OK

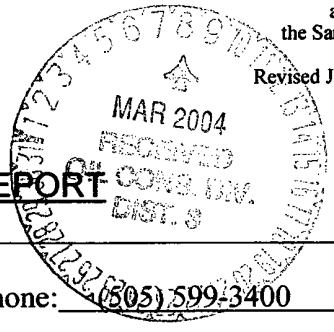
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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: Krause Wn Fed #4 API # :30-045-07087
Well Name

Location: Unit or Qtr/Qtr Sec B Sec 33 T 28N R 11W County San Juan

Pit Type: Separator X Dehydrator _____ Other _____

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

Pit Location: Pit dimmensions: length 10', width 10', depth 1'
(Attach diagram)

Reference: wellhead X, other _____

Footage from reference: 85'

Direction from reference: 20 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 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 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):	0 pts.

Date Remediation Started: 2/9/04 Date completed: 2/9/04

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

Landfarmed N/A Insitu Bioremediation _____

Other _____

_____

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

_____

General Description of Remedial Action: _____

A soil sample was extracted at 4-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, 4-ft below surface level (3-ft. below pit bottom)

_____

Sample depth 3-ft. below pit bottom

Sample Date 2/9/04 Sample time 10:49

Sample Results

Benzene(ppm) 0.0412

Total BTEX(ppm) 4.770

Field headspace(ppm) 1874

TPH 127 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 _____ Date 2/20/04

Printed Name Larry Trujillo Title Environmental Specialist

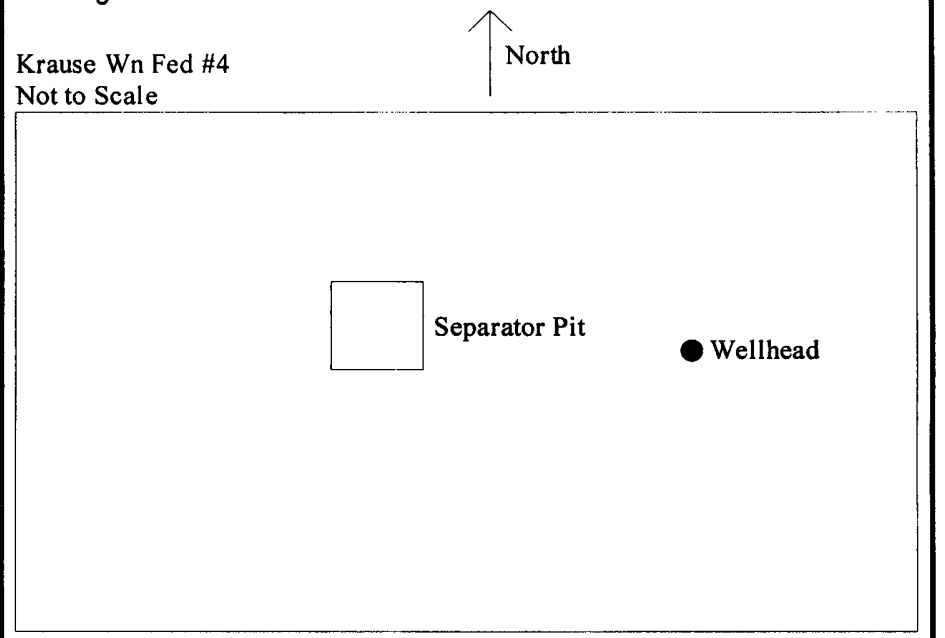
E-mail Address fmcd_best@hotmail.com

Client: ConocoPhillips Company Date Began: 2/9/04 Date End: 2/9/04

Location:	Krause Wn Fed #4
Footages:	800' FNL & 1590' FEL
Unit Letter:	B Sec. 33 Twn. 28N Rng 11W
Latitude:	36.6238° N Longitude: 108.0049° W
Lease Num.	SF-078863 Land Type: BLM
Pit Type:	Separator Pit
Pit Reference	
Reference:	Wellhead Footage: 85'
Direction:	N or (S) 20 Degrees E or (W)
Initial size:	10' × 10' × 1' = 100ft^3
Final Size:	10' × 10' × 1' = 100ft^3
Total Cubic Yards:	0 yd^3
Distanes 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	1874 ppm
2		
3		
4		
5		
6		
7		
8		
9		
10		

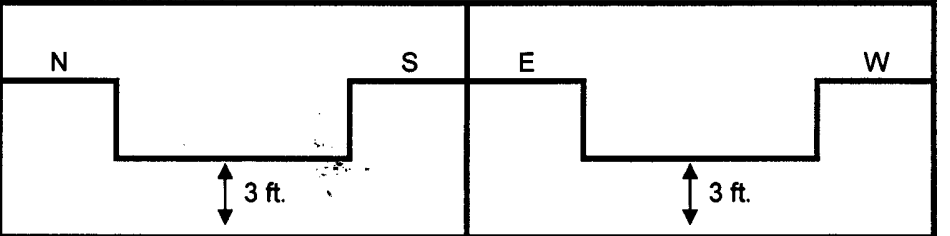
Site Diagram:



Not to Scale

Comments:
Odor & staining from 1' to bottom of boring

Tests: GRO/DRO & BTEX



Prepared by: Larry Trujillo

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 #:	96052-026-083
Sample ID:	Sep Pit	Date Reported:	02-12-04
Laboratory Number:	27816	Date Sampled:	02-09-04
Chain of Custody No:	11757	Date Received:	02-09-04
Sample Matrix:	Soil	Date Extracted:	02-09-04
Preservative:	Cool	Date Analyzed:	02-12-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**91.7**	**0.2**
Diesel Range (C10 - C28)	**34.9**	**0.1**
Total Petroleum Hydrocarbons	**127**	**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: **Krause WN Fed #4.**

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 #:	96052-026-083
Sample ID:	Sep Pit	Date Reported:	02-12-04
Laboratory Number:	27816	Date Sampled:	02-09-04
Chain of Custody:	11757	Date Received:	02-09-04
Sample Matrix:	Soil	Date Analyzed:	02-12-04
Preservative:	Cool	Date Extracted:	02-09-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**41.2**	**1.8**
Toluene	**787**	**1.7**
Ethylbenzene	**418**	**1.5**
p,m-Xylene	**2,600**	**2.2**
o-Xylene	**927**	**1.0**
Total BTEX	**4,770**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**95 %**

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: **Krause WN Fed #4.**

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 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	02-12-TPH QA/QC	Date Reported:	02-12-04
Laboratory Number:	27815	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-12-04
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	04-29-03	1.8591E-002	1.8572E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-29-03	1.5507E-002	1.5492E-002	**0.10%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**6.5**	**6.4**	**1.5%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**6.5**	**250**	**256**	**99.8%**	**75 - 125%**

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: **QA/QC for samples 27815 - 27817, 27824 - 27825, 27829 - 27830.**

Analyst

Review

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