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

PIT REMEDIATION AND CLOSURE REPORT

| Operator: ConocoPhillips Company | Telephone: (505) 599-3400 | | |
|--|--|--|--|
| Address: 5525 Hwy. 64 Farmington, NM 87401 | | | |
| Facility Or: Holloway Fed #5E Well Name | API #:30-045-25829 | | |
| Location: Unit or Qtr/Qtr Sec D Sec 7 T 27N R 11W County San Juan | | | |
| Pit Type: Separator Dehydrator | Other Production | | |
| Land Type: BLM X, State, | , Fee Other | | |
| Pit Location: Pit dimmensions: length 15', width 12', depth 3' (Attach diagram) Reference: wellhead X, other | | | |
| Footage from reference: | 78' | | |
| Direction from reference: | 0 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 (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points) (0 points) | | |
| 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 (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points) | | |
| | RANKING SCORE (TOTAL POINTS): 0 pts. | | |

| Date Remediation Started | d: 11/20/03 Date completed: 11/20/03 | | |
|--|---|--|--|
| Remediation Method: I | Excavation N/A Approx. cubic yards | | |
| (Check all appropriate sections.) | Landfarmed N/A Insitu Bioremediation | | |
| | Other | | |
| | | | |
| Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) | Onsite Offsite | | |
| General Description of R | Remedial Action: | | |
| A soil sample was extrac | sted at 6-ft below ground level (3-ft. below pit bottom). The sample was analyzed for | | |
| GRO/DRO and BTEX ar | nalysis. All analyses were within BLM and NMOCD requirements. | | |
| | | | |
| | | | |
| | | | |
| Ground Water Encounter | red: No X Yes Depth | | |
| Final Pit: | Sample location _Center of pit, 6-ft below surface level (3-ft. below pit bottom) | | |
| Closure Sampling: (if multiple samples, | | | |
| attach sample results and diagram of sample | Sample depth 3-ft. below pit bottom | | |
| locations and depths) | Sample Date <u>11/20/03</u> Sample time <u>11:30</u> | | |
| | Sample Results | | |
| | Benzene(ppm)0.192 | | |
| | Total BTEX(ppm) 3.150 | | |
| | Field headspace(ppm) N/A | | |
| | TPH2650 ppm | | |
| Ground Water Sample: | Yes NoX (If yes, attach sample results) | | |
| | nformation above is true and complete to the best of my knowledge and belief. | | |
| Signature 2 | Date 2/5/04 | | |
| Printed Name <u>Larry Tr</u> | rujillo Title Environmental Specialist | | |
| E-mail Address fmcd be | est@hotmail.com | | |

Date End: 11/20/03 Date Began: 11/20/03 _____our Site Diagram: Holloway Fed #5E Location: 980' FNL & 790' FWL Footages: North Holloway Fed #5E Sec. Twn. 27N Rng 11W D Unit Letter: Not to Scale 108° 03.1' W 36° 35.7' N Longitude: Latitude: Land Type: Fed SF-078895 BLM Lease Num. Pit Type: **Production Pit** Pit Reference -∳-Wellhead Footage: 78' wellhead Reference: N or S 0 E or W Direction: Degrees $15' \times 12' \times 3' = 540 \text{ ft}^3$ Initial size: $15' \times 12' \times 3' = 540 \text{ ft}^3$ Final Size: 0 yd³ Total Cubic Yards: Production Pit Distanes from (ft): Surface Gradient T Riser > 100ft. Groundwater: No Wellhead Protection Area: > 1000ft. Nearest Surface Water: N/A Distance to ephemeral stream: (Navajo/Jicarilla only) Ranking Score (points): 0 pts. Description OVM Reading Sample ID 2 3 4 5 6 7 8 9 Not to Scale 10 Comments: S Ε N W 3 ft. 3 ft. Tests: Biosphere Environmental Sciences Technologies Prepared by:



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

| Client: | ConocoPhillips | Project #: | 96052-026-061 |
|----------------------|-----------------|---------------------|---------------|
| Sample ID: | Tank Drain Pit | Date Reported: | 11-22-03 |
| Laboratory Number: | 27253 | Date Sampled: | 11-20-03 |
| Chain of Custody No: | 11046 | Date Received: | 11-21-03 |
| Sample Matrix: | Soil | Date Extracted: | 11-21-03 |
| Preservative: | Cool | Date Analyzed: | 11-22-03 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | 611 | 0.2 |
| Diesel Range (C10 - C28) | 2,040 | 0.1 |
| Total Petroleum Hydrocarbons | 2,650 | 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:

Holloway Fed #5E.

Analyst C. Commercial Commercial

Mistere of Walder

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



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| Client: | ConocoPhillips | Project #: | 96052-026-061 |
|--------------------|----------------|---------------------|---------------|
| Sample ID: | Tank Drain Pit | Date Reported: | 11-22-03 |
| Laboratory Number: | 27253 | Date Sampled: | 11-20-03 |
| Chain of Custody: | 11046 | Date Received: | 11-21-03 |
| Sample Matrix: | Soil | Date Analyzed: | 11-22-03 |
| Preservative: | Cool | Date Extracted: | 11-21-03 |
| Condition: | Cool & Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene | 192 | 1.8 |
| Toluene | 464 | 1.7 |
| Ethylbenzene | 378 | 1.5 |
| p,m-Xylene | 1,520 | 2.2 |
| o-Xylene | 591 | 1.0 |
| Total BTEX | 3,150 | |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|---------------------|------------------|
| | Fluorobenzene | 95 % |
| | 1,4-difluorobenzene | 95 % |
| | Bromochlorobenzene | 95 % |

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:

Holloway Fed #5E.

Analyst C. Character C. Charact

Review Mulaters