resources Department

JUN 23 1998

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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: SJ 30-6 # 34 (86398)
Location: Unit or Qtr/Qtr Sec M Sec 10 T 30 R 6 County Rio Arriba
PitType Dehydrator
LandType: State

Pit Location: Pit dimensions: length 13 ft., width 14 ft., depth 6 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 70 ft.

Direction from reference: 120 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:
(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)

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Yes (20 points)
No (0 points) 0

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 40

(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 30-6 # 34-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 6 FEET

Sample date 10/23/97

Sample time 17:40

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

86398

Date: 10-23-97

Weather: SUNNY 60'S

Well Name SJ 30-6 #34 Operator BURLINGTON

Sec 10 T 30 R 6 UL M

Land Type: BLM STATE FEE INDIAN

County RIO ARIBA

One Call Made (505-765-1234)? ☒ Y ☐ N

Line Marking Evident? ☒ Y ☐ N

Pit Location:

Reference Wellhead ☒ X Other ☐

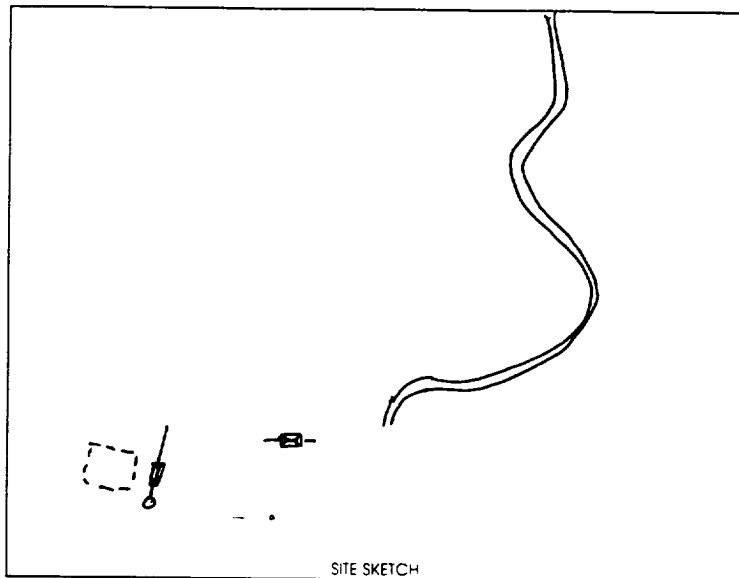
Distance from: 70'

Direction: 120 Degrees ☒ E ☐ N ☒

of
W S

Starting Pit Dimensions 13 x 13 x 1

Final Pit Dimensions 13 x 14 x 6



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

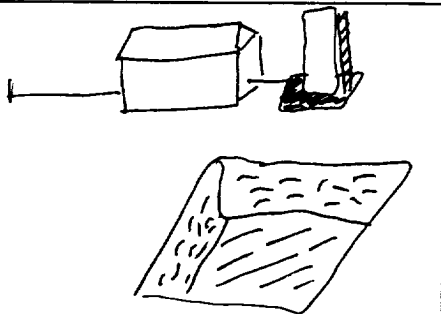
Soil Description: BROKEN CLAY
" "
" "
" "

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE
 Arroyo, Wash, Lake, Stream ~ 300'
 Estimated or Known Distance to Ground Water ~~600'~~ > 100'

Source of Backfill (if other than processed material)

Samples collected: Type Progress: Verification ID SJ 30-6 #34-V-EXWA-01 ☒ soil water
 Progress: Verification ID SJ 30-6 #34-V-EXFL-01 ☒ soil water
 Progress: Verification: ID soil / water

Sample sent to Lab Via: Courier Hand Carried Other Preservative: ICE Other



(pit sketch-show sample pts.)

Comments: SITE ~ 300' FROM WASH DOWN ROCKY CLIFF/SLOPE.
EXCAVATION VERY ROCKY AND STOPPED AT ABOVE DIMENSIONS-
DUE TO BEDROCK

Soil Shipped to: ON SITE LANDFARM

Prepared by: Mark L. Mpl.



ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: October 23, 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 30-6 #34-V-EXWA-01/86398/17:33

Lab Sample ID:
L31287-15

463 West 3600 South
Salt Lake City, Utah
84115

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

6.0%

* All compounds are reported on a dry weight basis.

Released By: 

Laboratory Supervisor

Report Date: November 03, 1997

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ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: October 23, 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 30-6 #34-V-EXFL-01/86398/17:40

Lab Sample ID:
L31287-16

463 West 3600 South
Salt Lake City, Utah
84115

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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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 30-6 #34-V-LF-01 @ 17:00/86398 11 PPM
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31589-14

Analytical Results

TPH-E

Units = mg/kg(ppm)

Compound:

Reporting
Limit:

Amount
Detected:

Total Petroleum Hydrocarbons

2.0

< 2.0

463 West 3600 South
Salt Lake City, Utah
84115

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

% Moisture

7.0%

* All compounds are reported on a dry weight basis.

Released By


Laboratory Supervisor

LANDFARM

Report Date: November 26, 1997

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