<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 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

DIST. 8

## PIT REMEDIATION AND CLOSURE REPORT

Operator: ConocoPhillips Company	Telephone: (\$05) 59	9-3400		
Address: 5525 Hwy. 64 Farmington, NM 87401				
Facility Or: Krause Wn Fed #3E Well Name	API #:30-045-24288			
Location: Unit or Qtr/Qtr Sec C	Sec 33 T 28N R 11W County S	San Juan		
Pit Type: Separator Dehydrator	Other Drip Pit			
Land Type: BLM X, State,	FeeOther			
Pit Location: Pit dimmensions: length20', width20', depth3'(Attach diagram)  Reference: wellheadX, other				
Footage from reference:6	5'			
Direction from reference:15 Degrees East North				
Direction from reference:		North		
Direction from reference:	15 Degrees East 1 of X West 1			
Direction from reference:  Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	of X West			
Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of	Less than 50 feet 50 feet to 99 feet Greater than 100 feet  Yes	South X (20 points) (10 points)		
Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)  Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than	Less than 50 feet 50 feet to 99 feet Greater than 100 feet  Yes	(20 points) (10 points) ( 0 points) 0		

Date Remediation Starte	d: <u>2/9/04</u> Date completed: <u>2/9/04</u>					
Remediation Method:	Excavation N/A Approx. cubic yards					
(Check all appropriate sections.)	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 extrac	ted at 6-ft below ground level (3-ft. below pit bottom). The sample was analyzed for					
GRO/DRO analysis. All	analyses were within BLM and NMOCD requirements.					
	· · · · · · · · · · · · · · · · · · ·					
Ground Water Encounter	red: No X Yes Depth					
Final Pit: Closure Sampling: (if multiple samples,	Sample location Center of pit, 6-ft below surface level (3-ft. below pit bottom)					
attach sample results and diagram of sample	Sample depth 3-ft. below pit bottom					
locations and depths)	Sample Date <u>2/9/04</u> Sample time <u>10:13</u>					
	Sample Results					
	Benzene(ppm)N/A					
	Total BTEX(ppm) N/A					
	Field headspace(ppm)2.3					
	TPH6.5					
Ground Water Sample:	Yes NoX (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 <u>Larry Tru</u>	ujillo Title Environmental Specialist					
E-mail Address fmcd_best@hotmail.com						

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Location:   Krause Wn Fed #3E   Site Diagram:   Footage:   835 FNL & 1810* FWL   Unit Letter.   Latitude:   36.62369* N   Longitude:   108.01125* W   Lasse Num.   SF-078863   Land Type:   BLM   SF-078863   Land Type:   BLM   Not to Scale	CHERT: Con	ocornilips Compan	y				Date Dega	<u>II.</u> 2/3/04	Dale Eliu. 2/9/
Unit Letter: C Sec. 33 Twn. 28N Rng 11W Largitude: 108 011 25° W Largitude: 108 011 25° W Largitude: 108 011 25° W Not to Scale    Not to Scale   North   North	Location:					Site Diagram:			
Latitude: 36.62369*N Longitude: 108.01125*W Not to Scale  Lease Num. SF-078863 Land Type: BLM  Pit Type: Drip Pit  Pit Reference  Reference: wellheed Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Direction: N or S 15 Degrees E or Wellhead  Footage: 65  Drip Pit  Wellhead  Footage: N Meter Run  Meter R	Footages:		835' FNL	& 1810' FWL				$\uparrow$	
Lease Num. SF-078863		С	Sec.	33 Tv	vn. 28N Rng 11W	Krause Wn Fed #3F		North	
Lease Num.   SF-078863   Land Type:   BLM   Pit Type:   Drip Pit   Pit Reference   Wellhead   Footage:   65   Degrees   E or (W)   Final Size:   20' × 20' × 3' = 1200 ft <sup>2</sup>	Latitude:	36.62369°	N			TITI GUIDE		1	
Pit Reference   Reference   Wellhead   Footage:   65     Direction: N or   15   Degrees   E   or   Wellhead     Drip Pit   Wellhead   Drip Pit	Lease Num.	SF-07886	3	Land Typ	oe: BLM				
Pit Reference   Reference   Reference   Reference   Wellhead   Footage   65     Direction   Nor (\$ 15	Pit Type:		D	rip Pit					
Direction:   N or   S   15   Degrees   E   or   W	Pit Referenc	:е							
nitial size:	Reference:	wellhead	_	Footage:	65				•
Final Size: 20 × 20 × 3" = 1200 ft <sup>3</sup> Total Cubic Yards: 0 yd <sup>3</sup> Distance from (ft):  Stroundwater: > 100 ft.  Wellhead Protection Area: No Nearest Surface Water: > 1000 ft.  Distance to ephemeral stream: N/A  Navajo/Jicarilla only)  Ranking Score (points): 0 pts.  Sample ID Description OVM Reading  1 3' below pit bottom 2.3 ppm  2 3 4 4 5 5 6 6 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Direction:	N or S	15	Degrees	E or W				
Total Cubic Yards: 0 yd3	nitial size:	_	20' × 20' >	$\times$ 3' = 1200 ft <sup>3</sup>			Dri	ip Pit	<ul><li>Wellhead</li></ul>
Total Cubic Yards:   0 yd3	inal Size:		20' × 20' >	× 3' = 1200 ft <sup>3</sup>					
Second water:   Second water	otal Cubic	Yards:							
State   Stat	Distanes fro	m (ft):				]			
Wellhead Protection Area:   No				> 100	ft.				
Nevariance   Nev	Wellhead Pro	otection Area:				1	Mete	er Run	
Not to Scale   Section	Nearest Surfa	ace Water:			ft.			$\rightarrow$	
Navajo/Jicarilla only)  Ranking Score (points):  Sample ID	Distance to e	phemeral stream:					ı	17	
Ranking Score (points): 0 pts.		•							
Sample ID   Description   OVM Reading	-	* *		0 pts					
1 3' below pit bottom 2.3 ppm 2 3 4 5 5 6 7 7 8 9 9 10 10 Not to Scale  Comments: No odor or staining.  No staining.  Rests: GRO/DRO  3' below pit bottom 2.3 ppm 4		······································				1			
2	Sample ID	Description	OVM Re	ading		1			
2	1	3' below pit bottom				1			
4	2								
5	3			·		1			
6	4					1			
7 8 9 10 Not to Scale  Comments: No odor or staining.  N S E W  3 ft.	5					1			
7	6								
9   Not to Scale  Comments: No odor or staining.  N S E W  Tests: GRO/DRO	7					1			
9   Not to Scale  Comments: lo odor or staining.  N S E W  Sests: GRO/DRO	8					1			
Not to Scale  No odor or staining.  No SEW  W  Tests: GRO/DRO						1			
No odor or staining.  N S E W  Tests: GRO/DRO					<del></del>	Not to Scale	r.		
No odor or staining.  N S E W  Tests: GRO/DRO	Comments:								
Tests: GRO/DRO \$\frac{1}{3} \text{ ft.} \$\frac		aining.				N	s	E	W
Tests: GRO/DRO \$\frac{1}{2} \text{ 3 ft.} \$\frac{1}{2} \text{ 3 ft.}									
Tests: GRO/DRO				÷ •.				<b>!</b>	ł
Tests: GRO/DRO						<b>A</b> • • • • • • • • • • • • • • • • • • •		<u> </u>	<u> </u>
	ests:	GRO/DRO				<u> </u>	(. ~ · · · · · · · · · · · · · · · · · ·		<b>↓</b> 3 π.
<u>Prepared by:</u> Larry Trujillo Biosphere Environmental Sciences Technologies	Prepared by:	Larry Trujillo					Biosphere	Environmenta	l Sciences Technologi



## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-026-082
Sample ID:	Drip Pit	Date Reported:	02-12-04
Laboratory Number:	27815	Date Sampled:	02-09-04
Chain of Custody No:	11756	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)	ND	0.2
Diesel Range (C10 - C28)	6.5	0.1
Total Petroleum Hydrocarbons	6.5	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 #3E.

Analyst

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