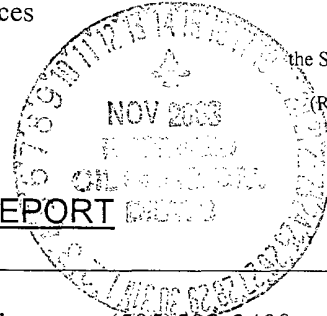


District I
4625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

30-045-07316

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 #17</u>		
Well Name		
Location: Unit or Qtr/Qtr Sec <u>G</u> Sec <u>21</u> T <u>28N</u> R <u>9W</u> County <u>San Juan</u>		
Pit Type: Separator <u>X</u> Dehydrator <u> </u> Other <u> </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>6'</u> (Attach diagram)		
Reference: wellhead <u>X</u> , other <u> </u>		
Footage from reference: <u>105</u>		
Direction from reference: <u>12</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: 10/16/03 Date completed: 10/16/03

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 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: Sample location Center of pit, 9-ft below surface level (3-ft. below pit bottom)
Closure Sampling: _____
(if multiple samples,
attach sample results
and diagram of sample
locations and depths) Sample depth 3-ft. below pit bottom

Sample Date 10/16/03 Sample time 15:40

Sample Results

Benzene(ppm) 0.0162

Total BTEX(ppm) 2.089

Field headspace(ppm) N/A

TPH 2.1

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 11/12/03

Signature



Printed Name Larry Trujillo
and Title Environmental Specialist

Client: ConocoPhillips Company

Date Began: 10/16/03

Date End: 10/16/03

Location: Lackey B LS #17
Footages: 2310' FNL & 1550' FEL
Unit Letter: G **Sec.** 21 **Twn.** 28N **Rng** 9W
Latitude: 36.64858° N **Longitude:** 107.78986° W
Lease Num. **Land Type:** BLM

Pit Type: Separator Pit

Pit Reference

Reference: wellhead **Footage:** 105
Direction: (N) or S 12 **Degrees** (E) or W
Initial size: 20ft. X 20ft. X 6ft.
Final Size: 20ft. X 20ft. X 6ft.
Total Cubic Yards: 0 yd³

Distances from (ft):

Groundwater: >100ft.
Wellhead Protection Area: No
Nearest Surface Water: >1000ft.
Distance to ephemeral stream: N/A

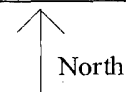
(Navajo/Jicarilla only)

Ranking Score (points): 0pts.

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

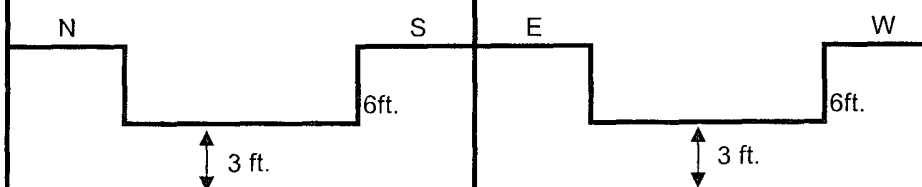
Site Diagram:

Lackey B LS #17
Not to Scale



Separator Pit ☐ Tank Pit ☐
Blow Pit ☐ Wellhead ●

Not to Scale

Comments:**Tests:** GRO/DRO Analysis

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-042
Sample ID:	Pit 2	Date Reported:	10-20-03
Laboratory Number:	26926	Date Sampled:	10-16-03
Chain of Custody:	11488	Date Received:	10-17-03
Sample Matrix:	Soil	Date Analyzed:	10-20-03
Preservative:	Cool	Date Extracted:	10-17-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	16.2	1.8
Toluene	447	1.7
Ethylbenzene	146	1.5
p,m-Xylene	1,025	2.2
o-Xylene	455	1.0
Total BTEX	2,089	

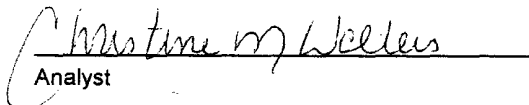
ND - Parameter not detected at the stated detection limit.

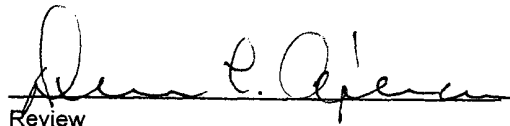
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

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 BLS #17.


Analyst


Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: ConocoPhillips
Sample ID: Pit 2
Laboratory Number: 26926
Chain of Custody No: 11488
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

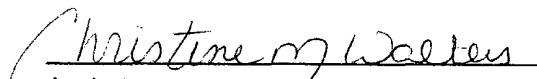
Project #: 96052-026-042
Date Reported: 10-21-03
Date Sampled: 10-16-03
Date Received: 10-17-03
Date Extracted: 10-17-03
Date Analyzed: 10-20-03
Analysis Requested: 8015 TPH

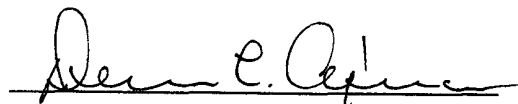
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.1	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.1	0.2

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 BLS #17.**


Analyst


Review