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

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

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

1220 S. St. Flaticis Dt., Santa I C, 1414 67505			
Pit or Below-Grade Tank Registration or Closure			
Is pit or below-grade tan Type of action: Registration of a pit o	k covered by a "general plan"? Yes 🛛 No or below-grade tank 🔲 Closure of a pit or below-grade	∟ le tank ⊠	
	Telephone: (505)-326-9200 e-mai	l address:	
Address: 200 ENERGY COURT, FARMINGTON.		II - 14 - 20N - 9XV	
	_API #: 30-045- 25304 U/L or Qtr/Q		
County: SAN JUAN Latitude 36.72696 Longitude 10	7.04133 NAD: 1927 ☐ 1983 ☑ Surface Ow	ner Federal ⊠ State ☐ Private ☐ Indian ☐	
Pit	Below-grade tank		
Type: Drilling ☐ Production ☐ Disposal ☒ BLOW	Volume: bbl Type of fluid:		
Workover Emergency	Construction material:		
Lined \(\subseteq Unlined \(\subseteq \) STEEL TANK	Double-walled, with leak detection? Yes I If not	explain why not.	
Liner type: Synthetic Thickness mil Clay		•	
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) 0	
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	No	(0 points)	
water source, or less than 1000 feet from all other water sources.)	140	(v 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) 0	
	1000 feet or more	(0 points)	
	Ranking Score (Total Points)	0	
f this is a pit closure: (1) attach a diagram of the facility showing the pit's	relationship to other equipment and tanks. (2) Indicat	e disposal location: (check the onsite box if	
our are burying in place) onsite 🛛 offsite 🔲 If offsite, name of facility_	. (3) Attach a general de	escription of remedial action taken including	
emediation start date and end date. (4) Groundwater encountered: No 🛛 🕽			
Attach soil sample results and a diagram of sample locations and excavation			
Additional Comments: PIT LOCATED APPROXIMATELY		LL HEAD.	
PIT EXCAVATION: WIDTH N/Aft., LENGTH		For So	
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C		Jain 19 000 300 5	
Cubic yards: N/A	Common Electronic Company	[EE 0 0 W	
BEDROCK BOTTOM		VE ON ON IS	
DEBROOK DOTTOM		V. 97	
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 belief. I further certify that the	ne above-described pit or/below-grade tank	
08/08/05		•	
Date: 00/00/03			
PrintedName/Title Jeff Blagg - P.E. # 11607	Signature I for a		
Your certification and NMOCD approval of this application/closure does n		of the nit or tank contaminate around water or	
otherwise endanger public health or the environment. Nor does it relieve to regulations.	he operator of its responsibility for compliance with an	y other federal, state, or local laws and/or	
Democracy out of the second			
Approval: OEPUTY OIL & GAS INSPECTOR, DIST.	onature RA	FEB 2 8 2006	
Printed Name/Title Si	onature // T. // //	note: ILD & O /IIIh	

8 (0	5@ NOT APPLICABLE
TH (& BC) D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW	LAB SAMPLES SAMPLE ANALYSIS TIME DEC TOT 0653
H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM RAVEL NOTES: CALLOUT:	ONSITE: 8/4/05



1			
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	08-08-05
Laboratory Number:	33956	Date Sampled:	08-04-05
Chain of Custody No:	14358	Date Received:	08-04-05
Sample Matrix:	Soil	Date Extracted:	08-04-05
Preservative:	Cool	Date Analyzed:	08-08-05
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:

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

SW-846, USEPA, December 1996.

Comments:

Vandewart B 1E Blow.

Analyst C. Cyl.

Musture Mulaters

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

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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

Is pit or below-grade tan Type of action: Registration of a pit o	k covered by a "general plan"? Yes 🛭 No or below-grade tank 🗌 Closure of a pit or below-gra	ude tank	
Operator: BP AMERICA PROD. CO. Address: 200 ENERGY COURT. FARMINGTON. Facility or well name: VANDEWART B #1E County: SAN JUAN Latitude 36.72696 Longitude 10	NM 87410 _API#: _30-04525304	Qtr_ H Sec_ 14 T_29N_R_8W	
Pit Type: Drilling Production Disposal DEHYDRATOR Workover Emergency Lined Unlined Liner type: Synthetic Thickness mil Clay Pit Volume bbl	Below-grade tank Volume:bblType-of-fluid: Construction material: Double-walled, with leak of tection? Yes If n	- - <u>4</u> 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 your are burying in place) onsite ☑ offsite ☐ If offsite, name of facility_remediation start date and end date. (4) Groundwater encountered: No ☑ Yattach soil sample results and a diagram of sample locations and excavation	Yes If yes, show depth below ground surface	description of remedial action taken including	
Additional Comments: PIT LOCATED APPROXIMATELY		ELL HEAD:	
PIT EXCAVATION: WIDTH N/Aft., LENGTH	· · · · · · · · · · · · · · · · · · ·	7.5	
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C	OMPOST: □, STOCKPILE: □, OTHER □ (ex		
Cubic yards: N/A			
BEDROCK BOTTOM		Fig. Cy	
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 \(\text{M} \), a general permit \(\text{M} \), or an alternative OCD-approved plan \(\text{M} \). Date: \(\text{D8/08/05} \) PrintedName/Title \(\text{Jeff Blagg} - \text{P.E.} \) # 11607 \(\text{Signature} \) 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: COL & GAS IMSPECTOR, DIST. & Printed Name/Title Si	gnature Blo Ball	PEB 2 8 2006	



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	3-Pt. Composite	Date Reported:	08-08-05
Laboratory Number:	33955	Date Sampled:	08-04-05
Chain of Custody No:	14358	Date Received:	08-04-05
Sample Matrix:	Soil	Date Extracted:	08-04-05
Preservative:	Cool	Date Analyzed:	08-08-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	16.9	0.2
Diesel Range (C10 - C28)	7.1	0.1
Total Petroleum Hydrocarbons	24.0	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:

Vandewart B 1E Dehy.

Analyst C. Oglin

Mother muarten



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

1			
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	3-Pt. Composite	Date Reported:	08-08-05
Laboratory Number:	33955	Date Sampled:	08-04-05
Chain of Custody:	14358	Date Received:	08-04-05
Sample Matrix:	Soil	Date Analyzed:	08-08-05
Preservative:	Cool	Date Extracted:	08-04-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
,			
Benzene	3.8	2.1	
Toluene	26.1	1.8	
Ethylbenzene	19.4	1.7	
p,m-Xylene	379	1.5	
o-Xylene	76.5	2.2	
Total BTEX	505		

ND - Parameter not detected at the stated detection limit.

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

Vandewart B 1E Dehy.

Analyst C. Qu

Misteren Walter
Review

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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
Is pit or below-grade tank covered by a "general plan"? Yes
No

Type of action: Registration of a pit o	r below-grade tank [Closure of a pit or below-grade	le tank 🛛
•		l address:
Address: 200 ENERGY COURT, FARMINGTON.		
	API #: 30-045- 25304 U/L or Qtr/Q	tr H Sec 14 T 29N R 8W
County: SAN JUAN Latitude 36.72696 Longitude 10	7.64133 NAD: 1927 ☐ 1983 🏻 Surface Ow	vner Federal 🛭 State 🗌 Private 🔲 Indian 🗍
Pit	Below-grade tank	
Type: Drilling ☐ Production ☐ Disposal ☑ PRODUCTION TANK	Volume:bbl_Type of fluid:	
Workover Emergency	Construction material:	
Lined Unlined 🗵	Double-walled, with leak of tection? Yes 1 If ht	, explain why not.
Liner type: Synthetic Thickness mil Clay		
Pit Volumebbl		
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
high water elevation of ground water.)	100 feet or more	(0 points)
HIN	Yes	(20 points)
Wellhead protection area: (Less than 200 feet from a private domestic	No	(0 points)
water source, or less than 1000 feet from all other water sources.)		(o 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)
minguion cuitas, ditenes, and percinial and opnomoral 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) Indicat	te disposal location: (check the onsite box if
your are burying in place) onsite 🛛 offsite 🔲 If offsite, name of facility_	(3) Attach a general de	escription of remedial action taken including
remediation start date and end date. (4) Groundwater encountered: No 🛛 Y		
Attach soil sample results and a diagram of sample locations and excavations		
Additional Comments: PIT LOCATED APPROXIMATELY		LI HEAD AND TO THE
PIT EXCAVATION: WIDTH N/Aft., LENGTH		LE HEAD.
		FED no.
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, CO	OMPOST: [], STOCKPILE: [], OTHER [] (exp	olain) Company of the state of
Cubic yards: N/A		
BEDROCK BOTTOM		Chigan Dilly Un
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 belief. I further certify that the $oxtimes oxtimes,$ a general permit $oxdot$, or an alternative OCD-a	ne above-descřibed pit or below-gradě táník pproved plan 🖄 🔆 🔠 🔠 🕦 🕦
Date:08/08/05		
PrintedName/Title Jeff Blagg - P.E. # 11607	Simply C. S.	e ge
Your certification and NMOCD approval of this application/closure does n	_Signature	
otherwise endanger public health or the environment. Nor does it relieve the regulations.	the operator of its responsibility for compliance with an	ny other federal, state, or local laws and/or
Approval:	101	
Printed Name/Title	onature 3	Date: FEB 2 8 2006
Timos Trano Tite	suduic // Jeffer // V	DateD ~ O ~ LUUU

30-045-25304	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	36.72696	× 107.64	133	The state of the s
CLIENT: BP	P.O. BOX	•	OMFIELD	, INC. , NM 87413	LOCATION NO: 81604 COCR NO: 14358
		505) 632	-1199		COCK NO.
FIELD REPOI	RT: PIT CL	OSURE	VERIFI	CATION	PAGE No: of
LOCATION: NAME: VA	NDEWALT B	WELL #: 1	E TYPE:	PRODUCTION	DATE STARTED: 8-4-05 DATE FINISHED: 8-4-05
QUAD/UNIT: H SEC: 14	TWP: Z9N RNG	BW PM: A	M CNTY: SJ	ST: NM	
QTR/FOOTAGE: 1950	FNL× 1425 FEL	CONTRA	ACTOR: P+S	(ALLEN)	SPECIALIST: JCG
EXCAVATION APPR	OX. <u>NA</u> FT. x	_ <u>WA</u> FT. :	x <u> </u>	DEEP. CUBIC	
DISPOSAL FACILITY:				TION METHOD:	CLOSE AS 15
LAND USE: KANGE.	BLM				
FIELD NOTES & REM		ATED APPROXI	MATELY 10	<u>영</u> FT. <u>S</u> 5	FROM WELLHEAD.
DEPTH TO GROUNDWATER:					ACE WATER:
NMOCD RANKING SCORE: _	O NMOCD TPH	CLOSURE STD:	<u>5000</u> pp		
SOIL AND EXCAVA	TION DESCRIPT	ION:		OVM CALIB. REA	$0. = \frac{53.0}{100} \text{ ppm}$ $= \frac{100}{100} \text{ ppm} \qquad RF = 0.52$
				TIME: 0745	am/pm DATE: 8-4-05
SOIL TYPE: SAND SILTY	SAND SILT / SILTY C	CLAY / CLAY / C	GRAVEL / OTHE	R BEDR	ock 05 BG
COHESION (ALL OTHERS): NO					
CONSISTENCY (NON COHESIV	·				
PLASTICITY (CLAYS): NON PL DENSITY (COHESIVE CLAYS &				HIGHLY PLASTIC	
MOISTURE: DRY SLIGHTLY M	OIST MOIST / WET SAT	URATED / SUPER			(CO25D)
DISCOLORATION/STAINING OF HC ODOR DETECTED: YES (N		LANATION	·		
SAMPLE TYPE: GRAB / COMP	_		17		F . D 1
ADDITIONAL COMMENTS:			16 × 10	× 2 Deep.	Earthey Pite Use
BOTTOM			druck s		1705/1 E 00-17 E 1-50-0
00415		FIE	LD 418.1 CALC	ULATIONS	
SCALE	. TIME SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON DI	LUTION READING CALC. (ppm)
O FT					
PIT PERIM	ETER			<u> </u>	PIT PROFILE
\$	LILIX] 0	VM		I II I I I I I I I I I I I I I I I I I
\			DING	_	
	12	SAMPLE ID	FIELD HEADSPACE (ppm)		
		1 @ 2 @			12
) A	3 @ 4 @			
A		5@		2-1	·
	1000	13-Point (W. 4 Pusis)	0.0	1	7 / /
		C 5'			5
				_	
		IARS	AMPLES		
			ALYSIS TIME		EDROCK
			वस ०७७		5 Ayss tung
		TP (P	हास्त्र)	7	/ /
P.D. = PIT DEPRESSION; B.G. = B T.H. = TEST HOLE; ~ = APPROX.;		/			
TRAVEL NOTES		<u>. !</u>	0110177	8/4/0	
CALL	.OUT:		_ ONSITE: _	<u> </u>	



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	3-Pt. Composite	Date Reported:	08-08-05
Laboratory Number:	33957	Date Sampled:	08-04-05
Chain of Custody No:	14358	Date Received:	08-04-05
Sample Matrix:	Soil	Date Extracted:	08-04-05
Preservative:	Cool	Date Analyzed:	08-08-05
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:

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

SW-846, USEPA, December 1996.

Comments:

Vandewart B 1E Prod.

Analyst

Musture m Waeten

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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
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: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-mai	l address:	
Address: 200 ENERGY COURT. FARMINGTON, NM 87410			
	API #: 30-045- 25304 U/L or Qtr/Q	H Sec 14 T 29N R 8W	
County: SAN JUAN Latitude 36.72696 Longitude 10'			
County			
<u>Pit</u>	Below-grade tank		
Type: Drilling Production Disposal SEPARATOR	Volume:bbl-Type-qf-fluid: /		
Workover ☐ Emergency ☐	Construction material:		
Lined Unlined 🗵			
Liner type: Synthetic Thicknessmil Clay			
Pit Volume bbl			
	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) 0	
high water elevation of ground water.)	100 feet or more	(0 points)	
	Y.	(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)	
Distance to surface vertex (horizontal distance to all vertends player	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)	
	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_			
remediation start date and end date. (4) Groundwater encountered: No 🖾 \)			
Attach soil sample results and a diagram of sample locations and excavation		and another sample results. (b)	
Additional Comments: PIT LOCATED APPROXIMATELY	0.4	LI HEAD STATE OF THE PARTY OF T	
PIT EXCAVATION: WIDTH N/Aft., LENGTH	· · · · · · · · · · · · · · · · · · ·	CE HEADS	
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C		18 8 E 200 C	
	OMPOST: [], STOCKPILE: [], OTHER [] (exp	plain) R S CO	
		Very Ollies 2 Property	
BEDROCK BOTTOM			
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			
Data: 08/08/05			
Date: 00/00/05			
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:			
Printed Name/Title Printed Name/Title	Printed Name/Title Printed Name/Title Date: FEB 2 8 2006		

30-045-25304 36.72696 × 107.64133	
BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: 81604 COCR NO: 14358
FIELD REPORT: PIT CLOSURE VERIFICATION	PAGE No: _ U of _ I
QUAD/UNIT: H SEC: 14 TWP: 29N RNG: BW PM: NM CNTY: SJ ST: NM	DATE STARTED: 8-4-05 DATE FINISHED: 8-4-05
QTRIFOOTAGE: 1950 FALX 1425 FEL CONTRACTOR: P+S (ALLEN)	ENVIRONMENTAL SPECIALIST:
EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC	YARDAGE:O
DISPOSAL FACILITY: NA REMEDIATION METHOD:	CLOSE AS 15
LANDUSE: RANGE-BEM LEASE: SF-07850Z FOR	rmation: <u>DK</u>
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 93 FT. SE	
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE:	E WATER:
NMOCD RANKING SCORE: O NMOCD TPH CLOSURE STD: 5000 PPM	<i>20</i>
SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ OVM CALIB. GAS =	. = <u>33.0</u> ppm = <u>100</u> ppm <u>RF = 0.52</u>
TIME: 0745	am/pm DATE: 8-4-05
SOIL TYPE: SAND/SILTY SAND/SILT/SILTY CLAY/CLAY/GRAVEL KOTHER) BEDRUC SOIL COLOR: DAKE BROWN	F SALDSHOLE @ 7 BG
COHESION (ALL OTHERS): NON COHESIVE SLIGHTLY COHESIVE DCOHESIVE / HIGHLY COHESIVE	
CONSISTENCY (NON COHESIVE SOILS): LOOSE FIRM DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC	
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD	(CLOSED)
MOISTURE: DRY (SLIGHTLY MOIST) MOIST WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES NO EXPLANATION - Cray Staining	
HC ODOR DETECTED: (YES) NO EXPLANATION - Moclerate	
SAMPLE TYPE: GRABICOMPOSITE # OF PTS. 3 ADDITIONAL COMMENTS: 18 x3 Deep Early	
BEDROCK BACKNOE + do + st hol- BOTTOM COMPOSIYE Sauple From	r collect
FIELD 418.1 CALCULATIONS	Rodrect.
SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILL	JTION READING CALC. (ppm)
O n FT	NIT DOCELLE
N PIT PERIMETER OVM	PIT PROFILE
READING	
SAMPLE FIELD HEADSPACE ID (ppm)	, e
1 @ 2 @	-18>
3 @ 4 @ 4	1
5@ 3'\	. / [
(2) (2) 18 (33-Roint 133)	7
LAB SAMPLES	
A SAMPLE ANALYSIS TIME 3-POPAT TRAINSTEA 0745	Deock
PASSED	SAMS70-0/
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW	
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	· · · · · · · · · · · · · · · · · · ·
TRAVEL NOTES: CALLOUT ONSITE: 8/4/05	



Client:	į	Blagg / BP	Project #:	94034-010
Sample ID:	1	3-Pt. Composite	Date Reported:	08-08-05
Laboratory Number:	1	33958	Date Sampled:	08-04-05
Chain of Custody No:	1	14358	Date Received:	08-04-05
Sample Matrix:	į	Soil	Date Extracted:	08-04-05
Preservative:	:	Cool	Date Analyzed:	08-08-05
Condition:	i	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	7.0	0.2
Diesel Range (C10 - C28)	2.7	0.1
Total Petroleum Hydrocarbons	9.7	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:

Vandewart B 1E Sep.

Analyst C. Charles

Muster m Walter Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	3-Pt. Composite	Date Reported:	08-08-05
Laboratory Number:	33958	Date Sampled:	08-04-05
Chain of Custody:	14358	Date Received:	08-04-05
Sample Matrix:	Soil	Date Analyzed:	08-08-05
Preservative:	Cool	Date Extracted:	08-04-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

		Det.	·
	Concentration	Limit	
Parameter	(ug/Kg)	(ug/Kg)	
Benzene	ND	2.1	
Toluene	23.6	1.8	
Ethylbenzene	28.1	1.7	
p,m-Xylene	394	1.5	
o-Xylene	83.8	2.2	
Total BTEX	530		

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:

Vandewart B 1E Sep.

Analyst C. Oylen

Misting Walters
Review