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 For drilling and production facilities, submit to appropriate NMOCD District Office.

For downstream facilities, submit to Santa Fe office

Form C-144

June 1, 2004

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 pr	or below-grade tank  Closure of a pit or below-	grade tank 🔼
Operator: Chevron Production Co. Telepl	none: (505) 334-7117 e-mail addre	ess: MArcher@chevron.com
Address: 322 County Road 3100, Aztec, NM 87410		
· · · · · · · · · · · · · · · · · · ·	-06972 U/L or Qtr/Qtr K	Sec <u>20 T 27 N</u> R 6W
·		
Surface Owner. Federal  State  Private  Indian		<del></del>
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 2 Layers of 6mil plastic with thin		,
fiberglass layer between Clay		
Pit Volume 9 bbl		
	Less than 50 feet	(20 points)
Depth to ground water (vertical distance from bottom of pit to seasonal	50 feet or more, but less than 100 feet	(10 points)
high water elevation of ground water.)	100 feet or more	( 0 points) 0
	100 lect of more	( o points)
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)
water source, or less than 1000 feet from all other water sources.)	No	( 0 points) 0
	Less than 200 feet	(20 points)
Distance to surface water: (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(10 points)
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	( 0 points) 20
	Ranking Score (Total Points)	20
If this is a pit closure: (1) Attach a diagram of the facility showing the piyour are burying in place) onsite ☐ offsite ☐ If offsite, name of facility date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth be (5) Attach soil sample results and a diagram of sample locations and excapable and the content of th	(3) Attach a general description of remedial actions ground surfaceft. and attach sarrations.	ction taken including remediation start date and end
Additional Comments:  Soil passed TPH standard of 100 ppm using USEPA Method 418.1 and to		44.80
Soil passed 1PH standard of 100 ppm using USEPA Method 418.1 and t	he 100ppm OVM standard inside the pit and 3 feet b	pelow lowest layer of lines, 40111273
		(4) (5)
		MECEIVED OF MICONS DIV. DIST.3 A
	·	
I hereby certify that the information above is true and complete to the be has been/will be constructed or closed according to NMOCD guideli  Date: 10-0-07	st of my knowledge and belief. I further certify the nes 🗷, a general permit 🗌, or an (attached) alte	at the above-described pit or below-grade tank rnative OCD-approved plan
Date: 10-10-07	111-601	25 X
Printed Name/Title Mr. Michael W Archer - HES Specialist	Signature Signature	1. Moh
Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve regulations.		
Approval  EPLITY OIL & GAS INSPECTOR, DIST. Signature  Printed Name/Title  Signature	OCT 2 9	2007

CLIENT: Chevron	Envirotech Inc.	LOCATION NO:
Goods	ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 67401	C. []. C. N[]:
92270-170-036	PHONE (505) 632-0615	
FIELD REPOR	CT: CLOSURE VERIFICATION	PAGE No: of
LOCATION: NAME. K: 4	CON WELL #.   PIT.	DATE STARTED. 09/04/07 DATE FINISHED. 69/05/07
QUAD/UNIT K SEC	20 TWP: 27N RNG: 6W PM: NM CNTY: RA ST &	1
QTR/FOOTAGE: 17-90'S	1400'W CONTRACTOR.	ENVIRONMENTAL & Ciblant
EXCAVATION APPROX	FT. x FT. x FT. DEEP CUBI	C YARDAGE:
DISPOSAL FACILITY:	REMEDIATION METH	OD:
	LEASE: 57079366 FO	
	KS: PIT LOCATED APPROXIMATELY PT.	
	2 NEAREST WATER SOURCE: 2 1000 NEAREST SURFA	
	NMOCD TPH CLOSURE STD: 100 PPM	CHECK DNE
SDIL AND EXCAVATIO	N DESCRIPTION:	PIT ABANDONED
1	2 × 2	STEEL TANK INSTALLED
I		
	water in liner	
MAYPMILM	extent (sands/one) was 6" below (	liner
JHWX/HOOL!	(June 10. C)	
¥	FIELD 418.1 CALCULATIONS	
	TIME SAMPLE ID LAB NO WEIGHT (g) mL FREON [	DILUTION READING CALC ppm
SCALE	200 Standard	226
		1 9 3/0
0 FT	OVM	
PIT PERIMI	RESULTS PIL	PROFILE
	SAMPLE FIELD HEADSPACE PID (ppm)	
	2 3'below 006	
•	3 4	
	5	in the state of th
	LAB SAMPLES	
	SAMPLE ANALYSIS TIME	
TRAVEL NOTES: CALLOUT:	ONSITE	

30-039-06972



#### EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

**Chevron Production** 

Project #:

92270-170-036

Sample No.:

1

Date Reported:

9/19/2007

Sample ID:

Composite, Inside Lined Pit

Date Sampled:

9/4/2007

Sample Matrix:

Soil

Date Analyzed:

9/4/2007

Preservative:

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

**Total Petroleum Hydrocarbons** 

40

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 # 114** 

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Review

Robin Kibler

Printed

Nicole Hayworth

Printed



# CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Cal		_	1
1 2		בו ו	тω:
\ <i>10</i> 1	_	חו	15

Printed

4-Sep-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L	
ТРН	100		
	200	226	
	500		
	1000		

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

folk	9/20/07
Analyst	Date '
Robin Kibler Printed	
Mirale Hayricas	09/20/07
Review	Date
Nicole Hayworth	



#### **EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS**

Client:

Chevron Production

92270-170-036

Sample No.:

2

Date Reported:

Sample ID:

Discrete, 3' below Pit

9/19/2007

Sample Matrix:

Soil

9/5/2007

Preservative:

Cool

Date Analyzed:

Project #:

Date Sampled:

Analysis Needed:

9/5/2007 TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

**Total Petroleum Hydrocarbons** 

36

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 #114

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

David M. Young

Printed

Nicole Hayworth

Printed



# CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

_	
$\sim$	Date:
1	1 1211

Printed

5-Sep-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L	
ТРН	100		
	200	226	
•	500		
	1000		

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

Ato	9125/07
Analyst	Date
David M. Young Printed	
Mical Haywar	09/20/09
Review	Date
Nicole Hayworth	