

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 137A</u> API #: <u>30-039-26129</u> U/L or Qtr/Qtr <u>I</u> Sec <u>31</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"/>		
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 _____ mil Clay <input type="checkbox"/> Pit Volume _____ 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. _____	
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)
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 10/26/2006
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

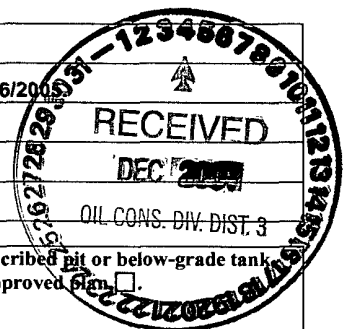
Signature [Signature]

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,
Printed Name/Title District #3

Signature [Signature]

Date: JAN 07 2008



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

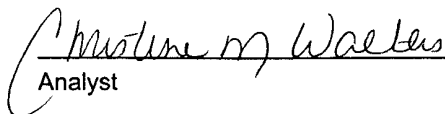
Client:	Williams Production	Project #:	04108-003-15000
Sample ID:	BGT - Rosa 137A	Date Reported:	11-02-05
Laboratory Number:	34847	Date Sampled:	10-26-05
Chain of Custody No:	15000	Date Received:	10-31-05
Sample Matrix:	Soil	Date Extracted:	11-01-05
Preservative:	Cool	Date Analyzed:	11-01-05
Condition:	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)	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 137A (LOE).**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Williams Production	Project #:	04108-003-15000
Sample ID:	BGT - Rosa 137A	Date Reported:	11-01-05
Laboratory Number:	34847	Date Sampled:	10-26-05
Chain of Custody:	15000	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	45.2	1.8
Toluene	10.0	1.7
Ethylbenzene	3.6	1.5
p,m-Xylene	17.7	2.2
o-Xylene	5.3	1.0
Total BTEX	81.8	

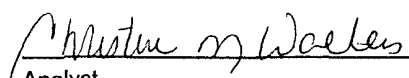
ND - Parameter not detected at the stated detection limit.

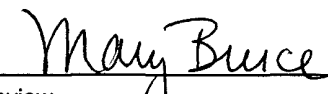
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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 137A (LOE).

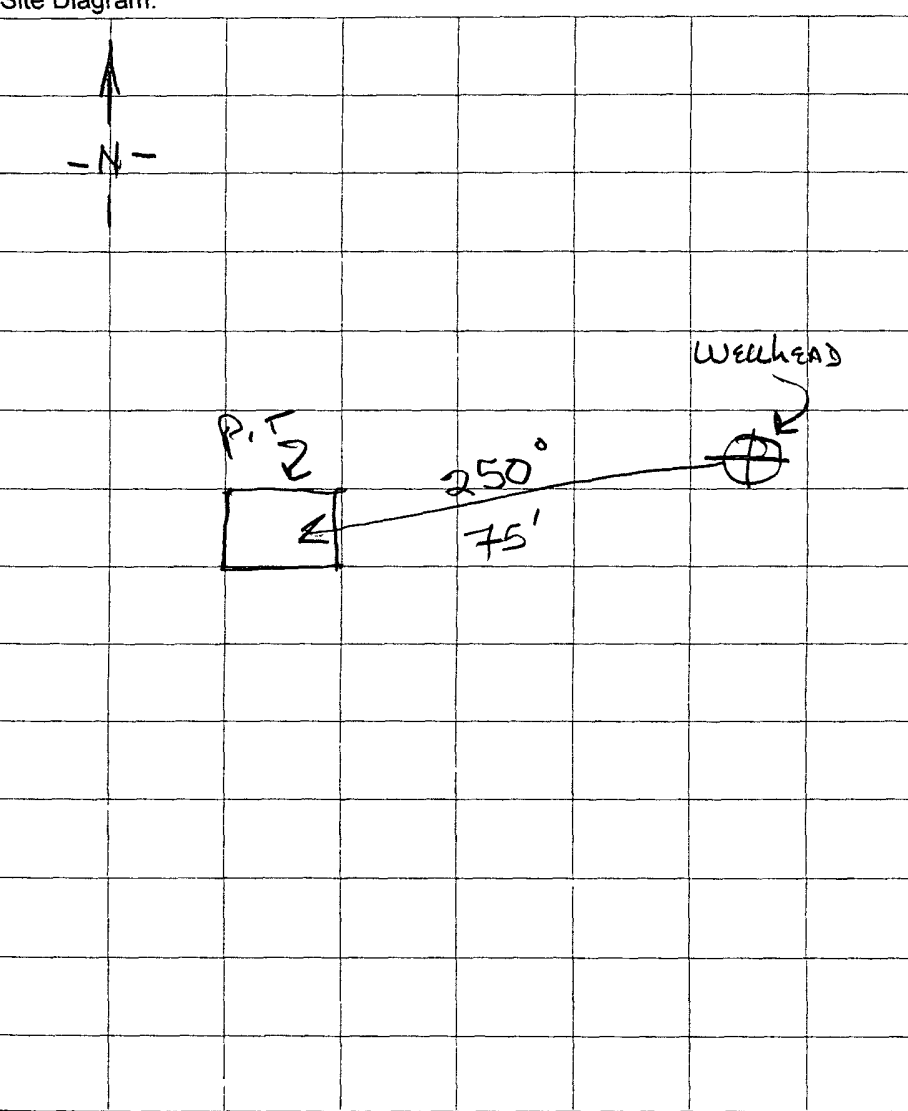

Analyst


Review

CHAIN OF CUSTODY RECORD

15000

Client / Project Name Williams Production			Project Location Rosa 137A (LOE)		ANALYSIS / PARAMETERS								
Sampler: JAMES			Client No. 04108-003-15000		No. of Containers 1	BTEX ✓	TPH/oil ✓					Remarks	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									
BGT - Rosa 137A	10/26	1000	34847	SOL									
Relinquished by: (Signature) 			Date 10/31/05	Time 1327	Received by: (Signature) M Bruce			Date 10/31/05	Time 1327				
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										Sample Receipt			
											Y	N	N/A
										Received Intact	✓		
										Cool - Ice/Blue Ice	✓		

Location: <u>ROSA 137A PC/MV</u>	Site Diagram:																											
Footages: <u>1845' FSL</u> $\frac{1}{2}$ <u>1005' FEL</u>																												
Unit Letter: _____ Sec. <u>31</u> Twn. <u>31N Rng 5W</u>																												
Lat: <u>36° 51.240' N</u> Long: <u>107° 23.907' W</u>																												
Lease Num. <u>SF 078764</u> Land Type: _____																												
Pit Type: _____																												
Pit Reference																												
Reference: _____ Wellhead _____ Footage: <u>75'</u>																												
Direction: <u>(N)</u> or S <u>250°</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): _____																												
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 15%;">Sample ID</th><th style="width: 40%;">Description</th><th style="width: 45%;">Field Reading</th></tr></thead><tbody><tr><td>1</td><td></td><td></td></tr><tr><td>2</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td></tr><tr><td>6</td><td></td><td></td></tr><tr><td>7</td><td></td><td></td></tr><tr><td>8</td><td></td><td></td></tr></tbody></table>		Sample ID	Description	Field Reading	1			2			3			4			5			6			7			8		
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