

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: Burlington Resources Telephone: (505) 326-9841 e-mail address: LHasely@br-inc.com
Address: 3401 East 30th Street, Farmington, New Mexico 87402
Facility or well name: Huerfano Unit Well No. 275 API #: 30045238460000 U/L or Qtr/Qtr P Sec 36
County: San Juan Latitude 36.52699 Longitude -107.9489 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank
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	Volume: <u>60</u> bbl Type of fluid: <u>Produced Water and Incidental Oil</u> Construction material: <u>Fiberglass</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u>No. Tank in place prior to Rule 50.</u>
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 Envirotech LF 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:

Excavation details attached. Hit sandstone at 15 feet.

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: 3/3/05
Printed Name/Title Ed Hasely / Env. Advisor Signature Ed Hasely
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. #3 Signature Denny Feist Date: MAR - 9 2005
Printed Name/Title _____

CLIENT: <u>Burlington Resources</u>	ENVIROTECH INC. <small>ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615</small>	LOCATION NO: <u>275</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>Huertano Unit</u>	WELL #: <u>275</u>	PIT: <u>fiberglass</u>	DATE STARTED: <u>10/5/01</u>
QUAD/UNIT: _____	SEC: <u>36</u>	TWP: <u>27N</u>	RNG: <u>11W</u>
PM: _____		CNTY: <u>SJ</u> ST: <u>NM</u>	
QTR/FOOTAGE: _____		CONTRACTOR: _____	
		ENVIRONMENTAL SPECIALIST: <u>MPM</u>	

EXCAVATION APPROX. <u>25</u> FT. x <u>25</u> FT. x <u>15</u> FT. DEEP.	CUBIC YARDAGE: <u>424</u>
DISPOSAL FACILITY: <u>Envirotech Landfarm 2</u> REMEDIATION METHOD: _____	
LAND USE: _____ LEASE: _____ FORMATION: _____	

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>127</u> FT. <u>90°</u> FROM WELLHEAD.		
DEPTH TO GROUNDWATER: <u>0</u>	NEAREST WATER SOURCE: <u>0</u>	NEAREST SURFACE WATER: <u>200ft⁺, less than 1000ft⁺</u>	
NMOC D RANKING SCORE: <u>10</u>	NMOC D TPH CLOSURE STD: <u>1000</u> PPM		

SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE : <input type="checkbox"/> PIT ABANDONED <input checked="" type="checkbox"/> STEEL TANK INSTALLED
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- Soil excavated to approx 15ft. At that point reached sandstone. TPH reading of 5000 ppm + is a better idea of contaminants. Excavator completed at 1650 hrs.
- First 4pt. wall composite taken when lateral dimensions of excavation at 20' x 20'.
- Second 4 pt. wall composite taken when lateral dimensions at 25' x 25'.

SCALE 0 FT

Maximum Extent →

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1205	H275a	1	5	20	1		Over 5000 ppm
1305	H275b 4pt	2	5	20	1	0.94	4617.28
1640	H275c 4pt	3	5	20	1	0.087	427.344

PIT PERIMETER

OVM RESULTS

PIT PROFILE

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 H275a1	Over 2000
2 H275a2	
3 H275a3	848
4 H275a4	1482
5 H275a5	30 ppm
H275a6	18 ppm

SAMPLE ID	ANALYSIS	TIME

X = 4 pt taken at 25x25

Δ = 4 pt comp 20x20
O = indicates 8021B taken

TRAVEL NOTES:	CALLOUT: _____	ONSITE: _____
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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS


Client:	Burlington Resources	Project #:	92115-021-013
Sample No.:	1	Date Reported:	1/21/2005
Sample ID:	H275 @ maximum extent 15'	Date Sampled:	1/19/2005
Sample Matrix:	Soil	Date Analyzed:	1/19/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	> 5000	5.0

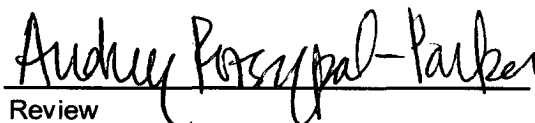
ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Huerfano Unit Well No. 275



Analyst



Review

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-021-013
Sample No.:	2	Date Reported:	1/21/2005
Sample ID:	H275 4 Point Wall Composite	Date Sampled:	1/19/2005
Sample Matrix:	Soil	Date Analyzed:	1/19/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

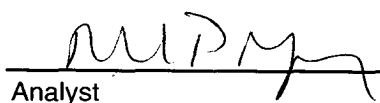
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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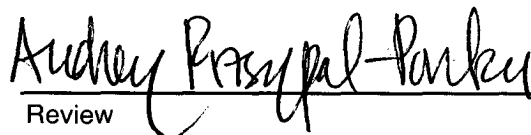
Total Petroleum Hydrocarbons	4,620	5.0
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ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Huerfano Unit Well No. 275**


Analyst


Review

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-021-013
Sample No.:	3	Date Reported:	1/21/2005
Sample ID:	H275 Second 4 Point Wall Comp.	Date Sampled:	1/19/2005
Sample Matrix:	Soil	Date Analyzed:	1/19/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

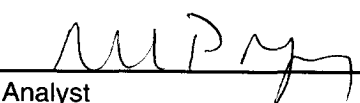
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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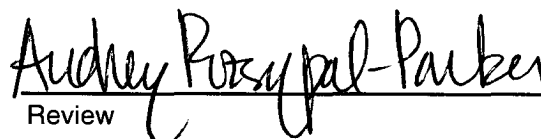
Total Petroleum Hydrocarbons	427	5.0
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ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Huerfano Unit Well No. 275


Analyst


Review