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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
February 16, 2007

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: Louis.E.Hasely@conocophillips.com
Address: 3401 East 30th Street, Farmington, New Mexico, 87402
Facility or well name: Huerfano Unit #112 API #: 3004505866 U/L or Qtr/Qtr F Sec 17 T 26N R 10W
County: San Juan Latitude 36.490909 Longitude -107.922851 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

RCVD APR19'07
OIL CONS. DIV.
DIST. 3

Pit
Type: Drilling ☐ Production ☑ Disposal ☐
Workover ☐ Emergency ☐
Lined ☐ Unlined ☐
Liner type: Synthetic ☐ Thickness ____mil Clay ☐
Pit Volume ____bbl

Below-grade tank
Volume: 60 bbl Type of fluid: Produced Water and Incidental Oil
Construction material: Fiberglass
Double-walled, with leak detection? Yes ☐ If not, explain why not.
No. Tank in place prior to Rule 50.

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)	 0
	Ranking Score (Total Points)		0

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: 3/30/07
Printed Name/Title Mr. Ed Hasely, Environmental Advisor 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:
DEPUTY OIL & GAS INSPECTOR, DIST. #3
Printed Name/Title _____ Signature _____ Date: APR 19 2007

FIELD REPORT CLOSURE VERIFICATION

LOCATION: NAME: HUERFANO WELL #: 112 PIT:
QUAD/UNIT: F SEC: 17 TWP: 26N RNG: 10W PM: NMPM CNTY: SJ ST: NM
QTR/FOOTAGE: 1650' FNL 1650 FWL CONTRACTOR: BAILEY'S

DATE STARTED: 02/26/09
DATE FINISHED: 02/26/09
ENVIRONMENTAL SPECIALIST: EMH

EXCAVATION APPROX — FT. x — FT. x — FT. DEEP. CUBIC YARDAGE: —
DISPOSAL FACILITY: — REMEDIATION METHOD: —
LAND USE: GRAZING LEASE: NMSF-078012 FORMATION: GL

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 101 FT. 60° FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

CHECK ONE:
___ PIT ABANDONED
X STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

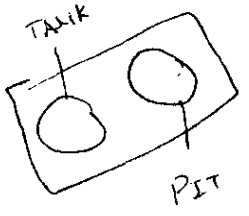
SOIL PASSED NO EXCAVATION NEEDED

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
	200 STD					1866	
	Discrete 3' Below BGT					1001	

SCALE
0 FT

PIT PERIMETER



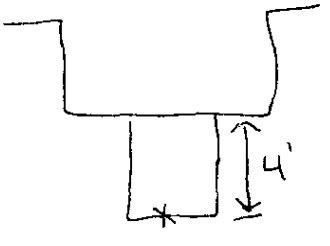
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 3' Below BGT	2689
2	
3	
4	
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



TRAVEL NOTES: CALLOUT: ONSITE:

54215

ENVIROTECH INC.
PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington	Project #:	92115-121-021
Sample No.:	1	Date Reported:	2/28/2007
Sample ID:	Discrete, 3' Below BG Tank	Date Sampled:	2/26/2007
Sample Matrix:	Soil	Date Analyzed:	2/26/2007
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**4,000**	**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 # 112**

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Nicole Hayman
Analyst

Greg Crabtree
Review

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 26-Feb-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	186
	500	
	1000	

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

Nicole Haywood
Analyst

03/02/07
Date

Review

3/2/07
Date

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Burlington	Project #:	92115-121-013
Sample ID:	4' Below BGT	Date Reported:	02-28-07
Laboratory Number:	40190	Date Sampled:	02-26-07
Chain of Custody:	2128	Date Received:	02-26-07
Sample Matrix:	Soil	Date Analyzed:	02-28-07
Preservative:	Cool	Date Extracted:	02-27-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**74.5**	**1.8**
Toluene	**272**	**1.7**
Ethylbenzene	**1,010**	**1.5**
p,m-Xylene	**4,220**	**2.2**
o-Xylene	**724**	**1.0**
Total BTEX	**6,300**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**97.0 %**
	1,4-difluorobenzene	**97.0 %**
	Bromochlorobenzene	**97.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Huerfano 112.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-28-BTEX QA/QC	Date Reported:	02-28-07
Laboratory Number:	40189	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-28-07
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	2.5906E+007	2.5958E+007	0.2%	ND	0.2
Toluene	3.6223E+007	3.6296E+007	0.2%	ND	0.2
Ethylbenzene	1.9182E+007	1.9221E+007	0.2%	ND	0.2
p,m-Xylene	7.6713E+007	7.6866E+007	0.2%	ND	0.2
o-Xylene	3.2464E+007	3.2529E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.6	28.6	3.4%	0 - 30%	1.8
Toluene	18.0	17.0	5.6%	0 - 30%	1.7
Ethylbenzene	33.4	32.4	3.0%	0 - 30%	1.5
p,m-Xylene	137	136	0.7%	0 - 30%	2.2
o-Xylene	51.4	50.4	1.9%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.6	50.0	79.3	99.6%	39 - 150
Toluene	18.0	50.0	65.0	95.6%	46 - 148
Ethylbenzene	33.4	50.0	75.0	89.9%	32 - 160
p,m-Xylene	137	100	230	97.1%	46 - 148
o-Xylene	51.4	50.0	90.0	88.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

References:
Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments: **QA/QC for Samples 40189 - 40191, 40193 - 40194 and 40210.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

2128

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BURLINGTON	HUERFANO 112	
Sampler: ENH	Client No. 92115-121-013	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8021						Remarks
4' BELOW BGT	02/26/07	1430	40190	SOIL	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nicole Mayer	02/26/07	1712	R. Clark Vaulla	2/26/07	1712
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		