

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

JUN 23 1998

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: SJ 30-6 # 28 A (85148)
Location: Unit or Qtr/Qtr Sec J Sec 33 T 30 R 6 County San Juan
PitType Dehydrator
LandType: STATE

Pit Location: Pit dimensions: length 22 ft., width 20 ft., depth 18 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 110 ft.

Direction from reference: 0 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)

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 293

(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 # 28 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 18 FEET

Sample date 10/25/97

Sample time 12:22

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) 2.2

Field Headspace (ppm)

TPH (ppm) 140

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

85148

Date: 10-23-97Weather SUNNY 60'sWell Name SJ 30-6 #28 A Operator BURLINGTONSec 33 T 30N R 6W UL J

Land Type: BLM STATE FEE INDIAN

County SAN JUAN

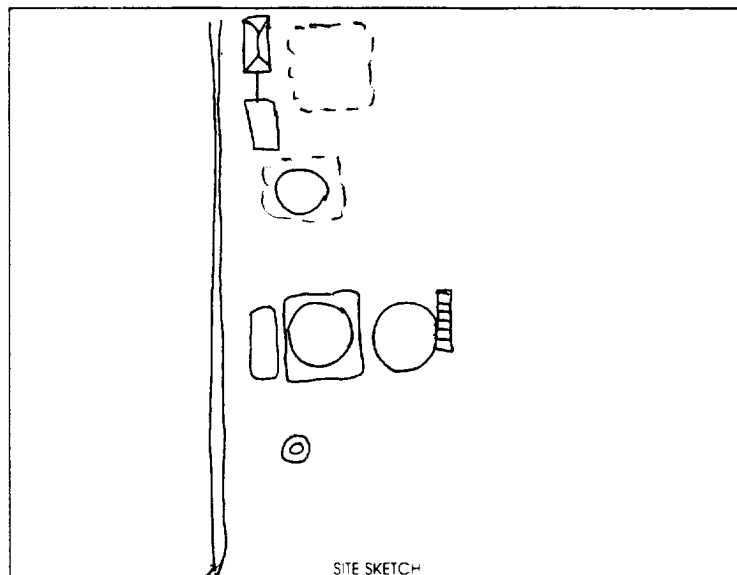
One Call Made (505-765-1234)?

(Y) N

Line Marking Evident?

(Y) N

Pit Location:

Reference Wellhead X Other _____Distance from: 110'Direction: 0 Degrees X E N Xof
W SStarting Pit Dimensions 18 x 17 x 3Final Pit Dimensions 22 x 20 x 18

Organic Vapor Readings:

Start _____

Soil Description: _____

@ 2' _____

@ 4' _____

@ 6' _____

@ 8' _____

@ 12' _____

@ 18' _____

SILTY CLAY

" "

" "

" "

" "

" "

" "

Well Proximity To: Residence, Domestic Water Well, Stock Well NONEArroyo, Wash, Lake, Stream > 1,000'Estimated or Known Distance to Ground Water > 100'

Source of Backfill (if other than processed material) _____

Samples collected: Type

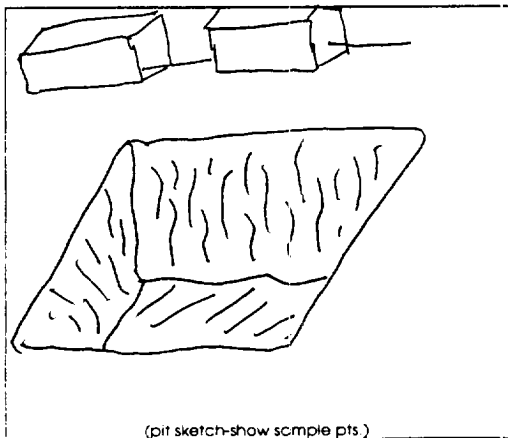
Progress: Verification:ID SJ 30-6 #28A.V.EXWA.01(soil) / waterProgress: Verification:ID SJ 30-6 #28A.V.EXFL.01(soil) / water

Progress: Verification:

ID _____ soil / water

Sample sent to Lab Via: Courier

Hand Carried Other _____ Preservative: ICE Other _____

Comments: SITE HAD LITTLE TO NO STAINING OR ODOR
NEW TANK IN PLACESoil Shipped to: ON SITE LANDFARMPrepared by: Wendy Z. M.L.



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 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 30-6 #28A-V-EXWA-01/12:15

Lab Sample ID:
L31415-3

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	3.3
Total Petroleum Hydrocarbons	2.0	210.

% Moisture

10.%

* 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: October 25, 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
SJ 30-6 #28A-V-EXFL-01/12:22

Lab Sample ID:
L31415-7

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	2.2
Total Petroleum Hydrocarbons	2.0	140.

% Moisture

10. %

* All compounds are reported on a dry weight basis.

Released By: Dan Bahr
Laboratory Supervisor

Report Date: November 10, 1997

1 of 1



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:
SI 30-6 #28A-V-LF-01 @ 17:16/85148 16 PPM
PICARILLA PIT REMEDIATION

Lab Sample ID:
L31589-15

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

TPH-E

Units = mg/kg(ppm)

Compound:

Reporting
Limit:

Amount
Detected:

Total Petroleum Hydrocarbons

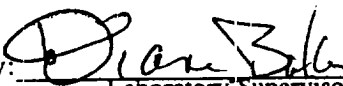
2.0

36.

% Moisture

11.%

* All compounds are reported on a dry weight basis.

Released By: 
Laboratory Supervisor

Report Date: November 26, 1997

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