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 096** API #: **30-045-28983** U/L or Qtr/Qtr **M** Sec **17** T **31N** R **06W**
County: **San Juan** Latitude 36.5614 Longitude -107.2534 NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

RCVD OCT 29 '07
OIL CONS. DIV.
DIST. 3

Pit	**Below-grade tank**	
Type: Drilling ☐ Production ☒ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☐ Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Pit Volume ____bbl	Volume: 50 bbl Type of fluid: Produced Water Construction material: Steel Double-walled, with leak detection? Yes ☒ 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 50 feet or more, but less than 100 feet ✓ 100 feet or more	(20 points) (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 ✓ No	(20 points) ✓ (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet ✓ 200 ft or more, but less than 1000 feet 1000 feet or more	(20 points) ✓ (10 points) (0 points)
	Ranking Score (Total Points)	10

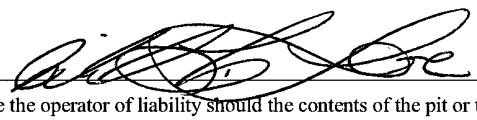
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial 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:

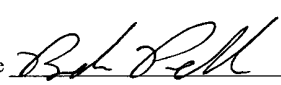
BGT removal. No release suspected as tank in tack. Replaced with Above Grade Produced Water Tank.

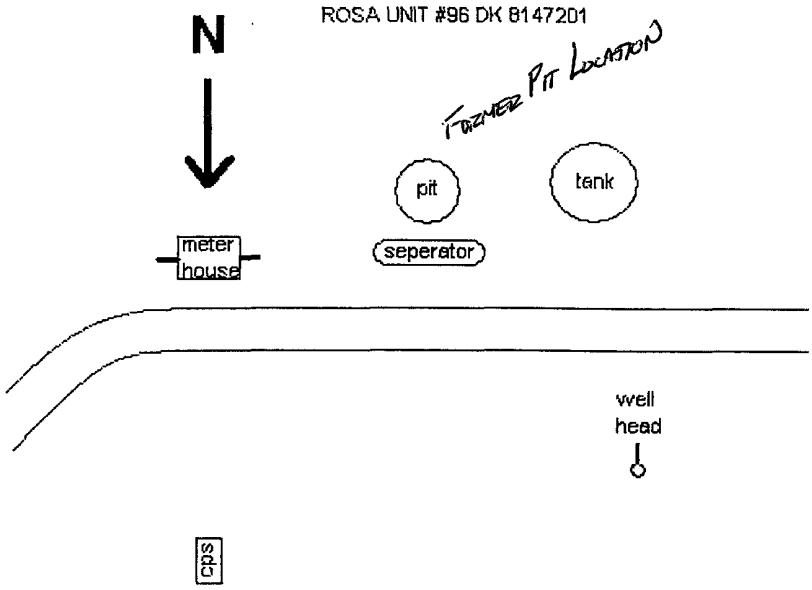
Sample collected prior to closure. See attached site diagram and soil sample results.

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: 10/29/07
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:
Printed Name/Title Deputy Oil & Gas Inspector, District #3 Signature  Date: NOV 28 2007


ROSA UNIT #96 DK 8147201
N
FORMER PIT LOCATION
pit
tank
meter house
seperator
well head
cps

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

January 11, 2007

Williams Production
Mr. Myke Lane
P.O. Box 640
Aztec, NM 87410

Phone: (505) 634-4219
Fax: (505) 634-4214

Client No.: 04108-003

No WPX work #96DK

Dear Mr. Lane,

Enclosed are the analytical results for the sample collected from the location designated as "Rosa 196". One soil sample was collected by Williams Production personnel 1/08/07 and were received by the Envirotech laboratory on 1/10/07 for BTEX per USEPA Method 8021 and Total Petroleum Hydrocarbons (TPH) per USEPA Method 8015.

The sample was documented on Envirotech Chain of Custody No. 1918 and assigned Laboratory No. 39676 (Pit) for tracking purposes.

The sample was analyzed on 1/11/07 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

enc.

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:	Pit	Date Reported:	01-11-07
Laboratory Number:	39676	Date Sampled:	01-08-07
Chain of Custody No:	1918	Date Received:	01-10-07
Sample Matrix:	Soil	Date Extracted:	01-11-07
Preservative:	Cool	Date Analyzed:	01-11-07
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 ~~196~~**
96DK

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	01-11-07 QA/QC	Date Reported:	01-11-07
Laboratory Number:	39676	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-11-07
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	07-11-05	1.0063E+003	1.0073E+003	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	07-11-05	1.0065E+003	1.0085E+003	**0.20%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**75 - 125%**

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: **QA/QC for Sample 39676**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Williams Production	Project #:	04108-003
Sample ID:	Pit	Date Reported:	01-11-07
Laboratory Number:	39676	Date Sampled:	01-08-07
Chain of Custody:	1918	Date Received:	01-10-07
Sample Matrix:	Soil	Date Analyzed:	01-11-07
Preservative:	Cool	Date Extracted:	01-11-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**3.1**	**1.7**
Ethylbenzene	**5.4**	**1.5**
p,m-Xylene	**20.3**	**2.2**
o-Xylene	**9.8**	**1.0**
Total BTEX	**38.6**	

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 ~~196~~**
96DK

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-11-BTEX QA/QC	Date Reported:	01-11-07
Laboratory Number:	39676	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-11-07
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	4.0495E+007	4.0576E+007	**0.2%**	**ND**	**0.2**
Toluene	5.6226E+007	5.6339E+007	**0.2%**	**ND**	**0.2**
Ethylbenzene	2 6715E+007	2.6769E+007	**0.2%**	**ND**	**0.2**
p,m-Xylene	1.1491E+008	1.1514E+008	**0.2%**	**ND**	**0.2**
o-Xylene	5 1467E+007	5.1570E+007	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**ND**	**ND**	**0.0%**	**0 - 30%**	**1.8**
Toluene	**3.1**	**3.1**	**0.0%**	**0 - 30%**	**1.7**
Ethylbenzene	**5.4**	**5.4**	**0.0%**	**0 - 30%**	**1.5**
p,m-Xylene	**20.3**	**20.2**	**0.5%**	**0 - 30%**	**2.2**
o-Xylene	**9.8**	**9.7**	**1.0%**	**0 - 30%**	**1.0**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**49.9**	**99.8%**	**39 - 150**
Toluene	**3.1**	**50.0**	**53.1**	**100.0%**	**46 - 148**
Ethylbenzene	**5.4**	**50.0**	**55.3**	**99.8%**	**32 - 160**
p,m-Xylene	**20.3**	**100**	**120**	**99.9%**	**46 - 148**
o-Xylene	**9.8**	**50.0**	**59.7**	**99.8%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Sample 39676**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1918

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Williams Production	Rosa 196	
Sampler:	Client No. 04108-003	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX 8021					Remarks
Pit	1/8/07	15:00	39678	Soil	1	X	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	1/10/07	14:35	[signature]	1/10/07	14:35
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Myke Lane

ENVIROTECH INC.

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

Sample Receipt	Y	N	N/A
Received Intact	X		
Cool - Ice/Blue Ice	X		