

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 #4 API #: 30-039-06776 U/L or Qtr/Qtr I Sec 31 T. 27N R 6W
County: Rio Arriba Latitude 36.526649 Longitude -107.5033 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☐ Thickness 2 Layers of 6mil plastic with thin fiberglass layer between Clay ☐

Pit Volume 6 bbl

Below-grade tank

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

(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)

20

Ranking Score (Total Points)

20

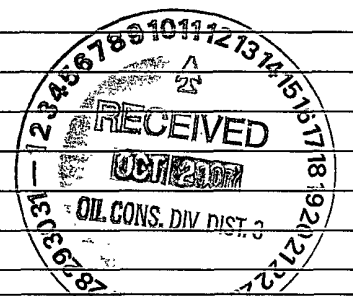
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility Envirotech's Landfarm #2. (3) Attach a general 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 100 ppm using USEPA Method 418.1 and the 100ppm OVM standard 3 feet below lowest layer of liner.

Soil from inside the liner did not pass the TPH standard of 100 ppm and was therefore removed.



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

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. #

Printed Name/Title

Signature

Date:

OCT 29 2007

11/15-11/15

CLIENT: <u>Chevron</u> 92270-170-040	ENVIROTECH INC. <small>ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615</small>	LOCATION NO: _____ C.O.C. NO: _____																																																																																								
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: _____ of _____																																																																																								
LOCATION: NAME: <u>Rincon</u> WELL #: <u>4</u> PIT: _____ QUAD/UNIT: <u>I</u> SEC: <u>31</u> TWP: <u>27N</u> RNG: <u>6W</u> PM: <u>NM</u> CNTY: <u>RA ST NM</u> QTR/FOOTAGE: <u>1529' FSL 1019' FEL</u> CONTRACTOR: _____		DATE STARTED: <u>9-19-07</u> DATE FINISHED: <u>9-26-07</u> ENVIRONMENTAL SPECIALIST: <u>dmj/etk</u>																																																																																								
EXCAVATION APPROX _____ FT. x _____ FT. x _____ FT. DEEP. CUBIC YARDAGE: _____ DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____ LAND USE: <u>GRAZING</u> LEASE: <u>079364</u> FORMATION: _____																																																																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>60'</u> FT. <u>260°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>80'</u> NMOC RANKING SCORE: <u>20</u> NMOC TPH CLOSURE STD: <u>100</u> PPM SOIL AND EXCAVATION DESCRIPTION: _____ <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> CHECK ONE : <input type="checkbox"/> PIT ABANDONED <input checked="" type="checkbox"/> STEEL TANK INSTALLED </div> <p><i>lined pit. water beneath liner has sheen of free product</i></p>																																																																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> SCALE 0 FT </div> <div style="width: 60%; text-align: center;"> <p>9/19 2005 RD = 203 FIELD 418.1 CALCULATIONS 9/26 2005 RD = 225</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>TIME</th> <th>SAMPLE ID</th> <th>LAB No</th> <th>WEIGHT (g)</th> <th>mL. FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC ppm</th> </tr> </thead> <tbody> <tr> <td>11:30</td> <td>Pit comp</td> <td>1</td> <td>5.0</td> <td>20.0</td> <td>4</td> <td>103</td> <td>412</td> </tr> <tr> <td>12:40</td> <td>3' below</td> <td>2</td> <td>5.0</td> <td>20.0</td> <td>1:4</td> <td>24</td> <td>96</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> <div style="width: 20%; text-align: center;"> OVM RESULTS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr><td>1 P. comp</td><td>2.7</td></tr> <tr><td>2 07/26</td><td>28.3</td></tr> <tr><td>3</td><td> </td></tr> <tr><td>4</td><td> </td></tr> <tr><td>5</td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;"> PIT PERIMETER </div> <div style="width: 30%; text-align: center;"> LAB SAMPLES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> <div style="width: 30%;"> PIT PROFILE </div> </div>			TIME	SAMPLE ID	LAB No	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC ppm	11:30	Pit comp	1	5.0	20.0	4	103	412	12:40	3' below	2	5.0	20.0	1:4	24	96																									SAMPLE ID	FIELD HEADSPACE PID (ppm)	1 P. comp	2.7	2 07/26	28.3	3		4		5												SAMPLE ID	ANALYSIS	TIME															
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TRAVEL NOTES. CALLOUT: _____ ONSITE: _____																																																																																										

30-039-010771n

36.526649

107.5033

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-170-040
Sample No.:	1	Date Reported:	10/1/2007
Sample ID:	Composite, Inside Lined Pit	Date Sampled:	9/19/2007
Sample Matrix:	Soil	Date Analyzed:	9/19/2007
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

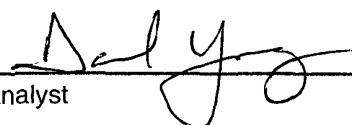
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	412	5.0

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 #4**

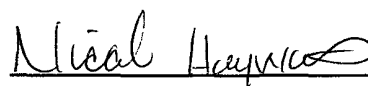
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

David Young

Printed



Review

Nicole Hayworth

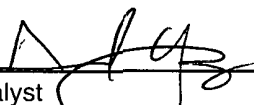
Printed

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 19-Sep-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	203
	500	
	1000	

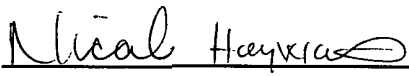
The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.



Analyst

David Young

Printed



Review

Nicole Hayworth

Printed

10-2-07

Date

10/02/07

Date

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-170-040
Sample No.:	2	Date Reported:	10/1/2007
Sample ID:	Discrete, 3' below Pit	Date Sampled:	9/26/2007
Sample Matrix:	Soil	Date Analyzed:	9/26/2007
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	96	5.0
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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 #4**

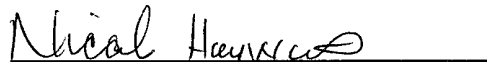
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Robert König

Printed



Review

Nicole Hayworth

Printed

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 26-Sep-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	225
	200	
	500	
	1000	

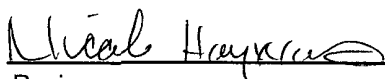
The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.



Analyst

Robert Konig

Printed



Review

Nicole Hayworth

Printed

10/02/07
Date

10/02/07
Date

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

MANIFEST # 28629
DATE 9-26-07 JOB # 92270-170-040

NAME Jim Brittain COMPANY Rakies Const SIGNATURE Jim Brittain
COMPANY CONTACT Mike Deyer PHONE 505 320 3549 DATE 9-26-7
san juan reproduction 578-126