

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

Submit 1 copy to  
appropriate  
District Office  
and 1 copy to  
the Santa Fe Office

Revised June 10, 2003

OK  
12/22/04  
Wg7

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: ConocoPhillips Company Telephone: (505) 599-3400

Address: 5525 Hwy. 64 Farmington, NM 87401

Facility Or: State Com F #1a API #: 3004522943

Well Name

Location: Unit or Qtr/Qtr Sec P Sec 36 T 32N R 12W County San Juan

Pit Type: Separator        Dehydrator X Other       

Land Type: BLM       , State X, Fee        Other       

Pit Location: Pit dimensions: length 10', width 10', depth 2'

(Attach diagram)

Reference: wellhead X, other       

Footage from reference: 96'

Direction from reference: 30 Degrees        East North         
of  
       West South X

Depth To Ground Water:  
(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water.)

Less than 50 feet  
50 feet to 99 feet  
Greater than 100 feet

(20 points)  
(10 points)  
( 0 points) 0

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

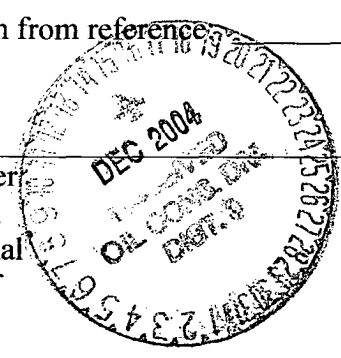
Yes (20 points)  
No ( 0 points) 0

Distance To Surface Water:  
(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches.)

Less than 200 feet  
200 feet to 1000 feet  
Greater than 1000 feet

(20 points)  
(10 points)  
( 0 points) 0

RANKING SCORE (TOTAL POINTS): 0 pts.



Date Remediation Started: \_\_\_\_\_ Date completed: \_\_\_\_\_

Remediation Method: Excavation N/A Approx. cubic yards \_\_\_\_\_

(Check all appropriate sections.)

Landfarmed N/A

Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location: Onsite \_\_\_\_\_ Offsite \_\_\_\_\_

(i.e. landfarmed onsite,  
name and location of  
offsite facility)

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

A soil sample was extracted at 5-ft below ground level (2-ft. below pit bottom) in the center of the pit.

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, 5-ft below surface level (3-ft. below pit bottom)

Sample depth 3-ft. below pit bottom

Sample Date 8/18/04 Sample time 16:00

Sample Results #1

Benzene(ppm) Non Detect

Total BTEX(ppm) Non Detect

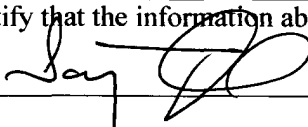
Field headspace(ppm) 12.8

TPH Non Detect

Yes \_\_\_\_\_ No X (If yes, attach sample results)

Ground Water Sample:

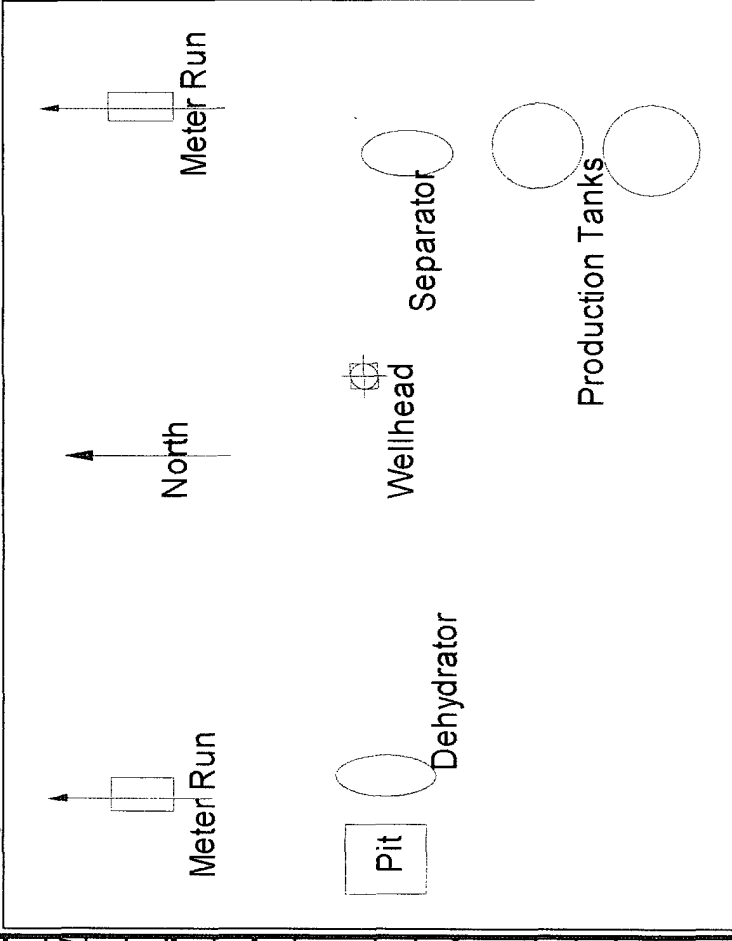
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature  Date 9/14/04

Printed Name Larry Trujillo Title Environmental Specialist

E-mail Address fmcd\_best@hotmail.com

Site Diagram:



Not to Scale

|                               |                          |
|-------------------------------|--------------------------|
| Footages:                     |                          |
| Unit Letter: P                | Sec. 36 Twn. 32N Rng 12W |
| Latitude: N36.94002           | Longitude: W-108.04574   |
| Lease Num. ST E 51521         | Land Type: State         |
| Pit Type: Dehydrator          |                          |
| Pit Reference                 |                          |
| Reference: Wellhead           | Footage: 96-ft           |
| Direction: N or S             | 30 Degrees E or W        |
| Initial size:                 | 10' X 10' X 2' deep      |
| Final Size:                   | 10' X 10' X 2' deep      |
| Total Cubic Yards:            | 0                        |
| Distances from (ft):          |                          |
| Groundwater:                  | >100-ft                  |
| Wellhead Protection Area:     | >1000-ft                 |
| Nearest Surface Water:        | >1000-ft                 |
| Distance to ephemeral stream: | N/A                      |
| (Navajo/Jicarilla only)       |                          |
| Ranking Score (points):       | 0                        |

| Sample ID | Description        | OVM Reading |
|-----------|--------------------|-------------|
| 1         | ctr@3-ft below pit | 12.8 ppm    |
| 2         | bottom             |             |
| 3         |                    |             |
| 4         |                    |             |
| 5         |                    |             |
| 6         |                    |             |
| 7         |                    |             |
| 8         |                    |             |
| 9         |                    |             |
| 10        |                    |             |

Comments:  
 Soil is brown sandy/calvey loam. No H-C odor or staining

N S E W

EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

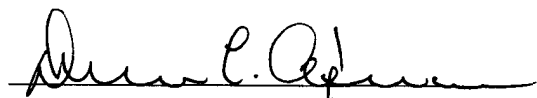
|                      |                 |                     |               |
|----------------------|-----------------|---------------------|---------------|
| Client:              | ConocoPhillips  | Project #:          | 96052-026-123 |
| Sample ID:           | State Com F #1A | Date Reported:      | 08-23-04      |
| Laboratory Number:   | 30171           | Date Sampled:       | 08-18-04      |
| Chain of Custody No: | 12412           | Date Received:      | 08-19-04      |
| Sample Matrix:       | Soil            | Date Extracted:     | 08-21-04      |
| Preservative:        | Cool            | Date Analyzed:      | 08-22-04      |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH      |

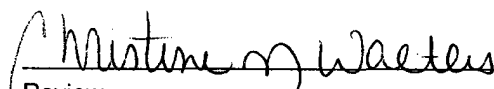
| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | ND                       | 0.2                      |
| Diesel Range (C10 - C28)     | ND                       | 0.1                      |
| Total Petroleum Hydrocarbons | ND                       | 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: **State Com. F #1A.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

|                    |                 |                     |               |
|--------------------|-----------------|---------------------|---------------|
| Client:            | ConocoPhillips  | Project #:          | 96052-026-123 |
| Sample ID:         | State Com F #1A | Date Reported:      | 08-23-04      |
| Laboratory Number: | 30171           | Date Sampled:       | 08-18-04      |
| Chain of Custody:  | 12412           | Date Received:      | 08-19-04      |
| Sample Matrix:     | Soil            | Date Analyzed:      | 08-22-04      |
| Preservative:      | Cool            | Date Extracted:     | 08-21-04      |
| Condition:         | Cool & Intact   | Analysis Requested: | BTEX          |

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

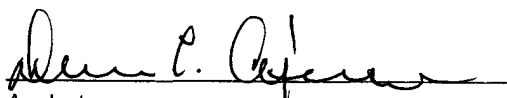
ND - Parameter not detected at the stated detection limit.

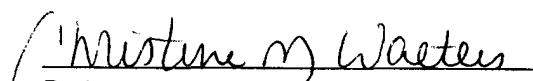
| Surrogate Recoveries: | Parameter           | Percent Recovery |
|-----------------------|---------------------|------------------|
|                       | Fluorobenzene       | 98 %             |
|                       | 1,4-difluorobenzene | 98 %             |
|                       | Bromochlorobenzene  | 98 %             |

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. F #1A.

  
Analyst

  
Review