

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: JOHN E SCHALK Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: PO BOX 25825 ALBUQUERQUE, NM 87125  
Facility or well name: SCHALK 29-4 #016 API #: 30-039-21740 U/L or Qtr/Qtr P SEC 22 T 29N R 4W  
County: RIO ARRIBA Latitude 36.70699 Longitude -107.23539 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 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

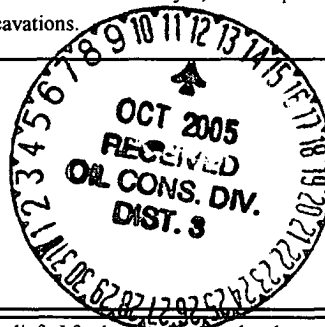
**Ranking Score (TOTAL POINTS):**

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: 85120



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 Denny Harvey

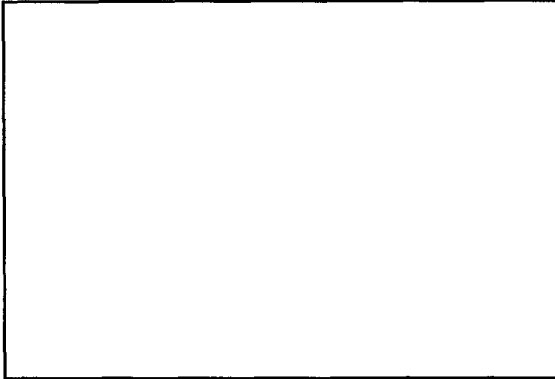
OCT 12 2005  
Date: \_\_\_\_\_

**ADDENDUM TO OCD FORM C-144**

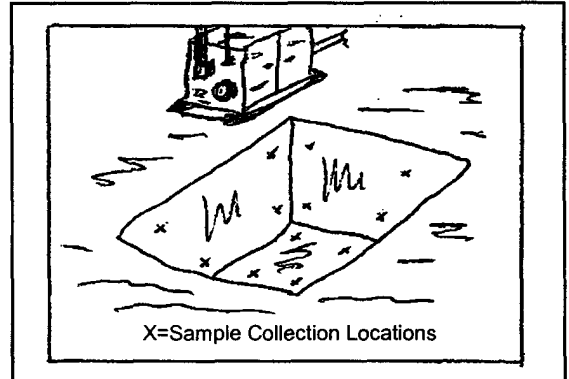
**Operator:** JOHN E SCHALK  
**Well Name:** SCHALK 29-4 #016

**API** 30-039-21740  
**Meter:** 85120

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.  
Width 12 Ft.  
Depth 3 Ft.

**Location of Pit Center**

Latitude 36.70726  
Longitude -107.23528  
(NAD 1927)

**Pit ID**

851201

**Pit Type**

Unknown

**Date Closure Started:** 7/27/04

**Date Closure Completed:** 7/27/04

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 66

**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
093027JUL04	7/27/04		2.729	0	1800	EX Confirm	Walls	5
093527JUL04	7/27/04		3.84	0	110	EX Confirm	Flr	7
113326AUG03	8/26/03		80.3	0	30000	ASSESS	Flr	3

Lab Project Number: 6074029

Client Project ID: NEW MEXICO PIT

Lab Sample No: 606369585  
Client Sample ID: 113326AUG03

Project Sample Number: 6074029-006  
Matrix: Soil

Date Collected: 08/26/03 11:33  
Date Received: 08/28/03 09:15

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
------------	---------	-------	--------------	----	----------	----	---------	------	--------

### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: 0A2 / 0A2

Mineral Spirits	ND	mg/kg	68.	6.8	08/29/03 17:43	RMN1			
Jet Fuel	ND	mg/kg	68.	6.8	08/29/03 17:43	RMN1			
Kerosene	ND	mg/kg	68.	6.8	08/29/03 17:43	RMN1			
Diesel Fuel	ND	mg/kg	68.	6.8	08/29/03 17:43	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	68.	6.8	08/29/03 17:43	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	68.	6.8	08/29/03 17:43	RMN1			
Total Petroleum Hydrocarbons	30000	mg/kg	68.	6.8	08/29/03 17:43	RMN1		8	
n-Tetracosane (S)	603	%		1.0	08/29/03 17:43	RMN1	646-31-1	9	
p-Terphenyl (S)	6490	%		1.0	08/29/03 17:43	RMN1	92-94-4	9	
Date Extracted	08/29/03				08/29/03				

### Organics Prep

Percent Moisture	Method: SM 25406								
Percent Moisture	27.3	%		1.0	08/29/03	PLH			

### GC Volatiles

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

Benzene	ND	ug/kg	680	13.6	09/02/03 09:01	SHF	71-43-2		
Ethylbenzene	1300	ug/kg	680	13.6	09/02/03 09:01	SHF	100-41-4		
Toluene	ND	ug/kg	680	13.6	09/02/03 09:01	SHF	108-88-3		
Xylene (Total)	79000	ug/kg	1700	13.6	09/02/03 09:01	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	0	%		1.0	09/02/03 09:01	SHF	98-08-8	3,4	

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.