

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210  
DISTRICT III  
1006 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 NMOC 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 Co., LLC Telephone: 970-563-3319 e-mail address: myke.lane@williams.com  
Address: 999 Goddard Ave, Ignacio, CO 81137  
Facility or well name: Rosa 154 API #: 30-039-25893 U/L or Qtr/Qtr O Sec 7 T 31N R 05W  
County: Rio Arriba Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank
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 type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: <u>120</u> bbl Type of fluid: <u>Produced Water</u> Construction material: <u>Fiberglass with Plastic Liner</u> Double-walled, with leak detection? Yes <input checked="" 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)
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)
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 ft or more, but less than 1000 feet ✓ (10 points) 1000 feet or more (0 points)
Ranking Score (Total Points) 10	

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:

**BGT failed. No release discovered when replacing tank. As BGT to be taken out of service, collected soil samples of excavation bottom before backfilling. No soil remediation required.**

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 NMOC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 5/2/05

Printed Name/Title Michael K. Lane/EH&S Specialist Signature \_\_\_\_\_

Your certification and NMOC 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. AS  
Printed Name/Title \_\_\_\_\_

Signature \_\_\_\_\_

Date: MAY - 3 2005

Location: <u>Repa 154</u>	
Footages: <u>840FSC &amp; 1095FSC</u>	
Unit Letter: _____	Sec: <u>7</u> Twn. <u>31N</u> Rng <u>SW</u>
Lat: _____	Long: _____
Lease Num. <u>SF-078767</u>	Land Type: _____
Pit Type: <u>BGT-FIREWORKS</u>	
Pit Reference <u>REPA 154</u>	
Reference: _____	Wellhead _____ Footage: <u>54ft.</u>
Direction: N or <u>S</u>	<u>15°</u> Degrees E or <u>W</u>
Initial size: _____	
Final Size: _____	
Total Cubic Yards: _____	
Distances from (ft): _____ points	
Groundwater: _____	
Wellhead Protection Area: _____	
Nearest Surface Water: _____	
Distance to ephemeral stream: _____	
(Navajo/Jicarilla only)	
Ranking Score (points): _____	
Sample ID	Description
1	<u>SANDY CLAY</u>
2	<u>"</u>
3	<u>"</u>
4	<u>"</u>
5	<u>"</u>
6	
7	
8	
Comments: <u>FIVE POINT COMPASS FROM</u> <u>15TH &amp; SIDENWAS</u>	
Tests: <u>BTEX/TPH</u>	

612 E. Murray Drive  
Farmington, NM 87499

Off: (505) 327-1072

FAX: (505) 327-1496

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P.O. Box 3788  
Shiprock, NM 87420

Off: (505) 368-4065

## ANALYTICAL REPORT

Date: 08-Apr-05

**CLIENT:** Williams - Exploration & Production  
**Work Order:** 0503048  
**Project:** Rosa 154MV BGT  
**Lab ID:** 0503048-001A

**Client Sample Info:** Rosa 154MV BGT  
**Client Sample ID:** Rosa 154MV BGT #1  
**Collection Date:** 3/24/2005 12:00:00 PM  
**Matrix:** SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL AND OIL RANGE ORGANICS</b>		<b>SW8015B</b>		Analyst: JEM		
T/R Hydrocarbons: C10-C22	ND	25.0		mg/Kg	1	4/7/2005
T/R Hydrocarbons: C22-C36	ND	50.0		mg/Kg	1	4/7/2005
Surr: o-Terphenyl	89.8	23-171		%REC	1	4/7/2005
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>		Analyst: JEM		
Benzene	ND	25.0		µg/Kg	25	4/2/2005
Ethylbenzene	ND	25.0		µg/Kg	25	4/2/2005
m,p-Xylene	ND	50.0		µg/Kg	25	4/2/2005
o-Xylene	ND	25.0		µg/Kg	25	4/2/2005
Toluene	ND	50.0		µg/Kg	25	4/2/2005
Surr: 1,4-Difluorobenzene	101	75-110		%REC	25	4/2/2005
Surr: 4-Bromochlorobenzene	95.6	40-135		%REC	25	4/2/2005
Surr: Fluorobenzene	98.6	69-110		%REC	25	4/2/2005

**Qualifiers:**

ND - Not Detected at the Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

H - Parameter exceeded Maximum Allowable Holding Time

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted precision limits

E - Value above Upper Quantitation Limit - UQL

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## ANALYTICAL REPORT

Date: 08-Apr-05

**CLIENT:** Williams - Exploration & Production  
**Work Order:** 0503048  
**Project:** Rosa 154MV BGT  
**Lab ID:** 0503048-002A

**Client Sample Info:** Rosa 154MV BGT  
**Client Sample ID:** Rosa 154MVBGT #2  
**Collection Date:** 3/29/2005 10:00:00 AM  
**Matrix:** SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL AND OIL RANGE ORGANICS</b>		<b>SW8015B</b>		Analyst: JEM		
T/R Hydrocarbons: C10-C22	ND	25.0		mg/Kg	1	4/7/2005
T/R Hydrocarbons: C22-C36	ND	50.0		mg/Kg	1	4/7/2005
Surr: o-Terphenyl	98.0	23-171		%REC	1	4/7/2005
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>		Analyst: JEM		
Benzene	ND	25.0		µg/Kg	25	4/2/2005
Ethylbenzene	ND	25.0		µg/Kg	25	4/2/2005
m,p-Xylene	ND	50.0		µg/Kg	25	4/2/2005
o-Xylene	ND	25.0		µg/Kg	25	4/2/2005
Toluene	ND	50.0		µg/Kg	25	4/2/2005
Surr: 1,4-Difluorobenzene	99.7	75-110		%REC	25	4/2/2005
Surr: 4-Bromochlorobenzene	77.2	40-135		%REC	25	4/2/2005
Surr: Fluorobenzene	98.0	69-110		%REC	25	4/2/2005

**Qualifiers:**  
ND - Not Detected at the Practical Quantitation Limit  
J - Analyte detected below Practical Quantitation Limit  
B - Analyte detected in the associated Method Blank  
H - Parameter exceeded Maximum Allowable Holding Time

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted precision limits  
E - Value above Upper Quantitation Limit - UQL