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 REPO

			<u></u>		
Operator: ConocoPhillips Company		Telephone: (505) 55	777 \? \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
Address: 5525 Hwy. 64 Farmington, NM 87401					
Facility Or: Gallegos #3 Well Name	····	API #:30-045-21290			
Location: Unit or Qtr/Qtr SecD	Sec 33	T <u>26N</u> R <u>11W</u> County S	San Juan		
Pit Type: Separator X Dehydrator	Ot	her	<del> </del>		
Land Type: BLM X, State,	Fee	Other Navajo Allotted	<u> </u>		
Pit Location: Pit dimmensions: length		idth 10°, depth 2			
Footage from reference:	70'				
Direction from reference: 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) 10		
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) <u>0</u>		
	RANK	ING SCORE (TOTAL POINTS):	10 pts.		

Date Remediation Starte	ed: <u>2/17/04</u> Date completed: <u>2/17/04</u>					
Remediation Method: (Check all appropriate	Excavation N/A Approx. cubic yards					
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 extra	cted at 4-ft below ground level (1-ft. below pit bottom at bedrock). Sample taken at					
refusal. The sample wa	s analyzed for GRO/DRO analysis. All analyses were within BLM and NMOCD					
requirements.						
Ground Water Encounted	ered: No X Yes Depth					
Final Pit: Closure Sampling: (if multiple samples,	Sample location <u>Center of pit, 4-ft below surface level (1-ft. below pit bottom at bedrock)</u>					
attach sample results and diagram of sample	Sample depth 3-ft. below pit bottom					
locations and depths)	Sample Date <u>2/17/04</u> Sample time <u>9:38</u>					
	Sample Results					
Benzene(ppm) N/A						
Total BTEX(ppm)N/A						
Field headspace(ppm)3.0						
TPH Non Detect						
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 Trujillo</u> <u>Title Environmental Specialist</u>						
E-mail Address fmcd_b	est@hotmail.com					

Second	Client: Cor	nocornilips Compar	ıy	_			<u> </u>	Jale Deyan.	2111104	Date Line	<u>.</u> 4111104
Unit Letter: D Sec. 33 Twn. 26N Rng 11W Lettude: 36° 26 '57' N Longitude: 108° 00 '51' W Lesse Num. 1-149-IND-79-71 Land Type: Navajo Allotted Pit Type: Separator Pit Separator Pit Type: Separator Pit Wellhead Frotage: 70' Direction: № or S 90 Degrees € or Wellhead Individual Size: 10' x 10' x 3' = 300ft³ Wellhead Individual Size: 10' x 10' x 3' = 300ft³ Distance from (ft): 0 y y³ = 300ft³ Distance from (ft): 0 y y³ = 300ft³ Distance to ephemeral stream: No Nearest Surface Water: No Nearest Surfa	Location:	Gallegos #3				Site Diagram:				· · · · · · · · · · · · · · · · · · ·	
Latitude:  Lass Num.  1-149-IND-79-71  Land Type: Navajo Altoted Pit Type:  Separator Pit Pit Reference  Reference:  Wellhead  Flootage:  10 x 10 x 3 = 300ft²  Total Cubic Yards:  Direction:  No Wellhead Protection Area:  No Nearest Surface Water:  > > 1000ft.  Distance from (ft):  Groundwater:  No Nearest Surface Water:  > > 1000ft.  Distance to ephemeral stream:  (Navajo/Jucarilla only)  Ranking Score (points):  10 pts.  Sample ID  Description  1 sep @ 1 BPB 3.0 ppm  2 tank @ 3 BPB 3.4 ppm  3 drip @ 3 BPB 8.1 ppm  4  5  6  7  8  9  9  10  Comments:  Salegos Carryon borders location to the west.  Pit #1: shale or weathered sandstone at 1' (sample collected) Pit #2: sample at 3' below pit bottom Pit #3: sample d at 3' below pit bottom Pit #3: sample d at 3' below pit bottom Pit #3: sample d at 3' below pit bottom  Tests:  GRO/DRO	Footages:		1010' FN	L & 1060' FV	VL				$\wedge$		
Latitude: 36° 26' 57" N	Unit Letter:	D	Sec.	33	Twn. 26N Rng 11	W Gallegos #3			North		
Pit Type:	Latitude:	36° 26' 57"	N			Not to Scale					
Pit Reference	Lease Num.	1-149-IND-79	9-71	Land 7	ype: Navajo Allotte	d					
Pit Reference   Reference   Wellhead   Foolage:   70'   Direction:   No or S   90   Degrees   E   or W   Initial size:   10' × 10' × 3' = 300ft <sup>3</sup>   Drip Pit   Tank Pit   Ta	Pit Type:		Sep	arator Pit							
Reference:	Pit Referen	ce	<del></del>							Separator Pit	
Direction:	Reference:	wellhead	<del></del>	Footage:	70'	7				•	
Initial size:	Direction:	N or S	90	•	s (E) or V	<b>∄</b>		,	<b>~</b>		
Total Cubic Yards:   0 yd3	Initial size:		10' × 10	•				•	Wellhea	d	
Total Cubic Yards:   0 yd3	Final Size:		10' × 10	' × 3' = 300ft <sup>3</sup>	3	7		D-:- I	7:4		
Distance from (ft):   Groundwater:	<b>Total Cubic</b>	Yards:				1		Drip i	-11	Ta	l. Di4
Wellhead Protection Area:         No           Nearest Surface Water:         > 1000ft.           Distance to ephemeral stream:         N/A           (Navajo/Jicarilla only)         N/B           Ranking Score (points):         10 pts.           Sample ID         Description         OVM Reading           1         sep @ 1' BPB         3.0 ppm           2         tank @ 3' BPB         3.4 ppm           3         drip @ 3' BPB         8.1 ppm           4         1         5           6         7           8         9           10         Not to Scale           Comments:         Ranking Score (points):           6         Not to Scale           7         Not to Scale           Comments:         Not to Scale           Gallegos Caryon borders location to the west.         Not to Scale           Pit #2: sampled at 3' below pit bottom         Not to Scale           Tests:         GRO/DRO	Distanes fro	om (ft):								l la	nk Pit
Nearest Surface Water:   > 1000ft.	Groundwate	r:		50ft to	99ft						
Distance to ephemeral stream:  (Navajo/Jicarilla only)  Ranking Score (points):  Sample ID  Description  OVM Reading  1 sep @ 1' BPB 3.0 ppm  2 tank @ 3' BPB 3.4 ppm  3 drip @ 3' BPB 8.1 ppm  4 5 6 7 7 8 8 9 10 Not to Scale  Comments:  Gallegos Canyon borders location to the west.  Pit #1: shale or weathered sandstone at 1' (sample collected)  Pit #2: sampled at 3' below pit bottom  Pit #3: sampled at 3' below pit bottom  Tests: GRO/DRO	Wellhead Pr	otection Area:		N	0	7					
(Navajo/Jicarilla only) Ranking Score (points): 10 pts.    Sample ID	Nearest Sur	face Water:		> 10	00ft.	7					
Ranking Score (points): 10 pts.	Distance to	ephemeral stream:		N/	Ά						
Sample ID   Description   OVM Reading		• •									
1 sep @ 1' BPB 3.0 ppm 2 tank @ 3' BPB 3.4 ppm 3 drip @ 3' BPB 8.1 ppm 4 5 6 7 8 9 10 Not to Scale  Comments: Gallegos Canyon borders location to the west. Pit #1: shale or weathered sandstone at 1' (sample collected) Pit #2: sampled at 3' below pit bottom Pit #3: sampled at 3' below pit bottom Tests: GRO/DRO	Ranking	Score (points):		10 p	ots.						
1 sep @ 1' BPB 3.0 ppm 2 tank @ 3' BPB 3.4 ppm 3 drip @ 3' BPB 8.1 ppm 4 5 6 7 8 9 10 Not to Scale  Comments: Gallegos Canyon borders location to the west. Pit #1: shale or weathered sandstone at 1' (sample collected) Pit #2: sampled at 3' below pit bottom Pit #3: sampled at 3' below pit bottom Tests: GRO/DRO						]					
2 tank @ 3' BPB	Sample ID	Description	OVM Re	eading		]					
3 drip @ 3' BPB 8.1 ppm 4 5 5 6 7 7 8 9 10 Not to Scale  Comments: Gallegos Canyon borders location to the west. Pit #1: shale or weathered sandstone at 1' (sample collected) Pit #2: sampled at 3' below pit bottom  Tests: GRO/DRO  Not to Scale	11	sep @ 1' BPB	3.0 ppm								
4	2	tank @ 3' BPB	3.4 ppm								
5 6 7 8 9 10 Not to Scale  Comments: Gallegos Canyon borders location to the west. Pit #1: shale or weathered sandstone at 1' (sample collected) Pit #2: sampled at 3' below pit bottom Pit #3: sampled at 3' below pit bottom Tests: GRO/DRO	3	drip @ 3' BPB	8.1 ppm								
6	4										
7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	5		<u> </u>								
8	6			_							
9 10 Not to Scale  Comments: Gallegos Canyon borders location to the west. Pit #1: shale or weathered sandstone at 1' (sample collected) Pit #2: sampled at 3' below pit bottom Pit #3: sampled at 3' below pit bottom  Tests: GRO/DRO  Not to Scale	7										
Tests: GRO/DRO  Not to Scale	8					_					
Comments: Gallegos Canyon borders location to the west. Pit #1: shale or weathered sandstone at 1' (sample collected) Pit #2: sampled at 3' below pit bottom Pit #3: sampled at 3' below pit bottom  Tests: GRO/DRO  N S E W  1 ft.											
Gallegos Canyon borders location to the west.  Pit #1: shale or weathered sandstone at 1' (sample collected)  Pit #2: sampled at 3' below pit bottom  Pit #3: sampled at 3' below pit bottom  Tests: GRO/DRO  N  S  E  W  1 ft.			<u></u>	···		Not to Scale		ř			* * .
Pit #1: shale or weathered sandstone at 1' (sample collected) Pit #2: sampled at 3' below pit bottom Pit #3: sampled at 3' below pit bottom  Tests: GRO/DRO  1 ft.											
Pit #2: sampled at 3' below pit bottom Pit #3: sampled at 3' below pit bottom  Tests: GRO/DRO  1 ft.	Gallegos Car	nyon borders locatio	n to the w	est.	4	N		S	Ε		W
Pit #3: sampled at 3' below pit bottom  Tests: GRO/DRO  1 ft.				(sample coll	ectea)						
Tests: GRO/DRO							·				j
- · · · · · · · · · · · · · · · · · · ·	Tests:	•					<b>1</b> 1 ft.			<b>1</b> ft.	
	L	r. Larry Trujillo					<u> </u>	Biosphere	Environm	ental Sciences Ted	hnologies



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

Client:	ConocoPhillips	Project #:	96052-026-084
Sample ID:	Sep Pit (Pit #1)	Date Reported:	02-18-04
Laboratory Number:	27842	Date Sampled:	02-17-04
Chain of Custody No:	11758	Date Received:	02-17-04
Sample Matrix:	Soil	Date Extracted:	02-17-04
Preservative:	Cool	Date Analyzed:	02-18-04
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:

Gallegoes #3.

Analyst

Mistine of Walters Review