

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: Chevron Production Co. Telephone: (505) 334-7117 e-mail address: MArcher@chevron.com
Address: 322 County Road 3100, Aztec, NM 87410
Facility or well name: Rincon #220 API #: 30-039-21392 U/L or Qtr/Qtr O Sec 28 T 27 N R 7W
County: Rio Arriba Latitude 36.540034 Longitude -107.57788 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐ **RCVD OCT 3 '07**

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 type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <input type="checkbox"/> Clay <input type="checkbox"/> Pit Volume <u>50</u> bbl	Below-grade tank Volume: <u> </u> bbl Type of fluid: <u> </u> Construction material: <u> </u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: <u> </u>	OIL CONS. DIV. DIST. 3
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 6 feet below ground surface.

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.

Approval: Deputy Oil & Gas Inspector, District #3 Signature Deputy Oil & Gas Inspector, District #3 Date: OCT 11 2007

CLIENT: <u>CHEVRON</u>	ENVIROTECH INC. ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615	LOCATION NO: _____
30-039-21392		C.D.C. NO: _____

FIELD REPORT: CLOSURE VERIFICATION	PAGE No: _____ of _____
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LOCATION: NAME: <u>RINCON</u> WELL #: <u>220</u> PIT.	DATE STARTED: <u>08/30/07</u>
QUAD/UNIT: <u>0</u> SEC: <u>28</u> TWP: <u>27</u> RNG: <u>7</u> PM: <u>NM</u> CNTY: <u>RA ST NM</u>	DATE FINISHED: <u>08/30/07</u>
QTR/FOOTAGE: <u>1190' E SL 1800' E L</u> CONTRACTOR: _____	ENVIRONMENTAL SPECIALIST: <u>RLK/ENH</u>

EXCAVATION APPROX. _____ FT. x _____ FT. x _____ FT. DEEP. CUBIC YARDAGE: _____
DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____
LAND USE: <u>RANGE</u> LEASE: <u>SF 080213</u> FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>19</u> FT. <u>240°</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u>
NMDCD RANKING SCORE: <u>0</u> NMDCD TPH CLOSURE STD: <u>5000</u> PPM

SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE:
<u>Rock REFUSAL @ 1' DEEP</u>	<input checked="" type="checkbox"/> PIT ABANDONED
<u>Pit 15' x 18 x 5</u>	<input type="checkbox"/> STEEL TANK INSTALLED

SCALE

0 FT

FIELD 418.1 CALCULATIONS							
TIME	SAMPLE I.D.	LAB No	WEIGHT (g)	mL FREON	DILUTION	READING	CALC ppm
	<u>200 STD</u>					<u>195</u>	
	<u>1 Below PIT</u>	<u>1</u>	<u>5</u>	<u>20</u>	<u>4</u>	<u>736</u>	<u>2940</u>

PIT PERIMETER

OVM RESULTS

PIT PROFILE

	<table border="1"> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> <tr> <td>1</td> <td><u>1</u></td> </tr> <tr> <td>2</td> <td><u>699</u></td> </tr> <tr> <td>3</td> <td></td> </tr> <tr> <td>4</td> <td></td> </tr> <tr> <td>5</td> <td></td> </tr> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1	<u>1</u>	2	<u>699</u>	3		4		5			
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TRAVEL NOTES.	CALLOUT: _____	ONSITE: <u>10:00 - 10:30</u>
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**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Chevron Production	Project #:	92270-169-010
Sample No.:	1	Date Reported:	9/4/2007
Sample ID:	Discrete, 6' BGS	Date Sampled:	8/30/2007
Sample Matrix:	Soil	Date Analyzed:	8/30/2007
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

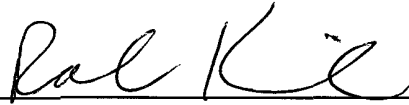
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	2,940	5.0

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 # 220**

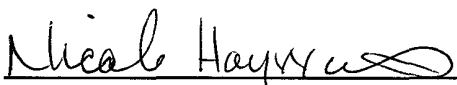
Instrument callibrated to 200 ppm standard. Zeroed before each sample



Analyst

Robin Kibler

Printed



Review

Nicole Hayworth

Printed

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 30-Aug-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	195
	200	
	500	
	1000	

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



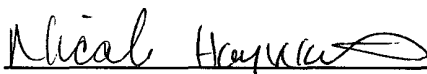
Analyst

9-5-07

Date

Robin Kibler

Printed



Review

09/05/07

Date

Nicole Hayworth

Printed

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-169-010
Sample ID:	3' BGS	Date Reported:	09-06-07
Laboratory Number:	42939	Date Sampled:	08-30-07
Chain of Custody:	3340	Date Received:	08-30-07
Sample Matrix:	Soil	Date Analyzed:	09-06-07
Preservative:	Cool	Date Extracted:	09-05-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	182	0.9
Toluene	2,500	1.0
Ethylbenzene	1,210	1.0
p,m-Xylene	8,640	1.2
o-Xylene	983	0.9
Total BTEX	13,520	

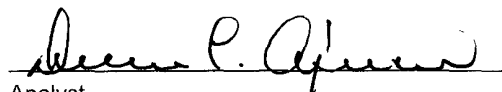
ND - Parameter not detected at the stated detection limit.

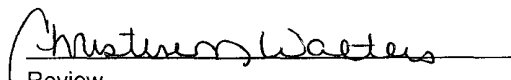
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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: Rincon #220


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-06-BTEX QA/QC	Date Reported:	09-06-07
Laboratory Number:	42939	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-06-07
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	1.2430E+008	1.2455E+008	0.2%	ND	0.1
Toluene	1.0433E+008	1.0454E+008	0.2%	ND	0.1
Ethylbenzene	7.7227E+007	7.7382E+007	0.2%	ND	0.1
p,m-Xylene	1.4488E+008	1.4517E+008	0.2%	ND	0.1
o-Xylene	6.9414E+007	6.9553E+007	0.2%	ND	0.1

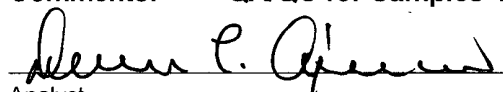
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	182	181	0.5%	0 - 30%	0.9
Toluene	2,500	2,490	0.4%	0 - 30%	1.0
Ethylbenzene	1,210	1,200	0.8%	0 - 30%	1.0
p,m-Xylene	8,640	8,630	0.1%	0 - 30%	1.2
o-Xylene	983	982	0.1%	0 - 30%	0.9

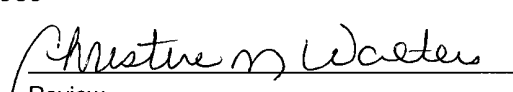
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	182	50.0	231	99.7%	39 - 150
Toluene	2,500	50.0	2,540	99.6%	46 - 148
Ethylbenzene	1,210	50.0	1,260	100.0%	32 - 160
p,m-Xylene	8,640	100	8,720	99.8%	46 - 148
o-Xylene	983	50.0	1,030	99.7%	46 - 148

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 42939, 42951 - 42959


 Analyst


 Review

CHAIN OF CUSTODY RECORD

3340

Client: CHEVRON			Project Name / Location: RINCON #220				ANALYSIS / PARAMETERS															
Client Address:			Sampler Name: 92270-169-0106				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.: N. HAYWORTH																			
Sample No / Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HqCl ₂ HNO ₃																
3 BGS	08/30		42939	SOIL	2				✓											✓	✓	
Relinquished by: (Signature) <i>N. Hayworth</i>					Date 8/30/07		Time 1740		Received by: (Signature) <i>Bluh Vailh</i>					Date 8/30/07		Time 1740						
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