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: Rincon Unit 419 API #: 30-039-27797 U/L or Qtr/Qtr I Sec 29 T 27 N R 6W
County Rio Arriba Latitude 36.5440824718 Longitude -107.483944111 NAD. 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

RCVD FEB 1 '08
OIL CONS. DIV.
DIST. 3

Pit	**Below-grade tank**
Type: Drilling ☒ Production ☐ Disposal ☐	Volume: ___bbl Type of fluid:
Workover ☐ Emergency ☐	Construction material:
Lined ☒ Unlined ☐	Double-walled, with leak detection? Yes ☐ If not, explain why not.
Liner type. Synthetic ☒ Thickness Clay ☐	
Pit Volume _____bbl	

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)	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	(20 points)	
	No	(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	(20 points)	
	200 feet or more, but less than 1000 feet	(10 points)	
	1000 feet or more	(0 points)	0
	Ranking Score (Total Points)		0

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 analyzed in the field for Total Petroleum Hydrocarbons (TPH), Organic Vapors (OV)
And total chlorides. The sample was above the TPH and OV for the field method. The sample was then transported to Envirotech's Laboratory where it was analyzed for Total
Petroleum Hydrocarbons (TPH) and Benzene, Toluene, Ethylbenzene, Xylene (BTEX),. 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.

Approval:
Printed Name/Title _____ Signature _____ Date: FEB 12 2008

Deputy Oil & Gas Inspector,
District #3

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: Rincon Unit WELL #: 419 PIT: Drill
QUAD/UNIT: NE/SE SEC: 29 TWP: 27N RNG: 6W PM: NMPM CNTY: RA ST: NM
QTR/FOOTAGE: CONTRACTOR:

DATE STARTED: 1/10/07
DATE FINISHED: 1/10/07
ENVIRONMENTAL SPECIALIST: GWC

EXCAVATION APPROX 0 FT. x 0 FT. x 0 FT. DEEP. CUBIC YARDAGE: 0
DISPOSAL FACILITY: N/A REMEDIATION METHOD: N/A
LAND USE: _____ LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 54 FT. 260° FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: 26,000'
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPM

CHECK ONE:
X PIT ABANDONED
___ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

Low Range Test Strip

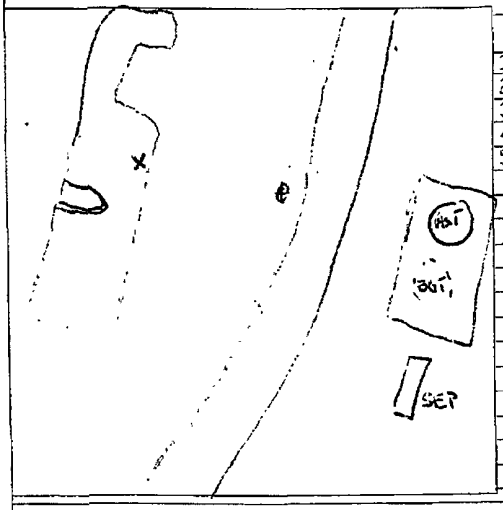
Field chlorine 3.4 units = 136 ppm

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
	TP SID					196	196
	Discrete		5.0	20	4	1792	7168

SCALE
0 FT

PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 Discrete	146
2	
3	
4	
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE

TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Field Chloride

Client:	Chevron Production	Project #:	92270-219
Sample No.:	1	Date Reported:	1/23/2008
Sample ID:	Drill pit composite	Date Sampled:	1/11/2008
Sample Matrix:	Soil	Date Analyzed:	1/11/2008
Preservative:	Cool	Analysis Needed:	Chloride
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Field Chloride	**136**	**30.0**

ND = Parameter not detected at the stated detection limit.

References: "Standard Methods for the Examination of Water and Wastewater", 18th ed., 1992
Hach Company Quantab Titrators for Chloride

Comments: **Rincon Unit 419**

Analyst

Greg Crabtree
Printed

Review

Nicole Hayworth
Printed

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Chevron	Project #:	92270-219
Sample ID:	Drill Pit	Date Reported:	01-15-08
Laboratory Number:	44046	Date Sampled:	01-11-08
Chain of Custody No:	3792	Date Received:	01-11-08
Sample Matrix:	Soil	Date Extracted:	01-14-08
Preservative:	Cool	Date Analyzed:	01-11-08
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**76.3**	**0.2**
Diesel Range (C10 - C28)	**971**	**0.1**
Total Petroleum Hydrocarbons	**1,050**	**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: **Rincon Unit #419.**

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:	01-14-08 QA/QC	Date Reported:	01-15-08
Laboratory Number:	44043	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-14-08
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	1.0599E+003	1.0603E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0638E+003	1.0642E+003	**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	**3.0**	**2.9**	**3.3%**	**0 - 30%**
Diesel Range C10 - C28	**4.7**	**4.5**	**4.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**3.0**	**250**	**252**	**99.6%**	**75 - 125%**
Diesel Range C10 - C28	**4.7**	**250**	**250**	**98.2%**	**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 44043 - 44044 and 44046.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-219
Sample ID:	Drill Pit	Date Reported:	01-15-08
Laboratory Number:	44046	Date Sampled:	01-11-08
Chain of Custody:	3792	Date Received:	01-11-08
Sample Matrix:	Soil	Date Analyzed:	01-14-08
Preservative:	Cool	Date Extracted:	01-14-08
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**7.5**	**0.9**
Toluene	**396**	**1.0**
Ethylbenzene	**220**	**1.0**
p,m-Xylene	**978**	**1.2**
o-Xylene	**239**	**0.9**
Total BTEX	**1,840**	

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: **Rincon Unit #419.**

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:	01-14-BTEX QA/QC	Date Reported:	01-15-08
Laboratory Number:	44043	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-14-08
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	2.1892E+007	2.1936E+007	**0.2%**	**ND**	**0.1**
Toluene	1.7590E+007	1.7625E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	1.3914E+007	1.3942E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	2.9464E+007	2.9523E+007	**0.2%**	**ND**	**0.1**
o-Xylene	9.7239E+006	9.7434E+006	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample:	Duplicate:	%Diff.	Accept. Range:	Detect. Limit:
Benzene	**18.0**	**17.9**	**0.6%**	**0 - 30%**	**0.9**
Toluene	**540**	**539**	**0.2%**	**0 - 30%**	**1.0**
Ethylbenzene	**541**	**539**	**0.2%**	**0 - 30%**	**1.0**
p,m-Xylene	**1,080**	**1,070**	**0.9%**	**0 - 30%**	**1.2**
o-Xylene	**599**	**598**	**0.2%**	**0 - 30%**	**0.9**

Spike Conc. (ug/Kg)	Sample:	Amount Spiked:	Spiked Sample:	% Recovery:	Accept. Range:
Benzene	**18.0**	**50.0**	**67.9**	**99.9%**	**39 - 150**
Toluene	**540**	**50.0**	**584**	**99.0%**	**46 - 148**
Ethylbenzene	**541**	**50.0**	**592**	**100.3%**	**32 - 160**
p,m-Xylene	**1,080**	**100**	**1,170**	**99.1%**	**46 - 148**
o-Xylene	**599**	**50.0**	**647**	**99.7%**	**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 44043 - 44046.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

3792

Client:	Project Name / Location:
Chevron	Rincon Unit #419
Client Address:	Sampler Name: G. Crabtree
Client Phone No.: 832 259-9536	Client No.: 92270-219

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)					Sample Cool	Sample Intact
								ANALYSIS / PARAMETERS														
Drill Pit	1/11/08	1200	44046	Soil	1-4oz			✓	✓												X	X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Greg Crabtree	1/11/08	1650		1/11/08	16:50
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
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Tel 432-894-3519
Fax 866-569-5650
baileyq@chevron.com

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Environmental Specialist
Chevron USA
15 Smith Road
Midland, TX 79705

Project No.92270-219

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

January 23, 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 RINCON UNIT #419 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Mr. Powell,

Envirotech has completed sampling of a drill pit located at the Rincon Unit #419 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 5000 ppm closure for Total Petroleum Hydrocarbons (TPH), 10 ppm Benzene and 50 ppm Benzene, Toluene, Ethylbenzene, and Xylene (BTEX). On January 11, 2008, one (1) sample was collected from inside the drill pit. The sample was analyzed in the field for TPH via USEPA Method 418.1 and Organic Vapors (OV) with a Photoionization detector. The sample in the field was slightly higher than the 5000 ppm closure for TPH and 100 ppm OV. 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 in the field. The results showed that the material in the drill pit is below the current NMOCD regulatory closure standards.

Based on the results from the sampling at the Rincon Unit #419 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