

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

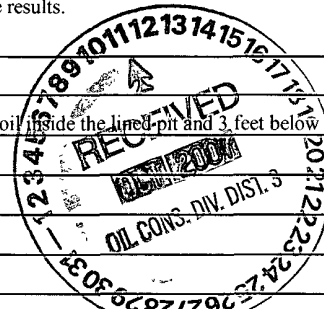
Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

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

Operator: <u>Chevron Production Co</u> Telephone: <u>(505) 334-7117</u> e-mail address: <u>MArcher@chevron.com</u>		
Address: <u>322 County Road 3100, Aztec, NM 87410</u>		
Facility or well name: <u>Rincon #59</u> API #: <u>30-039-06977</u> U/L or Qtr/Qtr <u>J</u> Sec <u>24</u> T. <u>27</u> N. <u>R</u> <u>7W</u>		
County: <u>Rio Arriba</u> Latitude <u>36.557292</u> Longitude <u>-107.52314</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input 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 checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>2 Layers of 6mil plastic with thin fiberglass layer between</u> Clay <input type="checkbox"/> Pit Volume <u>6</u> bbl	Below-grade tank Volume: <u> </u> bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes <input 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 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) 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 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:
Soil passed TPH standard of 5000 ppm using USEPA Method 418.1 and 10 ppm Benzene and 50 ppm BTEX standard for the soil inside the lined pit and 3 feet below lowest layer of liner.



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: 10-10-07

Printed Name/Title Mr. Michael W. Archer - HES Specialist

Signature Michael W. Archer

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.

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title

Signature Bob Dell

Date: OCT 29 2007

CLIENT: _____	ENVIROTECH INC. <small>ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615</small>	LOCATION NO: _____
9220-170-019		C.O.C. NO: _____

FIELD REPORT: CLOSURE VERIFICATION	PAGE No: _____ of _____
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LOCATION: NAME <u>RINCON</u> WELL #: <u>59</u> PIT. QUAD/UNIT: <u>3</u> SEC: <u>24</u> TWP: <u>27</u> RNG: <u>7</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1650' FSL 1645' FEL</u> CONTRACTOR: _____	DATE STARTED: <u>08/29/07</u> DATE FINISHED: <u>09/13/07</u> ENVIRONMENTAL SPECIALIST: <u>ENH/RUC/ANC</u>
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EXCAVATION APPROX _____ FT. x _____ FT. x _____ FT. DEEP. CUBIC YARDAGE: _____
DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____
LAND USE: _____ LEASE: <u>SF 079298-D</u> FORMATION: _____


FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>70</u> FT. <u>320°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>2100</u> NEAREST WATER SOURCE: <u>21000</u> NEAREST SURFACE WATER: <u>21000</u>
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NMDCD RANKING SCORE: <u>0</u> NMDCD TPH CLOSURE STD: <u>5000</u> PPM SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE : <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED
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Pit 10' x 7' x 2'
water between liners

FIELD 418.1 CALCULATIONS

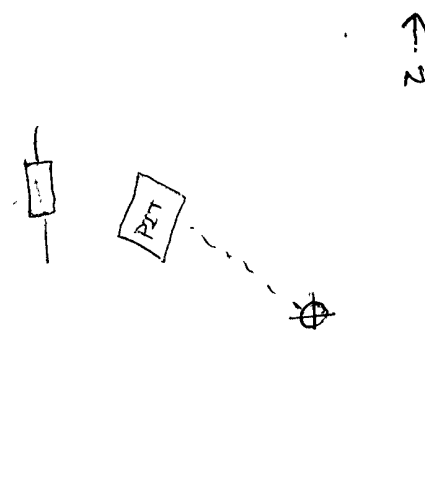
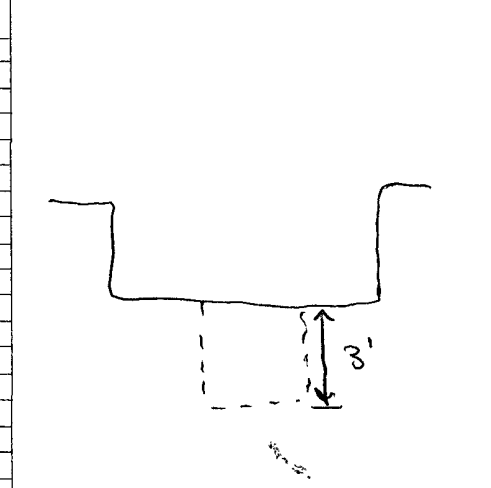
TIME	SAMPLE ID	LAB No:	WEIGHT (g)	mL FREON	DILUTION	READING	CALC ppm
	200 STD					199	
	IN PIT	2	S	20	4	639	2556
	3' BELOW	2	S	20	4	11	44

SCALE

 0 FT

PIT PERIMETER

OVM RESULTS

PIT PROFILE

	<table border="1" style="width:100%"> <thead> <tr> <th>SAMPLE ID</th><th>FIELD HEADSPACE PID (ppm)</th></tr> </thead> <tbody> <tr><td>1</td><td>2</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>5</td><td></td></tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1	2	2	2	3		4		5								
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TRAVEL NOTES. CALLOUT: _____	ONSITE: <u>14:15</u>
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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-170-019
Sample No.:	1	Date Reported:	9/19/2007
Sample ID:	Composite, Inside Lined Pit	Date Sampled:	8/29/2007
Sample Matrix:	Soil	Date Analyzed:	8/29/2007
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	2,560	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Rincon #59**

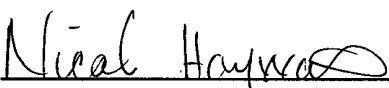
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Robin Kibler

Printed



Review

Nicole Hayworth

Printed

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 29-Aug-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	199
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.



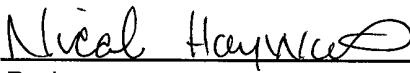
Analyst

9/19/07

Date

Robin Kibler

Printed



Review

09/19/07

Date

Nicole Hayworth

Printed

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Chevron Production	Project #:	92270-170-019
Sample No.:	2	Date Reported:	9/19/2007
Sample ID:	Discrete, 3' below Pit	Date Sampled:	9/13/2007
Sample Matrix:	Soil	Date Analyzed:	9/13/2007
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

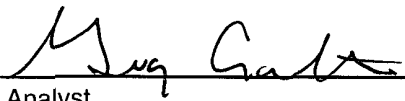
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	44	5.0

ND = Parameter not detected at the stated detection limit.

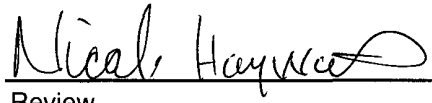
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Rincon #59**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Greg Crabtree
Printed


Review

Nicole Hayworth
Printed

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 13-Sep-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	179
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.



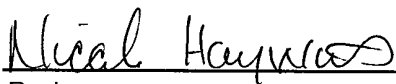
Analyst

9/19/07

Date

Greg Crabtree

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Review

09/19/07

Date

Nicole Hayworth

Printed

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-170-019
Sample ID:	Pit	Date Reported:	09-05-07
Laboratory Number:	42926	Date Sampled:	08-29-07
Chain of Custody:	3331	Date Received:	08-29-07
Sample Matrix:	Soil	Date Analyzed:	09-05-07
Preservative:	Cool	Date Extracted:	09-04-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	178	0.9
Toluene	715	1.0
Ethylbenzene	354	1.0
p,m-Xylene	3,870	1.2
o-Xylene	1,040	0.9
Total BTEX	6,160	

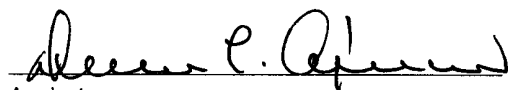
ND - Parameter not detected at the stated detection limit.

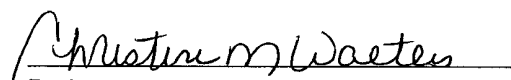
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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 59


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-05-BTEX QA/QC	Date Reported:	09-05-07
Laboratory Number:	42926	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-05-07
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	1.2183E+008	1.2208E+008	0.2%	ND	0.1
Toluene	1.0713E+008	1.0735E+008	0.2%	ND	0.1
Ethylbenzene	8.5735E+007	8.5906E+007	0.2%	ND	0.1
p,m-Xylene	1.6752E+008	1.6785E+008	0.2%	ND	0.1
o-Xylene	8.0738E+007	8.0899E+007	0.2%	ND	0.1

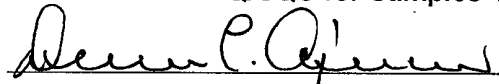
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	178	177	0.6%	0 - 30%	0.9
Toluene	715	714	0.1%	0 - 30%	1.0
Ethylbenzene	354	353	0.3%	0 - 30%	1.0
p,m-Xylene	3,870	3,860	0.3%	0 - 30%	1.2
o-Xylene	1,040	1,030	1.0%	0 - 30%	0.9

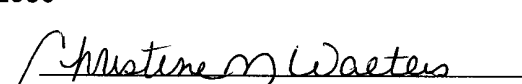
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	178	50.0	227	99.7%	39 - 150
Toluene	715	50.0	763	99.8%	46 - 148
Ethylbenzene	354	50.0	403	99.8%	32 - 160
p,m-Xylene	3,870	100	3,960	99.7%	46 - 148
o-Xylene	1,040	50.0	1,090	100.0%	46 - 148

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 42926, 42928 - 42936


Analyst


Review

CHAIN OF CUSTODY RECORD

3331

Client: <i>Chevron</i>			Project Name / Location: <i>Lincon 59</i>			ANALYSIS / PARAMETERS														
Client Address:			Sampler Name: <i>R Kibler</i>			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
Client Phone No.:			Client No.: <i>92270-170-019</i>																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative														
						HCl ₂	HNO ₃													
<i>PIT</i>	<i>8-29</i>		<i>42926</i>	<i>soil</i>					<i>X</i>											
Relinquished by: (Signature) <i>[Signature]</i>					Date	Time	Received by: (Signature) <i>[Signature]</i>					Date	Time							
					<i>8-29-07</i>	<i>4:58</i>						<i>8/29/07</i>	<i>1658</i>							
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