

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: CONOCOPHILLIPS COMPANY

Telephone:

e-mail address:

Address: PO BOX 2197 HOUSTON, TX 77252

Facility or well name: SAN JUAN 29 6 UNIT #041

API #: 30-039-07591

U/L or Qtr/Qtr B SEC 24 T 29N R 6W

County: RIO ARRIBA

Latitude 36.42949

Longitude -107.24689

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 77 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.)

Less than 50 feet  
50 feet or more, but less than 100 feet  
100 feet or more

(20 points)  
(10 points) 0  
(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) 0

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  
(0 points)

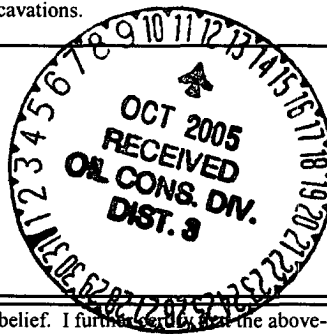
**Ranking Score (TOTAL POINTS):**

0

**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: 86294



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

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. 9

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

Signature Denny Fournier

Date: OCT 12 2005

# **ADDENDUM TO OCD FORM C-144**

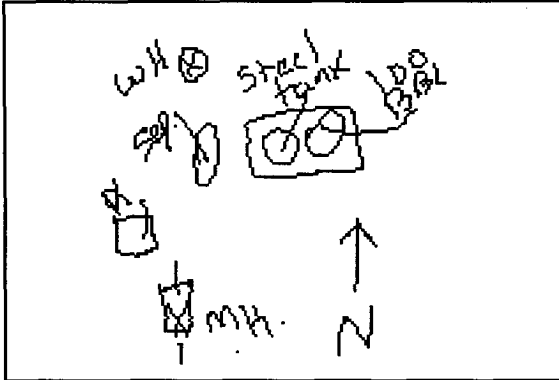
**Operator:** CONOCOPHILLIPS COMPANY

**API** 30-039-07591

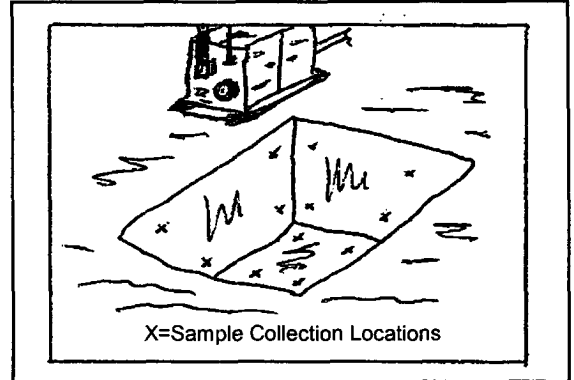
**Well Name:** SAN JUAN 29 6 UNIT #041

**Meter:** 86294

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.

Width 12 Ft.

Depth 3 Ft.

**Location of Pit Center**

Latitude 36.42936

Longitude -107.24691

(NAD 1927)

**Pit ID**

862941

**Pit Type**

Other

**Date Closure Started:** 7/16/04

**Date Closure Completed:** 7/16/04

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

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:** 164

**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
121624MAR04	3/24/04		460	13	610	ASSESS	Flr	3
152016JUL04	7/16/04		3.29	0	100	EX Confirm	Flr	13
153016JUL04	7/16/04		30.9	0	1000	EX Confirm	Walls	10

Lab Project Number: 6084968  
Client Project ID: N.M. Pitts

Lab Sample No: 607318417      Project Sample Number: 6084968-013      Date Collected: 07/16/04 15:20  
Client Sample ID: 152016JUL04      Matrix: Soil      Date Received: 07/23/04 09:10

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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### GC Semivolatiles

Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.		1.1 07/28/04 00:18 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 07/28/04 00:18 RMN1				
Kerosene	ND	mg/kg	11.		1.1 07/28/04 00:18 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 07/28/04 00:18 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 07/28/04 00:18 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 07/28/04 00:18 RMN1				
Total Petroleum Hydrocarbons	100	mg/kg	11.		1.1 07/28/04 00:18 RMN1			2	
n-Tetracosane (S)	101	%			1.0 07/28/04 00:18 RMN1		646-31-1		
p-Terphenyl (S)	110	%			1.0 07/28/04 00:18 RMN1		92-94-4		
Date Extracted	07/27/04				07/27/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.3	%			1.0 07/27/04		DPB		

### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	57.		1.1 07/27/04 20:04		71-43-2		
Ethylbenzene	140	ug/kg	57.		1.1 07/27/04 20:04		100-41-4		
Toluene	650	ug/kg	57.		1.1 07/27/04 20:04		108-88-3		
Xylene (Total)	2500	ug/kg	140		1.1 07/27/04 20:04		1330-20-7		
a,a,a-Trifluorotoluene (S)	86	%			1.0 07/27/04 20:04		98-08-8		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6084968  
Client Project ID: N.M. Pitts

Lab Sample No: 607318425      Project Sample Number: 6084968-014      Date Collected: 07/16/04 15:30  
Client Sample ID: 153016JUL04      Matrix: Soil      Date Received: 07/23/04 09:10

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	27.	2.7	07/28/04 00:35	RMN1			
Jet Fuel	ND	mg/kg	27.	2.7	07/28/04 00:35	RMN1			
Kerosene	ND	mg/kg	27.	2.7	07/28/04 00:35	RMN1			
Diesel Fuel	1000	mg/kg	27.	2.7	07/28/04 00:35	RMN1	68334-30-5	12	
Fuel Oil	ND	mg/kg	27.	2.7	07/28/04 00:35	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	27.	2.7	07/28/04 00:35	RMN1			
n-Tetracosane (S)	104	%		1.0	07/28/04 00:35	RMN1	646-31-1		
p-Terphenyl (S)	104	%		1.0	07/28/04 00:35	RMN1	92-94-4		
Date Extracted	07/27/04				07/27/04				

### Organics Prep

Percent Moisture Method: SM.2540G  
Percent Moisture 10.2 % 1.0 07/27/04 DPB

### GC Volatiles

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

Benzene	ND	ug/kg	280	5.6	07/28/04 09:34		71-43-2		
Ethylbenzene	1200	ug/kg	280	5.6	07/28/04 09:34		100-41-4		
Toluene	3700	ug/kg	280	5.6	07/28/04 09:34		108-88-3		
Xylene (Total)	26000	ug/kg	700	5.6	07/28/04 09:34		1330-20-7		
a,a,a-Trifluorotoluene (S)	79	%		1.0	07/28/04 09:34		98-08-8	4	

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Lab Project Number: 6080880  
Client Project ID: N.M. Pit Program

Lab Sample No: 606962637 Project Sample Number: 6080880-009 Date Collected: 03/24/04 12:16  
Client Sample ID: 121624MAR04 Matrix: Soil Date Received: 03/31/04 09:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
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#### GC Semivolatiles

Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	13.	1.3	04/03/04 04:02	RMN1			
Jet Fuel	ND	mg/kg	13.	1.3	04/03/04 04:02	RMN1			
Kerosene	ND	mg/kg	13.	1.3	04/03/04 04:02	RMN1			
Diesel Fuel	ND	mg/kg	13.	1.3	04/03/04 04:02	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	13.	1.3	04/03/04 04:02	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	13.	1.3	04/03/04 04:02	RMN1			
Total Petroleum Hydrocarbons	610	mg/kg	13.	1.3	04/03/04 04:02	RMN1		1	
n-Tetracosane (S)	107	%		1.0	04/03/04 04:02	RMN1	646-31-1		
p-Terphenyl (S)	109	%		1.0	04/03/04 04:02	RMN1	92-94-4		
Date Extracted	04/02/04				04/02/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	21.6	%		1.0	04/01/04	DPB			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	13000	ug/kg	3500	70.9	04/03/04 04:54		71-43-2		
Ethylbenzene	17000	ug/kg	3500	70.9	04/03/04 04:54		100-41-4		
Toluene	190000	ug/kg	3500	70.9	04/03/04 04:54		108-88-3		
Xylene (Total)	240000	ug/kg	8900	70.9	04/03/04 04:54		1330-20-7		
a,a,a-Trifluorotoluene (S)	597	%		1.0	04/03/04 04:54		98-08-8	2	

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