

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

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

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: <u>Williams Production Co., LLC</u> Telephone: <u>505-634-4219</u> e-mail address: <u>myke.lane@williams.com</u>		
Address: <u>POB 640, Aztec, NM 87410</u>		
Facility or well name: <u>Rosa 149A</u> API #: <u>30-039-25807</u> U/L or Qtr/Qtr <u>F</u> Sec <u>12</u> T <u>31N</u> R <u>06W</u>		
County: <u>Rio Arriba</u> Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>		
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b> 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	<b>Below-grade tank</b> 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 ✓ 100 feet or more	(10 points) ✓ ( 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 1000 feet or more	✓ (10 points) ( 0 points)
<b>Ranking Score (Total Points)</b>		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:
Replace Fiberglass BGT with SGT steel tank. Composite soil sample collected following removal of tank and liner 4/10/2006.
See attached site diagram and soil sample results.

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: 12/2/07

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

Signature [Signature]

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:

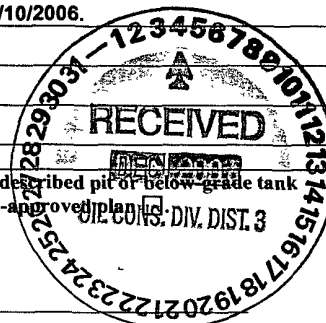
Deputy Oil & Gas Inspector,  
District #3

Printed Name/Title

Signature [Signature]

Date:

JAN 04 2008



612 E. Murray Drive  
Farmington, NM 87499

Off: (505) 327-1072

# ANALYTICAL REPORT

# iiná bá

P.O. Box 3788  
Shiprock, NM 87420

Date: 25-Apr-06 Off: (505) 368-4065

**CLIENT:** Williams - Exploration & Production  
**Work Order:** 0604023  
**Project:** Rosa 149A  
**Lab ID:** 0604023-001A

**Client Sample Info:** Rosa 149A  
**Client Sample ID:** BGT Excavation  
**Collection Date:** 4/10/2006 2:00:00 PM  
**Matrix:** SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>		Analyst: jem		
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	4/24/2006
Surr: o-Terphenyl	109	35-128		%REC	1	4/24/2006
<b>GASOLINE RANGE ORGANICS</b>		<b>SW8015B</b>		Analyst: jem		
T/R Hydrocarbons: C6-C10	0.670	0.500		mg/Kg	5	4/22/2006
Surr: Trifluorotoluene	79.8	70-130		%REC	5	4/22/2006
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>		Analyst: jem		
Benzene	ND	10		µg/Kg	5	4/21/2006
Toluene	ND	10		µg/Kg	5	4/21/2006
Ethylbenzene	ND	10		µg/Kg	5	4/21/2006
m,p-Xylene	ND	20.0		µg/Kg	5	4/21/2006
o-Xylene	ND	10		µg/Kg	5	4/21/2006
Surr: Fluorobenzene	91.9	70-110		%REC	5	4/21/2006
Surr: 1,4-Difluorobenzene	97.1	75-120		%REC	5	4/21/2006
Surr: 4-Bromochlorobenzene	159	50-140	S	%REC	5	4/21/2006

**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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MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT

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Williams Production  
Rosa 149 A Mesaverde  
Sec 12 T 31 N R 6 W

