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

	WEST 77 \ ( )		
Operator: ConocoPhillips Company	Telephone: (505) 599-3400		
Address: 5525 Hwy. 64 Farmington, NM 87401			
Facility Or: Blanco Wash Federal #2 Well Name	API # :30-045-07090		
	Sec <u>34</u> T 28N R 9W County San Juan		
Pit Type: Separator X Dehydrator	Other		
Land Type: BLM X, State ,	, Fee Other		
Pit Location: Pit dimmensions: length(Attach diagram)	10', width 10', depth 4'		
Reference: wellhead X,	, other		
Footage from reference:	62'		
Direction from reference: 40 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 (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)		
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)		
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)		
	RANKING SCORE (TOTAL POINTS): 0 pts.		

ato itomodiation started	: <u>8/12/03</u> Date completed: <u>8/12/03</u>
Remediation Method: I	Excavation N/A Approx. cubic yards
Check all appropriate sections.)	Landfarmed N/A Insitu Bioremediation
(	Other
Remediation Location: (i.e. landfarmed onsite, lame and location of offsite facility)	Onsite Offsite
General Description of R	emedial Action:
A soil sample was extrac	ted at 7-ft below ground level (3-ft. below pit bottom). The sample was analyzed for
GRO/DRO and RTFX ar	nalysis. All analyses were within BLM and NMOCD requirements.
ORO/BRO und Billium	any sis. 1111 dilary ses were within BEM dila NATOOD requirements.
Cround Water Engagenter	and No. V. Von Domth
Ground Water Encounter	red: No X Yes Depth
Final Pit: Closure Sampling:	Sample location Center of pit, 7-ft below surface level (3-ft. below pit bottom)
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample	
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Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample	Sample location Center of pit, 7-ft below surface level (3-ft. below pit bottom)  Sample depth 3-ft. below pit bottom  Sample Date 8/12/03 Sample time 9:30
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample	Sample location Center of pit, 7-ft below surface level (3-ft. below pit bottom)  Sample depth 3-ft. below pit bottom  Sample Date 8/12/03 Sample time 9:30  Sample Results
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Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)	Sample location Center of pit, 7-ft below surface level (3-ft. below pit bottom)  Sample depth 3-ft. below pit bottom  Sample Date 8/12/03 Sample time 9:30  Sample Results  Benzene(ppm) 0.0172  Total BTEX(ppm) 5.430  Field headspace(ppm) N/A  TPH 464 ppm  Yes No X (If yes, attach sample results)
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)  Ground Water Sample:	Sample location Center of pit, 7-ft below surface level (3-ft. below pit bottom)  Sample depth 3-ft. below pit bottom  Sample Date 8/12/03 Sample time 9:30  Sample Results  Benzene(ppm) 0.0172  Total BTEX(ppm) 5.430  Field headspace(ppm) N/A  TPH 464 ppm
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)  Ground Water Sample: I hereby certify that the i	Sample location Center of pit, 7-ft below surface level (3-ft. below pit bottom)  Sample depth 3-ft. below pit bottom  Sample Date 8/12/03 Sample time 9:30  Sample Results  Benzene(ppm) 0.0172  Total BTEX(ppm) 5.430  Field headspace(ppm) N/A  TPH 464 ppm  Yes No X (If yes, attach sample results)
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)  Ground Water Sample:	Sample location Center of pit, 7-ft below surface level (3-ft. below pit bottom)  Sample depth 3-ft. below pit bottom  Sample Date 8/12/03 Sample time 9:30  Sample Results  Benzene(ppm) 0.0172  Total BTEX(ppm) 5.430  Field headspace(ppm) N/A  TPH 464 ppm  Yes No X (If yes, attach sample results)  Information above is true and complete to the best of my knowledge and belief.  Date 2/3/04

8/12/03 Client: ConocoPhillips Company Date Began: 8/12/03 Date End: Location: Blanco Wash Federal #2 Site Diagram: Footages: 790' FSL & 1700' FWL Blanco Wash Fed #2 NA Unit Letter: -26-34 Twn. 28N Rng 9W North Sec. Not To Scale Latitude: 36° 37.5' N Longitude: 107° 46.1' W Lease Num. Land Type: BLM Pit Type: Wellhead Separator Pit Reference Reference: Footage: 62' wellhead (E) or Separator Direction: S W 40 Degrees or Separato Initial size: 10' X 10' X 4' = 400ft<sup>3</sup> 10' X 10' X 4' = 400ft<sup>3</sup> Final Size: 0 yd<sup>3</sup> **Total Cubic Yards:** Production Distanes from (ft): Production Tank Groundwater: >100ft. Wellhead Protection Area: No >1000ft. Nearest Surface Water: Distance to ephemeral stream: N/A (Navajo/Jicarilla only) Ranking Score (points): 0 pts. Sample ID Description **OVM Reading** 1 3' below pit bottom N/A 2 3 4 5 6 8 9 10 Not to Scale Comments: W Ν S Ε 3 ft. 3 ft. Tests: Biosphere Environmental Sciences Technologies Prenared hy



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

Client:	ConocoPhillips	Project #:	96052-026-021
Sample ID:	Water/Vent Pit	Date Reported:	08-14-03
Laboratory Number:	26344	Date Sampled:	08-12-03
Chain of Custody No:	11030	Date Received:	08-13-03
Sample Matrix:	Soil	Date Extracted:	08-14-03
Preservative:	Cool	Date Analyzed:	08-14-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	349	0.2
Diesel Range (C10 - C28)	115	0.1
Total Petroleum Hydrocarbons	464	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:

Blanco Wash Fed #2.

Analyst

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## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-021
Sample ID:	Water/Vent Pit	Date Reported:	08-14-03
Laboratory Number:	26344	Date Sampled:	08-12-03
Chain of Custody:	11030	Date Received:	08-13-03
Sample Matrix:	Soil	Date Analyzed:	08-14-03
Preservative:	Cool	Date Extracted:	08-14-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	17.2	1.8
Toluene	1,680	1.7
Ethylbenzene	601	1.5
p,m-Xylene	2,070	2.2
o-Xylene	1,060	1.0
Total BTEX	5,430	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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:

Blanco Wash Fed #2.

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