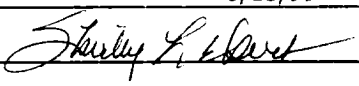


OK

|   |   |                  |
|---|---|------------------|
| District I                                | State Of New Mexico                               | SUBMIT 1 COPY TO |
| P.O. Box 1980, Hobbs, NM                  | Energy, Minerals and Natural Resources Department | APPROPRIATE      |
| District II                               |   | DISTRICT OFFICE  |
| P.O. Drawer, Artesia, NM 88211            | OIL CONSERVATION DIVISION                         | AND 1 COPY TO    |
| District III                              | P.O. Box 2088                                     | SANTA FE OFFICE  |
| 1000 Rio Brazos Rd. Aztec, NM 87410       | Santa Fe, New Mexico 87504-2088                   | (Revised 3/9/94) |
| <b>PIT REMEDIATION AND CLOSURE REPORT</b> |   |                  |

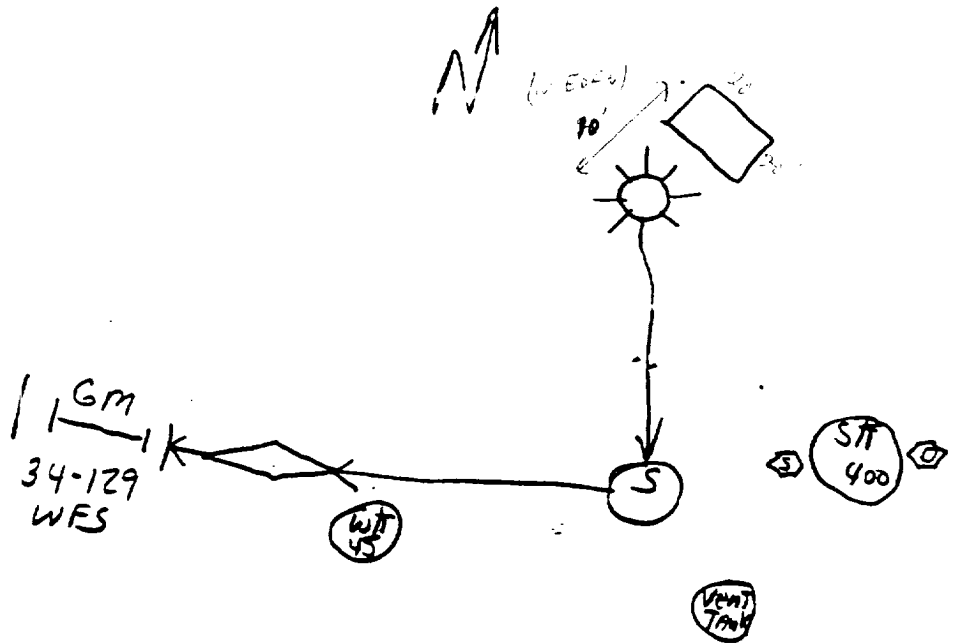
|                                   |   |                   |             |                           |                            |
|-----------------------------------|---|-------------------|-------------|---------------------------|----------------------------|
| Operator:                         | <u>Conoco Inc.</u>                                |                   | Telephone:  | <u>505-324-5813</u>       |                            |
| Address:                          | <u>3315 Bloomfield Hwy - Farmington, NM 87401</u> |                   |             |                           |                            |
| Facility Or:                      | <u>Helen Jackson 2</u>                            |                   |             |                           |                            |
| Well Name                         |   |                   |             |                           |                            |
| Location:                         | Unit or Qtr/Qtr Sec                               | <u>A</u> Sec      | <u>33</u> T | <u>29N</u> R              | <u>9W</u> County San Juan  |
| Pit Type:                         | Separator   | Dehydrator        | Other       | <u>BDP</u>                |                            |
| Land Type:                        | BLM   | <u>X</u> State    | Fee         | Other                     |                            |
| Pit Location:<br>(Attach diagram) | Pit dimension:                                    | length            | <u>20'</u>  | width                     | <u>20'</u> depth <u>3'</u> |
|                                   | Reference:  | wellhead          | <u>X</u>    | other                     |                            |
|                                   | Footage from reference:                           | <u>10'</u>        |             |                           |                            |
|                                   | Direction from reference:                         | <u>10</u> Degrees | <u>X</u>    | East of <u>X</u> North    |                            |
|                                   |   |                   |             | West of <u>    </u> South |                            |

|  |                                    |             |
|--|------------------------------------|-------------|
| 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 9 feet (10 points)      |             |
|  | Greater than 100 feet ( 0 points)  |             |
|  | Total                              | <u>0</u>    |
| 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) | Yes (20 points)                    |             |
|  | No ( 0 points)                     |             |
|  | Total                              | <u>0</u>    |
| Distance To Surface Water:<br>(Horizontal distance to perennial<br>lakes, ponds, rivers, streams, creeks,<br>irrigation canals and ditches)        | Less than 200 feet (20 points)     | (20 points) |
|  | 200 feet to 1000 feet (10 points)  | (10 points) |
|  | Greater than 1000 feet ( 0 points) | ( 0 points) |
|  | Total                              | <u>0</u>    |
|  | RANKING SCORE (TOTAL POINTS):      | <u>0</u>    |

|   |  |   |   |
|---|--|---|---|
| Date Remediation Started: _____   |  | Date Completed: _____   |   |
| Remediation Method:      Excavation: _____  |  | Approx. cubic yards _____   |   |
| (Check all appropriate sections)  |  |   |   |
| Landfarm _____  |  | Insitu Bioremediation _____   |   |
| Other _____   |  | _____   |   |
| Remediation Location:      Onsite _____   |  | Offsite _____   |   |
| (ie. landfarmed onsite, name and location of offsite facility)  |  |   |   |
| General Description Of Remedial Action: _____   |  |   |   |
| Sample was taken at 3' below bottom of pit center. No PID reading was conducted on location. Samples were transported to laboratory for TPH analysis per EPA Method 8015 and for BTEX analysis per EPA Method 8020A |  |   |   |
|   |  |   |   |
|   |  |   |   |
|   |  |   |   |
|   |  |   |   |
| Ground Water Encountered:   |  | No  | <input checked="" type="checkbox"/> Yes |
|   |  | Depth   | _____                                   |
| Final Pit:  |  | Sample location   | Bottom of pit - center                  |
| Closure Sampling:   |  | _____   |   |
| (if multiple samples attach sample results and diagram of sample locations and depths)  |  | Sample depth  | 3'                                      |
|   |  | Sample date   | 7/9/99                                  |
|   |  | Sample time   | 2:30pm                                  |
|   |  | Sample Results  |   |
|   |  | Benzene (ppm)   | 0.211                                   |
|   |  | Total BTEX (ppm)  | 1.83                                    |
|   |  | Field headspace (ppm)   | Not Taken                               |
|   |  | TPH   | 87.6                                    |
| Ground Water Sample:  |  | Yes   | <input checked="" type="checkbox"/> 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  |  | 8/13/99   | PRINTED NAME Shirley L. Ebert           |
| SIGNATURE   |  |  | AND TITLE Field SHEAR Specialist        |

Lease Name: HELEN JACKSON #2<sup>mk</sup> Operator: LC Bob Willian Date: 3/98

Site Security  
(Indicate North)



7911-911-22

Lease Name: Helen Jackson 2

Federal/ Indian Lease No: SF 079947

CA No.: NA

Unit: A

Legal Description: Sect: 33 TP: 29N R: 9W

County: San Juan, 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

6973

[illegible]

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

|                    |               |                     |            |
|--------------------|---------------|---------------------|------------|
| Client:            | Conoco        | Project #:          | 707003-059 |
| Sample ID:         | BDP           | Date Reported:      | 07-22-99   |
| Laboratory Number: | F690          | Date Sampled:       | 07-09-99   |
| Chain of Custody:  | 6973          | Date Received:      | 07-15-99   |
| Sample Matrix:     | Soil          | Date Analyzed:      | 07-22-99   |
| Preservative:      | Cool          | Date Extracted:     | 07-16-99   |
| Condition:         | Cool & Intact | Analysis Requested: | BTEX       |

| Parameter    | Concentration<br>(ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene      | .211                     | 8.8                      |
| Toluene      | 789                      | 8.4                      |
| Ethylbenzene | 87.1                     | 7.6                      |
| p,m-Xylene   | 595                      | 10.8                     |
| o-Xylene     | 146                      | 5.2                      |
| Total BTEX   | 1,830                    |                          |

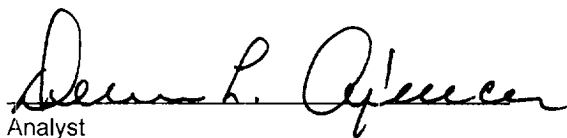
ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter          | Percent Recovery |
|-----------------------|--------------------|------------------|
|                       | Trifluorotoluene   | 99 %             |
|                       | Bromofluorobenzene | 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: Helen Jackson #2.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

|                    |                     |                |          |
|--------------------|---------------------|----------------|----------|
| Client:            | N/A                 | Project #:     | N/A      |
| Sample ID:         | 07-22-BTEX-PM QA/QC | Date Reported: | 07-22-99 |
| Laboratory Number: | F690                | Date Sampled:  | N/A      |
| Sample Matrix:     | Soil                | Date Received: | N/A      |
| Preservative:      | N/A                 | Date Analyzed: | 07-22-99 |
| Condition:         | N/A                 | Analysis:      | BTEX     |

| Calibration and<br>Detection Limits (ug/L) | I-Cal RF:   | C-Cal RF:             | %Diff. | Blank<br>Conc | Detect.<br>Limit |
|--|-------------|-----------------------|--------|---------------|------------------|
|  |             | Accept. Range 0 - 15% |        |               |                  |
| Benzene                                    | 3.8394E-001 | 3.8487E-001           | 0.2%   | ND            | 0.2              |
| Toluene                                    | 1.2824E-001 | 1.2847E-001           | 0.2%   | ND            | 0.2              |
| Ethylbenzene                               | 1.3900E-001 | 1.3930E-001           | 0.2%   | ND            | 0.2              |
| p,m-Xylene                                 | 1.5156E-001 | 1.5194E-001           | 0.3%   | ND            | 0.2              |
| o-Xylene                                   | 1.3670E-001 | 1.3693E-001           | 0.2%   | ND            | 0.1              |

| Duplicate Conc. (ug/Kg) | Sample | Duplicate | %Diff. | Accept Range | Detect. Limit |
|-------------------------|--------|-----------|--------|--------------|---------------|
| Benzene                 | 211    | 203       | 4.0%   | 0 - 30%      | 8.8           |
| Toluene                 | 789    | 753       | 4.5%   | 0 - 30%      | 8.4           |
| Ethylbenzene            | 87.1   | 83.3      | 4.4%   | 0 - 30%      | 7.6           |
| p,m-Xylene              | 595    | 570       | 4.3%   | 0 - 30%      | 10.8          |
| o-Xylene                | 146    | 140       | 3.8%   | 0 - 30%      | 5.2           |

| Spike Conc. (ug/Kg) | Sample | Amount Spiked | Spiked Sample | % Recovery | Accept Range |
|---------------------|--------|---------------|---------------|------------|--------------|
| Benzene             | 211    | 50.0          | 261           | 100%       | 39 - 150     |
| Toluene             | 789    | 50.0          | 837           | 100%       | 46 - 148     |
| Ethylbenzene        | 87.1   | 50.0          | 137           | 100%       | 32 - 160     |
| p,m-Xylene          | 595    | 100.0         | 694           | 100%       | 46 - 148     |
| o-Xylene            | 146    | 50.0          | 195           | 100%       | 46 - 148     |

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.  
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for samples F690 - F692, F694 and F696.

Analyst

Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

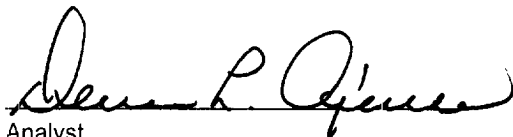
|                      |                 |                     |            |
|----------------------|-----------------|---------------------|------------|
| Client:              | Conoco Inc.     | Project #:          | 707003-059 |
| Sample ID:           | BDP             | Date Reported:      | 07-19-99   |
| Laboratory Number:   | F690            | Date Sampled:       | 07-09-99   |
| Chain of Custody No: | 6973            | Date Received:      | 07-15-99   |
| Sample Matrix:       | Soil            | Date Extracted:     | 07-16-99   |
| Preservative:        | Cool            | Date Analyzed:      | 07-19-99   |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH   |

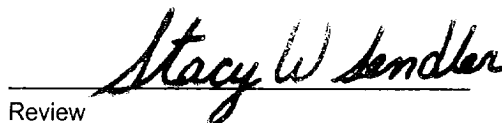
| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | 1.3                      | 0.2                      |
| Diesel Range (C10 - C28)     | 86.3                     | 0.1                      |
| Total Petroleum Hydrocarbons | 87.6                     | 0.2                      |

ND - Parameter not detected at the stated detection limit.

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

Comments: **Helen Jackson #2.**

  
Analyst

  
Review