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: Chevron USA Telephone: (432) 687-7123 e-mail address: bailerg@chevron.com
Address: 15 Smith Road, Midland, TX 79705
Facility or well name: Tafoya L2-03 API #: 30-045-33426 U/L or Qtr/Qtr E Sec 35 T 32 N R 13W
County: San Juan Latitude 36.94638453 Longitude -108.1795365 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit	**Below-grade tank**		
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness Clay ☐ Pit Volume _____bbl	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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)	0
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)	0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	10
	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:
All liquids were removed, the liner cut at mud level, and the drill pit filled as per current NMOCD regulatory standards.
Prior to closing this drill pit a sample was collected by a environmental scientist and transported to Envirotech's Laboratory where it was analyzed for Total Petroleum
Hydrocarbons (TPH), Benzene, Toluene, Ethylbenzene, Xylene (BTEX), and Chloride. Both TPH and BTEX results are below the regulatory standard for this site.

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: _____
Printed Name/Title Mr. Rodney Bailey – Environmental Specialist Signature Rodney Bailey

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.

RECEIVED
OIL CONS. DIV. DIST. 3

Approval:
Printed Name/Title _____ Signature Brandon Powell Date: FEB 12 2008
Deputy Oil & Gas Inspector,
District #3

PRIVATE LAND 36.94638453 -108.1795365

CLIENT:	ENVIROTECH INC. ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615	LOCATION NO: C.O.C. NO:

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: ____ of ____

LOCATION: NAME: TORRA TAFOYA WELL #: LZ-03 PIT: DRILL

QUAD/UNIT: E SEC: 35 TWP: 32N RNG: 13W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 1600 FNL 675 FWL CONTRACTOR:

DATE STARTED: 12/14/07
DATE FINISHED: 12/14/07
ENVIRONMENTAL SPECIALIST: BLH

EXCAVATION APPROX. — FT. x — FT. x — FT. DEEP. CUBIC YARDAGE: —

DISPOSAL FACILITY: — REMEDIATION METHOD: —

LAND USE: RANGE ~~LEASE~~ API: 30-045-33426 FORMATION:

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 139 FT. 50° FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >200 <1000

NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

CHECK ONE:
X PIT ABANDONED
___ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

SAMPLE COLLECTED FROM DRILL PIT

SEE ATTACHED FOR LAB RESULTS

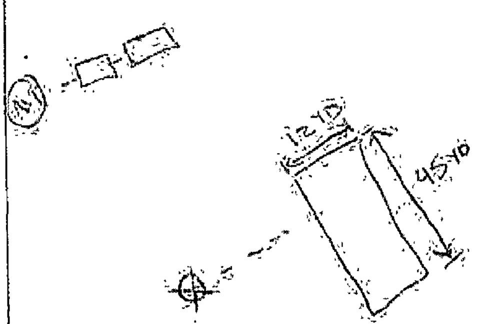
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL FREON	DILUTION	READING	CALC ppm

SCALE

0 FT

PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	
2	
3	
4	
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
DRILL PIT	TPH	
	BTEX	
	Cl-	

PIT PROFILE

TRAVEL NOTES: CALLOUT: ________ ONSITE: ________

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Chevron	Project #:	92270-210
Sample ID:	Tofoya 22-3	Date Reported:	12-21-07
Laboratory Number:	43879	Date Sampled:	12-17-07
Chain of Custody No:	3713	Date Received:	12-17-07
Sample Matrix:	Soil	Date Extracted:	12-19-07
Preservative:	Cool	Date Analyzed:	12-20-07
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)	**13.8**	**0.1**
Total Petroleum Hydrocarbons	**13.8**	**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: **La Plata - New Mexico.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

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:	12-20-07 QA/QC	Date Reported:	12-21-07
Laboratory Number:	43878	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-20-07
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	1.0532E+003	1.0536E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	9.0973E+002	9.1009E+002	**0.04%**	**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	**0.5**	**0.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**303**	**301**	**0.6%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	**0.5**	**250**	**250**	**99.6%**	**75 - 125%**
Diesel Range C10 - C28	**303**	**250**	**550**	**99.5%**	**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 Samples 43878 - 43886 and 43900.**

Christine M Walters
Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-210
Sample ID:	Tofoya 22-3	Date Reported:	12-21-07
Laboratory Number:	43879	Date Sampled:	12-17-07
Chain of Custody:	3713	Date Received:	12-17-07
Sample Matrix:	Soil	Date Analyzed:	12-20-07
Preservative:	Cool	Date Extracted:	12-19-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**2.4**	**0.9**
Toluene	**10.6**	**1.0**
Ethylbenzene	**5.3**	**1.0**
p,m-Xylene	**29.3**	**1.2**
o-Xylene	**8.9**	**0.9**
Total BTEX	**56.5**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**96.0 %**
	1,4-difluorobenzene	**96.0 %**
	Bromochlorobenzene	**96.0 %**

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: **La Plata - New Mexico.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	12-20-BTEX QA/QC	Date Reported:	12-21-07
Laboratory Number:	43878	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-20-07
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	6.7922E+007	6.8059E+007	**0.2%**	**ND**	**0.1**
Toluene	6.5053E+007	6.5183E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	5.2668E+007	5.2774E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	1.0200E+008	1.0220E+008	**0.2%**	**ND**	**0.1**
o-Xylene	4.9695E+007	4.9795E+007	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg):	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**1.8**	**1.7**	**5.6%**	**0 - 30%**	**0.9**
Toluene	**21.0**	**20.9**	**0.5%**	**0 - 30%**	**1.0**
Ethylbenzene	**6.8**	**6.7**	**1.5%**	**0 - 30%**	**1.0**
p,m-Xylene	**38.7**	**38.6**	**0.3%**	**0 - 30%**	**1.2**
o-Xylene	**11.5**	**11.4**	**0.9%**	**0 - 30%**	**0.9**

Spike Conc. (ug/Kg):	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**1.8**	**50.0**	**51.6**	**99.6%**	**39 - 150**
Toluene	**21.0**	**50.0**	**70.8**	**99.7%**	**46 - 148**
Ethylbenzene	**6.8**	**50.0**	**56.3**	**99.1%**	**32 - 160**
p,m-Xylene	**38.7**	**100**	**138**	**99.6%**	**46 - 148**
o-Xylene	**11.5**	**50.0**	**61.4**	**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 Samples 43878 - 43883, 43885 - 43886 and 43900.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Chevron	Project #:	92270-210
Sample ID:	Tofoya 22-3	Date Reported:	12-21-07
Lab ID#:	43879	Date Sampled:	12-17-07
Sample Matrix:	Soil	Date Received:	12-17-07
Preservative:	Cool	Date Analyzed:	12-20-07
Condition:	Cool and Intact	Chain of Custody:	3713

Parameter	Concentration (mg/Kg)
Total Chloride	**56.0**

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

Comments: **La Plata - New Mexico.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

CHAIN OF CUSTODY RECORD

3713

Client:	Project Name / Location:	ANALYSIS / PARAMETERS
CHEVRON	LA PLATA - NEW MEXICO	
Client Address:	Sampler Name:	
	N. HAYWORTH	
Client Phone No.:	Client No.:	
	92270-210	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative: $HgCl_2$	Preservative: HNO_3	Preservative: Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	Cl^-				Sample Cool	Sample Intact
FEDERAL B*3	12/17/07 NH		43878	SOIL	1			✓	✓	✓								✓					
TOFOYA LZ-3	12/17/07		43879		1			✓	✓	✓								✓					
KLINE 10-4	12/17/07		43880		1			✓	✓	✓								✓					
MONTOYA 25-4	12/17/07		43881		1			✓	✓	✓								✓					
WILMER 9-3	12/17/07		43882		1			✓	✓	✓								✓					
WRIGHT 10-2	12/17/07		43883		1			✓	✓	✓								✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nicole Haywood	12/17/07	1600		12/17/07	1600
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

Rodney Bailey
HES Waste & Water Specialist

Chevron North America Exploration and Production
Mid Continent Business Unit/HES
15 Smith Rd
Midland, Texas 79705
Tel 432-894-3519
Fax 866-569-5650
baileraq@chevron.com

Mr. Rodney Bailey
Environmental Specialist
Chevron USA
15 Smith Road
Midland, TX 79705

Project No.92270-210

Phone: (432) 687-7123
Cell: (432) 894-3519

January 2, 2008

Mr. Brandon Powell
New Mexico Oil Conservation Division
1000 Rio Bravo
Aztec, NM 87410

Phone: (505) 334-6178 ext. 15

RE: SAMPLING AND CLOSURE OF A DRILL PIT LOCATED AT THE TAFOYA L2-03 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Mr. Powell,

Envirotech has completed sampling of a drill pit located at the Tafoya L2-03 well site, San Juan County, New Mexico. Closure was completed by a third party. Attached to this letter are the field analysis and the C-144 pit closure documentation.

Chevron understands that under current NMOCD regulations a drill pit can be closed without a sample being collected. Closure of a drill pit can occur by removing all liquids, cutting the liner at the mud level and filling the pit with material originally removed to create the pit. Chevron feels that prior to this closure a sample should be taken in order to determine if contamination is present above the regulatory standard.

The site was ranked according to the NMOCD/BLM guidance for unlined surface impoundments. The site was ranked as a 1000 ppm closure for Total Petroleum Hydrocarbons (TPH), 10 ppm Benzene and 50 ppm Benzene, Toluene, Ethylbenzene, and Xylene (BTEX). On December 17, 2007, one (1) composite sample was collected from inside the drill pit. The sample was then placed on ice and transported under chain of custody to Envirotech's Laboratory for analysis by USEPA Method 8015 for TPH and USEPA Method 8021 for BTEX. The sample was also analyzed for Chlorides. The result showed that the material in the drill pit is below the NMOCD regulatory closure standard.

Based on the results from the sampling at the Tafoya L2-03 well site, Envirotech recommends that this drill pit be closed as per current regulations and no further action with regards to this drill pit be taken after closure. If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Rodney Bailey
Chevron North America
Exploration & Production Company

Enclosures: C-144
Field Notes
Analytical Results