

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
March 4, 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

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Williams Exploration & Production Telephone: 970/563-3300

e-mail address: Olivia.Engle@williams.com

Address: 999 Goddard Ave Ignacio, CO 81137

Facility or well name: Rosa 202 API #: 30-039-24393

U/L or Qtr/Qtr SE SW Sec 22 T 31N R 6W

County: _____ Latitude 36.88028000 Longitude -107.43571000 Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐ ~~Other~~

Pit

Type: Drilling ☐ Production ☐ Disposal ☐

Workover ☒ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12mil Clay ☐ Volume 500 bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction material: _____

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

(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 feet 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: 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 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.

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 constructed or closed according to NMOCD guidelines.

Date: 5/26/04

Printed Name/Title Olivia Engle 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:

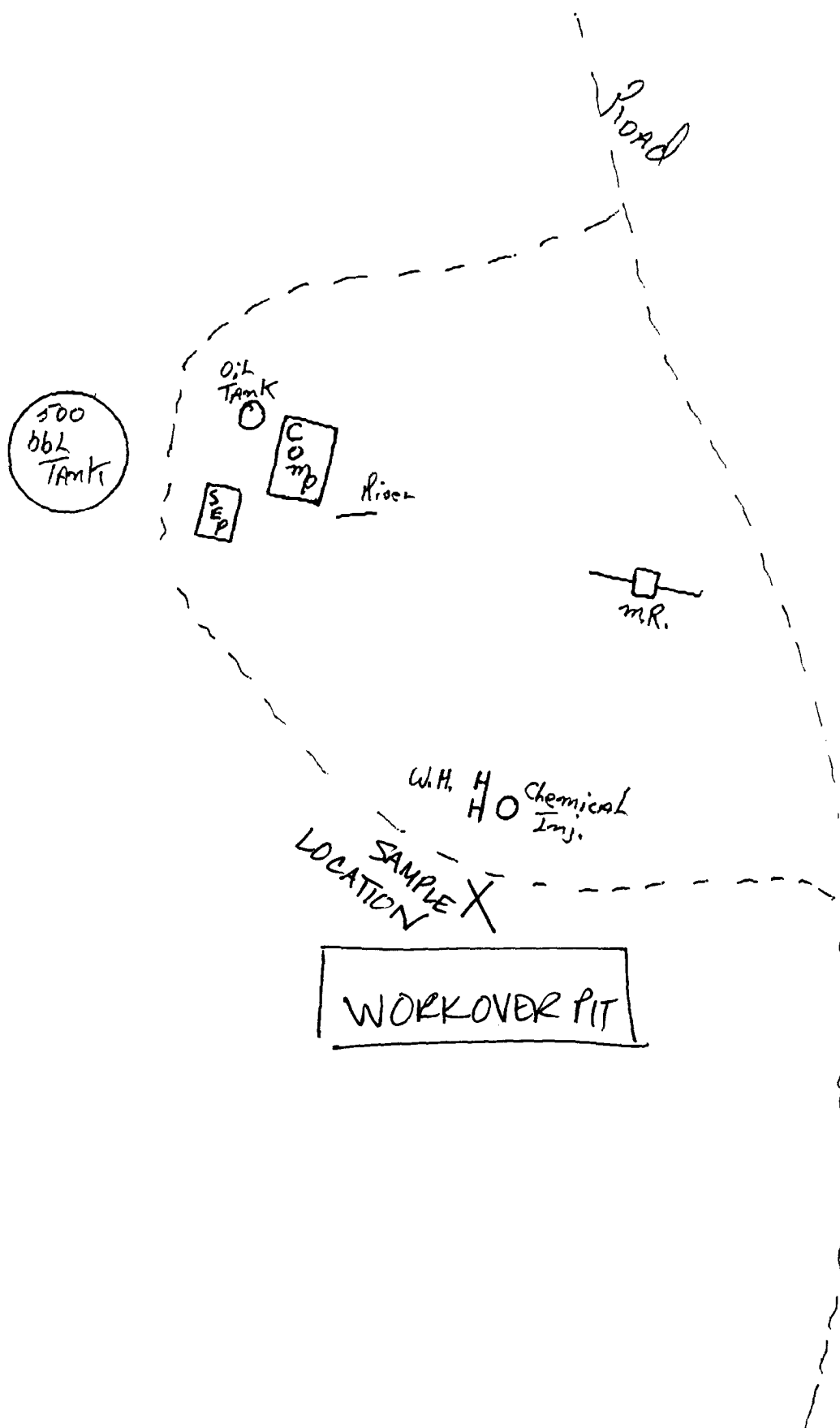
Date: _____

Printed Name/Title _____

Signature

closed under General Plan

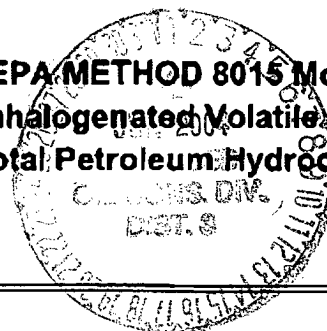
Rosa Unit #202

$$\uparrow$$


ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons



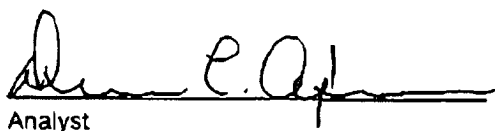
Client:	Williams Production	Project #:	03020-001
Sample ID:	Rosa 202 Reserve Pit	Date Reported:	05-03-04
Laboratory Number:	28546	Date Sampled:	04-29-04
Chain of Custody No:	12097	Date Received:	04-30-04
Sample Matrix:	Soil	Date Extracted:	04-30-04
Preservative:	Cool	Date Analyzed:	05-03-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

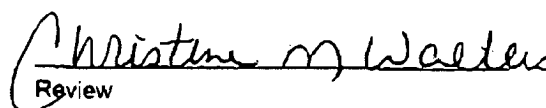
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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 Pits.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

JUN 2004

TRACE METAL ANALYSIS

Client:	Williams Production	Project #:	03020-001
Sample ID:	Rosa 202 Reserve Pit	Date Reported:	05-03-04
Laboratory Number:	28546	Date Sampled:	04-29-04
Chain of Custody:	12097	Date Received:	04-30-04
Sample Matrix:	Soil	Date Analyzed:	05-03-04
Preservative:	Cool	Date Digested:	04-30-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.010	0.001	5.0
Barium	0.562	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.001	0.001	5.0
Lead	0.001	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.005	0.001	1.0
Silver	ND	0.001	5.0

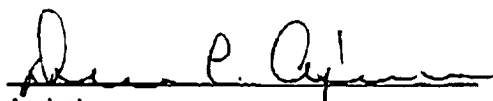
ND - Parameter not detected at the stated detection limit.

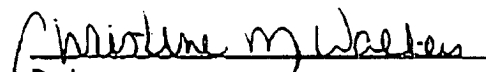
References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.
SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, August 24, 1998.

Comments: Rosa Pits.


Analyst


Review

FROM

5-3-04 2:28PM:ENVIROTECH

(TUE) MAY 4 2004 9:15/ST. 9:10/No. 6811532091 P 26

:5056321885

25/ 30

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

JUN 2004

Total Chloride

Client:	Williams Production	Project#:	03020-001
Sample ID:	Rosa 202 Reserve Rlt	Date Reported:	04-30-04
Lab ID#:	28546	Date Sampled:	04-29-04
Sample Matrix:	Soil	Date Received:	04-30-04
Preservative:	Cool	Date Analyzed:	04-30-04
Condition:	Cool and Intact	Chain of Custody:	12097

Parameter

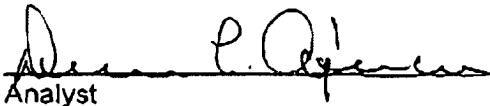
Concentration (mg/L)

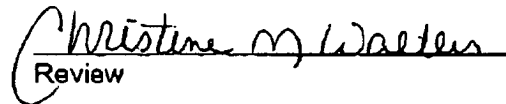
Total Chloride

1,080

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

Comments: Rosa Pits.


Analyst


Review

FROM

7-5-3-04, 2:28PM: ENVIROTECH

(TUE) MAY 4 2004 9:15/ST. 9:10/No. 6811532091 P 29

:5056321865

28/ 30

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

JUN 2004

OIL CONS. DIV.

Total Chloride

Client:	Williams Production	Project #:	03020-001
Sample ID:	Rosa 211 Reserve Pit	Date Reported:	04-30-04
Lab ID#:	28549	Date Sampled:	04-29-04
Sample Matrix:	Soil	Date Received:	04-30-04
Preservative:	Cool	Date Analyzed:	04-30-04
Condition:	Cool and Intact	Chain of Custody:	12097

Parameter

Concentration (mg/L)

Total Chloride

227

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

Comments: Rosa Pits.

Analyst

Review