

OK 12/16/04

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

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: Lodewick # 4 E API #: 30-045-25550

Well Name

Location: Unit or Qtr/Qtr Sec A Sec 18 T 27N R 9W County San Juan

Pit Type: Separator Dehydrator Other Production Tank (Pit # 1)

Land Type: BLM X, State , Fee Other

Pit Location: Pit dimensions: length 10', width 10', depth 2'

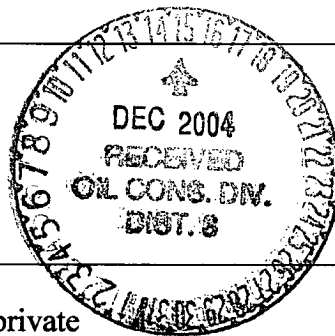
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 144-ft

Direction from reference: 40 Degrees X East North X
of
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: 7/2/04 Date completed: 7/2/04

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 4-feet below ground level (at refusal). The sample was analyzed for
GRO/DRO and BTEX analysis.

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, 4-feet below surface level (at refusal)

Sample depth 4-feet below surface level (at refusal)

Sample Date 7/2/04 Sample time 12:00

Sample Results

Benzene(ppm) 0.0093

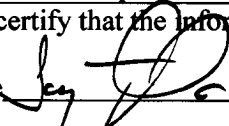
Total BTEX(ppm) 0.0786

Field headspace(ppm) NA

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  Date 12/6/04

Printed Name Larry Trujillo Title Environmental Specialist

E-mail Address fmcd_best@hotmail.com

Location: Lodewick #4E
Footages: 1040' FNL & 845' FEL
Unit Letter: A **Sec.** 18 **Twn.** 27N Rng 9W
Latitude: 36° 34.7' N **Longitude:** 107° 49.4' W
Lease Num. NMSF-077974 **Land Type:** BLM

Pit Type: Production Tank Pit (#1)

Pit Reference

Reference: wellhead **Footage:** 144'

Direction: (N) or S 40 **Degrees** (E) or W

Initial size: 10' x 10' x 2' = 200ft³

Final Size: 10' x 10' x 2' = 200ft³

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)

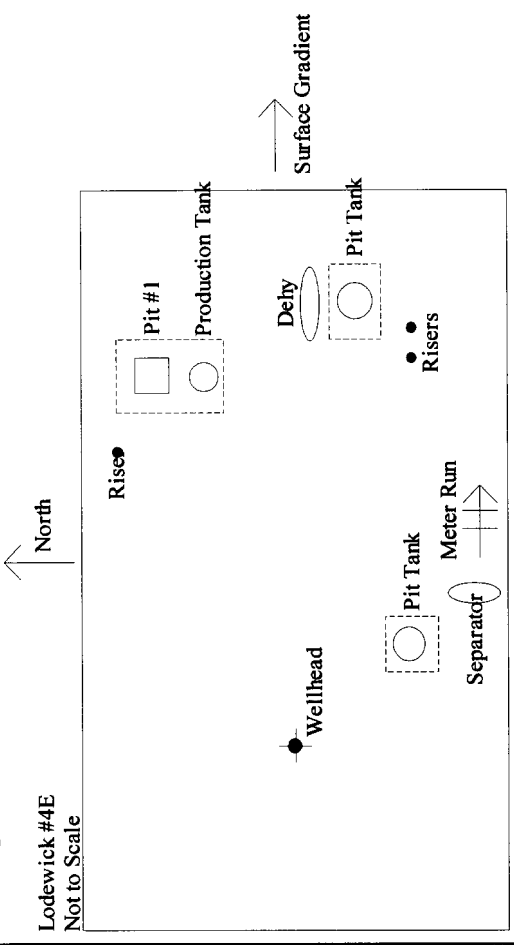
Ranking Score (points): 0 pts.

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

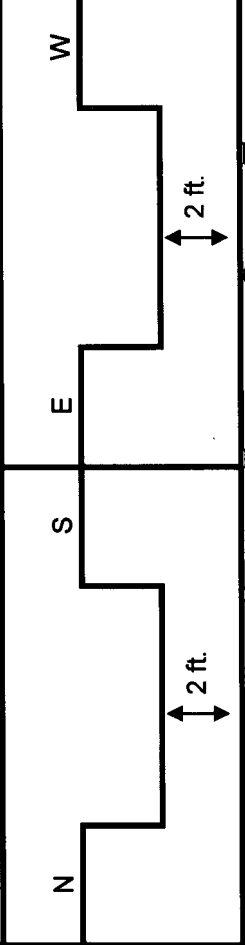
Comments:
Sample taken from pit #1, production pit, at 2'. Soil is dark brown clay.

Tests:

Site Diagram:



Not to Scale



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

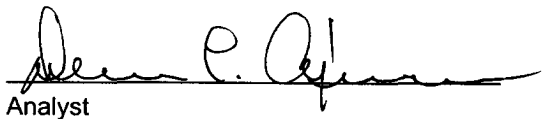
Client:	ConocoPhillips	Project #:	96052-026-112
Sample ID:	Production Pit @ 2'	Date Reported:	07-08-04
Laboratory Number:	29462	Date Sampled:	07-02-04
Chain of Custody No:	11948	Date Received:	07-02-04
Sample Matrix:	Soil	Date Extracted:	07-07-04
Preservative:	Cool	Date Analyzed:	07-08-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

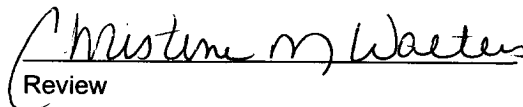
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Lodewick #4E Pit #1.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-112
Sample ID:	Production Pit @ 2'	Date Reported:	07-08-04
Laboratory Number:	29462	Date Sampled:	07-02-04
Chain of Custody:	11948	Date Received:	07-02-04
Sample Matrix:	Soil	Date Analyzed:	07-08-04
Preservative:	Cool	Date Extracted:	07-07-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	9.3	1.8
Toluene	16.9	1.7
Ethylbenzene	13.4	1.5
p,m-Xylene	30.0	2.2
o-Xylene	9.0	1.0
Total BTEX	78.6	

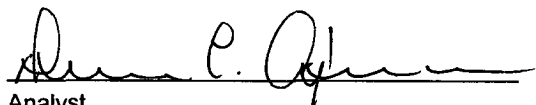
ND - Parameter not detected at the stated detection limit.

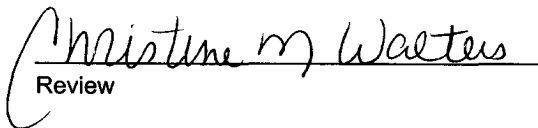
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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: Lodewick #4E Pit #1.


Analyst


Review