Risk - Defined Vertical Extent

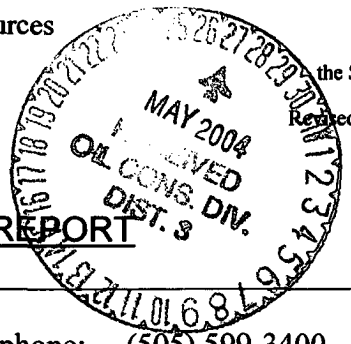
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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: Omler A #15 API # :30-045-25301
Well Name

Location: Unit or Qtr/Qtr Sec F Sec 26 T 28N R 10W County San Juan

Pit Type: Separator X Dehydrator _____ Other _____

Land Type: BLM X, State _____, Fee _____ Other _____

Pit Location: Pit dimmensions: length 15', width 18', depth 2'
(Attach diagram)

Reference: wellhead X, other _____

Footage from reference: 80

Direction from reference: 70 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) 20
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) 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):	20 pts.

Date Remediation Started: 3/19/04 Date completed: 4/22/04

Remediation Method: (Check all appropriate sections.) Excavation X Approx. cubic yards 60

Landfarmed X Insitu Bioremediation N/A

Other

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) Onsite Offsite Envirotech 5796 US Hwy 64 Farmington, NM 87401

General Description of Remedial Action: A soil sample was extracted at 5-ft below ground level (3-ft. below pit bottom). The pit was excavated (60 yd^3).A soil sample was extracted at 8-ft below ground level (pit bottom). The sample was analyzed for GRO/DRO and BTEX analysis. Refer below to analytical results.

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 #1 location Center of pit, 5-ft below surface level (3-ft. below pit bottom)

Sample depth 3-ft. below pit bottom

Sample Date 3/19/04 Sample time 9:45

Sample #2 location Center of pit, 8-ft below surface level (pit bottom)

Sample depth pit bottom

Sample Date 4/21/04 Sample time 10:15

Sample Results	#1	#2
Benzene(ppm)	0.204	0.0035
Total BTEX(ppm)	6.090	0.646
Field headspace(ppm)	N/A	N/A
TPH (ppm)	1630	2.4

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 5/10/04

Printed Name Larry Trujillo Title Environmental Specialist

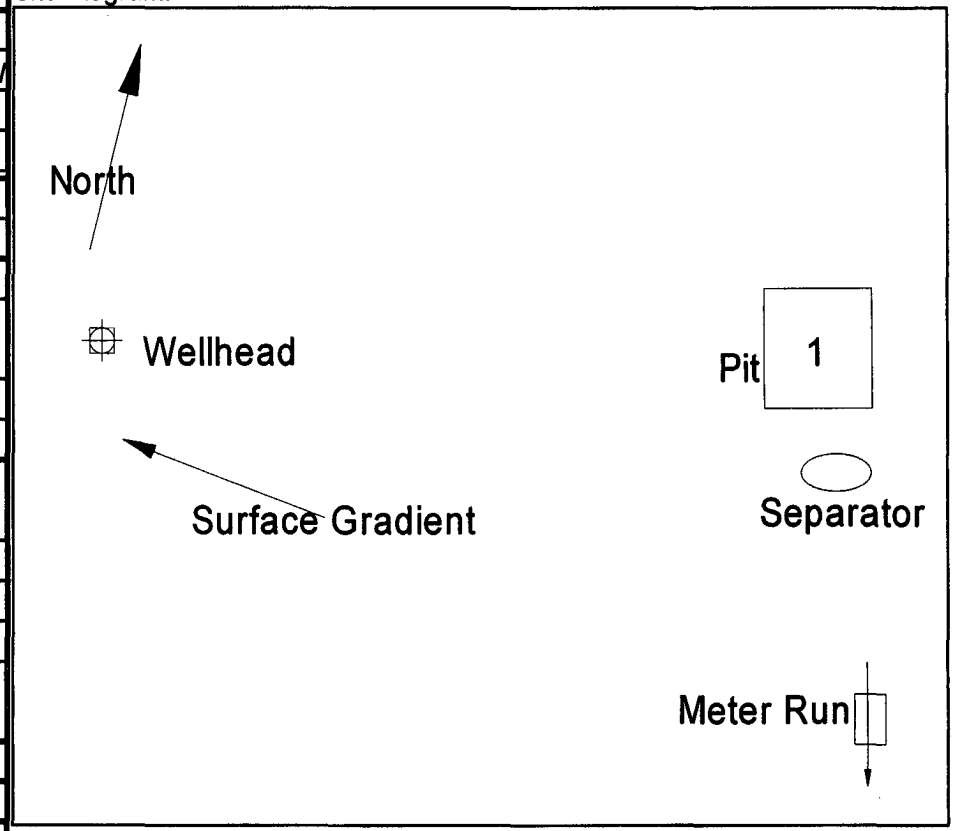
E-mail Address fmcd_best@hotmail.com

Client: ConocoPhillips

Date Began: 3/19/04 Date End: 4/22/04

Location:	Omler A # 15
Footages:	1675' FNL & 1830' FWL
Unit Letter: F	Sec. 26 Twn. 28N Rng 10W
Latitude: 36.636° N	Longitude: 107.86729° W
Lease Num.: SF-077085	Land Type: BLM
Pit Type:	Separator
Pit Reference	
Reference: Wellhead	Footage: 80-ft
Direction: N or S 70	Degrees E or W
Initial size:	15' X 18' X 2' = 540 ft^3
Final Size:	15' X 18' X 8' = 2160 ft^3
Total Cubic Yards:	60 yd^3
Distanes from (ft):	
Groundwater:	<100-ft
Wellhead Protection Area:	No
Nearest Surface Water:	>1000-ft
Distance to ephemeral stream:	N/A
(Navajo/Jicarilla only)	
Ranking Score (points):	**20**

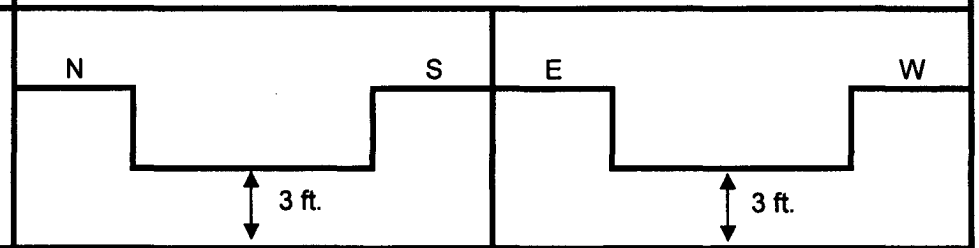
Site Diagram:



Not to Scale

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

Comments:
Soil is light brown sandy loam. At 4-ft below surface level, heavy hydrocarbon staing and odor occurred. A sample from 5-feet below surface level (3-ft below pit bottom) was pulled and sent to lab for BTEX and GRO/DRO analysis.



Prepared by: F. McDonald

Biosphere Environmental Sciences Technologies

Client: ConocoPhillips

Date Began: 3/19/04 Date End: 4/22/04

Location:	Omler A # 15
Footages:	1675' FNL & 1830' FWL
Unit Letter:	F Sec. 26 Twn. 28N Rng 10W
Latitude:	36.636° N Longitude: 107.86729° W
Lease Num.	SF-077085 Land Type: BLM
Pit Type:	Separator
Pit Reference	
Reference:	Wellhead Footage: 80-ft
Direction:	N or S 70 Degrees E or W
Initial size:	15' X 18' X 2' = 540 ft^3
Final Size:	15' X 18' X 8' = 2160 ft^3
Total Cubic Yards:	60 yd^3
Distanes from (ft):	
Groundwater:	<100-ft
Wellhead Protection Area:	No
Nearest Surface Water:	>1000-ft
Distance to ephemeral stream:	N/A
(Navajo/Jicarilla only)	
Ranking Score (points):	**20**

Sample ID	Description		OVM Reading
1			
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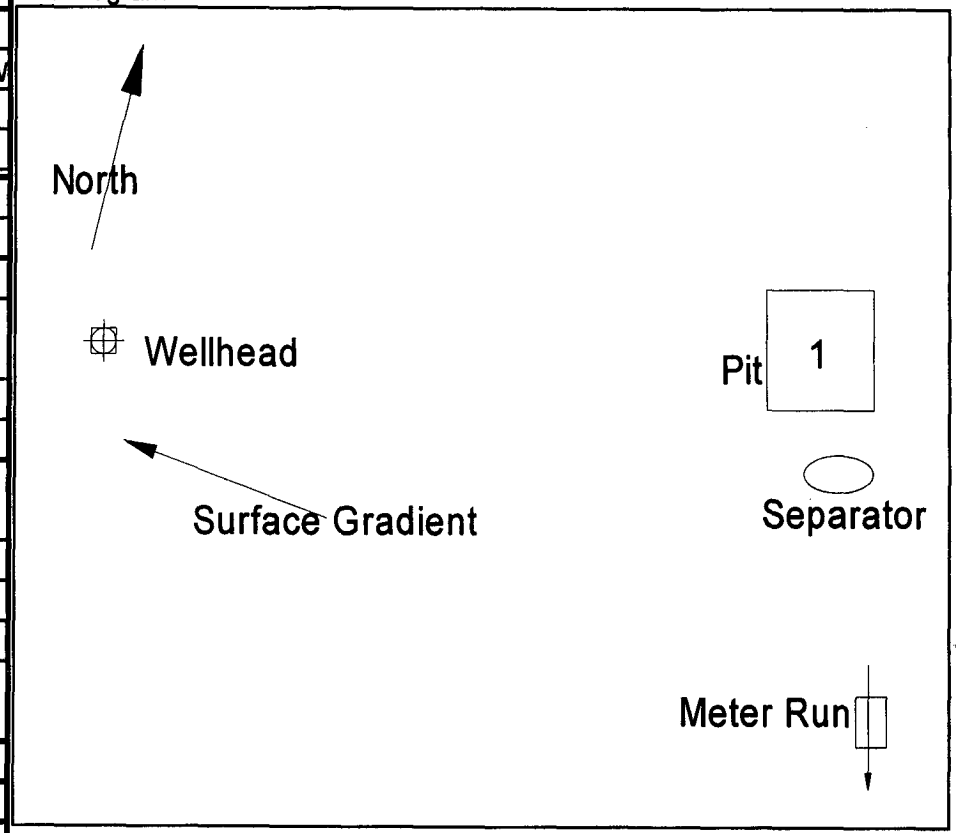
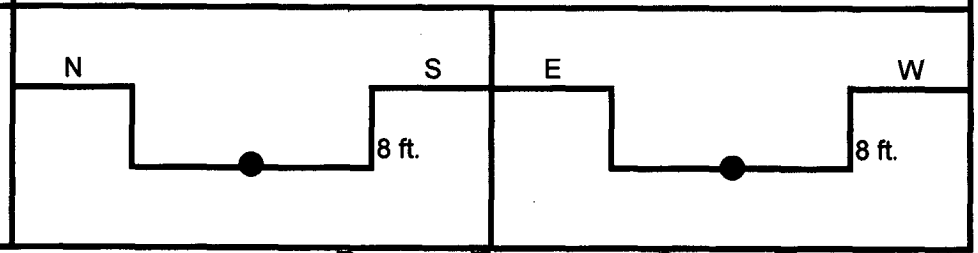
Site Diagram:



Not to Scale

Comments:
A sample from 8-feet below surface level (pit bottom) was pulled and sent to lab for BTEX and GRO/DRO analysis.



Prepared by: F. McDonald

Biosphere Environmental Sciences Technologies

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-026-094
Sample ID:	Sep Pit @ 5 ft	Date Reported:	03-23-04
Laboratory Number:	28166	Date Sampled:	03-19-04
Chain of Custody No:	11929	Date Received:	03-19-04
Sample Matrix:	Soil	Date Extracted:	03-22-04
Preservative:	Cool	Date Analyzed:	03-23-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1,630**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**1,630**	**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: **Omler A #15.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-094
Sample ID:	Sep Pit @ 5 ft.	Date Reported:	03-23-04
Laboratory Number:	28166	Date Sampled:	03-19-04
Chain of Custody:	11929	Date Received:	03-19-04
Sample Matrix:	Soil	Date Analyzed:	03-23-04
Preservative:	Cool	Date Extracted:	03-22-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**204**	**1.8**
Toluene	**1,090**	**1.7**
Ethylbenzene	**1,420**	**1.5**
p,m-Xylene	**1,600**	**2.2**
o-Xylene	**1,780**	**1.0**
Total BTEX	**6,090**	

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: **Omler A #15.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-026-098
Sample ID:	Ctr @ 8 ft	Date Reported:	04-26-04
Laboratory Number:	28458	Date Sampled:	04-21-04
Chain of Custody No:	12034	Date Received:	04-22-04
Sample Matrix:	Soil	Date Extracted:	04-23-04
Preservative:	Cool	Date Analyzed:	04-26-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**2.4**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**2.4**	**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: **Omler A #15.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-098
Sample ID:	Ctr @ 8 ft	Date Reported:	04-26-04
Laboratory Number:	28458	Date Sampled:	04-21-04
Chain of Custody:	12034	Date Received:	04-22-04
Sample Matrix:	Soil	Date Analyzed:	04-26-04
Preservative:	Cool	Date Extracted:	04-23-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**3.5**	**1.8**
Toluene	**14.8**	**1.7**
Ethylbenzene	**90.2**	**1.5**
p,m-Xylene	**422**	**2.2**
o-Xylene	**115**	**1.0**
Total BTEX	**646**	

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: **Omler A #15.**

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