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 For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Form C-144

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 \(\bigcap\) Closure of a pit or below-grade tank \(\bigcap\) Telephone: (505) 326-9841 e-mail address: LHasely@br-inc.com Operator: Burlington Resources Address: 3401 East 30th Street, Farmington, New Mexico, 87402 Facility or well name: Huerfano Unit 190 API #: 30045204190000 ____U/L or Qtr/Qtr ___B __ Sec __1 __T __25N __R __10W NAD: 1927 ☑ 1983 ☐ County: San Juan Latitude 36.43487 Longitude -107.84446 Surface Owner: Federal State Private Indian Below-grade tank Pit Type: Drilling | Production | Oisposal | Volume: 60 bbl Type of fluid: Produced Water and Incidental Oil Workover ☐ Emergency ☐ Construction material: Fiberglass Lined Unlined Double-walled, with leak detection? Yes If not, explain why not Liner type: Synthetic Thickness ____mil Clay __ No. Tank in place prior to Rule 50. Pit Volume (20 points) Less than 50 feet Depth to ground water (vertical distance from bottom of pit to seasonal 50 feet or more, but less than 100 feet (10 points) high water elevation of ground water.) 100 feet or more (0 points) Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic 0 No (0 points) water source, or less than 1000 feet from all other water sources.) Less than 200 feet (20 points) Distance to surface water: (horizontal distance to all wetlands, playas, 200 feet or more, but less than 1000 feet (10 points) irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more (0 points) 10 10 **Ranking Score (Total Points)** 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 your 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.

Your certification and NMOCD approval of this application/closure does not relieve the operator otherwise endanger public health or the environment. Nor does it relieve the operator of its respregulations.		
Printed Name/Title Signature Mad Ball	AUG 23 2006	

Mr. Ed Hasely, Environmental Advisor Signature

Printed Name/Title

has been/will be constructed or closed according to NMOCD guidelines 🗓, a general permit 🗋, or an (attached) alternative OCD-approved plan 🗀.

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

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LAB SAMPLES SAMPLE ANALYSIS TIME Weber DO AST BET Y = Surplu point	LAB SAMPLES SAMPLE ANALYSIS TIME Y = Surplu point BAYEL NOTES:	SCALE FT PROFILE	TIME OS 24	SAMPLE I.D. 3' Belse SAMPLE 10 13' Belse 2 3	OVM RESULT	LD 418.1 CA WEIGHT (g) S S (EADSPACE (ppm)	nLCULATIONS ml. FREON 20	DILUTION	READING	229
LAB SAMPLES SAMPLE ANALYSIS TIME Weter AST AST SAMPLE ANALYSIS TIME BGT X = Susplu point	LAB SAMPLES SAMPLE ANALYSIS TIME Y = Surplu point BAYEL NOTES:	SCALE FT PROFILE	TIME OS 24	SAMPLE I.D. 3 Below SAMPLE 13 Below 2 3 4	OVM RESULT	LD 418.1 CA WEIGHT (g) S S (EADSPACE (ppm)	nLCULATIONS ml. FREON 20	DILUTION	READING	229
LAB SAMPLES SAMPLE ANALYSIS TIME Weter AST AST Sample point Weter BGT	LAB SAMPLES SAMPLE ANALYSIS TIME Y = Surplu point BAYEL NOTES:	SCALE OFT PROFILE	TIME OS 24	SAMPLE I.D. 3 Below SAMPLE 13 Below 2 3 4	OVM RESULT	LD 418.1 CA WEIGHT (g) S S (EADSPACE (ppm)	nLCULATIONS ml. FREON 20	DILUTION	READING 0.033	229
SAMPLE ANALYSIS TIME BGT Y = Surplu point	SAMPLE ANALYSIS TIME BET RAVEL NOTES:	SCALE TT PROFILE	TIME OS 24	SAMPLE I.D. 3 Below SAMPLE 13 Below 2 3 4	OVM RESULT	LD 418.1 CA WEIGHT (g) S S (EADSPACE (ppm)	nLCULATIONS ml. FREON 20	DILUTION	READING 0.033	229
X = Surplu point	Y= Suple point BAYEL NOTES:	SCALE O FT PROFILE PIT PERIM	TIME OS 24	SAMPLE I.D. 3 Below SAMPLE 13 Below 2 3 4	OVM RESULT	LD 418.1 CA WEIGHT (g) S S (EADSPACE (ppm)	nLCULATIONS ml. FREON 20	DILUTION	READING 0.033	229
	PAVFI NOTES	SCALE O FT PROFILE PIT PERIM	TIME OS 24	SAMPLE I.D. 3 Relia SAMPLE 10 13 Relia 2 3 4 5	OVM RESULT FIELD H OVM RESULT AB SAMPL	S HEADSPACE (Appm) 7 CPM LES	nLCULATIONS ml. FREON 20	DILUTION	READING 0.033	229
	PAVFI NOTES	SCALE O FT PROFILE PIT PERIM	TIME OS 24	SAMPLE I.D. 3' Bulsio SAMPLE 10 13' Bulsio 2 3 4 5	OVM RESULT FIELD H OVM RESULT AB SAMPL	S HEADSPACE (Appm) 7 CPM LES	nLCULATIONS ml. FREON 20	DILUTION	READING 0.033	229
	PAVFI NOTES	SCALE O FT PROFILE PIT PERIM	TIME OS 24	SAMPLE I.D. 3' Bulsio SAMPLE 10 13' Bulsio 2 3 4 5	OVM RESULT FIELD H OVM RESULT AB SAMPL	S HEADSPACE (Appm) 7 CPM LES	nLCULATIONS ml. FREON 20	DILUTION	READING 0.033	229
	RAVEL NOTES: CALLOUT: ONSITE:	SCALE O FT PROFILE PIT PERIM	TIME OS 24	SAMPLE I.D. 3' Bulsio SAMPLE 10 13' Bulsio 2 3 4 5	OVM RESULT FIELD H OVM RESULT AB SAMPL	S HEADSPACE (Appm) 7 CPM LES	nLCULATIONS ml. FREON 20	DILUTION	READING 0.033	229



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Burlington Resources

Project #:

92115-046-015

Sample No.:

1

Date Reported:

6/28/2006

Sample ID:

Discrete, 3' Below BG Tank

6/27/2006

Sample Matrix:

Soil

Date Sampled: Date Analyzed:

6/27/2006

Preservative:

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

229

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 190

Analyst

Review



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:

Burlington Resources

Project #:

92115-046-015

Sample ID:

QA/QC

Date Reported:

5/15/2006

Laboratory Number:

01-24-TPH.QA/QC

Date Sampled:

N/A

Sample Matrix:

Freon-113

Date Analyzed:

1/24/2005

Preservative:

N/A

Date Extracted:

1/24/2005

Condition:

N/A

Analysis Needed:

TPH

Calibration

I-Cal Date 05-22-04

C-Cal Date 1/24/2005 I-Cal RF:

1,735

C-Cal RF: 1,754

% Difference Accept. Range +/- 10% 1.1%

Blank Conc. (mg/Kg)

Concentration

Detection Limit

TPH

ND

5.0

Duplicate Conc. (mg/Kg)

Sample

Duplicate

% Difference Accept. Range

TPH

TPH

2,471

2,352

4.8%

+/- 30%

Spike Conc. (mg/Kg)

Sample 2,471

Spike Added 2,000

Spike Result 5,030

% Recovery Accept Range 112.5%

80 - 120%

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis os Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

QA/QC for Huerfano Unit 190