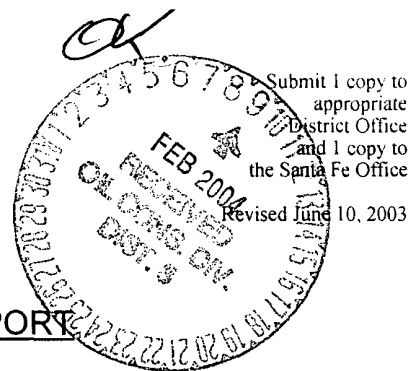


District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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



**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>McLeod Fed #2E</u>		API #: <u>30-045-24054</u>
Well Name _____		
Location: Unit or Qtr/Qtr Sec <u>      E      </u> Sec <u>34</u> T <u>28N</u> R <u>10W</u> County <u>San Juan</u>		
Pit Type: Separator <u>X</u> Dehydrator _____ Other _____		
Land Type: BLM <u>X</u> , State _____, Fee _____ Other _____		
Pit Location: Pit dimensions: length <u>20'</u> , width <u>15'</u> , depth <u>3'</u> (Attach diagram)		
Reference: wellhead <u>X</u> , other _____		
Footage from reference: <u>128'</u>		
Direction from reference: <u>15</u> Degrees <u>X</u> East North _____ of _____ West South <u>X</u>		
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) <u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)	Yes No	(20 points) ( 0 points) <u>0</u>
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) <u>0</u>
RANKING SCORE (TOTAL POINTS):		<u>0 pts.</u>

Date Remediation Started: 11/24/03 Date completed: 11/24/03

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 6-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, 6-ft below surface level (3-ft. below pit bottom)

Sample depth 3-ft. below pit bottom

Sample Date 1/24/03 Sample time 12:30

Sample Results

Benzene(ppm) Non Detect

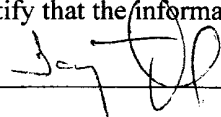
Total BTEX(ppm) 1.520

Field headspace(ppm) N/A

TPH 163 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: 11/24/03

Date End: 11/24/03

**Location:** McLeod Fed #2E  
**Footages:** 1530' FNL & 930' FWL  
**Unit Letter:** E **Sec.** 34 **Twn.** 28N **Rng** 10W  
**Latitude:** 36.62192° N **Longitude:** 107.8883° W  
**Lease Num.** SF-046563 **Land Type:** BLM

**Pit Type:** Separator Pit

**Pit Reference**

**Reference:** wellhead **Footage:** 128  
**Direction:** N or (S) 15 **Degrees** (E) or W  
**Initial size:** 20' × 15' × 3' = 900 ft<sup>3</sup>  
**Final Size:** 20' × 15' × 3' = 900 ft<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.

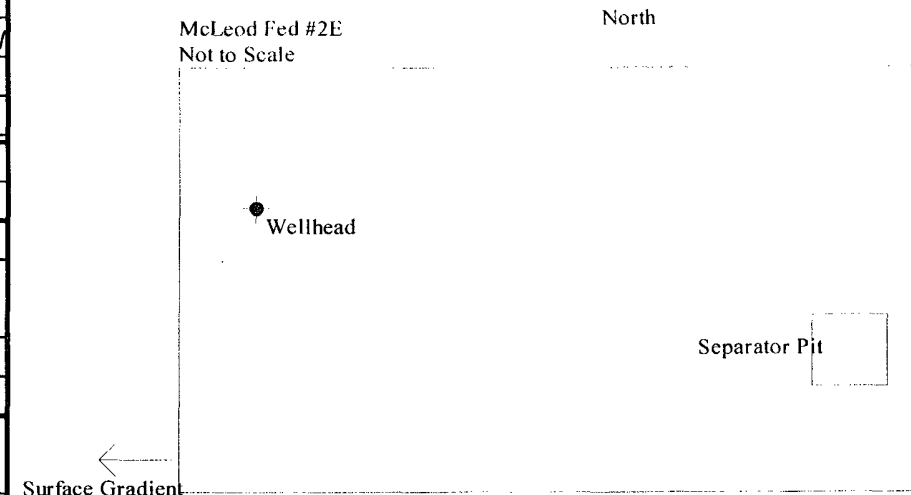
Sample ID	Description	OVM Reading
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Comments:

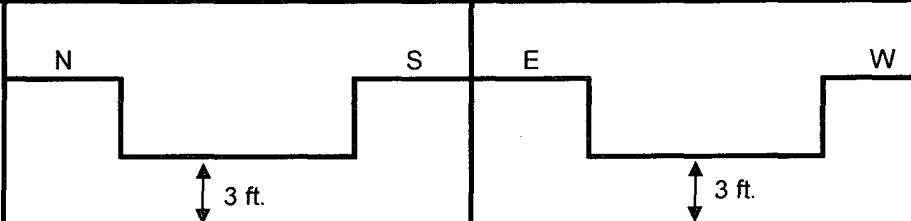
Tests:

Prepared by:

Site Diagram:



Not to Scale



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

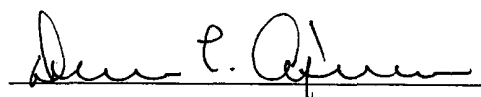
Client:	ConocoPhillips	Project #:	96052-026-063
Sample ID:	Water Pit	Date Reported:	12-03-03
Laboratory Number:	27323	Date Sampled:	11-24-03
Chain of Custody No:	11047	Date Received:	12-02-03
Sample Matrix:	Soil	Date Extracted:	12-02-03
Preservative:	Cool	Date Analyzed:	12-03-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

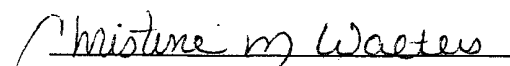
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	97.3	0.2
Diesel Range (C10 - C28)	65.8	0.1
Total Petroleum Hydrocarbons	163	0.2

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: **McLeod Fed #2E.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-063
Sample ID:	Water Pit	Date Reported:	12-03-03
Laboratory Number:	27323	Date Sampled:	11-24-03
Chain of Custody:	11047	Date Received:	12-02-03
Sample Matrix:	Soil	Date Analyzed:	12-03-03
Preservative:	Cool	Date Extracted:	12-02-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	202	1.7
Ethylbenzene	169	1.5
p,m-Xylene	822	2.2
o-Xylene	323	1.0
Total BTEX	1,520	

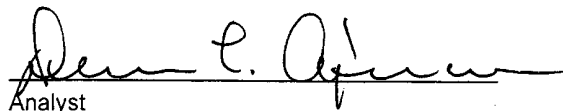
ND - Parameter not detected at the stated detection limit.

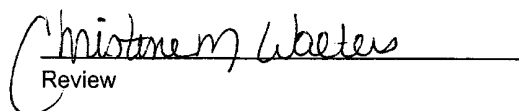
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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: McLeod Fed #2E.

  
Analyst

  
Review