

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

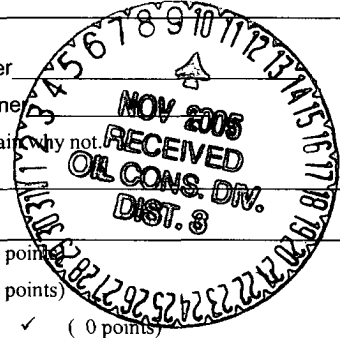
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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: <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 138A</u> API #: <u>30-045-29134</u> U/L or Qtr/Qtr <u>I</u> Sec <u>17</u> T <u>31N</u> R <u>06W</u>		
County: <u>San Juan</u> Latitude <u>36.90179</u> Longitude <u>-107.48148</u> 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"/>		
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 type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u> </u> mil Clay <input type="checkbox"/> Pit Volume <u> </u> bbl	Below-grade tank 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: <u> </u>	
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. Release discovered when replacing tank, reported to NMOCD 10/18/05. Replace Fiberglass tank with Steel Double-wall/bottom tank following excavation of impacted soils. Impacted soils disposed of offsite at IEI. 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: 11/8/05

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, DIST. 3

Printed Name/Title

Signature 

Date: 11/14/05

Location: <u>Rosa 138A</u>		Site Diagram:	
Footages:			
Unit Letter: <u>1</u>	Sec. <u>1</u> Twn. <u>48</u> Rng. <u>48</u>		
Lat: <u>36.90179</u>	Long: <u>-107.48148</u>		
Lease Num.	Land Type:		
Pit Type: <u>Fiberglass BGT</u>			
Pit Reference			
Reference: Wellhead	Footage: <u>55'</u>		
Direction: <u>N</u> or <u>S</u> <u>50</u> Degrees <u>E</u> or <u>W</u>			
Initial size: <u>20x60</u>			
Final Size: <u>5x1, 20x20x9</u>			
Total Cubic Yards:			
Distances from (ft):	points		
Groundwater: <u>2100'</u>			
Wellhead Protection Area: <u>ND</u>			
Nearest Surface Water: <u>200-1000'</u>	<u>10</u>		
Distance to ephemeral stream: <u>—</u>			
(Navajo/Jicarilla only)			
Ranking Score (points):	<u>10</u>		

Sample ID	Description	Field Reading
1	BHT	Bottom of Casing ~ 9' BGS
2	ND	Side Wall ~ 1' BGS
3	So	"
4	ENST	"
5	WGST	"
6		
7		
8		

Comments: BTEX / TPH

Tests: SAMPLE AC 4 SIDEWALLS & BTH
& CENTER OF EXAMINATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

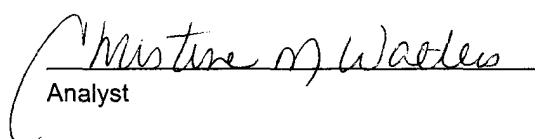
Client:	Williams Production	Project #:	04108-003-15002
Sample ID:	BMT RU 138A - BGT	Date Reported:	11-02-05
Laboratory Number:	34849	Date Sampled:	10-21-05
Chain of Custody No:	15002	Date Received:	10-31-05
Sample Matrix:	Soil	Date Extracted:	11-01-05
Preservative:	Cool	Date Analyzed:	11-01-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

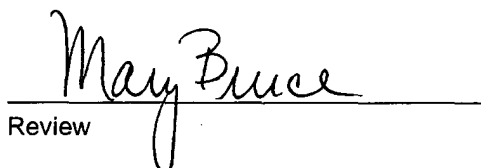
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	0.1	0.1
Total Petroleum Hydrocarbons	0.1	0.2

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 138A (LOE).


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Williams Production	Project #:	04108-003-15002
Sample ID:	BMT RU 138A - BGT	Date Reported:	11-01-05
Laboratory Number:	34849	Date Sampled:	10-21-05
Chain of Custody:	15002	Date Received:	10-31-05
Sample Matrix:	Soil	Date Analyzed:	11-01-05
Preservative:	Cool	Date Extracted:	11-01-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	13.5	1.7
Ethylbenzene	17.0	1.5
p,m-Xylene	12.2	2.2
o-Xylene	3.0	1.0
Total BTEX	45.7	

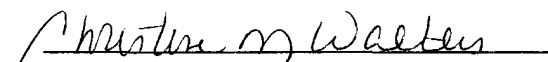
ND - Parameter not detected at the stated detection limit.


Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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 138A LOE.


Analyst


Review