

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

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

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

30-045-26563

Operator: <u>ConocoPhillips Company</u> Telephone: <u>(505)599-3400</u>		
Address: <u>5525 Hwy. 64 Farmington, NM 87401</u>		
Facility Or: <u>Lackey B LS #12M</u>		
Well Name		
Location: Unit or Qtr/Qtr Sec <u>F</u> Sec <u>21</u> T <u>28N</u> R <u>9W</u> County <u>San Juan</u>		
Pit Type: Separator <u>          </u> Dehydrator <u>          </u> Other <u>Earthen Pit #2</u>		
Land Type: BLM <u>X</u> , State <u>          </u> , Fee <u>          </u> Other <u>          </u>		
Pit Location: Pit dimensions: length <u>20'</u> , width <u>20'</u> , depth <u>3'</u> (Attach diagram)		
Reference: wellhead <u>X</u> , other <u>          </u>		
Footage from reference: <u>160'</u>		
Direction from reference: <u>10</u> Degrees <u>X</u> East North <u>X</u> of <u>          </u> West South <u>          </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: 7/30/03 Date completed: 7/30/03

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 7/30/03 Sample time 12:00

Sample Results

Benzene(ppm) Non Detect

Total BTEX(ppm) 1.590

Field headspace(ppm) N/A

TPH 372

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.

Date 11/14/03

Signature Jag

Printed Name Larry Trujillo  
and Title Environmental Specialist

**Location:** Lackey BLS #12M  
**Footages:** 1850' FNL & 1460' FWL  
**Unit Letter:** F **Sec.** 21 **Twn.** 28N **Rng** 9W  
**Latitude:** 36.64983° N **Longitude:** 107.79728° W  
**Lease Num.** SF-07716 **Land Type:** BLM

**Pit Type:** Earthen Pit (sample #3)

**Pit Reference**

**Reference:** Wellhead **Footage:** 160'  
**Direction:** (N) or S 10 Degrees (E) or W  
**Initial size:** 20' x 20' x 3' = 1200 ft<sup>3</sup>  
**Final Size:** 20' x 20' x 3' = 1200 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)

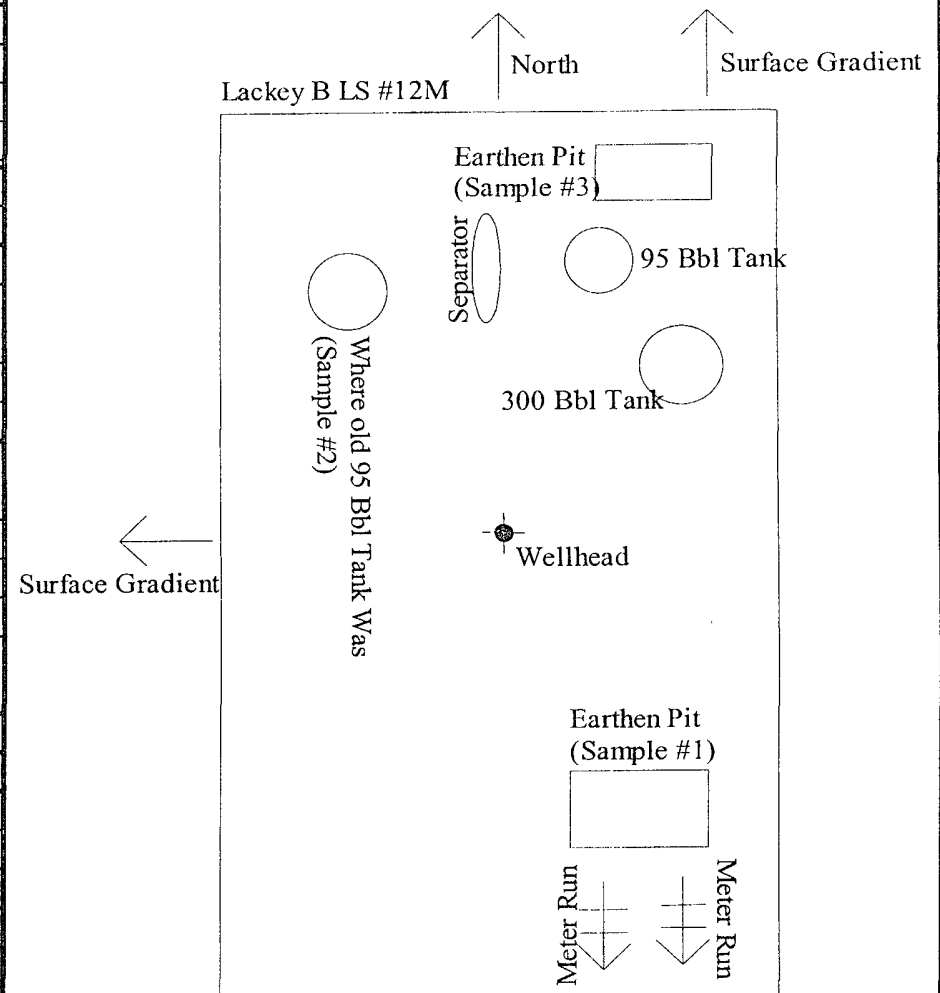
**Ranking Score (points):** 0 pts

Sample ID	Description	OVM Reading
1	3' below pit bottom	N/A
2		
3		
4		
5		
6		
7		
8		
9		
10		

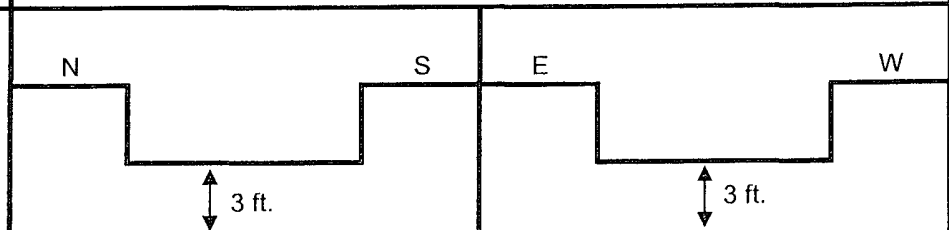
**Comments:**

**Tests:** BTEX & GRO/DRO

**Site Diagram:**



Not to Scale



EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

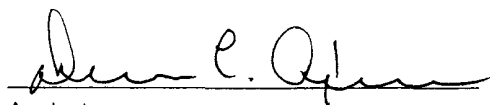
Client:	ConocoPhillips	Project #:	96052-026-019
Sample ID:	Pit 2	Date Reported:	08-04-03
Laboratory Number:	26220	Date Sampled:	07-30-03
Chain of Custody No:	11192	Date Received:	08-01-03
Sample Matrix:	Soil	Date Extracted:	08-04-03
Preservative:	Cool	Date Analyzed:	08-04-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

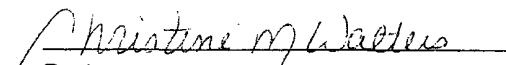
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	171	0.2
Diesel Range (C10 - C28)	201	0.1
Total Petroleum Hydrocarbons	372	0.2

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: **Lackey B LS 12 M.**

  
Analyst

  
Review

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Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	186	1.7
Ethylbenzene	132	1.5
p,m-Xylene	984	2.2
o-Xylene	292	1.0
Total BTEX	1,590	

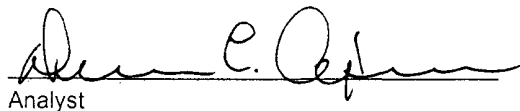
ND - Parameter not detected at the stated detection limit.

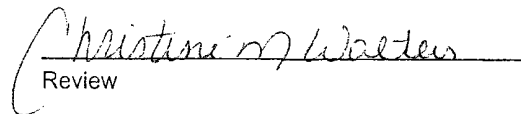
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

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: Lackey B LS 12 M.

  
Analyst

  
Review