

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 ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: WILLIAMS PRODUCTION COMPANY, LLC Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: ONE WILLIAMS CENTER TULSA, OK 74101  
Facility or well name: ROSA UNIT #053 API #: 30-039-20293 U/L or Qtr/Qtr B SEC 8 T 31N R 5W  
County: RIO ARRIBA Latitude 36.91825 Longitude -107.384 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 445 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

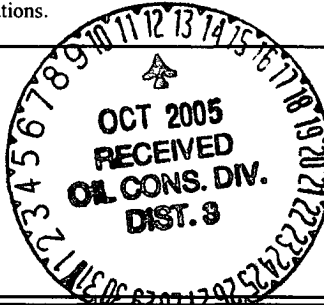
**Ranking Score (TOTAL POINTS):**

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 your 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: 87158



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: 9/27/05

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 Reay

OCT 12 2005

# ADDENDUM TO OCD FORM C-144

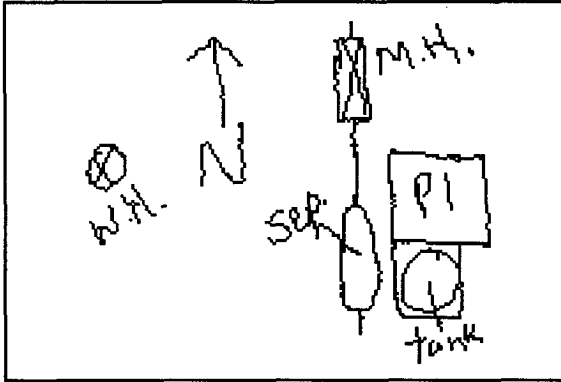
Operator: WILLIAMS PRODUCTION COMPANY, LLC

API 30-039-20293

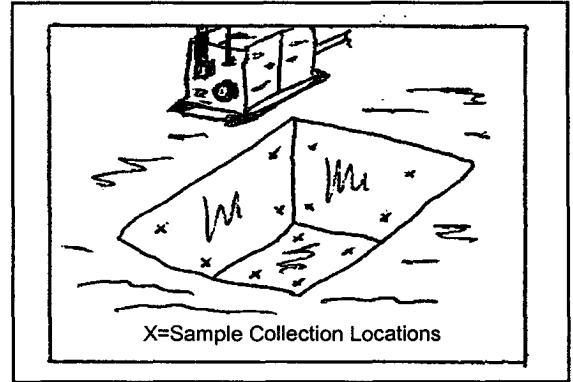
Well Name: ROSA UNIT #053

Meter: 87158

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 25 Ft.

Width 25 Ft.

Depth 4 Ft.

**Location of Pit Center**

Latitude 36.91812

Longitude -107.38344

(NAD 1927)

**Pit ID**

871581

**Pit Type**

Separator

**Date Closure Started:** 2/5/03

**Date Closure Completed:** 2/5/03

**Closure Method:** Pushed In

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:**

**Vertical Extent of Equipment Reached ?** ☐

**Description Of Closure Action:**

The pit was assessed and sampled in accordance with NMOCD guidelines. Based on assessment findings, the pit was backfilled.

**Pit Closure Sampling:**

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth
143706JUN02	6/6/02		0	0	4700	ASSESS		1.5

Lab Project Number: 6059685  
Client Project ID: NM PIT ASSESSMENTS

Lab Sample No: 605193135 Project Sample Number: 6059685-008 Date Collected: 06/06/02 14:37  
Client Sample ID: ~~143763JUNE02~~ Matrix: Soil Date Received: 06/13/02 09:15  
143706JUN02

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

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	14.	06/19/02 05:13	WAW			
Jet Fuel	ND	mg/kg	14.	06/19/02 05:13	WAW			
Kerosene	ND	mg/kg	14.	06/19/02 05:13	WAW			
Diesel Fuel	4700	mg/kg	14.	06/19/02 05:13	WAW	68334-30-5		
Fuel Oil	ND	mg/kg	14.	06/19/02 05:13	WAW	68334-30-5		
Motor Oil	ND	mg/kg	14.	06/19/02 05:13	WAW			
n-Tetracosane (S)	120	%		06/19/02 05:13	WAW	646-31-1		
p-Terphenyl (S)	91	%		06/19/02 05:13	WAW	92-94-4		
Date Extracted				06/13/02				

### Organics Prep

Percent Moisture	Method:				
Percent Moisture	28.8	%		06/14/02	MIM

### GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	70.	06/14/02 02:43	SHF	71-43-2
Ethylbenzene	ND	ug/kg	70.	06/14/02 02:43	SHF	100-41-4
Toluene	ND	ug/kg	70.	06/14/02 02:43	SHF	108-88-3
Xylene (Total)	ND	ug/kg	180	06/14/02 02:43	SHF	1330-20-7
a,a,a-Trifluorotoluene (S)	99	%		06/14/02 02:43	SHF	98-08-8

## REPORT OF LABORATORY ANALYSIS

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