

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 32.8 UNIT #046 API #: 30-045-25127 U/L or Qtr/Qtr H SEC 14 T 32N R 8W  
County: SAN JUAN Latitude 36.98561 Longitude -107.63868 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 208 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

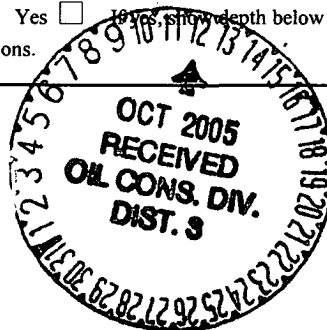
**Ranking Score (TOTAL POINTS):**

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 \_\_\_\_\_. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

Meter: 85654



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:

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

Signature Denny Farley

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

# ADDENDUM TO OCD FORM C-144

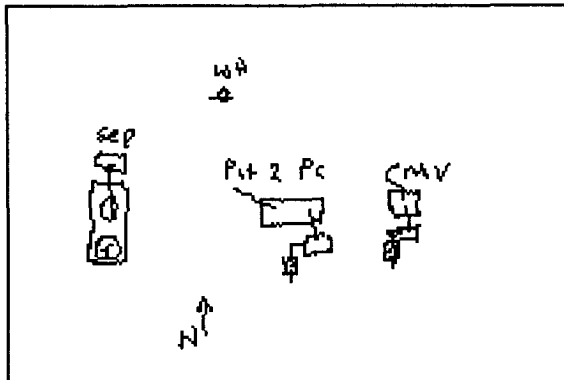
Operator: CONOCOPHILLIPS COMPANY

API 30-045-25127

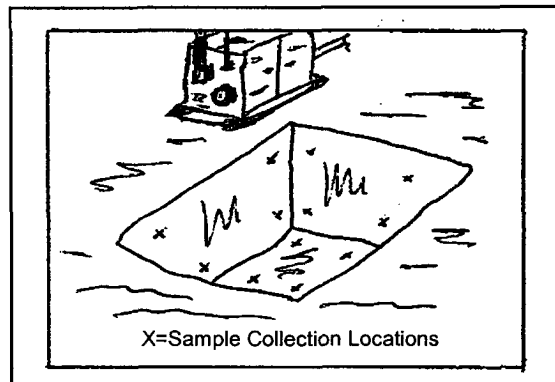
Well Name: SAN JUAN 32 8 UNIT #046

Meter: 85654

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 39 Ft.

Width 12 Ft.

Depth 2.5 Ft.

**Location of Pit Center**

Latitude 36.98544

Longitude -107.63845

(NAD 1927)

**Pit ID**

856541

**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:** 139

**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	
103001OCT04	10/1/04	196	40.9	0	130	EX Confirm	Walls	7	See Risk Analysis
103501OCT04	10/1/04	284	15.83	0	140	EX Confirm	Flr	8	See Risk Analysis
181109JUL04	7/9/04		265	5.4	590	ASSESS	Flr	3	

Lab Project Number: 6084738  
Client Project ID: NM PITS

Lab Sample No: 607299294  
Client Sample ID: 181109JUL04

Project Sample Number: 6084738-007  
Matrix: Soil

Date Collected: 07/09/04 06:11  
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 03:26	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	07/21/04 03:26	RMN1			
Kerosene	ND	mg/kg	12.	1.2	07/21/04 03:26	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	07/21/04 03:26	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	07/21/04 03:26	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	07/21/04 03:26	RMN1			
Total Petroleum Hydrocarbons	590	mg/kg	12.	1.2	07/21/04 03:26	RMN1		1	
n-Tetracosane (S)	105	%		1.0	07/21/04 03:26	RMN1	646-31-1		
p-Terphenyl (S)	120	%		1.0	07/21/04 03:26	RMN1	92-94-4		
Date Extracted	07/19/04				07/19/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	18.5	%		1.0	07/19/04	DPB			

### GC Volatiles

TPH Gas/BTEX	Prep/Method: TPH GRO/BTEX / EPA 8021/OA1								
Benzene	5400	ug/kg	4700	93.3	07/20/04 08:05		71-43-2		
Toluene	70000	ug/kg	4700	93.3	07/20/04 08:05		108-88-3		
Ethylbenzene	9600	ug/kg	4700	93.3	07/20/04 08:05		100-41-4		
Xylene (Total)	180000	ug/kg	12000	93.3	07/20/04 08:05		1330-20-7		
a,a,a-Trifluorotoluene (S)	102	%		1.0	07/20/04 08:05		98-08-8		
4-Bromofluorobenzene (S)	90	%		1.0	07/20/04 08:05		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: 607545878  
Client Sample ID: 103001OCT04

Project Sample Number: 6087589-010  
Matrix: Soil

Date Collected: 10/01/04 10:30  
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 06:29	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	10/12/04 06:29	RMN1			
Kerosene	ND	mg/kg	12.	1.2	10/12/04 06:29	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	10/12/04 06:29	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	10/12/04 06:29	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	10/12/04 06:29	RMN1			
Total Petroleum Hydrocarbons	130	mg/kg	12.	1.2	10/12/04 06:29	RMN1		2	
n-Tetracosane (S)	123	%		1.0	10/12/04 06:29	RMN1	646-31-1		
p-Terphenyl (S)	125	%		1.0	10/12/04 06:29	RMN1	92-94-4		
Date Extracted	10/11/04				10/11/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.2	%		1.0	10/08/04	ALJ1			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	600	12.1	10/11/04 16:55	ARF	71-43-2		
Ethylbenzene	1900	ug/kg	600	12.1	10/11/04 16:55	ARF	100-41-4		
Toluene	ND	ug/kg	600	12.1	10/11/04 16:55	ARF	108-88-3		
Xylene (Total)	39000	ug/kg	1600	12.1	10/11/04 16:55	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	89	%		1.0	10/11/04 16:55	ARF	98-08-8		

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Lab Project Number: 6087589  
Client Project ID: NM Pits

Lab Sample No: 607545886  
Client Sample ID: 1035010CT04

Project Sample Number: 6087589-011  
Matrix: Soil  
Date Collected: 10/01/04 10:35  
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	11.	1.1	10/12/04 06:47	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	10/12/04 06:47	RMN1			
Kerosene	ND	mg/kg	11.	1.1	10/12/04 06:47	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	10/12/04 06:47	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	10/12/04 06:47	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	10/12/04 06:47	RMN1			
Total Petroleum Hydrocarbons	140	mg/kg	11.	1.1	10/12/04 06:47	RMN1		1	
n-Tetracosane (S)	97	%		1.0	10/12/04 06:47	RMN1	646-31-1		
p-Terphenyl (S)	108	%		1.0	10/12/04 06:47	RMN1	92-94-4		
Date Extracted	10/11/04				10/11/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	13.3	%		1.0	10/08/04	ALJ1			

#### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021									
Benzene	ND	ug/kg	280	5.7	10/11/04 17:23	ARF	71-43-2		
Ethylbenzene	830	ug/kg	280	5.7	10/11/04 17:23	ARF	100-41-4		
Toluene	ND	ug/kg	280	5.7	10/11/04 17:23	ARF	108-88-3		
Xylene (Total)	15000	ug/kg	740	5.7	10/11/04 17:23	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	76	%		1.0	10/11/04 17:23	ARF	98-08-8	3	

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