

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 7 UNIT #051 API #: 30-045-23621 U/L or Qtr/Qtr M SEC 34 T 32N R 7W  
County: SAN JUAN Latitude 36 55.985 N Longitude 107 33.630 W 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 51 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

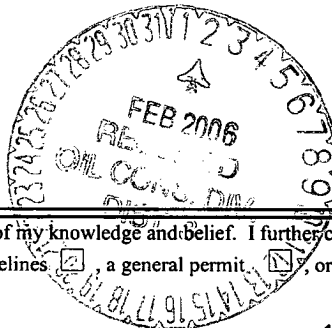
**Ranking Score (TOTAL POINTS):**

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:

Meter: 85438



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: 10/3/05

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:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #1

Signature Denny Felt

Date: FEB 02 2006

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

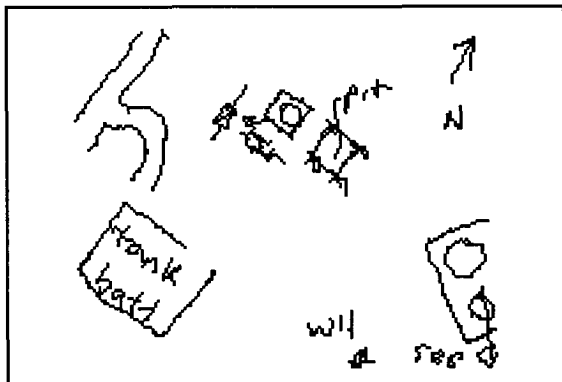
**Operator:** CONOCOPHILLIPS COMPANY

**API** 30-045-23621

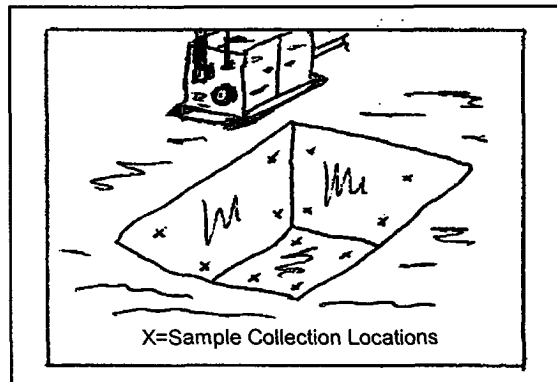
**Well Name:** SAN JUAN 32 7 UNIT #051

**Meter:** 85438

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.

Width 12 Ft.

Depth 2 Ft.

**Location of Pit Center**

Latitude 36 55.995 N

Longitude 07 33.644 W

(NAD 1927)

**Pit ID**

854381

**Pit Type**

Other

**Date Closure Started:** 6/21/05

**Date Closure Completed:** 6/21/05

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 48

**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	
110721JUN05	6/21/05	181	12.45	0	660	EX Confirm	Walls	8	See Risk Analysis
111421JUN05	6/21/05	137	0.22	0	99	EX Confirm	Flr	9	See Risk Analysis
142318MAR05	3/18/05		663	0	5000	ASSESS	Flr	3	

Lab Project Number: 6093057  
Client Project ID: NM PITS 1st Quarter 2005

Lab Sample No: 607994506      Project Sample Number: 6093057-009      Date Collected: 03/18/05 14:23  
Client Sample ID: 142318MAR05      Matrix: Soil      Date Received: 03/23/05 08:18

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	03/25/05 21:12	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	03/25/05 21:12	RMN1			
Kerosene	ND	mg/kg	11.	1.1	03/25/05 21:12	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	03/25/05 21:12	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	03/25/05 21:12	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	03/25/05 21:12	RMN1			
Total Petroleum Hydrocarbons	5000	mg/kg	11.	1.1	03/25/05 21:12	RMN1		7	
n-Tetracosane (S)	648	%		1.0	03/25/05 21:12	RMN1	646-31-1	8	
p-Terphenyl (S)	104	%		1.0	03/25/05 21:12	RMN1	92-94-4		
Date Extracted	03/24/05				03/24/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	6.5	%		1.0	03/26/05	JMF1			

#### GC/MS Volatiles

UST VOCs in Soil	Prep/Method: EPA 5030 Medium Soil / EPA 8260								
Benzene	ND	ug/kg	2400	47.8	03/25/05 00:37	AEP	71-43-2		
Toluene	95000	ug/kg	2400	47.8	03/25/05 00:37	AEP	108-88-3		
Ethylbenzene	28000	ug/kg	2400	47.8	03/25/05 00:37	AEP	100-41-4		
Xylene (Total)	540000	ug/kg	7200	47.8	03/25/05 00:37	AEP	1330-20-7		
Dibromofluoromethane (S)	103	%		1.0	03/25/05 00:37	AEP	1868-53-7		
1,2-Dichloroethane-d4 (S)	108	%		1.0	03/25/05 00:37	AEP	17060-07-0		
Toluene-d8 (S)	109	%		1.0	03/25/05 00:37	AEP	2037-26-5		
4-Bromofluorobenzene (S)	108	%		1.0	03/25/05 00:37	AEP	460-00-4		

Comments : The sample was received and analyzed outside of EPA recommended holding time.  
Limited volume. Only 1 soil jar.

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6096737  
Client Project ID: N MEX PITS SUMMER 2005

Solid results are reported on a dry weight basis

Lab Sample No: 608302493 Project Sample Number: 6096737-001 Date Collected: 06/21/05 11:07  
Client Sample ID: 110721JUN05 Matrix: Soil Date Received: 06/25/05 08:15

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	07/02/05 01:39	MAM			
Jet Fuel	ND	mg/kg	12.	1.2	07/02/05 01:39	MAM			
Kerosene	ND	mg/kg	12.	1.2	07/02/05 01:39	MAM			
Diesel Fuel	ND	mg/kg	12.	1.2	07/02/05 01:39	MAM	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	07/02/05 01:39	MAM	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	07/02/05 01:39	MAM			
Total Petroleum Hydrocarbons	660	mg/kg	12.	1.2	07/02/05 01:39	MAM			1
n-Tetracosane (S)	247	%		1.0	07/02/05 01:39	MAM	646-31-1		2
p-Terphenyl (S)	85	%		1.0	07/02/05 01:39	MAM	92-94-4		
Date Extracted	06/30/05				06/30/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	14.2	%		1.0	06/30/05	ALJ1			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	58.	1.2	07/05/05 11:25	SHF	71-43-2		
Ethylbenzene	750	ug/kg	58.	1.2	07/05/05 11:25	SHF	100-41-4		
Toluene	1900	ug/kg	58.	1.2	07/05/05 11:25	SHF	108-88-3		
Xylene (Total)	9800	ug/kg	150	1.2	07/05/05 11:25	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	88	%		1.0	07/05/05 11:25	SHF	98-08-8		

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Lab Project Number: 6096737  
Client Project ID: N MEX PITS SUMMER 2005

Lab Sample No: 608302501      Project Sample Number: 6096737-002      Date Collected: 06/21/05 11:14  
Client Sample ID: 111421JUN05      Matrix: Soil      Date Received: 06/25/05 08:15

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	07/02/05 01:59	MAM			
Jet Fuel	ND	mg/kg	11.	1.1	07/02/05 01:59	MAM			
Kerosene	ND	mg/kg	11.	1.1	07/02/05 01:59	MAM			
Diesel Fuel	ND	mg/kg	11.	1.1	07/02/05 01:59	MAM	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	07/02/05 01:59	MAM	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	07/02/05 01:59	MAM			
Total Petroleum Hydrocarbons	99.	mg/kg	11.	1.1	07/02/05 01:59	MAM		1	
n-Tetracosane (S)	114	%		1.0	07/02/05 01:59	MAM	646-31-1		
p-Terphenyl (S)	101	%		1.0	07/02/05 01:59	MAM	92-94-4		
Date Extracted	06/30/05				06/30/05				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	9.4	%		1.0	06/30/05	ALJ1			

### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	55.	1.1	07/05/05 12:19	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	55.	1.1	07/05/05 12:19	SHF	100-41-4		
Toluene	ND	ug/kg	55.	1.1	07/05/05 12:19	SHF	108-88-3		
Xylene (Total)	220	ug/kg	140	1.1	07/05/05 12:19	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	99	%		1.0	07/05/05 12:19	SHF	98-08-8		

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