

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

OK 12/16/04  
Submit 1 copy to  
appropriate  
District Office  
and 1 copy to  
the Santa Fe Office

Revised June 10, 2003

**PIT REMEDIATION AND CLOSURE REPORT**

|                                                                                                                                                                                                                                                                                                       |                        |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| Operator: <u>ConocoPhillips Company</u> Telephone: <u>(505) 599-3400</u>                                                                                                                                                                                                                              |                        |                      |
| Address: <u>5525 Hwy. 64 Farmington, NM 87401</u>                                                                                                                                                                                                                                                     |                        |                      |
| Facility Or: <u>State Com AF # 28 E</u> API #: <u>30-045-23743</u>                                                                                                                                                                                                                                    |                        |                      |
| Well Name _____                                                                                                                                                                                                                                                                                       |                        |                      |
| Location: Unit or Qtr/Qtr Sec <u>I</u> Sec <u>36</u> T <u>29N</u> R <u>10W</u> County <u>San Juan</u>                                                                                                                                                                                                 |                        |                      |
| Pit Type: Separator <u>X</u> Dehydrator _____ Other _____                                                                                                                                                                                                                                             |                        |                      |
| Land Type: BLM _____, State <u>X</u> , Fee _____ Other _____                                                                                                                                                                                                                                          |                        |                      |
| Pit Location: Pit dimensions: length <u>20'</u> , width <u>20'</u> , depth <u>2'</u><br>(Attach diagram)<br>Reference: wellhead <u>X</u> , other _____<br>Footage from reference: <u>90'</u><br>Direction from reference: <u>20</u> Degrees <u>X</u> East North _____<br>of _____ West South <u>X</u> |                        |                      |
| Depth To Ground Water<br>(Vertical distance from<br>contaminants to seasonal<br>high water elevation of<br>ground water.)                                                                                                                                                                             | Less than 50 feet      | (20 points)          |
|                                                                                                                                                                                                                                                                                                       | 50 feet to 99 feet     | (10 points)          |
| Wellhead Protection Area:<br>(Less than 200 feet from a private<br>domestic water source, or; less than<br>1000 feet from all other water sources.)                                                                                                                                                   | Greater than 100 feet  | ( 0 points) <u>0</u> |
|                                                                                                                                                                                                                                                                                                       | Yes                    | (20 points)          |
| Distance To Surface Water:<br>(Horizontal distance to perennial<br>lakes, ponds, rivers, streams, creeks,<br>irrigation canals and ditches.)                                                                                                                                                          | No                     | ( 0 points) <u>0</u> |
|                                                                                                                                                                                                                                                                                                       | Less than 200 feet     | (20 points)          |
| RANKING SCORE (TOTAL POINTS):                                                                                                                                                                                                                                                                         | 200 feet to 1000 feet  | (10 points)          |
|                                                                                                                                                                                                                                                                                                       | Greater than 1000 feet | ( 0 points) <u>0</u> |
| RANKING SCORE (TOTAL POINTS):                                                                                                                                                                                                                                                                         |                        | <u>0 pts.</u>        |

Date Remediation Started: 7/7/04 Date completed: 7/7/04

Remediation Method: Excavation N/A Approx. cubic yards N/A  
(Check all appropriate sections.) Landfarmed N/A Insitu Bioremediation N/A  
Other N/A

Remediation Location: Onsite N/A Offsite N/A  
(i.e. landfarmed onsite,  
name and location of  
offsite facility)

General Description of Remedial Action: \_\_\_\_\_

A soil sample was extracted at 4-ft below ground level at refusal (2-ft. below pit bottom). The sample was  
analyzed for GRO/DRO and BTEX analysis. All analyses were within BLM and NMOCD requirements.

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

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

Sample location Center of pit, 4-ft below surface level (2-ft. below pit bottom)

Sample depth 2-ft. below pit bottom at refusal

Sample Date 7/7/04 Sample time 09:00

Sample Results

Benzene(ppm) Non-Detect

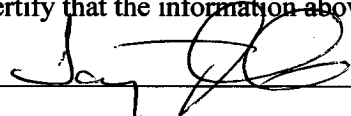
Total BTEX(ppm) 0.0435

Field headspace(ppm) N/A

TPH 2,160 ppm

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

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature  Date 12/8/04

Printed Name Larry Trujillo Title Environmental Specialist

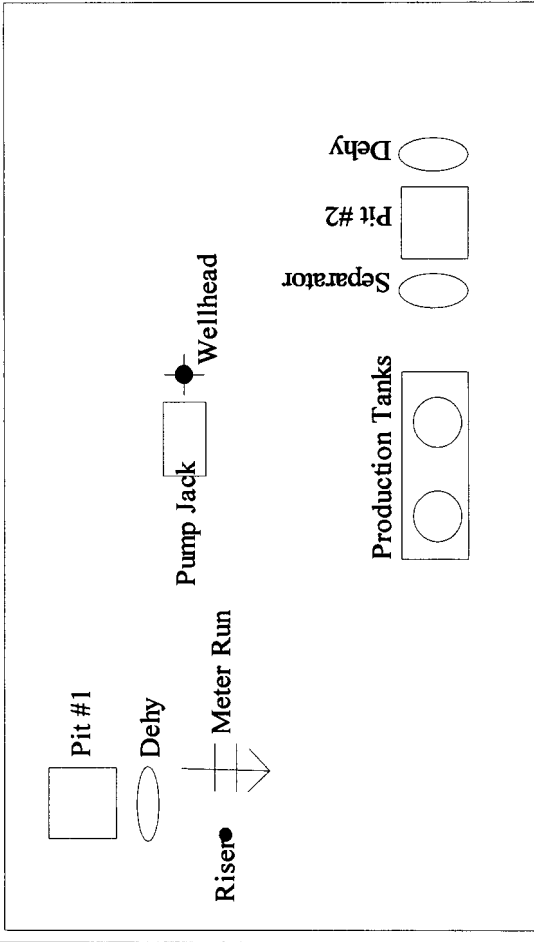
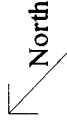
E-mail Address fmc\_d\_best@hotmail.com

|                               |                                     |                     |                           |
|-------------------------------|-------------------------------------|---------------------|---------------------------|
| Location:                     | State Com AF #28E                   |                     |                           |
| Footages:                     | 1460' FSL & 1100' FEL               |                     |                           |
| Unit Letter:                  | I                                   | Sec. 36             | Twn. 29N Rng 10W          |
| Latitude:                     | 36° 40' 45" N                       |                     | Longitude: 107° 49' 54" W |
| Lease Num.                    | B 11017-34                          |                     | Land Type: State          |
| Pit Type:                     | Separator Pit                       |                     |                           |
| Pit Reference                 |                                     |                     |                           |
| Reference:                    | wellhead                            | Footage:            | 90'                       |
| Direction:                    | N or (S)                            | 20 Degrees (E) or W |                           |
| Initial size:                 | 20' x 20' x 2' = 800ft <sup>3</sup> |                     |                           |
| Final Size:                   | 20' x 20' x 2' = 800ft <sup>3</sup> |                     |                           |
| Total Cubic Yards:            | 0 yd <sup>3</sup>                   |                     |                           |
| Distances from (ft):          |                                     |                     |                           |
| Groundwater:                  | > 100ft.                            |                     |                           |
| Wellhead Protection Area:     | No                                  |                     |                           |
| Nearest Surface Water:        | > 1000ft.                           |                     |                           |
| Distance to ephemeral stream: | N/A                                 |                     |                           |
| (Navajo/Jicarilla only)       |                                     |                     |                           |
| Ranking Score (points):       | 0 pts.                              |                     |                           |

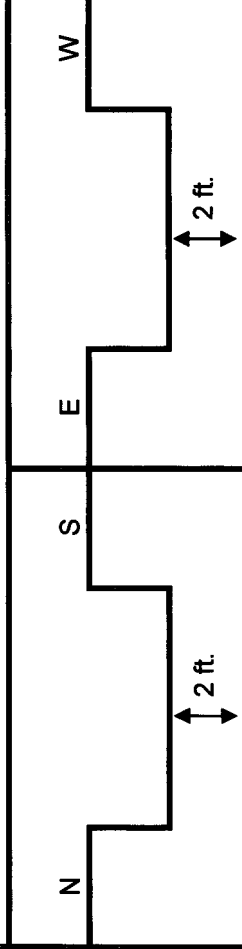
| Sample ID | Description | OVM Reading |
|-----------|-------------|-------------|
| 1         |             |             |
| 2         |             |             |
| 3         |             |             |
| 4         |             |             |
| 5         |             |             |
| 6         |             |             |
| 7         |             |             |
| 8         |             |             |
| 9         |             |             |
| 10        |             |             |

|           |                               |
|-----------|-------------------------------|
| Comments: | Hit bedrock at two feet down. |
| Tests:    |                               |

## Site Diagram:

State Com AF #28E  
Not to Scale

Not to Scale



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

|                    |                |                     |               |
|--------------------|----------------|---------------------|---------------|
| Client:            | ConocoPhillips | Project #:          | 96052-026-115 |
| Sample ID:         | Pit #1         | Date Reported:      | 07-13-04      |
| Laboratory Number: | 29494          | Date Sampled:       | 07-07-04      |
| Chain of Custody:  | 12542          | Date Received:      | 07-07-04      |
| Sample Matrix:     | Soil           | Date Analyzed:      | 07-12-04      |
| Preservative:      | Cool           | Date Extracted:     | 07-08-04      |
| Condition:         | Cool & Intact  | Analysis Requested: | BTEX          |

| Parameter    | Concentration<br>(ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene      | 26.5                     | 1.8                      |
| Toluene      | 836                      | 1.7                      |
| Ethylbenzene | 172                      | 1.5                      |
| p,m-Xylene   | 809                      | 2.2                      |
| o-Xylene     | 317                      | 1.0                      |
| Total BTEX   | 2,160                    |                          |

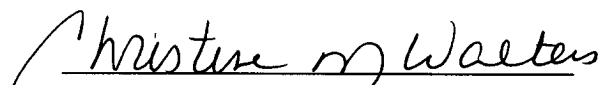
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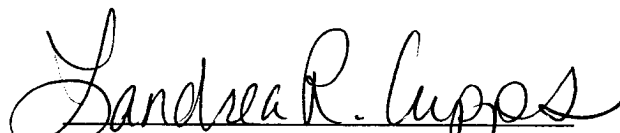
| Surrogate Recoveries: | Parameter           | Percent Recovery |
|-----------------------|---------------------|------------------|
|                       | Fluorobenzene       | 99 %             |
|                       | 1,4-difluorobenzene | 99 %             |
|                       | Bromochlorobenzene  | 99 %             |

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: State Com AF #28E.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

|                    |                |                     |               |
|--------------------|----------------|---------------------|---------------|
| Client:            | ConocoPhillips | Project #:          | 96052-026-115 |
| Sample ID:         | Pit #2         | Date Reported:      | 07-13-04      |
| Laboratory Number: | 29495          | Date Sampled:       | 07-07-04      |
| Chain of Custody:  | 12542          | Date Received:      | 07-07-04      |
| Sample Matrix:     | Soil           | Date Analyzed:      | 07-12-04      |
| Preservative:      | Cool           | Date Extracted:     | 07-08-04      |
| Condition:         | Cool & Intact  | Analysis Requested: | BTEX          |

| Parameter    | Concentration<br>(ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene      | ND                       | 1.8                      |
| Toluene      | 10.9                     | 1.7                      |
| Ethylbenzene | 12.7                     | 1.5                      |
| p,m-Xylene   | 10.2                     | 2.2                      |
| o-Xylene     | 9.7                      | 1.0                      |
| Total BTEX   | 43.5                     |                          |

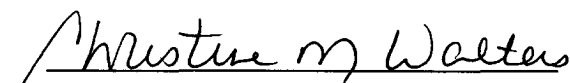
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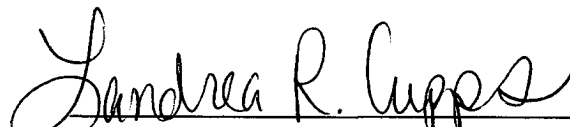
| Surrogate Recoveries: | Parameter           | Percent Recovery |
|-----------------------|---------------------|------------------|
|                       | Fluorobenzene       | 99 %             |
|                       | 1,4-difluorobenzene | 99 %             |
|                       | Bromochlorobenzene  | 99 %             |

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

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