

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: ConocoPhillips Company Telephone: (505)599-3400

Address: 5525 Hwy. 64 Farmington, NM 87401

Facility Or: Lackey B LS #12M
Well Name

Location: Unit or Qtr/Qtr Sec F Sec 21 T 28N R 9W County San Juan

Pit Type: Separator Dehydrator Other Earthen Pit #1

Land Type: BLM X, State , Fee Other

Pit Location: Pit dimensions: length 10', width 30', depth 3'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 84'

Direction from reference: 10 Degrees X East North
of
 West South X

Depth To Ground Water	Less than 50 feet	(20 points)
(Vertical distance from	50 feet to 99 feet	(10 points)
contaminants to seasonal	Greater than 100 feet	(0 points) <u>0</u>
high water elevation of		
ground water.)		

Wellhead Protection Area:	Yes	(20 points)
(Less than 200 feet from a private	No	(0 points) <u>0</u>
domestic water source, or; less than		
1000 feet from all other water sources.)		

Distance To Surface Water:	Less than 200 feet	(20 points)
(Horizontal distance to perennial	200 feet to 1000 feet	(10 points)
lakes, ponds, rivers, streams, creeks,	Greater than 1000 feet	(0 points) <u>0</u>
irrigation canals and ditches.)		

RANKING SCORE (TOTAL POINTS): 0 pts.

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: 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 locations and depths) Sample depth 3-ft. below pit bottom

Sample Date 7/30/03 Sample time 10:00

Sample Results

Benzene(ppm) Non Detect

Total BTEX(ppm) 0.490

Field headspace(ppm) N/A

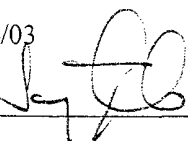
TPH 171

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



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 #1)

Pit Reference

Reference: Wellhead **Footage:** 84'

Direction: N or (S) 10 Degrees (E) or W

Initial size: 10' x 30' x 3' = 900 ft³

Final Size: 10' x 30' x 3' = 900 ft³

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)

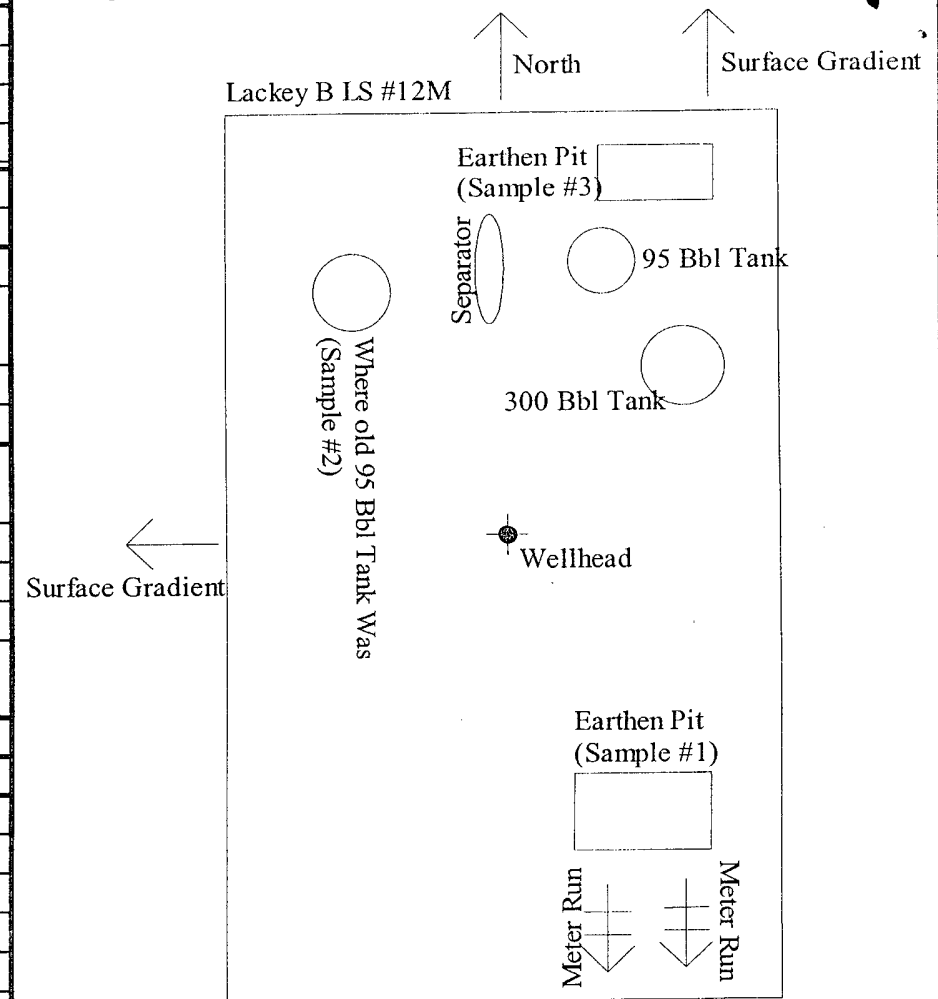
Ranking Score (points): 0 pts

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

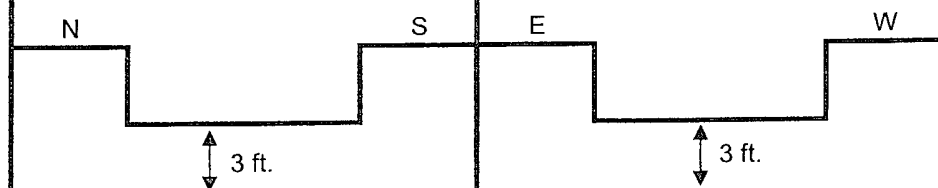
Comments:

Tests: BTEX & GRO/DRO

Site Diagram:



Not to Scale



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

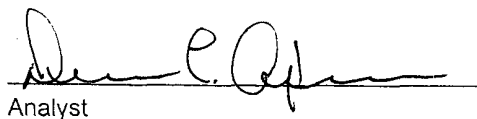
Client:	ConocoPhillips	Project #:	96052-026-019
Sample ID:	Pit 1	Date Reported:	08-04-03
Laboratory Number:	26219	Date Sampled:	07-30-03
Chain of Custody No:	11192	Date Received:	08-01-03
Sample Matrix:	Soil	Date Extracted:	08-04-03
Preservative:	Cool	Date Analyzed:	08-04-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

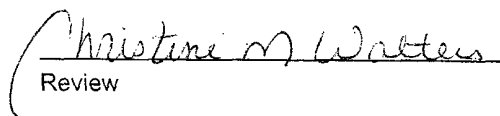
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	37.0	0.2
Diesel Range (C10 - C28)	134	0.1
Total Petroleum Hydrocarbons	171	0.2

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	63.0	1.7
Ethylbenzene	37.5	1.5
p,m-Xylene	278	2.2
o-Xylene	111	1.0
Total BTEX	490	

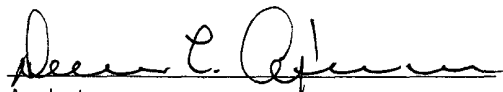
ND - Parameter not detected at the stated detection limit.

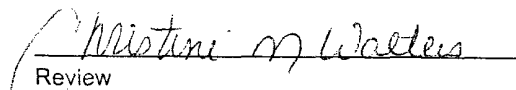
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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: Lackey B LS 12 M.


Analyst


Review