

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

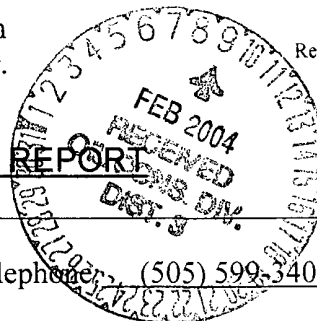
State of New Mexico
Energy Minerals and Natural Resources

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: Krause Wn Fed #8 API #: 30-045-07133

Well Name

Location: Unit or Qtr/Qtr Sec M Sec 29 T 28N R 11W County San Juan

Pit Type: Separator X Dehydrator Other

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: 120'

Direction from reference: 40 Degrees X East North
of
 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: 12/30/03 Date completed: 12/30/03

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 5-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, 5-ft below surface level (3-ft. below pit bottom)

Sample depth 3-ft. below pit bottom

Sample Date 12/30/03 Sample time 14:17

Sample Results

Benzene(ppm) 0.157

Total BTEX(ppm) 3.020

Field headspace(ppm) 1867

TPH 4700 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 2/2/04

Printed Name Larry Trujillo Title Environmental Specialist

E-mail Address fmcd_best@hotmail.com

Location: Krause Wn Fed #8
Footages: 1080' FSL & 1050' FWL
Unit Letter: M Sec. 29 Twn. 28N Rng. 11W
Latitude: 36° 37.7' N **Longitude:** 107° 1.9' W
Lease Num. SF-78863 **Land Type:** BLM

Pit Type: Separator

Pit Reference

Reference: wellhead Footage: 120'
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):

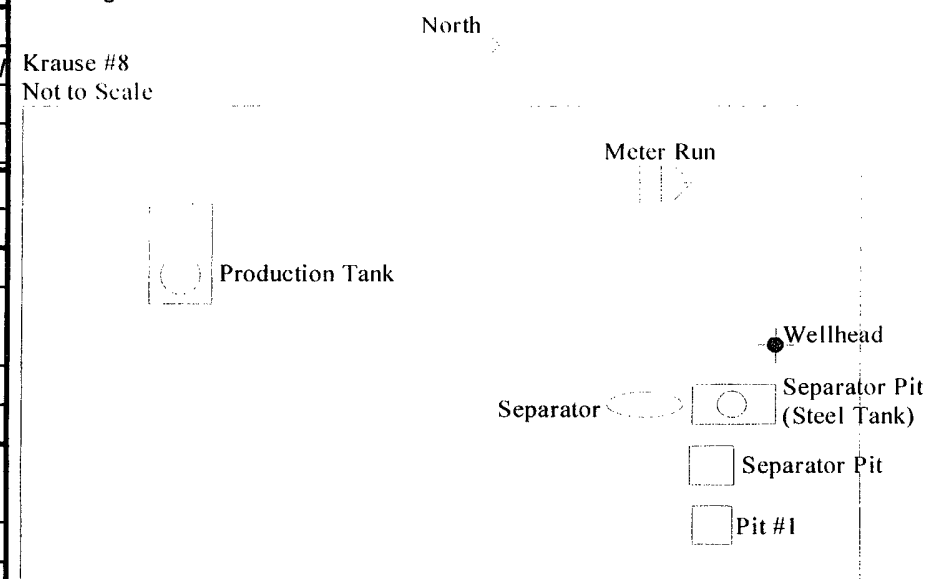
Groundwater: > 100ft
Wellhead Protection Area: No
Nearest Surface Water: > 1000ft.
Distance to ephemeral stream: N/A
 (Navajo/Jicarilla only)

Ranking Score (points): 0 pts.

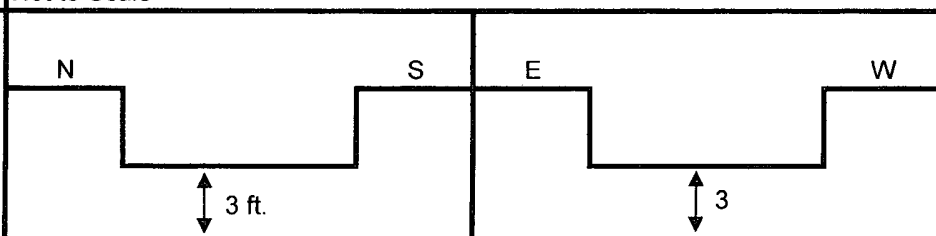
Sample ID	Description	OVIM Reading
1	3' below pit bottom	1867 ppm
2		
3		
4		
5		
6		
7		
8		
9		
10		

Comments:

Sampled at bedrock 3 ft. below pit bottom.

Tests:**Site Diagram:**

Not to Scale



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

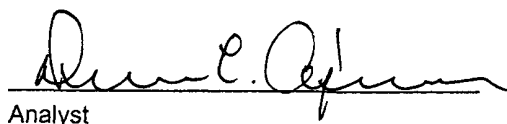
Client:	ConocoPhillips	Project #:	96052-026-070
Sample ID:	Sep Pit	Date Reported:	12-31-03
Laboratory Number:	27451	Date Sampled:	12-30-03
Chain of Custody No:	11700	Date Received:	12-30-03
Sample Matrix:	Soil	Date Extracted:	12-30-03
Preservative:	Cool	Date Analyzed:	12-31-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

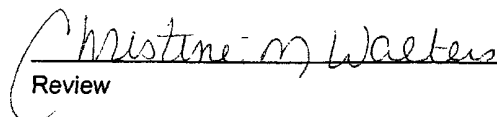
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,570	0.2
Diesel Range (C10 - C28)	2,130	0.1
Total Petroleum Hydrocarbons	4,700	0.2

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 #8.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-070
Sample ID:	Sep Pit	Date Reported:	12-31-03
Laboratory Number:	27451	Date Sampled:	12-30-03
Chain of Custody:	11700	Date Received:	12-30-03
Sample Matrix:	Soil	Date Analyzed:	12-31-03
Preservative:	Cool	Date Extracted:	12-30-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	157	1.8
Toluene	487	1.7
Ethylbenzene	382	1.5
p,m-Xylene	1,470	2.2
o-Xylene	521	1.0
Total BTEX	3,020	

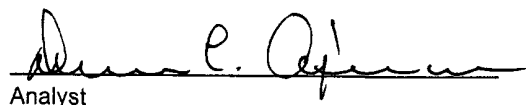
ND - Parameter not detected at the stated detection limit.

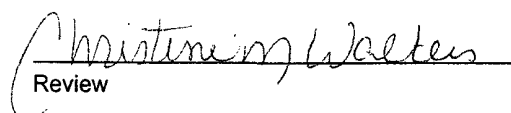
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

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 #8.


Analyst


Review