

District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.O. Drawer DD, Artesia, NM 88211  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Non-Vulnerable  
BTEX

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

(Revised 3/9/94)

## PIT REMEDIATION AND CLOSURE REPORT

Operator: CONOCO INC. Telephone: 505-324-5813

Address: 3315 Bloomfield HWY. FARMINGTON N.M. 87401

Facility Or: SAN JUAN 28-7 # 178  
Well Name

Location: Unit or qtr/qtr sec P sec 31 T 28N R 7W County SAN JUAN

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒, State ☐, Fee ☐, Other ☐

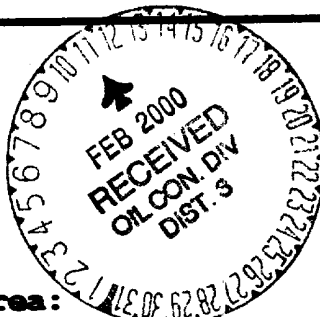
Pit Location: Pit dimensions: length 8', width 8', depth 4'  
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 60'

Direction from reference: 82 Degrees ☒ East North ☐  
of  
☐ West South ☐

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) <u>0</u> |

Wellhead Protection Area:  
(Less than 200 feet from a private  
domestic water source, or; less than  
1000 feet from all other water sources)

|     |                     |
|-----|---------------------|
| Yes | (20 points)         |
| No  | (0 points) <u>0</u> |

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 1000 feet  | (10 points)         |
| Greater than 1000 feet | (0 points) <u>0</u> |

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 9-7-99 Date Completed: 9-9-99

Remediation Method: Excavation \_\_\_\_\_ Approx. cubic yards \_\_\_\_\_  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
Other \_\_\_\_\_

Remediation Location: Onsite \_\_\_\_\_ Offsite \_\_\_\_\_  
(ie. landfarmed onsite,  
name and location of  
offsite facility)

General Description Of Remedial Action: SAMPLE TAKEN, Hit Bed Rock 2 1/2' IN  
off of Bottom, Till Bottom of Pit 1, Level out Set. 25 P. + Tnk.

Ground Water Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit:

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

Sample location CENTER OF Pit.

Sample depth 6 1/2'

Sample date 9-3-99 Sample time 1429

Sample Results

Benzene (ppm) 1.310

Total BTEX (ppm) 57.220

Field headspace (ppm) 232

TPH 434

Ground Water Sample: Yes \_\_\_\_\_ No ☒ (If yes, attach sample results)

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

DATE 12-1-99

SIGNATURE Judson Valdez

PRINTED NAME AND TITLE Judson Valdez P.L.

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

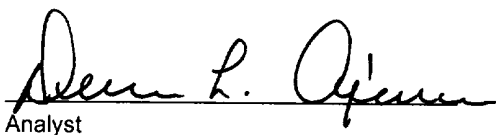
|                      |                 |                     |            |
|----------------------|-----------------|---------------------|------------|
| Client:              | Conoco          | Project #:          | 707003-093 |
| Sample ID:           | Sep - Grab      | Date Reported:      | 09-08-99   |
| Laboratory Number:   | G048            | Date Sampled:       | 09-03-99   |
| Chain of Custody No: | 7124            | Date Received:      | 09-07-99   |
| Sample Matrix:       | Soil            | Date Extracted:     | 09-08-99   |
| Preservative:        | Cool            | Date Analyzed:      | 09-08-99   |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH   |

| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | 413                      | 0.2                      |
| Diesel Range (C10 - C28)     | 20.8                     | 0.1                      |
| Total Petroleum Hydrocarbons | 434                      | 0.2                      |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: San Juan 28 - 7 # 178. OVM Reading 232. Hit Bed Rock 2.5' In.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

|                    |               |                     |            |
|--------------------|---------------|---------------------|------------|
| Client:            | Conoco        | Project #:          | 707003-093 |
| Sample ID:         | Sep - Grab    | Date Reported:      | 09-08-99   |
| Laboratory Number: | G048          | Date Sampled:       | 09-03-99   |
| Chain of Custody:  | 7124          | Date Received:      | 09-07-99   |
| Sample Matrix:     | Soil          | Date Analyzed:      | 09-08-99   |
| Preservative:      | Cool          | Date Extracted:     | 09-08-99   |
| Condition:         | Cool & Intact | Analysis Requested: | BTEX       |

| Parameter    | Concentration<br>(ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene      | 1,310                    | 8.8                      |
| Toluene      | 3,490                    | 8.4                      |
| Ethylbenzene | 11,140                   | 7.6                      |
| p,m-Xylene   | 27,480                   | 10.8                     |
| o-Xylene     | 13,800                   | 5.2                      |
| Total BTEX   | 57,220                   |                          |

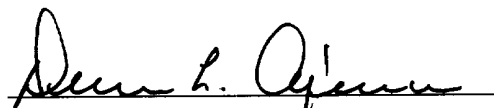
ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter          | Percent Recovery |
|-----------------------|--------------------|------------------|
|                       | Trifluorotoluene   | 100 %            |
|                       | Bromofluorobenzene | 100 %            |

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: San Juan 28 - 7 # 178. OVM Reading 232. Hit Bed Rock 2.5' In.

  
Analyst

  
Review

7124

**ENVIROTECH INC.**

5796 U.S. Highway 64  
Farmington, New Mexico 87401  
(505) 632-0615

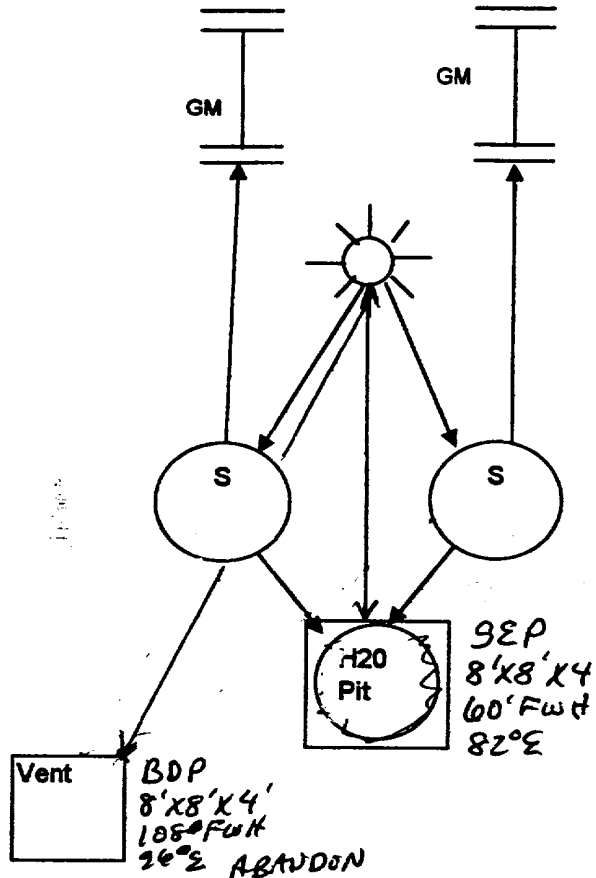
Lease Name: San Juan 28-7 #1, 8

Operator: SM

Date: 8/21/98 9-3-99

Site Security  
(Indicate North)

→ N



Lease Name: San Juan 28-7 #178  
Federal/ Indian Lease No: SF 078500A  
CA No.: NA  
Unit: P  
Legal Description: Sect: 31 TP: 28N R: 7W  
County: Rio Arriba, NM

Load line valves :  
Sealed during Production

Drain line valves :  
Sealed during Production

Production Line valve:  
Sealed during sales

This lease is subject to the site security plan for  
San Juan Basin Operations. The plan is located at:  
Conoco Inc.  
3315 Bloomfield Hwy  
Farmington, NM