

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: Williams Production Co., LLC Telephone: 505-634-4219 e-mail address: myke.lane@williams.com  
Address: POB 640, Aztec, NM 87410  
Facility or well name: Rosa 44A API #: 30-039-25873 U/L or Qtr/Qtr K Sec 35 T 32N R 06W  
County: RIO ARRIBA Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

RCVD DEC 20 '07

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) <input checked="" type="checkbox"/> 100 feet or more <input checked="" type="checkbox"/> ( 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) <input checked="" type="checkbox"/> No <input type="checkbox"/> ( 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) <input checked="" type="checkbox"/> 200 ft or more, but less than 1000 feet <input checked="" type="checkbox"/> (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:
Replace Fiberglass BGT with SGT steel tank. Composite soil sample collected following removal of tank and liner 11/28/2007.
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: 12/17/07

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

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 

Date:

JAN 08 2008

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

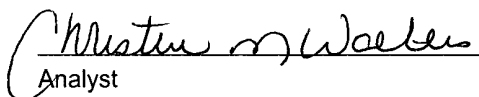
Client:	Williams Production	Project #:	04108-003
Sample ID:	BGT Closure	Date Reported:	12-06-07
Laboratory Number:	43801	Date Sampled:	11-28-07
Chain of Custody No:	3680	Date Received:	12-04-07
Sample Matrix:	Soil	Date Extracted:	12-05-07
Preservative:	Cool	Date Analyzed:	12-05-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

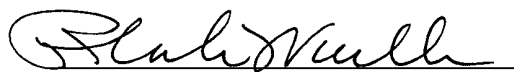
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Rosa 44A M.V.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Williams Production	Project #:	04108-003
Sample ID:	BGT Closure	Date Reported:	12-06-07
Laboratory Number:	43801	Date Sampled:	11-28-07
Chain of Custody:	3680	Date Received:	12-04-07
Sample Matrix:	Soil	Date Analyzed:	12-05-07
Preservative:	Cool	Date Extracted:	12-05-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.5	0.9
Toluene	13.3	1.0
Ethylbenzene	7.7	1.0
p,m-Xylene	20.4	1.2
o-Xylene	8.2	0.9
Total BTEX	52.1	

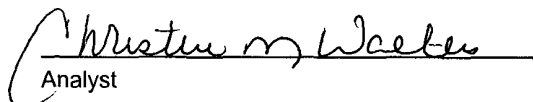
ND - Parameter not detected at the stated detection limit.

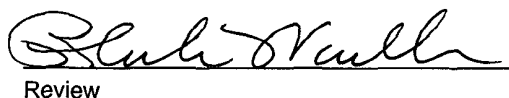
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Rosa 44A M.V.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Williams Production	Project #:	04108-003
Sample ID:	BGT Closure	Date Reported:	12-06-07
Lab ID#:	43801	Date Sampled:	11-28-07
Sample Matrix:	Soil	Date Received:	12-04-07
Preservative:	Cool	Date Analyzed:	12-05-07
Condition:	Cool and Intact	Chain of Custody:	3680

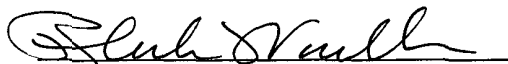
Parameter	Concentration (mg/Kg)
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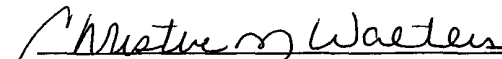
Total Chloride

24.0

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.


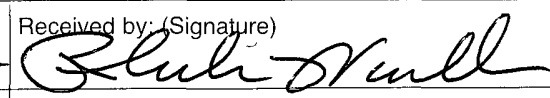
Comments: Rosa 44A M.V.

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

3680

Client: <b>Williams Production</b>			Project Name / Location: <b>Rosa AA M.V.</b>			ANALYSIS / PARAMETERS															
Client Address:			Sampler Name: <b>Emery Bean</b>			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CI					Sample Cool	Sample Intact
Client Phone No.: <b>330-3198</b>			Client No.: <b>04108-003</b>																		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative															
						HgCl <sub>2</sub>	HNO <sub>3</sub>														
BGT Closure	11/24/07	315P	43801	Soil	1			✓	✓	✓										✓	✓
Relinquished by: (Signature)					Date	Time	Received by: (Signature)					Date	Time								
					12/4/07	1355						12/4/07	1355								
Relinquished by: (Signature)							Received by: (Signature)														
Relinquished by: (Signature)							Received by: (Signature)														

## ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615

Williams Production Co.

Rosa # 44 A MV. St #826801

Sec. 35 (E) T32N R6W 1835' FNL 140' FWL

Rio Arriba County N.M.

Note Sign On Location Has

Sec. 35 T32N R6W 870' FSL 1705' FWL



Well Head



Rectifier



Ground Bed

Dead End Road

4 1/2' loop To Rosa #89

Prou.  
Unit  
3P

Pit

Dead End Road

Lat A 54 To Lat. A 46 8 1/2'

Road From Quintana Ridge

Sep. Pasco 3Ph. Ser.#203770 Built 1999  
Rectifier A J Electronic 180/240 Volt Ser # 99199  
Pit 120 Bbl Lined & Leak Detection

Drainage Direction

1500' To Bancos Wash Navajo Lake