

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

Form C-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: ConocoPhillips Telephone: (505) 566 3400 e-mail address: monicaolson@conocophillips.com  
Address: 5525 US Highway 64 Farmington, New Mexico 87413  
Facility or well name: San Juan 29-6 # 54 API #: 30-039-07695 U/L or Qtr/Qtr K Sec 04 T 29N R 06W  
County: San Juan Latitude 36° 45.1' Longitude 107° 28.3' NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

**Pit**

Type: Drilling ☐ Production ☒ Disposal ☒

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

Liner type: Synthetic ☐ Thickness        mil Clay ☐

Pit Volume 20 bbl

**Below-grade tank**

Volume:        bbl Type of fluid:       

Construction material:       

Double-walled, with leak detection? Yes ☐ If not, explain why not.       

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

50 to 99 feet

10 points

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

No

0 points

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

200 to 1000 feet

10 points

**Ranking Score (Total Points)**

**20**

**If this is a pit closure:** (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility EnviroTech Land Farm (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface        ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: A composite sample was extracted from the pit walls 8-10 feet. Center of pit sampled at bottom of excavation at 10-12 feet

The samples were analyzed for GRO/DRO and BTEX, all analyses were within BLM and NMOCD requirements. Lab results and site diagram attached.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OGD approved plan ☐.

Date: December 3, 2004

Printed Name/Title: Larry Trujillo, Sr. Environmental Specialist

Signature: [Signature]

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Signature: [Signature]

Date: JAN 18 2005

Date Remediation Started: 11/19/04 Date completed: 11/19/04

Remediation Method: Excavation X Approx. cubic yards 278  
(Check all appropriate sections.) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_

Other Pit was excavated and all excavated soils were transported to Envirotech Landfarm

Remediation Location: Onsite \_\_\_\_\_ Offsite Envirotech Landfarm  
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: \_\_\_\_\_

The pit was sampled in accordance with NMOCD guidelines

Ground Water Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location Soil sample collected from center of pit and side walls  
Closure Sampling: \_\_\_\_\_  
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 10-12-feet below pit bottom & 8-10-ft along walls

Sample Date 11/19/04 Sample time 14:40 & 15:10

Sample Results

	<u>Pit Bottom</u>	<u>Side Walls</u>
Benzene(ppm)	<u>0.192</u>	<u>non-detect</u>
Total BTEX(ppm)	<u>0.436</u>	<u>non-detect</u>
Field headspace(ppm)	<u>N/A</u>	<u>N/A</u>
TPH	<u>7.6 ppm</u>	<u>non-detect</u>

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.

Date 12/3/04

Signature



Printed Name  
and Title Larry Trujillo, Sr. Environmental Technician



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

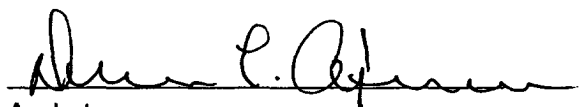
Client:	ConocoPhillips	Project #:	96052-026-120
Sample ID:	Btm @ 10-12 Ft.	Date Reported:	11-23-04
Laboratory Number:	31294	Date Sampled:	11-19-04
Chain of Custody No:	13307	Date Received:	11-22-04
Sample Matrix:	Soil	Date Extracted:	11-22-04
Preservative:	Cool	Date Analyzed:	11-23-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

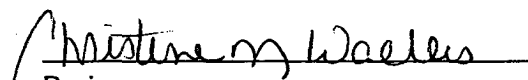
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	7.6	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	7.6	0.2

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: SJ 29-6 #54.

  
Analyst

  
Review

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


Client:	ConocoPhillips	Project #:	96052-026-120
Sample ID:	Side Walls @ 8-10'	Date Reported:	11-23-04
Laboratory Number:	31295	Date Sampled:	11-19-04
Chain of Custody No:	13307	Date Received:	11-22-04
Sample Matrix:	Soil	Date Extracted:	11-22-04
Preservative:	Cool	Date Analyzed:	11-23-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

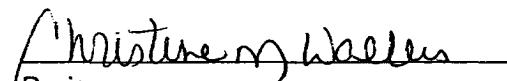
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: SJ 29-6 #54.

  
Analyst

  
Review

EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-120
Sample ID:	Btm @ 10-12 Ft.	Date Reported:	11-23-04
Laboratory Number:	31294	Date Sampled:	11-19-04
Chain of Custody:	13307	Date Received:	11-22-04
Sample Matrix:	Soil	Date Analyzed:	11-23-04
Preservative:	Cool	Date Extracted:	11-22-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	192	1.8
Toluene	244	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	ND	2.2
o-Xylene	ND	1.0
Total BTEX	436	

ND - Parameter not detected at the stated detection limit.

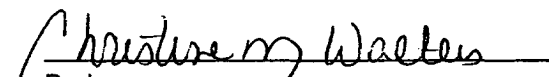
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: SJ 29-6 #54.

  
Analyst

  
Review

EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-120
Sample ID:	Side Walls @ 8-10'	Date Reported:	11-23-04
Laboratory Number:	31295	Date Sampled:	11-19-04
Chain of Custody:	13307	Date Received:	11-22-04
Sample Matrix:	Soil	Date Analyzed:	11-23-04
Preservative:	Cool	Date Extracted:	11-22-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	ND	2.2
o-Xylene	ND	1.0
Total BTEX	ND	

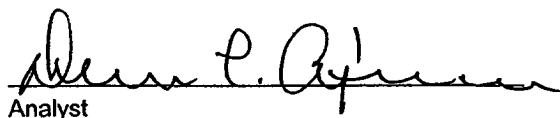
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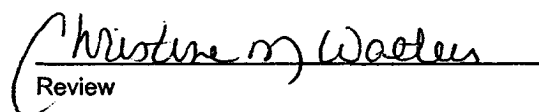
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: SJ 29-6 #54.

  
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