

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>Klein No. 14</u>	API #: <u>30039202550000</u> U/L or Qtr/Qtr <u>O</u> Sec <u>35</u> T <u>26N</u> R <u>6W</u>
County: <u>Rio Arriba</u>	Latitude <u>36.43925</u> Longitude <u>-107.43403</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input 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 Klein No. 27M. (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:
800 cubic yards landfarmed at Klein No. 27M

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 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:

Printed Name/Title _____

Signature Wendy Teet

Date: _____

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE (505) 832-0815

LOCATION: NAME	Klein	WELL #.	14	PIT		DATE STARTED	4/5/05
QUAD/UNIT	0 SEC 35 TWP 26N	RNG	06W	PM		DATE FINISHED	4/19/05
CNTY:	ARRIBA	ST	NM				
GTR/FOOTAGE		CONTRACTOR	LOR			ENVIRONMENTAL SPECIALIST	NPM

LAND USE: _____ LEASE: SF 079265 FORMATION: _____

NMOC Ranking Score: _____ NMOC TPH Closure Std: 1000 PPM

CHECK ONE
☐ PIT ABANDONED
☒ STEEL TANK INSTALLED

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1510	12' TD	1	5	20	1	0.26	1804
1525	12' TD	1	5	20	10	0.054	3748

[illegible]

Diluted

0 FT'

PIT PERIMETER

OVM RESULTS

PIT PROFILE

[illegible]

TRAVEL NOTES

A. 0.11

ONSET

ENVIRONMENTAL INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 84-3014
FARMINGTON, NEW MEXICO 87401
PHONE (505) 634-0615

FIELD REPORT: CLOSURE VERIFICATION Page 2 of 2

LOCATION: NAME. <u>Klein</u> <u>14</u>		WELL #:		PIT.		DATE STARTED: <u>4/5/05</u>	
QUAD/UNIT:		SEC:		TWP:		DATE FINISHED: <u>4/19/05</u>	
RNG:		PM:		CNTY:		ST:	
GTP/FOOTAGE:		CONTRACTOR: <u>M+M</u>		ENVIRONMENTAL SPECIALIST: <u>MPM</u>			

EXCAVATION APPROX 50 FT x 29 FT x 15 FT DEEP CUBIC YARDAGE: 800 yds
DISPOSAL FACILITY: Klein No. 27M REMEDIATION METHOD: _____
LAND USE: _____ LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY _____ FT. _____ FROM WELLHEAD.

DEPTH TO GROUNDWATER: 0 NEAREST WATER SOURCE: 0 NEAREST SURFACE WATER: 10

NMOC RANKING SCORE: 10 NMOC TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:	PIT ABANDONED
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CHECK ONE :
☐ PIT ABANDONED
☒ STEEL TANK INSTALLED

No visible remaining signs of contamination. Soil is being land farmed on Klein No. 27M

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1310	5 Pt Comp	1	5	20	1	0.0118	82 81.9

SCALE



0 FT

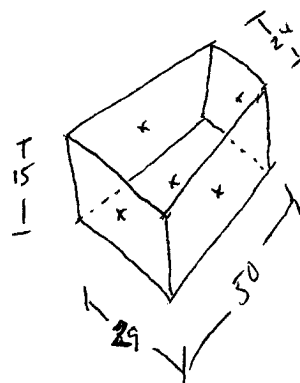
PIT PERIMETER

Talked w/ ET
on the need
for a separate
bottom sample.

OVM RESULTS

[illegible]

PIT PROFILE



$x =$ Sample Point

TRAIL

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

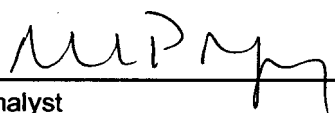
Client:	Burlington Resources	Project #:	92115-021-048
Sample No.:	1	Date Reported:	4/21/2005
Sample ID:	Discrete, 12' Total Depth	Date Sampled:	4/5/2005
Sample Matrix:	Soil	Date Analyzed:	4/5/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	3,750	50.0

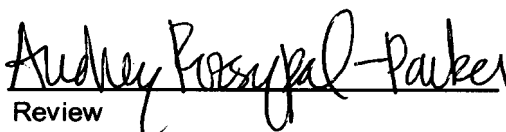
ND = Parameter not detected at the stated detection limit.

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

Comments: Klein # 14



Analyst



Review

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-021-048
Sample No.:	2	Date Reported:	4/21/2005
Sample ID:	5 Point Comp @ 15' depth	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	81.9	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: Klein # 14

Analyst



Review

