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

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OIL CONS. DIV.
DIST. 3

# PIT REMEDIATION AND CLOSURE REPORT

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

Address: 5525 Hwy. 64 Farmington, NM 87401

Facility Or: Schlosser Wn Fed #8E API # :30-045-24119
Well Name

Location: Unit or Qtr/Qtr Sec F Sec 27 T 28N R 11W County San Juan

Pit Type: Separator X Dehydrator _____ Other _____

Land Type: BLM X, State _____, Fee _____ Other _____

Pit Location: Pit dimmensions: length 30', width 30', depth 6'
(Attach diagram)

Reference: wellhead X, other _____

Footage from reference: 85'

Direction from reference: 45 Degrees _____ East North X of X West South _____

| | | |
|---|---|---|
| Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.) | Less than 50 feet<br>50 feet to 99 feet<br>Greater than 100 feet | (20 points)<br>(10 points)<br>( 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<br>No | (20 points)<br>( 0 points) 0 |
| Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.) | Less than 200 feet<br>200 feet to 1000 feet<br>Greater than 1000 feet | (20 points)<br>(10 points)<br>( 0 points) 0 |
| | RANKING SCORE (TOTAL POINTS): | 0 pts. |

Date Remediation Started: 1/6/04 Date completed: 1/6/04

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

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

General Description of Remedial Action: _____

A soil sample was extracted at 9-ft below ground level (3-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, 9-ft below surface level (3-ft. below pit bottom)<br>Sample depth 3-ft. below pit bottom<br>Sample Date 1/6/04 Sample time 7:53<br>Sample Results<br>Benzene(ppm) 0.0328<br>Total BTEX(ppm) 1.660<br>Field headspace(ppm) 962<br>TPH 772 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 2/2/04

Printed Name Larry Trujillo Title Environmental Specialist

E-mail Address fmcd_best@hotmail.com

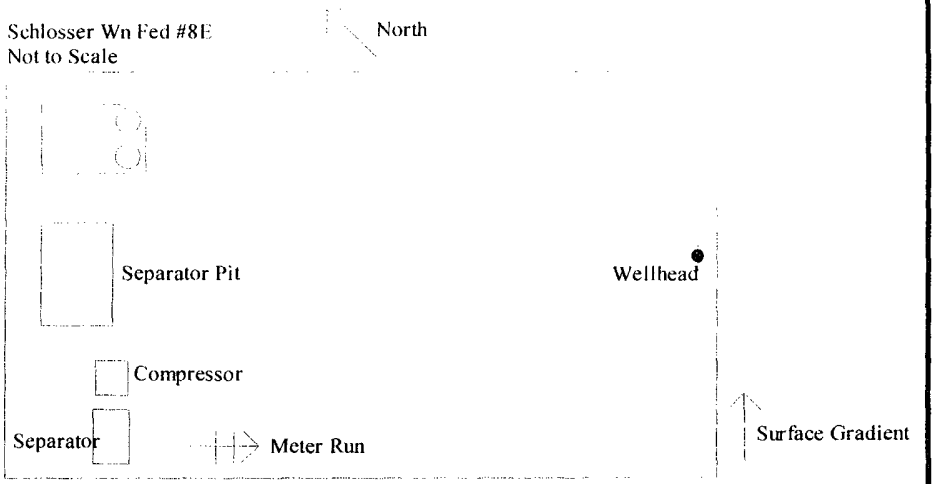
Client: ConocoPhillips Company

Date Began: 1/6/04 Date End: 1/6/04

| | |
|---|---|
| **Location:** | Schlosser Wn Fed #8E |
| Footages: | 1660' FNL & 1520' FWL |
| Unit Letter: | F Sec. 27 Twn. 28N Rng 11W |
| Latitude: | 36° 38.2' N Longitude: 107° 59.6' W |
| Lease Num. | SF-078673 Land Type: BLM |
| **Pit Type:** | Separator Pit |
| **Pit Reference** | |
| Reference: | wellhead Footage: 85' |
| Direction: | (N) or S 45 Degrees E or (W) |
| Initial size: | 30' × 30' × 6' = 5400 $ft^3$ |
| Final Size: | 30' × 30' × 6' = 5400 $ft^3$ |
| **Total Cubic Yards:** | 0 $yd^3$ |
| **Distanes 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 pts.** |

| Sample ID | Description | OVM Reading |
|---|---|---|
| 1 | 3' below pit bottom | 962 ppm |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |

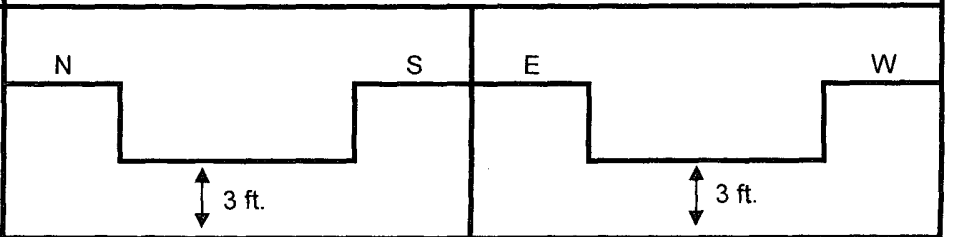
Site Diagram:




Not to Scale

Comments:
Contamination at 3' below ground surface.

Tests:




Prepared by: Larry Trujillo

Biosphere Environmental Sciences Technol...

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

| | | | |
|---|---|---|---|
| Client: | ConocoPhillips | Project #: | 96052-026-071 |
| Sample ID: | Sep Pit | Date Reported: | 01-06-04 |
| Laboratory Number: | 27461 | Date Sampled: | 01-06-04 |
| Chain of Custody No: | 11712 | Date Received: | 01-06-04 |
| Sample Matrix: | Soil | Date Extracted: | 01-06-04 |
| Preservative: | Cool | Date Analyzed: | 01-06-04 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|---|---|---|
| **Gasoline Range (C5 - C10)** | **149** | **0.2** |
| **Diesel Range (C10 - C28)** | **623** | **0.1** |
| **Total Petroleum Hydrocarbons** | **772** | **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: **Schlosser WN Fed 8E.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021
## AROMATIC VOLATILE ORGANICS

| | | | |
|---|---|---|---|
| Client: | ConocoPhillips | Project #: | 96052-026-071 |
| Sample ID: | Sep Pit | Date Reported: | 01-06-04 |
| Laboratory Number: | 27461 | Date Sampled: | 01-06-04 |
| Chain of Custody: | 11712 | Date Received: | 01-06-04 |
| Sample Matrix: | Soil | Date Analyzed: | 01-06-04 |
| Preservative: | Cool | Date Extracted: | 01-06-04 |
| Condition: | Cool & Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|---|---|---|
| **Benzene** | **32.8** | **1.8** |
| **Toluene** | **213** | **1.7** |
| **Ethylbenzene** | **181** | **1.5** |
| **p,m-Xylene** | **816** | **2.2** |
| **o-Xylene** | **420** | **1.0** |
| **Total BTEX** | **1,660** | |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|---|---|---|
| | **Fluorobenzene** | **97 %** |
| | **1,4-difluorobenzene** | **97 %** |
| | **Bromochlorobenzene** | **97 %** |

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:** **Schlosser WN Fed 8E.**

Analyst

Review

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