

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)

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

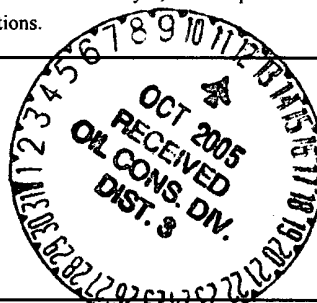
Operator: CONOCOPHILLIPS COMPANY Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: PO BOX 2197 HOUSTON, TX 77252  
Facility or well name: SAN JUAN 29 6 UNIT #049A API #: 30-039-21315 U/L or Qtr/Qtr E SEC 35 T 29N R 6W  
County: RIO ARRIBA Latitude 36 41.067 N Longitude 107 26.240 W NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

<u>Pit</u>	<u>Below-grade tank</u>	
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 128 bbl	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) <u>0</u> (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 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) <u>0</u> (0 points)
Ranking Score (TOTAL POINTS):		<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:

*bedrock*



Meter: 86940

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 Mark 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:

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

Signature Denny Fent

OCT 12 2005

Date: \_\_\_\_\_

## ADDENDUM TO OCD FORM C-144

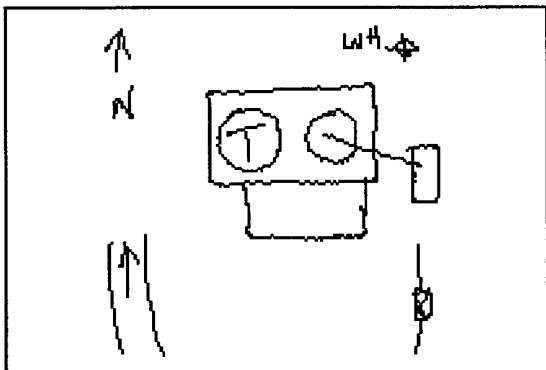
Operator: CONOCOPHILLIPS COMPANY

API 30-039-21315

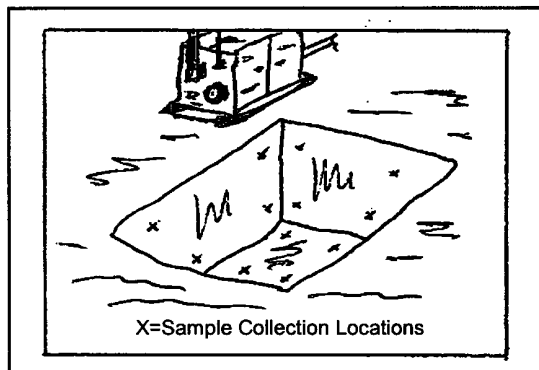
Well Name: SAN JUAN 29 6 UNIT #049A

Meter: 86940

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 30 Ft.

Width 12 Ft.

Depth 2 Ft.

**Location of Pit Center**

Latitude 36 41.046 N

Longitude 07 26.233 W

(NAD 1927)

**Pit ID**

869401

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 11/10/04

**Date Closure Completed:** 11/10/04

**Closure Method:** Excavated, Blended, Treated Soil Returned

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 120

**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.

BEDROCK limited vertical excavation and/or prevented sampling. This condition limits deleterious environmental effects.

**Pit Closure Sampling:**

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth	
112110NOV04	11/10/04	156	0.6	0	37	EX Confirm	Walls	8	See Risk Analysis
114510NOV04	11/10/04	402	141.4	1.8	360	EX Confirm	Flr	9	See Risk Analysis
174522OCT04	10/22/04		0	0	48	ASSESS	Flr	2.5	

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

Lab Sample No: 607686581      Project Sample Number: 6089187-008      Date Collected: 11/10/04 11:21  
Client Sample ID: 112110NOV04      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 07:52	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	11/25/04 07:52	RMN1			
Kerosene	ND	mg/kg	12.	1.2	11/25/04 07:52	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	11/25/04 07:52	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	11/25/04 07:52	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	11/25/04 07:52	RMN1			
Total Petroleum Hydrocarbons	37.	mg/kg	12.	1.2	11/25/04 07:52	RMN1		1	
n-Tetracosane (S)	99	%		1.0	11/25/04 07:52	RMN1	646-31-1		
p-Terphenyl (S)	106	%		1.0	11/25/04 07:52	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	57.	1.1	11/22/04 14:27		71-43-2		
Ethylbenzene	ND	ug/kg	57.	1.1	11/22/04 14:27		100-41-4		
Toluene	ND	ug/kg	57.	1.1	11/22/04 14:27		108-88-3		
Xylene (Total)	600	ug/kg	150	1.1	11/22/04 14:27		1330-20-7		
a,a,a-Trifluorotoluene (S)	92	%		1.0	11/22/04 14:27		98-08-8		

Date: 11/30/04

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## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6089187

Client Project ID: N.M. Pits

Lab Sample No: 607686573

Project Sample Number: 6089187-007

Date Collected: 11/10/04 11:45

Client Sample ID: 114510NOV04

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	11.	1.1	11/25/04 07:35	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	11/25/04 07:35	RMN1			
Kerosene	ND	mg/kg	11.	1.1	11/25/04 07:35	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	11/25/04 07:35	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	11/25/04 07:35	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	11/25/04 07:35	RMN1			
Total Petroleum Hydrocarbons	360	mg/kg	11.	1.1	11/25/04 07:35	RMN1		5	
n-Tetracosane (S)	97	%		1.0	11/25/04 07:35	RMN1	646-31-1		
p-Terphenyl (S)	110	%		1.0	11/25/04 07:35	RMN1	92-94-4		
Date Extracted	11/22/04				11/22/04				

**Organics Prep**

Percent Moisture

Method: SM 2540G

Percent Moisture

10.7 %

1.0 11/22/04

CPR

**GC Volatiles**

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	1800	ug/kg	920	18.4	11/22/04 13:59	71-43-2
Ethylbenzene	6600	ug/kg	920	18.4	11/22/04 13:59	100-41-4
Toluene	38000	ug/kg	920	18.4	11/22/04 13:59	108-88-3
Xylene (Total)	95000	ug/kg	2400	18.4	11/22/04 13:59	1330-20-7
a,a,a-Trifluorotoluene (S)	103	%		1.0	11/22/04 13:59	98-08-8

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Lab Project Number: 6088241

Client Project ID: NM Pits

Lab Sample No: 607610334

Project Sample Number: 6088241-023

Date Collected: 10/22/04 17:35

Client Sample ID: 1745220CT04

Matrix: Soil

Date Received: 10/26/04 08:55

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	12.	1.2	10/30/04 07:06	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	10/30/04 07:06	RMN1			
Kerosene	ND	mg/kg	12.	1.2	10/30/04 07:06	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	10/30/04 07:06	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	10/30/04 07:06	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	10/30/04 07:06	RMN1			
Total Petroleum Hydrocarbons	48.	mg/kg	12.	1.2	10/30/04 07:06	RMN1		1	
n-Tetracosane (S)	108	%		1.0	10/30/04 07:06	RMN1	646-31-1		
p-Terphenyl (S)	106	%		1.0	10/30/04 07:06	RMN1	92-94-4		
Date Extracted	10/27/04				10/27/04				

**Organics Prep**

Percent Moisture

Method: SM 2540G

Percent Moisture

16.8

%

1.0 10/28/04

ALJ1

**GC Volatiles**

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	60.	1.2	11/01/04 18:59	71-43-2
Ethylbenzene	ND	ug/kg	60.	1.2	11/01/04 18:59	100-41-4
Toluene	ND	ug/kg	60.	1.2	11/01/04 18:59	108-88-3
Xylene (Total)	ND	ug/kg	160	1.2	11/01/04 18:59	1330-20-7
a,a,a-Trifluorotoluene (S)	100	%		1.0	11/01/04 18:59	98-08-8

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