

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 ☐

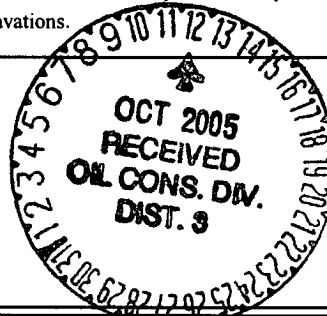
(WFS Closure) Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>CONOCOPHILLIPS COMPANY</u>		Telephone:	e-mail address:	
Address: <u>PO BOX 2197 HOUSTON, TX 77252</u>				
Facility or well name: <u>SAN JUAN 29 6 UNIT #097</u>		API #: <u>30-039-20241</u>	U/L or Qtr/Qtr <u>M</u>	SEC <u>35</u> T <u>29N</u> R <u>6W</u>
County: <u>RIO ARRIBA</u>		Latitude <u>36 40.666 N</u>	Longitude <u>107 26.264 W</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>	
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>				
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner Type: Synthetic <input checked="" type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>157</u> bbl		<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction Material: _____ Double-walled, with leak detection? Yes <input checked="" type="checkbox"/> If not, explain why not.		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)		Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more		(20 points) (10 points) (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 No		(20 points) (0 points) <u>0</u>
Distance to surface water: (Horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)		Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet		(20 points) (10 points) (0 points) <u>0</u>
		<b>Ranking Score (TOTAL POINTS):</b>		<u>0</u>

**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 \_\_\_\_\_. (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:

Meter: 86619



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 OCD-approved plan ☒

Date: 9/28/05

Printed Name/Title Mark Harvey for Williams Field Services

Signature mr Harvey, for WFS

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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title \_\_\_\_\_

Signature Denny Kant

OCT 12 2005  
Date: \_\_\_\_\_

# ADDENDUM TO OCD FORM C-144

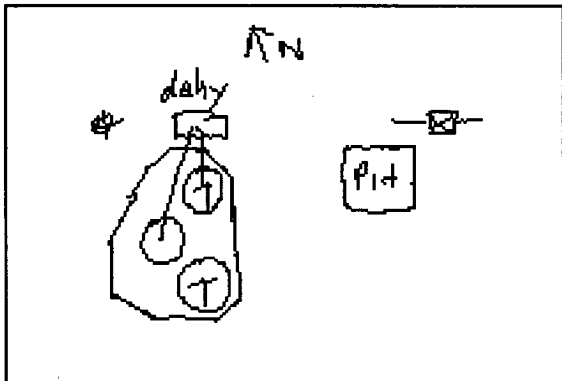
Operator: CONOCOPHILLIPS COMPANY

API 30-039-20241

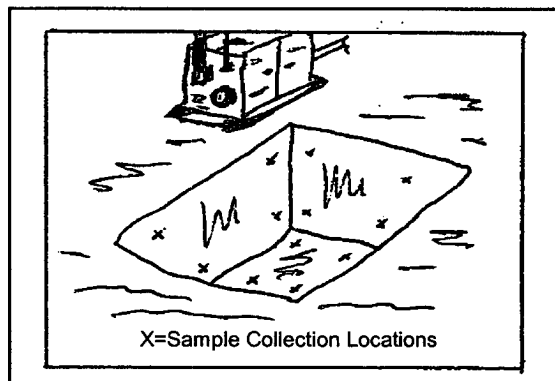
Well Name: SAN JUAN 29 6 UNIT #097

Meter: 86619

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 21 Ft.

Width 21 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36 40.665 N

Longitude 07 26.245 W

(NAD 1927)

Pit ID

866191

Pit Type

Unknown

Date Closure Started: 11/10/04

Date Closure Completed: 11/10/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☐

Cubic Yards Excavated: 196

Vertical Extent of Equipment Reached ? ☒

**Description Of Closure Action:**

Contaminated soil was removed and treated then returned to the excavation following sampling of the walls and floor.

Vertical extent of excavation limited by equipment

**Pit Closure Sampling:**

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth
105623OCT04	10/23/04		40.8	0	2900	ASSESS	Flr	3.5
144410NOV04	11/10/04	0	0	0	110	EX Confirm	Walls	10
145210NOV04	11/10/04	72	0	0	92	EX Confirm	Flr	12

Lab Project Number: 6088241  
Client Project ID: NM Pits

Lab Sample No: 607610151      Project Sample Number: 6088241-005      Date Collected: 10/23/04 10:56  
Client Sample ID: 1056230CT04      Matrix: Soil      Date Received: 10/26/04 08:55

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
------------	---------	-------	--------------	----	----------	----	---------	------	--------

#### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	13.	1.2	10/30/04 17:23	RMN1			
Jet Fuel	ND	mg/kg	13.	1.2	10/30/04 17:23	RMN1			
Kerosene	ND	mg/kg	13.	1.2	10/30/04 17:23	RMN1			
Diesel Fuel	ND	mg/kg	13.	1.2	10/30/04 17:23	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	13.	1.2	10/30/04 17:23	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	13.	1.2	10/30/04 17:23	RMN1			
Total Petroleum Hydrocarbons	2900	mg/kg	13.	1.2	10/30/04 17:23	RMN1		1	
n-Tetracosane (S)	105	%		1.0	10/30/04 17:23	RMN1	646-31-1		
p-Terphenyl (S)	106	%		1.0	10/30/04 17:23	RMN1	92-94-4		
Date Extracted	10/28/04				10/28/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	20.8	%		1.0	10/28/04	ALJ1			

#### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	1400	27.2	11/03/04 12:16		71-43-2		
Ethylbenzene	2500	ug/kg	1400	27.2	11/03/04 12:16		100-41-4		
Toluene	2300	ug/kg	1400	27.2	11/03/04 12:16		108-88-3		
Xylene (Total)	36000	ug/kg	3500	27.2	11/03/04 12:16		1330-20-7		
a,a,a-Trifluorotoluene (S)	67	%		1.0	11/03/04 12:16		98-08-8	2,3	

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.

Lab Project Number: 6089187  
Client Project ID: N.M. Pits

Solid results are reported on a dry weight basis

Lab Sample No: 607686516      Project Sample Number: 6089187-001      Date Collected: 11/10/04 14:44  
Client Sample ID: 144410NOV04      Matrix: Soil      Date Received: 11/20/04 09:55

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	12.	1.2	11/25/04 04:22	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	11/25/04 04:22	RMN1			
Kerosene	ND	mg/kg	12.	1.2	11/25/04 04:22	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	11/25/04 04:22	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	11/25/04 04:22	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	11/25/04 04:22	RMN1			
Total Petroleum Hydrocarbons	110	mg/kg	12.	1.2	11/25/04 04:22	RMN1		1	
n-Tetracosane (S)	109	%		1.0	11/25/04 04:22	RMN1	646-31-1		
p-Terphenyl (S)	121	%		1.0	11/25/04 04:22	RMN1	92-94-4		
Date Extracted	11/22/04				11/22/04				

#### Organics Prep

Percent Moisture      Method: SM 2540G  
Percent Moisture      14.2      %      1.0 11/22/04      CPR

#### GC Volatiles

Aromatic Volatile Organics      Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	58.	1.2	11/22/04 13:02	71-43-2
Ethylbenzene	ND	ug/kg	58.	1.2	11/22/04 13:02	100-41-4
Toluene	ND	ug/kg	58.	1.2	11/22/04 13:02	108-88-3
Xylene (Total)	ND	ug/kg	150	1.2	11/22/04 13:02	1330-20-7
a,a,a-Trifluorotoluene (S)	99	%		1.0	11/22/04 13:02	98-08-8

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.

Lab Project Number: 6089187  
Client Project ID: N.M. Pits

Lab Sample No: 607686524  
Client Sample ID: 145210NOV04

Project Sample Number: 6089187-002  
Matrix: Soil

Date Collected: 11/10/04 14:52  
Date Received: 11/20/04 09:55

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
------------	---------	-------	--------------	----	----------	----	---------	------	--------

### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	12.	1.2	11/25/04 04:40	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	11/25/04 04:40	RMN1			
Kerosene	ND	mg/kg	12.	1.2	11/25/04 04:40	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	11/25/04 04:40	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	11/25/04 04:40	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	11/25/04 04:40	RMN1			
Total Petroleum Hydrocarbons	92.	mg/kg	12.	1.2	11/25/04 04:40	RMN1		2	
n-Tetracosane (S)	96	%		1.0	11/25/04 04:40	RMN1	646-31-1		
p-Terphenyl (S)	111	%		1.0	11/25/04 04:40	RMN1	92-94-4		
Date Extracted	11/22/04				11/22/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	19.0	%		1.0	11/22/04	CPR			

### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	60.	1.2	11/22/04 13:30		71-43-2		
Ethylbenzene	ND	ug/kg	60.	1.2	11/22/04 13:30		100-41-4		
Toluene	ND	ug/kg	60.	1.2	11/22/04 13:30		108-88-3		
Xylene (Total)	ND	ug/kg	160	1.2	11/22/04 13:30		1330-20-7		
a,a,a-Trifluorotoluene (S)	92	%		1.0	11/22/04 13:30		98-08-8		

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.