

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

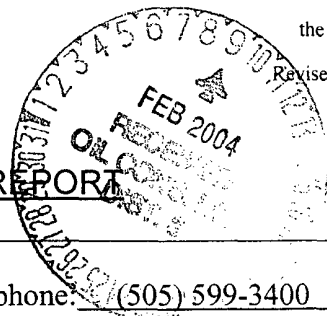
State of New Mexico
Energy Minerals and Natural Resources

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 June 10, 2003

PIT REMEDIATION AND CLOSURE REPORT



Operator: ConocoPhillips Company Telephone: (505) 599-3400

Address: 5525 Hwy. 64 Farmington, NM 87401

Facility Or: Lackey BLS #12A API #: 30-045-26581

Well Name

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

Pit Type: Separator X Dehydrator Other Sep #1

Land Type: BLM X, State , Fee Other

Pit Location: Pit dimensions: length 25', width 25', depth 3'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 90'

Direction from reference: 25 Degrees East North
of
X 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) <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	(20 points)
	No	(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	(20 points)
	200 feet to 1000 feet	(10 points)
	Greater than 1000 feet	(0 points) <u>0</u>

RANKING SCORE (TOTAL POINTS):	<u>0 pts.</u>
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Date Remediation Started: 1/22/04 Date completed: 1/22/04

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 1/22/04 Sample time 10:40

Sample Results

Benzene(ppm) 0.857

Total BTEX(ppm) 6.250

Field headspace(ppm) 3220 ppm

TPH 751 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 [Signature] Date 2/2/04

Printed Name Larry Trujillo Title Environmental Specialist

E-mail Address fmcd_best@hotmail.com

Location: Lackey B LS #12A
Footages: 1030' FSL & 1995' FWL
Unit Letter: N Sec. 21 Twn. 28N Rng 9W
Latitude: 36° 38.5' N **Longitude:** 107° 47.7' W
Lease Num. SF-077106 **Land Type:** BLM

Pit Type: Separator Pit #1

Pit Reference

Reference: wellhead **Footage:** 90'
Direction: N or (S) 25 Degrees E or (W)
Initial size: 25' x 25' x 3' = 1875 ft³
Final Size: 25' x 25' x 3' = 1875 ft³
Total Cubic Yards: 0 yd³

Distances from (ft):

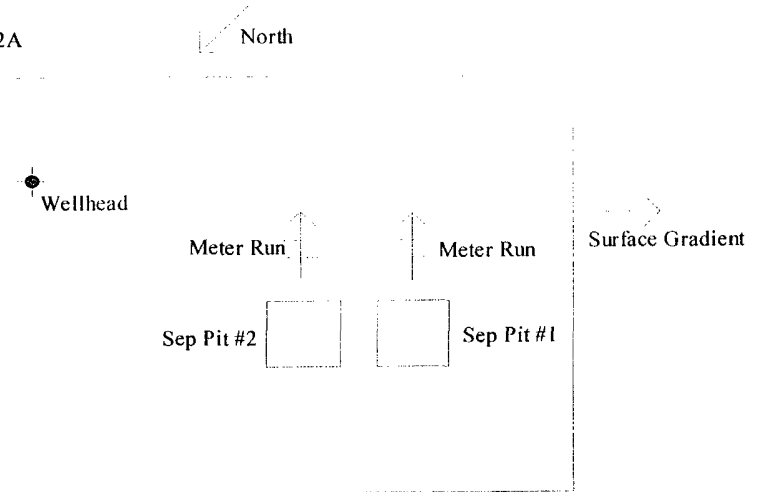
Groundwater: > 100ft.
Wellhead Protection Area: No
Nearest Surface Water: > 1000ft.
Distance to ephemeral stream: N/A
 (Navajo/Jicarilla only)

Ranking Score (points): 0 pts.

Sample ID	Description	OVM Reading
1	Pit #1	3220 ppm
2	Pit #2	62.5 ppm
3		
4		
5		
6		
7		
8		
9		
10		

Site Diagram:

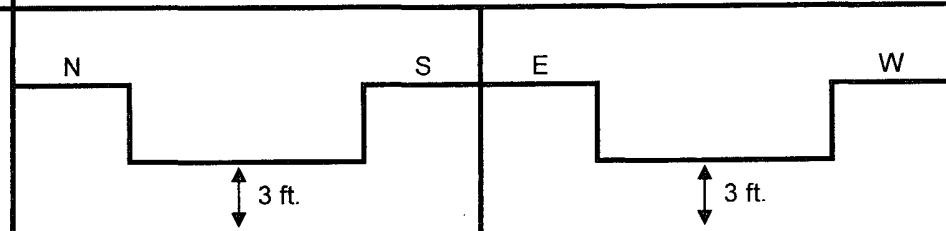
Lackey B LS #12A
Not to Scale



Not to Scale

Comments:

Tests: GRO/ DRO & BTEX



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons


Client:	ConocoPhillips	Project #:	96052-026-077
Sample ID:	Sep Pit #1	Date Reported:	01-26-04
Laboratory Number:	27602	Date Sampled:	01-22-04
Chain of Custody No:	11754	Date Received:	01-22-04
Sample Matrix:	Soil	Date Extracted:	01-22-04
Preservative:	Cool	Date Analyzed:	01-23-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

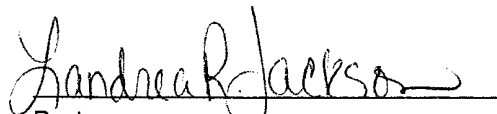
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	679	0.2
Diesel Range (C10 - C28)	72.0	0.1
Total Petroleum Hydrocarbons	751	0.2

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 12A.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-077
Sample ID:	Sep Pit #1	Date Reported:	01-23-04
Laboratory Number:	27602	Date Sampled:	01-22-04
Chain of Custody:	11754	Date Received:	01-22-04
Sample Matrix:	Soil	Date Analyzed:	01-23-04
Preservative:	Cool	Date Extracted:	01-22-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	857	1.8
Toluene	1,864	1.7
Ethylbenzene	563	1.5
p,m-Xylene	2,153	2.2
o-Xylene	814	1.0
Total BTEX	6,250	

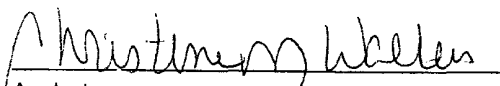
ND - Parameter not detected at the stated detection limit.

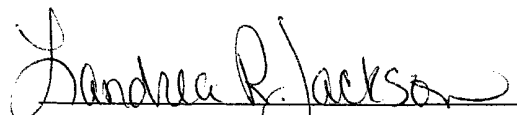
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

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 12A.


Analyst


Review