

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 #77 API #: 30-039-06791 U/L or Qtr/Qtr P Sec 34 T 27 N R 7W  
County: Rio Arriba Latitude 36.524602 Longitude -107.55728 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

<b>Pit</b> 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>7</u> bbl	<b>Below-grade tank</b> 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 (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) 10
<b>Ranking Score (Total Points)</b> 10	

**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 1000 ppm using USEPA Method 418.1 and the 100 ppm standard for organic vapors inside the 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.

Approval:

DEPUTY OIL & GAS INSPECTOR, DIST. 4

Signature B. L. L.

Date: OCT 29 2007



EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-170-051
Sample No.:	1	Date Reported:	9/20/2007
Sample ID:	Composite, Inside Lined Pit	Date Sampled:	9/14/2007
Sample Matrix:	Soil	Date Analyzed:	9/14/2007
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	132	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 # 77**

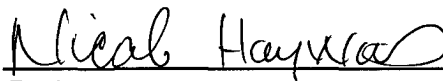
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Robin Kibler

Printed



Review

Nicole Hayworth

Printed

EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-170-051
Sample No.:	2	Date Reported:	9/20/2007
Sample ID:	Discrete, 3' below Pit	Date Sampled:	9/14/2007
Sample Matrix:	Soil	Date Analyzed:	9/14/2007
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	ND	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 #77**

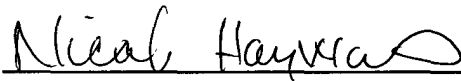
Instrument calibrated to 200 ppm standard. Zeroed before each sample



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CONTINUOUS CALIBRATION  
EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Cal. Date: 14-Sep-07

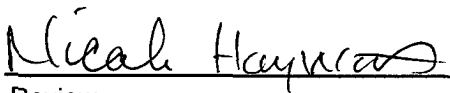
Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	204
	200	
	500	
	1000	

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

  
\_\_\_\_\_  
Analyst

9/20/07  
\_\_\_\_\_  
Date

Robin Kibler  
\_\_\_\_\_  
Printed

  
\_\_\_\_\_  
Review

09/20/07  
\_\_\_\_\_  
Date

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