

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>Burlington Resources</u> Telephone: <u>(505) 326-9841</u> e-mail address: <u>LHasely@br-inc.com</u>		
Address: <u>3401 East 30th Street, Farmington, New Mexico, 87402</u>		
Facility or well name: <u>Culpepper Martin # 103</u>	API #: <u>30045273700000</u>	U/L or Qtr/Qtr <u>K</u> Sec <u>28</u> T <u>32N</u> R <u>12W</u>
County: <u>San Juan</u>	Latitude <u>36.95359</u>	Longitude <u>-108.10342</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: <u>40</u> bbl Type of fluid: <u>Produced Water and Incidental Oil</u> Construction material: <u>Fiberglass</u> Double-walled, with leak detection? Yes <input checked="" 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
Ranking Score (Total Points)		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:

The soils tested clean and no soil remediation was required

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: 5/5/05

Printed Name/Title Mr. Ed Hasely, Environmental Advisor

Signature [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.

Approval:

Printed Name/Title _____

Signature [Signature]

Date: _____

ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5706 U.S. HIGHWAY 84-0014
FARMINGTON, NEW MEXICO 87401
PHONE (505) 622-0013

FIELD REPORT CLOSURE VERIFICATION

LOCATION: NAME Culpepper Martin WELL #: 103 PIT 102
QUAD/UNIT: K SEC: 28 TWP: 32N RNG: 12W PM: NMM CNTY: SJ ST: NM
CTR/FOOTAGE: _____ CONTRACTOR: LJR ENVIRONMENTAL SPECIALIST: MPM

EXCAVATION APPROX 11 FT x 8 FT x 10 FT DEEP CUBIC YARDAGE: 0
DISPOSAL FACILITY: N/A REMEDIATION METHOD: _____
LAND USE: _____ LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 80' FT. 285' FROM WELLHEAD.
DEPTH TO GROUNDWATER: 0 NEAREST WATER SOURCE: 0 NEAREST SURFACE WATER: 10
NMOCB RANKING SCORE: 10 NMOCB TPH CLOSURE STD: 1000 PPM
SOIL AND EXCAVATION DESCRIPTION: _____
CHECK ONE:
☒ PIT ABANDONED
☐ STEEL TANK INSTALLED

No visible signs or odors of contamination. No secondary liner or leak detection present. No soil removed from site.

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1035	3' Below	1	5	20	1	0.0012	8.3 ppm

SCALE



PIT PERIMETER

OVM RESULTS

PIT PROFILE

Diagram of Pit Perimeter showing Pit, Soil, Tank, Delay, and Compressor.

Diagram of Pit Profile showing 10' and 3' depths, and a removed BG tank.

SAMPLE ID	ANALYSIS	TIME
1	3' Below	0 ppm
2		
3		
4		
5		

TRAVEL NOTES:

CALL OUT:

NOTES:

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

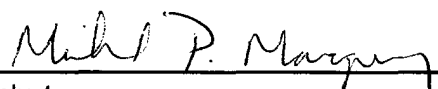
Client:	Burlington Resources	Project #:	92115-021-055
Sample No.:	1	Date Reported:	4/21/2005
Sample ID:	Discrete, 3' Below BG Tank	Date Sampled:	4/19/2005
Sample Matrix:	Soil	Date Analyzed:	4/19/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

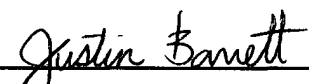
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	8.3	5.0

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: Culpepper Martin # 103


Analyst


Review