

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

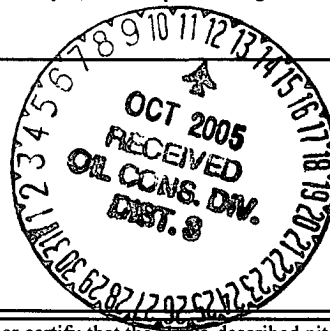
Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

(WFS CLOSURE) Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>WILLIAMS PRODUCTION COMPANY, LLC</u> Telephone: _____ e-mail address: _____	
Address: <u>ONE WILLIAMS CENTER TULSA, OK 74101</u>	
Facility or well name: <u>ROSA UNIT #016</u>	API #: <u>30-039-07963</u> U/L or Qtr/Qtr <u>N</u> SEC <u>14</u> T <u>31N</u> R <u>6W</u>
County: <u>RIO ARRIBA</u>	Latitude <u>36.89462</u> Longitude <u>-107.43602</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner Type: Synthetic <input checked="" type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>214</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction Material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> 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 (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points) <u>0</u>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points) <u>0</u>
Distance to surface water: (Horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points) <u>0</u>
Ranking Score (TOTAL POINTS): <u>0</u>	

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:



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: 9/9/05

Printed Name/Title Mark Harvey for Williams Field Services Signature Mark 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. 8

Signature Denny Kent

Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

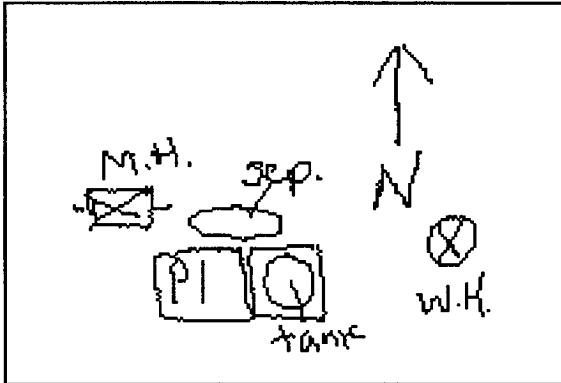
Operator: WILLIAMS PRODUCTION COMPANY, LLC

API: 30-039-07963

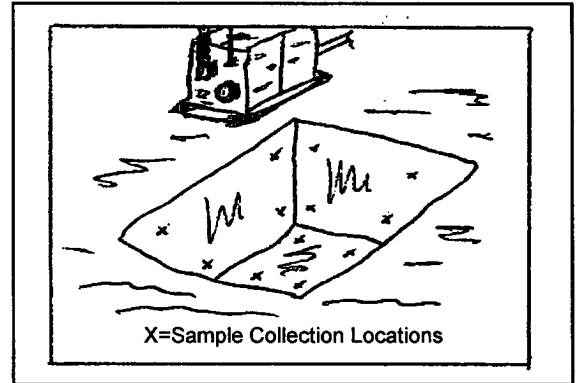
Well Name: ROSA UNIT #016

Meter: 71741

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 20 Ft.
Width 20 Ft.
Depth 3 Ft.

Location of Pit Center

Latitude 36.89462
Longitude -107.43634
(NAD 1927)

Pit ID

717411

Pit Type

Calcium Salt Tower

Date Closure Started: 2/7/03

Closure Method: Pushed In

Date Closure Completed: 2/7/03

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
131703JUN02	6/3/02		0	0	74	ASSESS		1.5

Lab Project Number: 6059437

Client Project ID: NM PIT ASSESSMENTS

Lab Sample No: 605174747
Client Sample ID: 13173JUNE02

Project Sample Number: 6059437-006
Matrix: Soil

Date Collected: 06/03/02 13:17
Date Received: 06/05/02 09:40

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Semivolatiles								
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2							
Mineral Spirits	ND	mg/kg	12.	06/11/02 10:04	WAW			
Jet Fuel	ND	mg/kg	12.	06/11/02 10:04	WAW			
Kerosene	ND	mg/kg	12.	06/11/02 10:04	WAW			
Diesel Fuel	ND	mg/kg	12.	06/11/02 10:04	WAW	68334-30-5		
Fuel Oil	ND	mg/kg	12.	06/11/02 10:04	WAW	68334-30-5		
Motor Oil	74.	mg/kg	12.	06/11/02 10:04	WAW			
n-Tetracosane (S)	75	%		06/11/02 10:04	WAW	646-31-1		
p-Terphenyl (S)	74	%		06/11/02 10:04	WAW	92-94-4		
Date Extracted				06/10/02				

Organics Prep

Percent Moisture	Method:				
Percent Moisture	14.9	%		06/11/02	MIM

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021				
Benzene	ND	ug/kg	59.	06/07/02 16:11	SHF 71-43-2
Ethylbenzene	ND	ug/kg	59.	06/07/02 16:11	SHF 100-41-4
Toluene	ND	ug/kg	59.	06/07/02 16:11	SHF 108-88-3
Xylene (Total)	ND	ug/kg	150	06/07/02 16:11	SHF 1330-20-7
a,a,a-Trifluorotoluene (S)	97	%		06/07/02 16:11	SHF 98-08-8

Date: 06/12/02

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REPORT OF LABORATORY ANALYSIS

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