

*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: Phillips Petroleum (Williams Field Services) Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: SJ 32-8 # 40 ( 85255 )  
Location: Unit or Qtr/Qtr Sec M Sec 33 T 32 R 8 County San Juan  
PitType Dehydrator  
LandType: STATE

Pit Location: Pit dimensions: length 29 ft., width 17 ft., depth 8 ft.  
(Attach diagram)

Reference: Wellhead

Footage from reference: 95 ft.

Direction from reference: 270 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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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: 10/30/97

Date Completed: 10/30/97

Remediation Method: Excavation ☒

Approx. Cubic Yard 146

(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 32-8 # 40-V-EXFL-01

Closure Sampling:

Two samples were collected, one sample from the excavation bottom and the second sample was made up of 4 points from each excavation wall.

(if multiple samples, attach  
sample results and diagram  
of sample locations and  
depths)

Sample depth 8 FEET

Sample date 10/30/97

Sample time 12:30

Sample Result

Benzene (ppm) &lt;0.10

Total BTEX (ppm) &lt;0.40

Field Headspace (ppm)

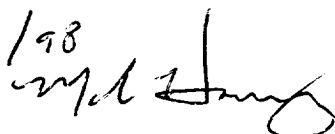
TPH (ppm) &lt;2.0

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

Date: 10.30.97

85255

Weather SUNNY 60'S

Well Name SJ 32-8 #40 Operator PHILLIPS

Sec 33 T 32 R 8 UL M

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 ☒ Other ☐

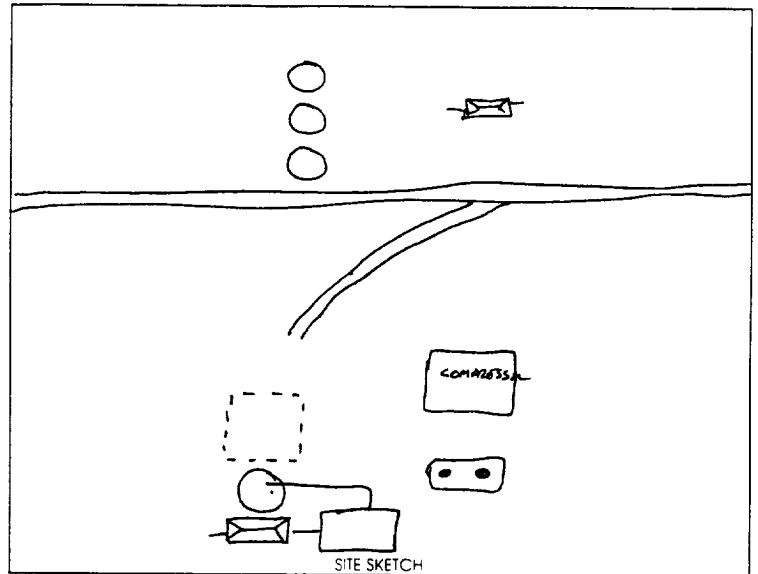
Distance from: 95

Direction: 270 Degrees ☒ E ☐ N ☒

of  
W S

Starting Pit Dimensions 14 x 14 x 2

Final Pit Dimensions 29 x 17 x 8



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

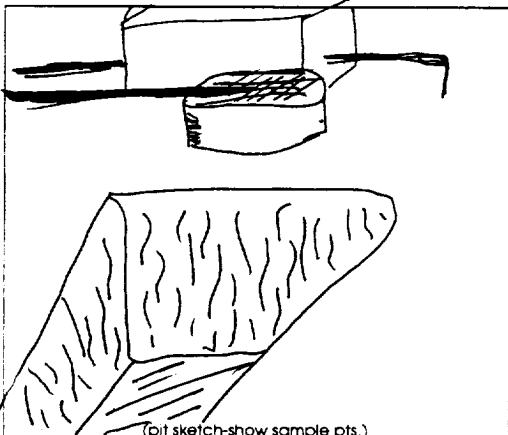
Soil Description: SILTY CLAY  
" "  
" "  
" "  
" "  
" "  
" "

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE  
Arroyo, 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 32-8 #40.V.EXWA.01 soil water  
Progress: Verification: ID SJ 32-8 #40.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 - NO  
SIGNIFICANT ODOR - SOIL SHREDDED AND FARMED ON  
SITE

Soil Shipped to: ON SITE LAND FARM

Prepared by: Michael L. M/L



## ORGANIC ANALYSIS REPORT

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

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 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 32-8 #40-V-EXWA-01/12:20

Lab Sample ID:  
L31415-4

### Analytical Results

### BTX/TPH-E

Units = mg/kg(ppm)

463 West 3600 South  
Salt Lake City, Utah  
84115

<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

(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: Diana Bick  
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 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  
SJ 32-8 #40-V-EXFL-01/12:30

Lab Sample ID:  
L31415-8

### 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 10, 1997

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AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

## 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:  
SJ 32-8 #40-V-LF-01 @ 8:40/85255 6 PPM  
JICARILLA PIT REMEDIATION

Lab Sample ID:  
L31589-18

### 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

15. %

\* All compounds are reported on a dry weight basis.

Released By: Diane Bala  
Laboratory Supervisor

LANO FARM

Report Date: November 26, 1997

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