

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

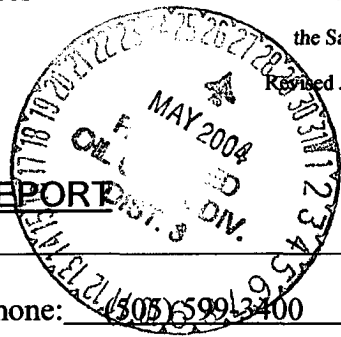
State of New Mexico
Energy Minerals and Natural Resources

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

Received June 10, 2003

PIT REMEDIATION AND CLOSURE REPORT



30-045-07367

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

Address: 5525 Hwy. 64 Farmington, NM 87401

Facility Or: Lackey BLS #1 API #: 30-045-07367

Well Name

Location: Unit or Qtr/Qtr Sec B Sec 20 T 28N R 9W County San Juan

Pit Type: Separator Dehydrator Other Earthen pit (pit #1)

Land Type: BLM X, State , Fee Other

Pit Location: Pit dimensions: length 20', width 20', depth 4'

(Attach diagram)

Reference: wellhead X, other

Footage from reference: 64'

Direction from reference: 185 Degrees East North X

of
X West South

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) 0

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) 0

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) 0

RANKING SCORE (TOTAL POINTS): 0 pts

Date Remediation Started: 3/31/04 Date completed: 3/31/04

Remediation Method: Excavation N/A Approx. cubic yards _____
(Check all appropriate sections.) Landfarmed N/A Insitu Bioremediation _____
Other _____

Remediation Location: Onsite N/A Offsite _____
(i.e. landfarmed onsite,
name and location of
offsite facility)

General Description of Remedial Action: _____

A soil sample was extracted at 8-ft below ground level (4-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, 8-ft below surface level (4-ft. below pit bottom)

Sample depth 4-ft. below pit bottom

Sample Date 3/31/04 Sample time 11:00

Sample Results

Benzene(ppm) Non Detect

Total BTEX(ppm) 0.171

Field headspace(ppm) N/A

TPH Non Detect

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 Larry Trujillo Date 5/4/04

Printed Name Larry Trujillo Title Environmental Specialist

E-mail Address fmcd_best@hotmail.com

Location: Lackey B LS #1

Footages: 790' FNL & 1850' FEL

Unit Letter: B

Sec: 20

Twn: 28N

Rng: 9W

Latitude: 36.65272° N

Longitude: 107.80857° W

Lease Num: NM-073249

Land Type: BLM

Pit Type: earthen pit (Pit #1)

Pit Reference:

Reference: wellhead

Footage: 64

Direction: (N) or S

185

Degrees

E or (W)

Initial size: 20' x 20' x 4' = 1600 ft³

Final Size: 20' x 20' x 4' = 1600 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

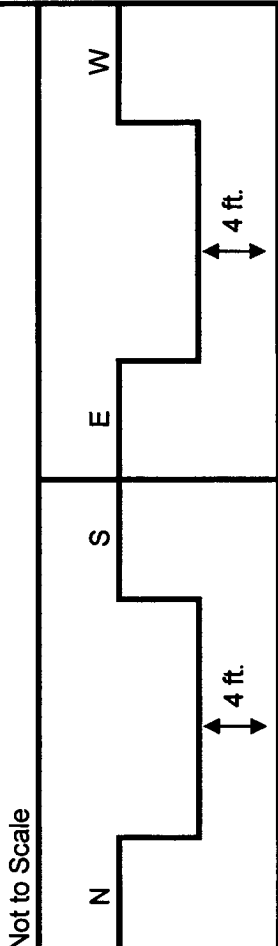
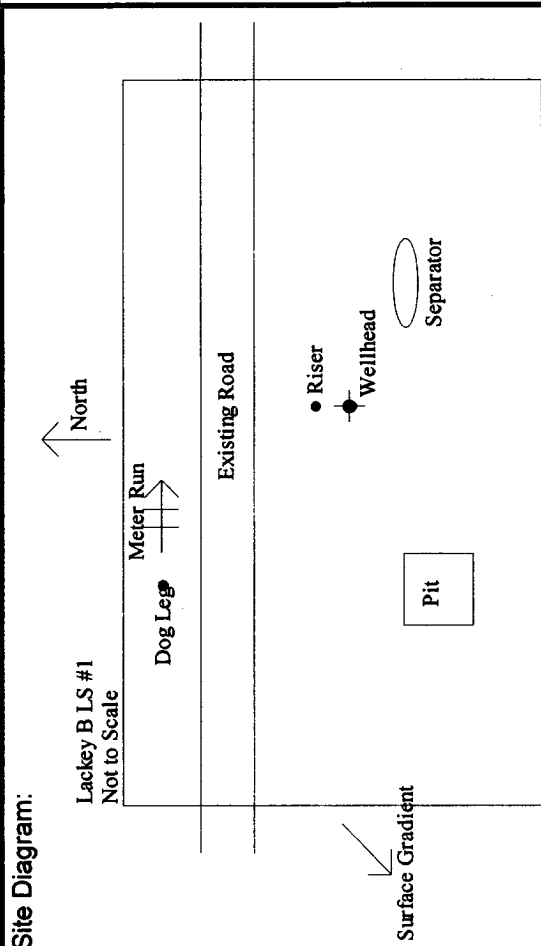
(Navajo/Jicarilla only)

Ranking Score (points): 0 pts.

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

Comments:
Strong hydrocarbon odor.
Light brown sandy loam; 11.5' down changing to charcoal color.
Sample taken from 4' below pit bottom.

Tests:



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

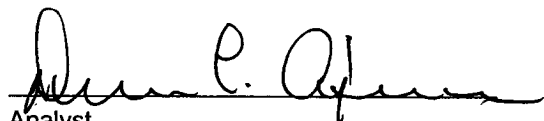
Client:	ConocoPhillips	Project #:	96052-026-096
Sample ID:	Pit #1	Date Reported:	04-03-04
Laboratory Number:	28282	Date Sampled:	03-31-04
Chain of Custody No:	11940	Date Received:	03-31-04
Sample Matrix:	Soil	Date Extracted:	04-01-04
Preservative:	Cool	Date Analyzed:	04-03-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

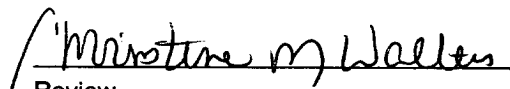
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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 #1.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-096
Sample ID:	Pit #1	Date Reported:	04-03-04
Laboratory Number:	28282	Date Sampled:	03-31-04
Chain of Custody:	11940	Date Received:	03-31-04
Sample Matrix:	Soil	Date Analyzed:	04-03-04
Preservative:	Cool	Date Extracted:	04-01-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	32.5	1.7
Ethylbenzene	22.5	1.5
p,m-Xylene	101	2.2
o-Xylene	15.2	1.0
Total BTEX	171	

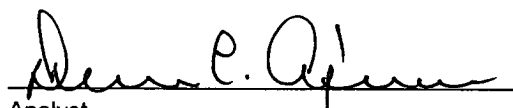
ND - Parameter not detected at the stated detection limit.

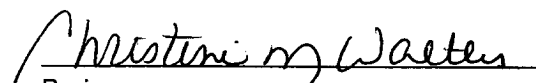
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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 #1.


Analyst


Review