

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

Form C-144  
June 1, 2004

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 32 8 UNIT #049 API #: 30-045-25394 U/L or Qtr/Qtr A SEC 15 T 32N R 8W  
County: SAN JUAN Latitude 36.98879 Longitude -107.65649 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 80 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 points)

0

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 points)

0

**Ranking Score (TOTAL POINTS):**

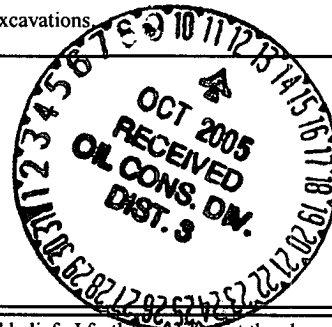
0

**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:

Vertical  
Extent?

Meter: 85736



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: 9/18/05

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. 3

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

Signature Henry Kent

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

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

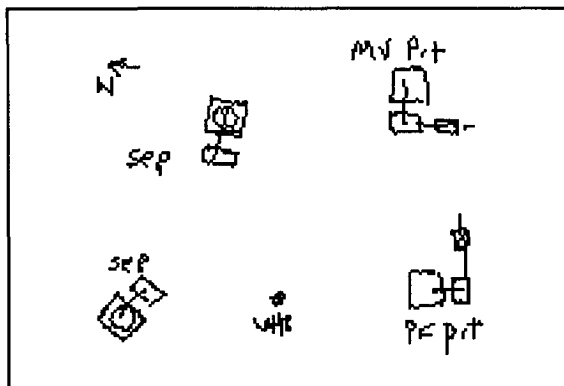
**Operator:** CONOCOPHILLIPS COMPANY

**API** 30-045-25394

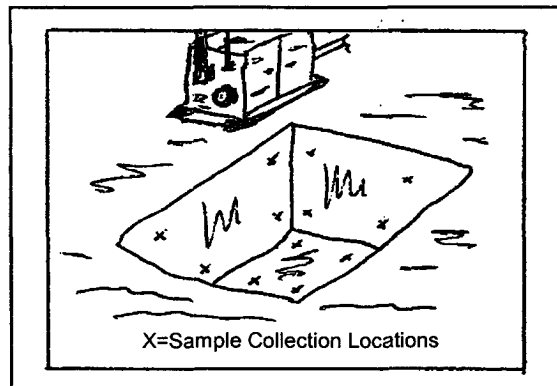
**Well Name:** SAN JUAN 32 8 UNIT #049

**Meter:** 85736

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

**Location of Pit Center**

Latitude 36.98864

Longitude -107.65636

(NAD 1927)

**Pit ID**

857361

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 10/1/04

**Date Closure Completed:** 10/1/04

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

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:** 100

**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	
144501OCT04	10/1/04	161	1634	24	3400	EX Confirm	Walls	10	See Risk Analysis
145001OCT04	10/1/04	495	149.5	0	360	EX Confirm	Flr	12	See Risk Analysis
184709JUL04	7/9/04		960.4	3.4	4400	ASSESS	Flr	2.5	

Lab Project Number: 6084738  
Client Project ID: NM PITS

Lab Sample No: 607299260 Project Sample Number: 6084738-004 Date Collected: 07/09/04 06:47  
Client Sample ID: 184709JUL04 Matrix: Soil Date Received: 07/16/04 12:10

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	12.	1.2	07/21/04 02:34	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	07/21/04 02:34	RMN1			
Kerosene	ND	mg/kg	12.	1.2	07/21/04 02:34	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	07/21/04 02:34	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	07/21/04 02:34	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	07/21/04 02:34	RMN1			
Total Petroleum Hydrocarbons	4400	mg/kg	12.	1.2	07/21/04 02:34	RMN1		1	
n-Tetracosane (S)	103	%		1.0	07/21/04 02:34	RMN1	646-31-1		
p-Terphenyl (S)	111	%		1.0	07/21/04 02:34	RMN1	92-94-4		
Date Extracted	07/19/04				07/19/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.8	%		1.0	07/19/04	DPB			

#### GC Volatiles

TPH Gas/BTEX	Prep/Method: TPH GRO/BTEX / EPA 8021/OA1								
Benzene	3400	J ug/kg	5400	108	07/20/04 09:52		71-43-2	2	
Toluene	180000	ug/kg	5400	108	07/20/04 09:52		108-88-3		
Ethylbenzene	57000	ug/kg	5400	108	07/20/04 09:52		100-41-4		
Xylene (Total)	720000	ug/kg	14000	108	07/20/04 09:52		1330-20-7		
a,a,a-Trifluorotoluene (S)	82	%		1.0	07/20/04 09:52		98-08-8		
4-Bromofluorobenzene (S)	102	%		1.0	07/20/04 09:52		460-00-4		

Comments : No times on samples.

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6087589  
Client Project ID: NM Pits

Lab Sample No: 607545902      Project Sample Number: 6087589-013      Date Collected: 10/01/04 14:45  
Client Sample ID: 1445010CT04      Matrix: Soil      Date Received: 10/06/04 09:30

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	12.	1.2	10/12/04 07:22	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	10/12/04 07:22	RMN1			
Kerosene	ND	mg/kg	12.	1.2	10/12/04 07:22	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	10/12/04 07:22	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	10/12/04 07:22	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	10/12/04 07:22	RMN1			
Total Petroleum Hydrocarbons	3400	mg/kg	12.	1.2	10/12/04 07:22	RMN1		1	
n-Tetracosane (S)	99	%		1.0	10/12/04 07:22	RMN1	646-31-1		
p-Terphenyl (S)	112	%		1.0	10/12/04 07:22	RMN1	92-94-4		
Date Extracted	10/11/04				10/11/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.5	%		1.0	10/08/04	ALJ1			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	24000	ug/kg	14000	286	10/11/04 18:46	ARF	71-43-2		
Ethylbenzene	110000	ug/kg	14000	286	10/11/04 18:46	ARF	100-41-4		
Toluene	ND	ug/kg	14000	286	10/11/04 18:46	ARF	108-88-3		
Xylene (Total)	1500000	ug/kg	37000	286	10/11/04 18:46	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	103	%		1.0	10/11/04 18:46	ARF	98-08-8		

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Lab Project Number: 6087589

Client Project ID: NM Pits

Lab Sample No: 607545894  
Client Sample ID: 1450010CT04

Project Sample Number: 6087589-012  
Matrix: Soil

Date Collected: 10/01/04 14:50  
Date Received: 10/06/04 09:30

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	12.	1.2	10/12/04 07:04	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	10/12/04 07:04	RMN1			
Kerosene	ND	mg/kg	12.	1.2	10/12/04 07:04	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	10/12/04 07:04	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	10/12/04 07:04	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	10/12/04 07:04	RMN1			
Total Petroleum Hydrocarbons	360	mg/kg	12.	1.2	10/12/04 07:04	RMN1			1
n-Tetracosane (S)	102	%		1.0	10/12/04 07:04	RMN1	646-31-1		
p-Terphenyl (S)	118	%		1.0	10/12/04 07:04	RMN1	92-94-4		
Date Extracted	10/11/04				10/11/04				

**Organics Prep**

Percent Moisture Method: SM 2540G  
Percent Moisture 17.9 %

1.0 10/08/04 ALJ1

**GC Volatiles**

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

Benzene	ND	ug/kg	2900	58.9	10/11/04 17:51	ARF	71-43-2		
Ethylbenzene	9500	ug/kg	2900	58.9	10/11/04 17:51	ARF	100-41-4		
Toluene	ND	ug/kg	2900	58.9	10/11/04 17:51	ARF	108-88-3		
Xylene (Total)	140000	ug/kg	7700	58.9	10/11/04 17:51	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	96	%		1.0	10/11/04 17:51	ARF	98-08-8		

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