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**

For drilling and production facilities, submit to appropriate NMOCD District Office.

For downstream facilities, submit to Santa Fe

Form C-144 June 1, 2004

Oil Conservation Division

1220 South St. Francis Dr. office Santa Fe, NM 87505

Is pit or below-grade tar	ade Tank Registration or Closus ak covered by a "general plan"? Yes 🛛 No		
	or below-grade tank Closure of a pit or below-grad		
•	: (505) 326-9841 e-mail address: LI	Hasely@br-inc.com	
Address: 3401 East 30th Street, Farmington, New Mexico, 87402			
•		Otr/Qtr <u>H</u> Sec <u>13 T_31N_R 9W</u>	
County: San Juan Latitude _ Surface Owner: Federal State Private Indian	36.90052 Longitude <u>-107.72614</u>	NAD: 1927 ⊠ 1983 □	
<u>Pit</u>	Below-grade tank		
Type: Drilling Production Disposal	Volume: 60 bbl Type of fluid: Produced Water	er and Incidental Oil	
Workover ☐ Emergency ☐	Construction material: Fiberglass		
Lined Unlined	Double-walled, with leak detection? Yes ☑ If not	t, explain why not.	
Liner type: Synthetic Thickness mil Clay			
Pit Volume bbl			
TR VOIGING	Less than 50 feet	(20 points)	
Depth to ground water (vertical distance from bottom of pit to seasonal	50 feet or more, but less than 100 feet		
high water elevation of ground water.)		(10 points)	
	100 feet or more	( 0 points) 20	
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)	
water source, or less than 1000 feet from all other water sources.)	No	( 0 points) 0	
water source, or less tall 1000 feet from all other water sources.)	1 4 200 C	(20 maints)	
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)	
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)	
	1000 feet or more	( 0 points) 10	
	Ranking Score (Total Points)	30	
If this is a pit closure: (1) Attach a diagram of the facility showing the pit' your are burying in place) onsite ☑ offsite ☐ If offsite, name of facility _ date. (4) Groundwater encountered: No ☑ Yes ☐ If yes, show depth below that the soil sample results and a diagram of sample locations and excavations.		on taken including remediation start date and end	
Additional Comments: Suils chiectly beneath	the tunk were impacted	D. Excavated and	
landfarmed onsite	approximately 30 ev. 1	-ab analyses from	
bottom of excavation		are attached.	
I hereby certify that the information above is true and complete to the best			
has been/will be constructed or closed according to NMOCD guideline	es ∐, a general permit ∐, or an (attached) alterna	tive OCD-approved plan ∐.	
Date: 11/28/05	5276	N 1 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2	
Printed Name/Title Mr. Ed Hasely, Environmental Advisor	Signature 2 / Value (		
Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve regulations.	not relieve the operator of liability should the contents the operator of its responsibility for compliance with a	of the pit of tank contemprate ground water or ny other federal, state, of localities and/or of ECEIVED	
Approval:  Printed Name Title  Signature  Signature	The pate DEC 0 2 2	OOS CONST. S	

FIELD REPORT: CLOSURE VERIFICATION PAGE NO: 1 of 1  LOCATION: NAME Tecl VELL #: 1 PIT:  QUAD/UNIT: H SEC: 13 TWP: 31M RNG. 960 PM MAM CNTY. 57 ST AM  QTR/FIDITAGE 16/5 PM 99/0 FEL CONTRACTOR: LOR  EXCAVATION APPROX. 16 FT. x 1.7 FT. x 1.0 FT. DEEP CUBIC YARDAGE: 30 45 PM STEALS PROMOTED AND LOSE:  LEASE: SF. 078508-A FORMATION:  LEASE: SF. 078508-A FORMATION:  DEPTH TO GROUNDWATER 20 NEAREST VATER SOURCE 0 NEAREST SUBFACE VATER 10  NMCCD RANKING SCORE: 30 NMCCD TPH CLOSURE STD. 1.00 PPM  SOIL AND EXCAVATION DESCRIPTION  Vis-lik custamination brought 136T. Ended about 2.5 below 36T. Excurated to 10 appth. Approx. 30 405 will be land-formed on site.  SCALE  OFT  PIT PERIMETER  OVM  RESULTS  PIT PROFILE  OVM  RESULTS  OVM  RESULTS  PIT PROFILE  OVM  RESULTS  OVM  RESULTS  PIT PROFILE  OVM  RESULTS  OVM	CLIENT: <u>Birlingter</u> Resouras	ENVIRONMEN 5796 FARMIN	TAL SCIENTISTS & ENGINEER U.S. HIGHWAY 64-3014 GTON, NEW MEXICO 87401 INE: (505) 632-0615	l . SS	LOCATION NO:
QUAD/UNIT H SEC: 13 TWP 31N RNO. 9N PM NAMM CNTY: 55 ST AM  OTR/FOOTAGE: 1450 CML  QTR/FOOTAGE: 1450 CML  QTR/FOOTAGE: 1450 CML  EXCAVATION APPROX 16 FT. x 17 FT. x 10 FT. DEEP. CUBIC YARDAGE: 30 43 DISPOSAL FACILITY.  ON SITE REMEDIATION METHOD: LANSFARM LAND USE:  LEASE: SF. 078508 A FORMATION:  FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 78 FT. O FROM VELLHEAD.  DEPTH TO GRUNDWATER 22 NEAREST VATER SOURCE O NEAREST SURFACE VATER 100  NMOCD RANKING SCORE 32 NMOCD TPH CLOSURE STD 100 PPH  CONTROL OF THE SAMPLE TO THE STORY OF THE STREET VATER TO THE STEEL TANK INSTALLED  VISIBLE NOTAGE AND EXCAVATION DESCRIPTION:  TIME SAMPLE 10 LAS NO: WEIGHT (3) ML FREON DULUTION READING CALC. PPM  SCALE  OFT  PIT PERIMETER  RESULTS  PIT PROFILE  AND OVM  RESULTS  PIT PROFILE  AND SINGLE  LAS SAMPLES  DEMARCE MISSION AND SINGLE MARCH 130 DAY  AND SINGLE MARCH 100 LAS NO: WEIGHT (3) ML FREON DULUTION READING CALC. PPM  PIT PERIMETER  RESULTS  PIT PROFILE  AND OVM  RESULTS  PIT PROFILE  AND SINGLE MARCH 100 SINGLE MARCH 100 DAY  AND SINGLE MARCH 100 DAY	FIELD REPOF	RT: CLOSU	RE VERIF	ICATION	PAGE No: 1 of 1
DISPOSAL FACILITY: ON SITE REMEDIATION METHOD: LAND FACEN' LAND USE: LEASE: SF. 078508: A FORMATION:  FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY TB FT. O FROM WELLHEAD.  DEPTH TO GROUNDWATER 20 NEAREST VATER SOURCE: O NEAREST SURFACE VATER 10  NMCCD RANKING SCORE: 30 NMCCD TPH CLOSURE STD 100 PPM  SOIL AND EXCAVATION DESCRIPTION:  Visible outamination brought 1367. Ended about 2.5' below 367. Excervated to 10' depth. Approx. 30 y03's will be land-formed on-side.  FIELD 418.1 CALCULATIONS  TIME SAMPLE 10. LAB No: WEIGHT (g) ML FREON DILUTION READING CALC. ppm  SCALE  1355 3' below 1 5 20 1 0.127 847  O PT  OVM  RESULTS  PIT PERIMETER  RESULTS  PIT PROFILE  NAME 10 10 depth 10 depth 12 depth 12 depth 12 depth 12 depth 13 depth 14 depth 13 depth 14 depth 13 depth 13 depth 13 depth 14 depth 13 depth 13 depth 14 depth 14 depth 13 depth 14 depth 13 depth 14 depth 13 depth 14 depth 13 depth 14 depth	quad/unit: H sec:	13 TWP: 31N RNG:	9W PM: NMPM C		DATE FINISHED: 7/18/05
DEPTH TO GROUNDWATER: 20 NEAREST VATER SOURCE: 0 NEAREST SURFACE VATER: 10  NMGCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD 100 PPM  SDIL AND EXCAVATION DESCRIPTION: PIT ABANDONED  STEEL TANK INSTALLED  Visible extamination brough Bot. Ended about 2.5' below Bot. Excurated to 10' depth. Approx. 3D y3s will be land-formed on-site.  SCALE  TIME SAMPLE ID. LAB No: WEIGHT (g) ml. FREON DILUTION READING CALC. ppm  TIME SAMPLE ID. LAB No: WEIGHT (g) ml. FREON DILUTION READING CALC. ppm  TIME SAMPLE ID. LAB No: WEIGHT (g) ml. FREON DILUTION READING CALC. ppm  TO TO TO THE PERIMETER RESULTS  PIT PERIMETER RESULTS  PIT PROFILE  Approx. 3D y0s will be ppm  Supple RESULTS  LAB SAMPLES  SAMPLE SAMPLES  SAMPLES  LAB SAMPLES  MALLES INC. 10 Supple	EXCAVATION APPROX. 16 FT. x 17 FT. x 10 FT. DEEP. CUBIC YARDAGE: 30 4653  DISPOSAL FACILITY: 8N-51TE REMEDIATION METHOD: LANDFARM				
SCALE  OFT  PIT PERIMETER  OVM  RESULTS  OVM  RESULTS  OVM  RESULTS  PIT PERIMETER  OVM  RESULTS  OV					
FIELD 418.1 CALCULATIONS  TIME SAMPLE I.D. LAB NO: WEIGHT (9) ml. FREON DILUTION READING CALC. ppm  1355 3 below 1 5 20 1 0.127 847  1411 10 black with 1 5 20 1 0.002 13.9  OFT  PIT PERIMETER  RESULTS  PIT PROFILE  N  American  Sample Medicande  12 10 70 0 ppm  210 70 0 ppm  210 70 0 ppm  210 70 0 ppm  210 70 0 ppm  3			E STD: <u>100</u> PPM		_ PIT ABANDONED
SCALE  1355 3' below 1 5 20 1 0.122 847  1411 10' total with 1 5 20 1 0.802 13.9  OFT  PIT PERIMETER  RESULTS  PIT PROFILE  N  American 13 below 1 5 20 1 0.802 13.9  OVM  RESULTS  PIT PROFILE  N  American 13 below 11 5 20 1 0.802 13.9  OVM  RESULTS  PIT PROFILE  N  American 13 below 11 proper pr					
PIT PERIMETER  OVM  PIT PERIMETER  OVM  RESULTS  PIT PROFILE  N  American 1 3 Jacob 1 1 9 pm 2 10 70 D 971 1 3 1 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			LAB No: WEIGHT		
PIT PERIMETER  OVM  RESULTS  PIT PROFILE  AMAGE  SAMPLE  PIT PROFILE  PROFILE  AMAGE  AMAGE  PIT PROFILE  PIT PROFIL					
SAMPLE PELD HEADSPACE PID (ppm)  12' 3 14 5  LAB SAMPLES  SAMPLE ANALYSIS TIME    X=10 TD Sample    X=10 TD Sample	1 7	ETER		PIT	PROFILE
TOTAL STATE OF THE	N 335T		FIELD HEADSPACE PID (spm)  JOH IL PPM  D D DIM  AB SAMPLES	17 ) 10 )	× 16' — 1



## EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

**Burlington Resources** 

92115-021-105

Sample No.:

1

7/10/00/

Sample ID:

Discrete, 3' Below BG Tank

7/18/2005

Sample Matrix:

Soil

7/18/2005 7/18/2005

Preservative:

Cool

Date Analyzed: Analysis Needed:

Date Reported:

Date Sampled:

Project #:

TPH-418.1

Condition:

Cool and Intact

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

**Total Petroleum Hydrocarbons** 

847

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:

Teel No. 1

s exceved to

Analyst

Protes Barutt



## EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

**Burlington Resources** 

Project #:

92115-021-105

Sample No.:

2

Date Reported:

7/18/2005

Sample ID:

Discrete, 10' Total Depth

Date Sampled:

7/18/2005

Sample Matrix:

Soil Cool Date Analyzed:
Analysis Needed:

7/18/2005 TPH-418.1

Preservative: Condition:

Cool and Intact

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

**Total Petroleum Hydrocarbons** 

13.9

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:

Teel No. 1

Bettom of Execution

Analyst

Review



## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Burlington Resources	Project #:	92115-001-14848
Sample ID:	Teel #1	Date Reported:	11-04-05
Laboratory Number:	34885	Date Sampled:	10-25-05
Chain of Custody No:	14848	Date Received:	11-02-05
Sample Matrix:	Soil	Date Extracted:	11-03-05
Preservative:	Cool	Date Analyzed:	11-03-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	27.2	0.1
Total Petroleum Hydrocarbons	27.2	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Landfarm (BG Tank Project).

PID = 3,6

Analyst Malters

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Review