# 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

### 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

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

Form C-144

June 1, 2004

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Pit or Below-Grade Tank Registration or Closure

	or below-grade tank \( \begin{array}{l} \text{Covered by a general plant } fest \( \text{S} \) Not or below-grade tank \( \begin{array}{l} \text{Closure of a pit or below-grade tank } \end{array}\)		
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-m	nail address:	
Address: 200 ENERGY COURT, FARMINGTON.		ian address.	
Facility or well name: RUSSELL COM #1E	API #: 30-045- 25964 U/L or Qtr	Otr E Sec 23	3 T 28N R 8W
County: SAN JUAN Latitude 36.65027 Longitude 10			
Pit	Below-grade tank		
Type: Drilling Production Disposal BLOW	Volume:bbl_Type-of-fluid: /		<del>-</del>
Workover	Construction material:	<del>-</del>	
Lined Unlined 🛛	Double-walled, with teak of tection? Yes I If	t, explain why not.	
Liner type: Synthetic Thicknessmil Clay			-
Pit Volumebbl			
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)	•
high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)	0
	100 feet or more	( 0 points)	
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
	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)	0
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	( 0 points)	U
	Ranking Score (Total Points)		0
If this is a pit closure: (1) attach a diagram of the facility showing the pit's	s relationship to other equipment and tanks (2) India	cate disposal location:	
your are burying in place) onsite \( \square\) offsite \( \square\) If offsite, name of facility	· · ·	=	•
remediation start date and end date. (4) Groundwater encountered: No			
Attach soil sample results and a diagram of sample locations and excavation		n. and atta	275 26 27 43 (5)
Additional Comments: PIT LOCATED APPROXIMATEL	10 000	ELL HEAD	W. C.
PIT EXCAVATION: WIDTH N/Aft., LENGTH		ELL HEADING.	Fr. En S
	· · · · · · · · · · · · · · · · · · ·	explain) P Out	2006
PIT REMEDIATION: CLOSE AS IS: \( \times, LANDFARM: \( \pri, C\)	OMPOST: [], STOCKPILE: [], OTHER []	explain) (= S///	901-50 W
Cable yards.		/ = /	MILE ON S
BEDROCK BOTTOM		R.J.	014 014
I hereby certify that the information above is true and complete to the best	of my knowledge and balish I fouth as and the	7001 0	1. 0 1. <del>2</del>
has been/will be constructed or closed according to NMOCD guideline			pilor below-grade tank
Data: 10/03/05			
Date:			
PrintedName/Title Jeff Blagg - P.E. # 11607	Simon Jeffy C.	sen (	
	Signature	. 64 1	
Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve	the operator of its responsibility for compliance with	is of the pit of tank con any other federal, state	taminate ground water or e, or local laws and/or
regulations.			
		Ę.	ED 9 o sees
Approval: Printed Name/Title OIL & GAS INSPECTOR, DIST. 25 Si	ignature Bloom Bell		EB 2 8 2006
Printed Name/TitleSi	gnature 05-16 0-911	Date:	
l .			

30-095-25769 - page masses -	36.6205 Ex 10 (-625 3	
BLAG	G ENGINEERING, IN	LOCATION NO. OT SO
	87, BLOOMFIELD, NN 505) 632-1199	COCR NO: 14570
FIELD REPORT: PIT CL	OSURE VERIFICA	
LOCATION: NAME: RUSSELL COM		DATE STARTED: 9-29-05 DATE FINISHED: 9-29-05
QUAD/UNIT: E SEC: 23 TWP: 28N RNG	SW PM: NM CNTY: SJ ST:	/\/`\
QTR/FOOTAGE: 1450 FNL × 1185 FN		
EXCAVATION APPROX. NA FT. x		
	REMEDIATION	<b>1</b>
	LEASE: NM 076031	
		FT. S3ZE FROM WELLHEAD.
		REST SURFACE WATER:
NMOCD RANKING SCORE: NMOCD TPH	CLOSURE STD: 5000 PPM	CALIB. READ. = 51.9 ppm
SOIL AND EXCAVATION DESCRIPT	ION:	CALIB GAS - //2/ npm RF = 0.52
	TIME	: 12/0 am/pm DATE: 9-29-05
SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY C SOIL COLOR: LITE TAN	CLAY / CLAY / GRAVEL / OTHER	SPICOLE SAMOSKINE (8)
COHESION (ALL OTHERS) NON COHESIVE SLIGHTLY		VE
CONSISTENCY (NON COHESIVE SOILS) (LOOSE) FIRM PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTI		PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STI	FF / VERY STIFF / HARD	(C102ED)
MOISTURE: DRY SLIGHTLY MOIST MOIST / WET / SAT DISCOLORATION/STAINING OBSERVED: YES NO EXP	URATED / SUPER SATURATED	6" ton 6"-7"
HC ODOR DETECTED: YES / NO EXPLANATION - /	holerafe	
SAMPLE TYPE: GRAB) COMPOSITE - # OF PTS	– 8 x8 x 5 .0e2.	= Earthon Ax. Use
BEDROCIE	BARTHOR 40 dig tost	hole to Bodrock Soudstene
	FIELD 418.1 CALCULATION	ons
SCALE SAMP. TIME SAMP. ID		REON DILUTION READING CALC. (ppm)
0 FT		
		DIT BBOSH 5
PIT PERIMETER	OVM	PIT PROFILE
	READING	
,	SAMPLE FIELD HEADSPACE (ppm)	
8	1@7' 107	
( , )	3 @	<del>8</del>
	4 @ 5 @	-
A O B'A'	3	
		7
		1
	LAB SAMPLES	
	SAMPLE ANALYSIS TIME	
	(1)07 TPH/6TEX 1410	BEXPLICE SANDERONE
	PATTED	
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		
TRAVEL NOTES: CALLOUT:	ONSITE:	9/05



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	10-03-05
Laboratory Number:	34513	Date Sampled:	09-29-05
Chain of Custody No:	14570	Date Received:	09-30-05
Sample Matrix:	Soil	Date Extracted:	09-30-05
Preservative:	Cool	Date Analyzed:	10-03-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	135	0.2
Diesel Range (C10 - C28)	0.5	0.1
Total Petroleum Hydrocarbons	136	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:

Russell Com 1E

Blow Pit.

Analyst C. Oct.

(Review Walles



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	10-03-05
Laboratory Number:	34513	Date Sampled:	09-29-05
Chain of Custody:	14570	Date Received:	09-30-05
Sample Matrix:	Soil	Date Analyzed:	10-03-05
Preservative:	Cool	Date Extracted:	09-30-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	61.2	1.8	
Toluene	1,900	1.7	
Ethylbenzene	623	1.5	
p,m-Xylene	5,530	2.2	
o-Xylene	1,310	1.0	
Total BTEX	9,420		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochiorobenzene	99.0 %

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:

Russell Com 1E Blow Pit.

Analyst C. Q

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Review

### 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

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

### State of New Mexico **Energy Minerals and Natural Resources**

Form C-144 June 1, 2004 For drilling and production facilities, submit to appropriate NMOCD District Office.

For downstream facilities, submit to Santa Fe

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

office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tan Type of action: Registration of a pit	k covered by a "gene or below-grade tank [] (	eral plan"? Yes Closure of a pit or be	⊠ No ∐ elow-grade tank ⊠	
Operator: BP AMERICA PROD. CO.	_Telephone:(505)	-320-9200	e-mail address:	
Address: 200 ENERGY COURT, FARMINGTON. Facility or well name: RUSSELL COM #1E		064 110	or Qtr/Qtr E Sec 23	т 28N р 8W
County: SAN JUAN Latitude 36.65027 Longitude 10			urface Owner Federal State	
County: 5/11/06/11/ Latitude 50/06/2/ Longitude 10	NAD.	1927 🔲 1983 🔼 30	iriace Owner rederat 🔼 State	
Pit	Below-grade tank			
Type: Drilling ☐ Production ☐ Disposal ☒ DEHYDRATOR	Volume:bbl_T	ype-og-fluid: 🖊		_
Workover    Emergency	Construction material:		$\Delta$	
Lined Unlined 🖾	Double-walled, withtle	ak outection? Yes	If the explain why not.	
Liner type: Synthetic Thicknessmil Clay [				<del>-</del>
Pit Volumebbl				
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet		(20 points)	
high water elevation of ground water.)	50 feet or more, but les	s than 100 feet	(10 points)	0
	100 feet or more		( 0 points)	
Wellhead protection area: (Less than 200 feet from a private domestic	Yes		(20 points)	0
water source, or less than 1000 feet from all other water sources.)	No		( 0 points)	0
	Less than 200 feet		(20 points)	
Distance to surface water: (horizontal distance to all wetlands, playas,	200 feet or more, but le	ess than 1000 feet	(10 points)	0
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more		( 0 points)	U
	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 equi	inment and tanks (	2) Indicate disposal location: (	
your are burying in place) onsite \(\sigma\) offsite \(\sigma\) If offsite, name of facility_	•	-	•	
remediation start date and end date. (4) Groundwater encountered: No 🖾				
Attach soil sample results and a diagram of sample locations and excavation		i oolow ground sark	it. and attac	ir sample results. (5)
Additional Comments: PIT LOCATED APPROXIMATEL		V2E FRO	M WELL HEAD.	15 76 CT 28 20
PIT EXCAVATION: WIDTH N/Aft., LENGTH				1 403
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C			(1)	FEB 2000
Cubic yards: N/A	олгоот,5тоен	TIEE, OTHER	(C. Capialli)	2008 O
BEDROCK BOTTOM			je.	
BLDROCK BOTTOM			7.5	DIATE ON T
I hereby certify that the information above is true and complete to the best	of my knowledge and bel	ief. I further certi	fy that the above-described p	it or below-grade tank
has been/will be constructed or closed according to NMOCD guideline	s ⊠, a general permit [	], or an alternative	e OCD-approved plan 🛛 🌅	44110100
Date: 10/03/05				
			4 4	
PrintedName/Title Jeff Blagg - P.E. # 11607	_Signature	100		
Your certification and NMOCD approval of this application/closure does in	ot relieve the operator of	liability should the	contents of the pit or tank cont	aminate ground water or
otherwise endanger public health or the environment. Nor does it relieve t regulations.	he operator of its responsi	ibility for compliance	e with any other federal, state,	or local laws and/or
Approval: DEPUTY OIL & GAS INSPECTOR, DIST.	- //	1011	FF	R 2 0 2000
Printed Name/Title Si	gnature 3	T-11/2	Date:	B 2 8 2006
	<del>-</del> · -			

30-045-2	5964 Commence	36.6502	7× 107.6	5539	
CLIENT: BP	BLA	NGG ENGI X 87, BLO (505) 632	NEERING OMFIELD	INC.	LOCATION NO: 8/659
		(303) 002	-1133		
FIELD RE	PORT: PIT C	LOSURE	VERIFI	CATION	PAGE No: 1 of 1
LOCATION: NAME	: Russeu Com	WELL #: 1	TYPE:	DEHY	DATE STARTED: 9-29-05
	EC: 23 TWP: 28N F		VM CNTY: SJ	ST: NM	DATE FINISHED: 9-29-05
QTR/FOOTAGE:	1450 FNL × 1185 1	=WLSW(~W)	ACTOR PXS (	Fernando)	ENVIRONMENTAL JCB
	PPROX. NA FT.	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	<del></del>		YARDAGE: O
DISPOSAL FACILIT				TION METHOD:	CLOSE AS 15
LAND USE: RAW	''	LEASE: NA			PRMATION: DK
FIELD NOTES &			•••		
		OCATED APPROX			
DEPTH TO GROUNDWA	_	WATER SOURCE:			ACE WATER:
NMOCD RANKING SCOF	RE: O NMOCD T	PH CLOȘURE STD: _	<i>≥000</i> pp		
SOIL AND EXC	CAVATION DESCRI	PTION:		OVM CALIB. REA	
		·····		Į.	am/pm DATE: 9-29-05
	SILTY SAND SILT / SILT	Y CLAY / CLAY /	GRAVEL / OTHE		
SOIL COLOR:	Lite T.  RS): NON COHESIVE (SLIGH		HESIVE / HIGHLY	COHESIVE	
	OHESIVE SOILS): LOOSE (FI			301120172	
	ION PLASTIC / SLIGHTLY PLA			HIGHLY PLASTIC	
	LAYS & SILTS): SOFT / FIRM / SHTLY MOIST → MOIST / WET / S				(CLOSED)
DISCOLORATION/STAIN	ING OBSERVED: YES NO	EXPLANATION -			
	YES (NO) EXPLANATION -				
ADDITIONAL COMMENT	COMPOSITE - # OF PTS S:	12";	x12"×3" D	PER Earthou	. Pit. Use Beekhue
BEOROCK	•	10 D	test hul	e. No e.	richance of Pit use.
· ·		FIF	LD 418.1 CALC	PATIONS	<i>y</i>
SCALE	SAMP. TIME SAMP. ID	<del></del>	1		LUTION READING CALC. (ppm)
		2.2.10.	w Biolit (g)	IIID TICEON   DII	SO HON READING CAEC. (ppin)
0 <sub>∳</sub> FT					
بر PIT PE	RIMETER		<u> </u>		PIT PROFILE
		1	VM		
·	A	REA SAMPLE	DING FIELD HEADSPACE	4	
	12	ID /	(ppm)	4	
		1@ 5	6.67		
		3 @ 4 @			-12 <del></del>
		5 @		3'	. 7
	1) 12			1 4	
				╡	
(	1				1
				1 / Ras	1200/E SIGNOSTONIE
	A	SAMPLE	AMPLES	<b>-1</b> /	. The styleness
		ID A	NALYSIS TIME		•
		2	ASSED )		
PD = PIT DEPRESSION:	B.G. = BELOW GRADE: B = BEL		ا روع رون		
	PROX.; T.B. = TANK BOTTOM	OVV			
TRAVEL NOTES:	CALLOUT:		_ ONSITE:	9/29/05	
A				7 /	



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	10-03-05
Laboratory Number:	34514	Date Sampled:	09-29-05
Chain of Custody No:	14570	Date Received:	09-30-05
Sample Matrix:	Soil	Date Extracted:	09-30-05
Preservative:	Cool	Date Analyzed:	10-03-05
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)	1.7	0.1
Total Petroleum Hydrocarbons	1.7	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:

Russell Com 1E

Dehy Pit.

Analyst C. Cylins

Review Waston

# <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District III 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

<u>District IV</u> 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

Form C-144 June 1, 2004

Pit or Below-Grade Tank Registration or Closure
Is pit or below-grade tank covered by a "general plan"? Yes No

	or below-grade tank Closure of a pit or below-gra	ade tank 🗵
DD AMEDICA BROD CO	T. (505) 326 0200	
•		ail address:
Address: 200 ENERGY COURT. FARMINGTON.		O F C 23 T 28N P 8W
Facility or well name: RUSSELL COM #1E  County: SAN JUAN Latitude 36.65027 Longitude 10	API#: 30-045- 25964 U/L or Qtr/\( 7.65539 \) API #: 1002 \$\frac{1}{2}\$ 1002 \$\frac{1}{2}\$ 2.65 \$\frac{1}{2}\$	
County: SAIT 3 CAIT Latitude 30.03027 Longitude 10	NAD: 1927   1983   Surface O	Owner Federal 🛛 State 🗌 Private 🔲 Indian 🖺
Pit	Below-grade tank	
Type: Drilling ☐ Production ☐ Disposal ☒ PRODUCTION TANK	Volume:bbl_Type-ef-fluid:	
Workover  Emergency	Construction material:	
Lined Unlined 🗵	Double-walled, with leak of tection? Yes I If	– Mar. explain why not
Liner type: Synthetic Thickness mil Clay		and one product the product of the p
Pit Volumebbl		
	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	(10 points)
high water elevation of ground water.)	100 feet or more	( 0 points)
	**	
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)
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)
inigation canais, anches, and persima and epitemetal watercourses.)	1000 feet or more	( 0 points)
	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) Indice	
your are burying in place) onsite ⊠ offsite □ If offsite, name of facility_		•
remediation start date and end date. (4) Groundwater encountered: No 🖾 !		
Attach soil sample results and a diagram of sample locations and excavation		11. and attach sample results. (3)
Additional Comments: PIT LOCATED APPROXIMATEL'		ELL HEAD STATE OF THE PARTY OF
PIT EXCAVATION: WIDTH N/Aft., LENGTH		ANY S
	· · · · · · · · · · · · · · · · · · ·	xplain) 8 2008 1
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C	OMPOSI: [], STOCKPILE: [], OTHER [] (e	xplain) / Company
Outre juitus.		15.04.2
BEDROCK BOTTOM		1. / " " ( ) Va \
I harshy contifue that the information should be to and somether to the house		1,4/2
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	of my knowledge and beneft. I further certify that it is ⊠, a general permit □, or an alternative OCD-	approved plan .
Date: 10/03/05	-	
Date: 10/03/03		
PrintedName/Title Jeff Blagg - P.E. # 11607	Signature 3-16 c 3	Con Contraction of the Contracti
	_Orginature	
Your certification and NMOCD approval of this application/closure does not otherwise endanger public health or the environment. Nor does it relieve to regulations.	not relieve the operator of liability should the contents the operator of its responsibility for compliance with a	s of the pit or tank contaminate ground water o any other federal, state, or local laws and/or
		ECD O
Approval: CEPUTY OIL & GAS INSPECTOR, DIST. Significant Street St	21/1/1	FEB 2 8 2006
Printed Name/TitleSi	gnature 03/h DAM	Date:

30-045-25964	36.65027×107.65539			
CLIENT: BP P.O. BOX	G ENGINEERING, INC. 87, BLOOMFIELD, NM 87413	LOCATION NO: 8/659		
(	505) 632-1199	COCK NO:		
FIELD REPORT: PIT CL	OSURE VERIFICATION	PAGE No: 1 of 1		
LOCATION: NAME: RUSSELL COM	WELL #: 16 TYPE: PREDICTION	DATE STARTED: 9-29-05		
QUAD/UNIT: E SEC: 23 TWP: 28N RNG	MM :TE TE:YTHO MM :MY WB:	DATE FINISHED: 9-29-05		
QTRIFOOTAGE: 1450 FNL × 1185 FW	CONTRACTOR: Pxs (Fernando)	SPECIALIST: JCB		
EXCAVATION APPROX. NA FT. x	NA FT. X NA FT. DEEP. CUBIC	YARDAGE: O		
DISPOSAL FACILITY: NA	REMEDIATION METHOD:	CLOSE AS 15		
LAND USE: RANGE - BLM	LEASE: NM 076031 FOR	RMATION:DK		
FIELD NOTES & REMARKS: PIT LOCA	ATED APPROXIMATELY <u>135</u> FT. <u>N8</u>			
	ATER SOURCE: >1000 NEAREST SURFACE	DE WATER:		
NMOCD RANKING SCORE: NMOCD TPH	CLOSURE STD: 5000 PPM			
SOIL AND EXCAVATION DESCRIPT	ION: OVM CALIB. READ OVM CALIB. GAS =	. = <u>51.9</u> ppm : / <i>OJ</i> ppm RF = 0.52		
	TIME: 12/0			
SOIL TYPE: SAND SILTY SAND / SILT / SILTY C				
SOIL COLOR: Lite Tay COHESION (ALL OTHERS): (NON COHESIVEY SLIGHTLY	COHESIVE / COHESIVE / HIGHLY COHESIVE			
CONSISTENCY (NON COHESIVE SOILS) LOOSE FIRM	/ DENSE / VERY DENSE			
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTI DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STI				
MOISTURE: DRY SLIGHTLY MOIST MOIST / WET / SAT	TIRATED / SUPER SATURATED	(CLOSEO)		
DISCOLORATION/STAINING OBSERVED: (YES) NO EXP HC ODOR DETECTED: (YES) NO EXPLANATION -		i		
SAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS.		D.J. 120 "		
ADDITIONAL COMMENTS:  ( BEDROCK ) BALL	thus to dix test hole to Box	Aveck Sandstone		
Bottom (0 2				
SCALE SAME TRUE SAME TO	FIELD 418.1 CALCULATIONS			
SAMP. TIME SAMP. ID	LAB NO. WEIGHT (g) mL FREON DIL	JTION READING CALC. (ppm)		
0 <sub>4</sub> FT				
N PIT PERIMETER	F	PIT PROFILE		
1	OVM			
	READING SAMPLE FIELD HEADSPACE			
9'	1 @ 4 (8)			
	2@	- 6 /		
	3@			
1 1 19-	5@ 2-1			
BEDROCK SANDSTONE				
LAB SAMPLES				
	SAMPLE ANALYSIS TIME (1) OU TOUTSEL 1437			
BD # DIT DEDDESSION B C = DELOW COARE & TO SHOW	(PASSED)			
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM				
TRAVEL NOTES: CALLOUT:	ONSITE: 9/29/05			



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	10-03-05
Laboratory Number:	34515	Date Sampled:	09-29-05
Chain of Custody No:	14570	Date Received:	09-30-05
Sample Matrix:	Soil	Date Extracted:	09-30-05
Preservative:	Cool	Date Analyzed:	10-03-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	656	0.2
Diesel Range (C10 - C28)	322	0.1
Total Petroleum Hydrocarbons	978	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:

Russell Com 1E

Prod Pit.

Analyst C. Quantum C.

Review Muatlas



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
		Date Reported:	10-03-05
Sample ID:	1 @ 4'	•	
Laboratory Number:	34515	Date Sampled:	09-29-05
Chain of Custody:	14570	Date Received:	09-30-05
Sample Matrix:	Soil	Date Analyzed:	10-03-05
Preservative:	Cool	Date Extracted:	09-30-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	131	1.8	
Toluene	3,230	1.7	
Ethylbenzene	1,310	1.5	
p,m-Xylene	9,900	2.2	
o-Xylene	2,610	1.0	
Total BTEX	17.180		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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:

Russell Com 1E Prod Pit.

Analyst

Review

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

<u>District IV</u> 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

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

Form C-144 June 1, 2004

Pit or Below-Grade Tank Registration or Closure

	k covered by a "general plan"? Yes 🛛 No r below-grade tank 🔲 Closure of a pit or below-grad			
Address: 200 ENERGY COURT, FARMINGTON.	API #: 30-045- 25964 U/L or Qtr/Q			
Pit  Type: Drilling ☐ Production ☐ Disposal ☑ SEPARATOR  Workover ☐ Emergency ☐  Lined ☐ Unlined ☑  Liner type: Synthetic ☐ Thicknessmil Clay ☐  Pit Volumebbl	Below-grade tank  Volume:bblType-of-fluid: Construction material:  Double-walled, with leak of tection? Yes If nat,	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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) ( 0 points)		
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)		
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)		
	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 your are burying in place) onsite offsite if offsite, name of facility				
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, Concept Country	OMPOST,STOCKTIEE,OTHER (ta)			
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 alternative OCD-approved plan .  Date: 10/03/05  PrintedName/Title Jeff Blagg - P.E. # 11607  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. Significant Significan	gnature Bal Fall	FEB 2 8 2006		

30-075-2	SA 64 responsibilities and a	36.6502	1× 10 (.4	5537		
CLIENT: BP	BLAG		P	•	13	ATION NO: 81659
	(	505) 632	-1199		coc	R NO: 1713 70
FIELD RE	PORT: PIT CL	OSURE	VERIFI	CATIO		
	: Russeu Com		TYPE:		DATE	STARTED: 9-29-05 FINISHED: 9-29-05
QUAD/UNIT: E S	SEC: 23 TWP: 28N RNG	BW PM: A	M CNTY: SJ	ST: NM	<u> </u>	
	1450 FNL × 1185 FU					ONMENTAL JCB
EXCAVATION A	APPROX. NA FT. X					
DISPOSAL FACILIT						CLOSE AS 15
LAND USE: RAM		************	•	1		
FIELD NOTES &	FILEOCA					FROM WELLHEAD.
DEPTH TO GROUNDWA	_		_		RFACE WAT	ER: >/003
NMOCD RANKING SCO	RE: NMOCD TPH	CLOSURE STD: _	5000 PF			1 <b>Q</b> I
SOIL AND EXC	CAVATION DESCRIPT	ION:		OVM CALIB. R OVM CALIB. G	AS = /0	00 ppm RF = 0.52
				TIME: 12/0	am/pm	DATE: 9-29-05
SOIL TYPE: (SAND)	SILTY SAND / SILT / SILTY C しげと ソウベ	CLAY / CLAY / C	GRAVEL / OTHI	ER <u>Bedroch</u>	t SAUDS	xne @ 6°
COHESION (ALL OTHER	RS) NON COHESIVE DSLIGHTLY			COHESIVE		
	OHESIVE SOILS) LOOSE / FIRM NON PLASTIC / SLIGHTLY PLAST			/ HIGHLY PLASTIC	:	
DENSITY (COHESIVE C	LAYS & SILTS): SOFT / FIRM / STI	FF / VERY STIFF	/ HARD			(CLOSED)
	SHTLY MOIST MOIST / WET / SAT NING OBSERVED: YES / NO EXP		SATURATED			
HC ODOR DETECTED:	YES (NO) EXPLANATION -				······	
SAMPLE TYPE: (GRAB ADDITIONAL COMMENT	COMPOSITE - # OF PTS.	- 155	r15 74"	Derd Eery	bon Art	. Use
BEDROCK			s dig tost	- hole to	Bodroc	t Sondstone
BOILDIN	<u>e</u>		LD 418.1 CALC	I II ATIONS		· · · · · · · · · · · · · · · · · · ·
SCALE	SAMP. TIME SAMP. ID	LAB NO.	WEIGHT (g)		DILUTION	READING CALC. (ppm)
						,
O $\gamma$ FT						
N PIT PE	ERIMETER	1 0			PITF	PROFILE
İ	A		VM DING			
	15	SAMPLE	FIELD HEADSPACE	7		
		106	6.1	=		~
(		2 @ 3 @			1	5
	$\overline{\Omega}$ $\mathbb{R}^{2}$	4 @ 5 @	<del></del>	1	p.	1
	15					6
		<del></del>		-		
<b> </b>				]		
A LAB SAMPLES BEDROCK SONDEYONE						
1			24 140	<b></b>	,	
		PK	)55€D			,
P.D. = PIT DEPRESSION;	B.G. = BELOW GRADE; B = BELOW PPROX.; T.B. = TANK BOTTOM	,				
TRAVEL NOTES:		<u> </u>		9/20/20		
1	CALLOUT:		_ ONSITE: _	9/29/05		



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	10-03-05
Laboratory Number:	34512	Date Sampled:	09-29-05
Chain of Custody No:	14570	Date Received:	09-30-05
Sample Matrix:	Soil	Date Extracted:	09-30-05
Preservative:	Cool	Date Analyzed:	10-03-05
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)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References:

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SW-846, USEPA, December 1996.

Comments:

Russell Com 1E Sep Pit.

Analyst C. Oylune

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