

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

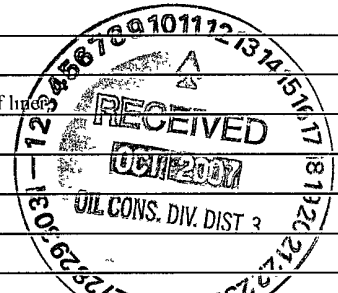
Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

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 #104</u> API #: <u>30-039-07063</u> U/L or Qtr/Qtr <u>E</u> Sec <u>16</u> T <u>27N</u> R <u>6W</u> | | |
| County: <u>Rio Arriba</u> Latitude <u>36.576846</u> Longitude <u>-107.47838</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/> | | |
| Surface Owner: Federal <input checked="" type="checkbox"/> State <input checked="" 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 type="checkbox"/> Thickness <u>2</u> Layers of <u>6mil plastic with thin fiberglass layer between</u> Clay <input type="checkbox"/> Pit Volume <u>5</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) 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 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

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: _____ |
| 92270-170-033 | STATE _____ | C.O.C. NO: _____ |

| | |
|------------------------------------|-------------------------|
| FIELD REPORT: CLOSURE VERIFICATION | PAGE No: _____ of _____ |
|------------------------------------|-------------------------|

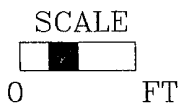
| | |
|---|---|
| LOCATION: NAME: <u>Rincon</u> WELL #: <u>104</u> PIT. QUAD/UNIT: <u>E</u> SEC: <u>16</u> TWP: <u>27N</u> RNG: <u>6W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1650'N</u> <u>840'W</u> CONTRACTOR: _____ | DATE STARTED <u>9-10-07</u> DATE FINISHED <u>9-10-07</u> ENVIRONMENTAL SPECIALIST: <u>RLK/DHY</u> |
|---|---|

| |
|--|
| EXCAVATION APPROX _____ FT. x _____ FT. x _____ FT. DEEP. CUBIC YARDAGE: _____ |
| DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____ |
| LAND USE: <u>RANGE</u> LEASE: <u>E-290-28</u> FORMATION: _____ |

| | |
|------------------------|--|
| FIELD NOTES & REMARKS: | PIT LOCATED APPROXIMATELY <u>80</u> FT. <u>200°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>2100</u> NEAREST WATER SOURCE: <u>21000</u> NEAREST SURFACE WATER: <u>85'</u> NMOC D RANKING SCORE: <u>20</u> NMOC D TPH CLOSURE STD: <u>100</u> PPM SOIL AND EXCAVATION DESCRIPTION: |
|------------------------|--|

| |
|--|
| CHECK ONE: |
| <input type="checkbox"/> PIT ABANDONED |
| <input checked="" type="checkbox"/> STEEL TANK INSTALLED |

10 X 5 X 2



| FIELD 418.1 CALCULATIONS | | | | | | | |
|--------------------------|---------------------|----------|------------|-----------|----------|-------------|-------------|
| TIME | SAMPLE I.D. | LAB No | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC ppm |
| | <u>200 Standard</u> | | | | | <u>195</u> | |
| | <u>Pit</u> | <u>1</u> | <u>5</u> | <u>20</u> | <u>4</u> | <u>2468</u> | <u>9872</u> |
| | <u>3'</u> | <u>2</u> | <u>5</u> | <u>20</u> | <u>4</u> | <u>14</u> | <u>56</u> |

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><u>1141</u></td></tr> <tr><td>2</td><td><u>18.8</u></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> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> </tbody> </table> | SAMPLE ID | FIELD HEADSPACE PID (ppm) | 1 | <u>1141</u> | 2 | <u>18.8</u> | 3 | | 4 | | 5 | | | | | | | | | | | | | | | | | | |
|-------------|--|-----------|---------------------------|---|-------------|---|-------------|---|--|---|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE ID | FIELD HEADSPACE PID (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | <u>1141</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | <u>18.8</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| LAB SAMPLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLE ID | ANALYSIS | TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|------------------------------------|----------------|---------------|
| TRAVEL NOTES. | CALLOUT: _____ | ONSITE. _____ |
| <u>36.576846</u> <u>-107.47838</u> | | |

30-039-07063 13:45-14:15

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

| | | | |
|----------------|-----------------------------|------------------|---------------|
| Client: | Chevron Production | Project #: | 92270-170-033 |
| Sample No.: | 1 | Date Reported: | 10/1/2007 |
| Sample ID: | Composite, Inside Lined Pit | Date Sampled: | 9/10/2007 |
| Sample Matrix: | Soil | Date Analyzed: | 9/10/2007 |
| Preservative: | Cool | Analysis Needed: | TPH-418.1 |
| Condition: | Cool and Intact | | |

| Parameter | Concentration (mg/kg) | Det. Limit (mg/kg) |
|------------------------------|--------------------------|--------------------------|
| Total Petroleum Hydrocarbons | 9,870 | 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 #104**

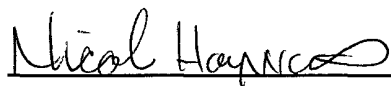
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Robin Kibler

Printed



Review

Nicole Hayworth

Printed

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

| | | | |
|----------------|------------------------|------------------|---------------|
| Client: | Chevron Production | Project #: | 92270-170-033 |
| Sample No.: | 2 | Date Reported: | 10/1/2007 |
| Sample ID: | Discrete, 3' below Pit | Date Sampled: | 9/10/2007 |
| Sample Matrix: | Soil | Date Analyzed: | 9/10/2007 |
| Preservative: | Cool | Analysis Needed: | TPH-418.1 |
| Condition: | Cool and Intact | | |


| Parameter | Concentration (mg/kg) | Det. Limit (mg/kg) |
|------------------------------|--------------------------|--------------------------|
| Total Petroleum Hydrocarbons | 56 | 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 #104**

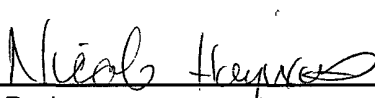
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Robin Kibler

Printed



Review

Nicole Hayworth

Printed

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 10-Sep-07

| Parameter | Standard Concentration mg/L | Concentration Reading mg/L |
|-----------|-----------------------------------|----------------------------------|
| TPH | 100 | 196 |
| | 200 | |
| | 500 | |
| | 1000 | |

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



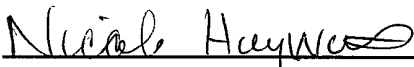
Analyst

10-1-07

Date

Robin Kibler

Printed



Review

10/01/07

Date

Nicole Hayworth

Printed

