<u>District I</u> 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**

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

June 1, 2004

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

### Pit or Below-Grade Tank Registration or Closure

	nk covered by a "general plan"? Yes Moor below-grade tank Closure of a pit or below-g	
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-n	7-11-
Address: 200 ENERGY COURT, FARMINGTON.		mail address:
Facility or well name: VANDEWART A #6A	API #: 30-045- 22811 U/L or Ot	r/Otr I Sec 24 T 29N R 8W
County: SAN JUAN Latitude 36.70891 Longitude 10		Owner Federal ⊠ State ☐ Private ☐ Indian ☐
County		• · · · · · · · · · · · · · · · · · · ·
<u>Pit</u>	Below-grade tank	
Type: Drilling   Production   Disposal   ABANDON	Volume:bbl_Type-of-fluid:	
Workover	Volume:bbl_Type of fluid: Construction materia:	<b>—</b>
Lined  Unlined  Unlined	Double-walled, with teak of tection? Yes I If	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)
,	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)
	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
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(10 points) 0
	Ranking Score (Total Points)	0
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_		
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 excavation		VAC TO THE STATE OF THE STATE O
Additional Comments: PIT LOCATED APPROXIMATEL	<u>y 150 ft. N54W from w</u>	7 7 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
PIT EXCAVATION: WIDTH N/Aft., LENGTH	N/Aft., DEPTH N/Aft.	avalatin) (2 0 2000
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C	COMPOST: , STOCKPILE: , OTHER (	explain) Some 2000 ?
Cubic yards: N/A		
BEDROCK BOTTOM, TPH ANALYSIS WAS COND	UCTED	Fe Got on M
		V.C.
I hereby certify that the information above is true and complete to the best	of my knowledge and belief. I further certify that	t the above-described pit or below-grade tank
has been/will be constructed or closed according to NMOCD guideline	es ⊠, a general permit ∟, or an alternative OCI	D-approved plan M. Coll W. O. O.
Date: 08/04/05		
	5 H. D	
PrintedName/Title Jeff Blagg - P.E. # 11607	Signature	
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 conter the operator of its responsibility for compliance with	nts of the pit or tank contaminate ground water or a any other federal, state, or local laws and/or
Approval:	ignature Bal Ball	FEB 2 8 2006
Printed Name/Title CAL & GAS INSPECTOR, DIST.	ignature (1) the (1)—flf	Date:

ELGADITA MESA	Quab.		30045	22811		36.7	10891/1	07. 62Z98
CLIENT: B	f F			NEERING	•	413	LOCATION NO	B160 1
			(505) 63	2-1199			COCR NO:	
FIELD REPORT: PIT CLOSURE VERIFICATION PAGE No: _/_ of _/_								
LOCATION: NAME							DATE STARTED:	8/4/05
QUAD/UNIT: I							DATE FINISHED:	
QTR/FOOTAGE:						12/	SPECIALIST:	NV
EXCAVATION A								NA
DISPOSAL FACILIT			_				CLOSE ,	
LAND USE: R								
FIELD NOTES &	**** >180	PIT LOC	CATED APPRO	XIMATELY 13	O FT.	NST	<u>₩</u> FROM	WELLHEAD.
NMOCD RANKING SCOP						SURFACI	E WATER	000
SOIL AND EXC		DECORIO	TION ELE	U = 6786	OVM CALIB.	. READ.	= 54.5 ppm	
SOIL AND EXC	CAVATION	DESCRIP	IION:	0. 6,186	OVM CALIB	. GAS =		$Q/_{3}/_{-5}$
SOIL TYPE: SAND	SILTY SAND	/ SILT / SILTY	CLAY / CLAY /	GRAVEL / OTH			m/pm DATE:	0/2/05
SOIL COLOR:					ENCOCK -	V 624	PAUS ORANG	Æ
COHESION (ALL OTHER CONSISTENCY (NON CO					COHESIVE			
PLASTICITY (CLAYS): I	NON PLASTIC /	SLIGHTLY PLAS	TIC / COHESIVE	/ MEDIUM PLASTIC	/ HIGHLY PLAS	STIC		
DENSITY (COHESIVE C MOISTURE: DRY (SLIG							( )	rozeD)
DISCOLORATION/STAIN			PLANATION					
HC ODOR DETECTED: SAMPLE TYPE: GRAB	COMPOSITE - #	OF PTS -			<del></del>			
ADDITIONAL COMMENT	S: COLLECT		f Fram.	TOIL ABOVE	BEDROEK.	NO	TVH ANALYSI.	5 WAS
BOTTOM								
SCALE	SAMP. TIME	SAMP. ID		ELD 418.1 CALC		T		
	SAMP. IIME	SAMP. 1D	LAB NO.	WEIGHT (g)	mL FREON	DILU	TION READING	CALC. (ppm)
0 FT						+		
PIT PE	RIMETE	R RA		<del></del>		PI	T PROFIL	E
				VM ADING				
1			SAMPLE	FIELD HEADSPACE				
13		:H·,	1@ 3	(ppm)				
8612	•	<u> </u>	2 @ 3 @		_			
TIT	i	B.P.D.	4 @ 5 @					
14'	+1		3 @			ハンブ	APPLICE	181E
1/7/	١ ١							
1								
9. D.		vell	1 4 5 0	AMDLEC				
21.5		HEAD	CAMBLE	AMPLES NALYSIS TIME	<u> </u>			
13.G.				- 1015				
					_			
P.D. = PIT DEPRESSION; T.H. = TEST HOLE; ~ = AP			/					
TRAVEL NOTES:	CALLOUT:	8/2/05-	AFTER	ONSITE:	8/3/05	- m	الام	HED.)
	CALLOUT: _	-1-100	··· · · · · · · ·	ONSITE:	-10100	, , , ,	~~. CoC	コマン・

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**

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

1s pit or below-grade tan Type of action: Registration of a pit o	ik covered by a "general plan"? Yes 💹 Nor below-grade tank 🔲 Closure of a pit or below-g	NO∐ grade tank ⊠				
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-1					
Address: 200 ENERGY COURT. FARMINGTON.		mail address:				
Facility or well name: VANDEWART A #6A		tr/Otr I Sec 24 T 29N R 8W				
County: SAN JUAN Latitude 36.70891 Longitude 10		Owner Federal State Private Indian				
County		Owner rotter & state & rivine & internal &				
Pit	Below-grade tank					
Type: Drilling Production Disposal DEHY/SEP	Volume:bb!_Type of fluid: /					
Workover ☐ Emergency ☐	Construction material:	<b>A</b>				
Lined Unlined 🛛	Double-walled, with teak of tection? Yes 1 If	t, 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)				
high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)				
	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)				
	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		-				
your are burying in place) onsite \( \square\) offsite \( \square\) If offsite, name of facility_						
remediation start date and end date. (4) Groundwater encountered: No 🖾		ft. and attach sample results. (5)				
Attach soil sample results and a diagram of sample locations and excavation		0.20				
Additional Comments: PIT LOCATED APPROXIMATEL		/ELL HEAD:				
PIT EXCAVATION: WIDTH N/Aft., LENGTH		or the character of				
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C	OMPOST: $\square$ , STOCKPILE: $\square$ , OTHER $\square$ (	explain)				
Cubic yards: N/A		15 90 Day 1				
BEDROCK BOTTOM						
		\$211 ni 6 80				
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 is ⊠. a general permit □. or an alternative OCI	t the above-described pit or below-grade tank				
Date: 08/09/05						
Date: 00/09/03		!				
PrintedName/Title Jeff Blagg - P.E. # 11607 Signature						
PrintedName/Title SS 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.		in any outer rousing, butter, or room raws miles or				
The state of the s						
Approval: CEPUTY OIL & GAS INSPECTOR, DIST. &						
Printed Name/Title Si	gnature Bh Bh	Date: FEB 2 8 2006				

BLAGG ENGINEERING, INC.  CLIENT: BP P.O. BOX 87, BLOOMFIELD, NM 87413	LOCATION NO:	81601
(505) 632-1199	COCR NO:	13939
FIELD REPORT: PIT CLOSURE VERIFICATION	PAGE No:	/ of/
LOCATION: NAME: VANDEWALT A WELL #: 6A TYPE: DEHY. SEP.	DATE STARTED: DATE FINISHED:	8/3/05
QUAD/UNIT: I SEC: 24 TWP: 290 RNG: 8W PM: NM CNTY: 5J ST: NM QTR/FOOTAGE: 1805 5 145 E NELSE CONTRACTOR: POS (ROLANDER)	ENVIRONMENTAL	NV
EXCAVATION APPROX. NA FT. x NA FT. DEEP. CUBIC	SPECIALIST:	NA
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD:	CL05E	
LAND USE: RANGE - BLM LEASE: SF 07850Z FOR		7/3 /3 NV
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 183 FT. NZZ		
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1,000' NEAREST SURFACE		. 2
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPM		
OVM CALIB. READ.		DF 0.53
SOIL AND EXCAVATION DESCRIPTION. OVM CALIB. GAS =		$\frac{RF = 0.52}{2/95}$
SOIL TYPE: SAND SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEAR SILTY		
SOIL COLOR: LT. TO MED. GRAY BERROCK - LT. TO COHESION (ALL OTHERS): NON COHESIVE SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE	o meo. GRAY	
CONSISTENCY (NON COHESIVE SOILS) LOOSE FIRM DENSE / VERY DENSE		
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC	C	LOSED
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY (SLIGHTLY MOIST) (MOIST) WET / SATURATED / SUPER SATURATED / ,		
DISCOLORATION/STAINING OBSERVED: (ED) NO EXPLANATION - 8ミナルモモン 1.5 - 3 BEWW GRAD	E & BEDROU	k surface.
HC ODOR DETECTED: (YES) NO EXPLANATION - TEST HOLE on SAMPLES.  SAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS.		
ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM SOIL ABOUT BEOR SEX, BEORS		
BEDROCK FRIABLE TO COMPETENT. INSTRUCTED OFFRATOR TO OIL	JE/AEKATE	IMPACTED
FIELD 418.1 CALCULATIONS		
SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILU	TIONREADING	CALC. (ppm)
0 FT		
<b>,</b>	IT DOOF!!	
PIT PERIMETER 1/2 OVM	IT PROFIL	
. READING		
SAMPLE FIELD HEADSPACE ID (ppm)		
1@3 810		į
Z@ 3@		
19 J J J H J J J J J J J J J J J J J J J	_	
/ / / / / / / / / / / / / / / / / / /	APPLICA	BLE
P.D. T.H.		ļ
LAB SAMPLES  SAMPLE ANALYSIS TIME		1
LAB SAMPLES  SAMPLE ANALYSIS TIME  B.P. B.P. TO DE3 TOPH (50158) 1011		
WELL " BLEX (80518) "		)
PASSED		
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		
TRAVEL NOTES: CALLOUT: 8/2/05- AFTER. ONSITE: 8/3/05-MOR	. ~	



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

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	08-09-05
Laboratory Number:	33971	Date Sampled:	08-04-05
Chain of Custody No:	13939	Date Received:	08-04-05
Sample Matrix:	Soil	Date Extracted:	08-05-05
Preservative:	Cool	Date Analyzed:	08-09-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,180	0.2
Diesel Range (C10 - C28)	502	0.1
Total Petroleum Hydrocarbons	1,680	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 A #6A Dehydrator/Separator Pit Grab Sample.

Analyst C. Oglinia

(Mintine M Walter Review



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	08-09-05
Laboratory Number:	33971	Date Sampled:	08-04-05
Chain of Custody:	13939	Date Received:	08-04-05
Sample Matrix:	Soil	Date Analyzed:	08-09-05
Preservative:	Cool	Date Extracted:	08-05-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	967	2.1	
Toluene	3,170	1.8	
Ethylbenzene	2,840	1.7	
p,m-Xylene	15,160	1.5	
o-Xylene	5,030	2.2	
Total BTEX	27,170		

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 A #6A Dehydrator/Separator Pit Grab Sample.

Analyst C. C.

Mistine M Walters
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

# 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 Feoffice

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 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 of	k covered by a "general plan"? Yes ⊠ No   or below-grade tank ☐ Closure of a pit or below-grade	le tank 🛛				
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-mai	Loddwag				
Address: 200 ENERGY COURT, FARMINGTON.		i address:				
Facility or well name: VANDEWART A #6A		tr I Sec 24 T 29N R 8W				
County: SAN JUAN Latitude 36.70891 Longitude 10		vner Federal ⊠ State ☐ Private ☐ Indian ☐				
<u>Pit</u>	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 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 less than 100 feet	(10 points)				
	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) <b>0</b>				
angunon value, uno por a manguno de la composición del composición de la composición	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	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	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 excavation	s.	25252575AL				
Additional Comments: PIT LOCATED APPROXIMATELY	y 159 ft. <b>N24E</b> from wei	LL HEAD.				
PIT EXCAVATION: WIDTH N/Aft., LENGTH	N/Aft., DEPTH N/Aft	R. FER.				
PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: □, C	OMPOST: □, STOCKPILE: □, OTHER □ (exp	olain)				
Cubic yards: N/A		The Man is A.				
BEDROCK BOTTOM		FC 3 M.				
		$\langle \delta b \rangle_{i} = \langle \delta \rangle_{i}$				
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: 08/09/05						
Leff Rlagg - PF # 11607						
PrintedName/Title Jeff Blagg - P.E. # 11607	_Signature	<u></u>				
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 an	of the pit or tank contaminate ground water or ny other federal, state, or local laws and/or				
Approval: DEFAUTY OIL & GAS INSPECTOR, DIST. &	1 01					
Printed Name/Title Si	gnature Boll Fell	Date: FEB 2 8 2006				
J.	With the time	Daic. Cogy				

ς <b>Ο</b>				NEERING	•	LO	CATION NO	81601
CLIENT: BP		P.O. BOX	87, BLO (505) 632		, NIVI 8/4		CR NO:	13939
FIELD REPORT: PIT CLOSURE VERIFICATION PAGE No: _/_ of _/_								
LOCATION: NAME				SA TYPE		·	E STARTED: _ E FINISHED: _	8/3/05
QTR/FOOTAGE: 15							IRONMENTAL CIALIST:	NV
EXCAVATION A							DAGE:	NA
DISPOSAL FACILIT		ONSITE						
LAND USE: L								
FIELD NOTES 8								
DEPTH TO GROUNDWA				<u> 7/000</u>		SURFACE WA	TER:	,000
NMOCD RANKING SCO	RE:	NMOCD TPH	CLOSURE STD:	3,000 PI		DEAD - "	V =	
SOIL AND EXC	CAVATION	I DESCRIPT	ION:		OVM CALIB.	GAS = _/	<i>00</i> ppm	RF = 0.52
								8/2/05
SOIL TYPE: SAND/ SOIL COLOR: V								: J
COHESION (ALL OTHER	RS) NON COL	ESIVE SLIGHTLY	COHESIVE / CO	HESIVE / HIGHLY		24 (3-13)		
CONSISTENCY (NON C PLASTICITY (CLAYS):		•			/ HIGHLY PLAS	TIC		
DENSITY (COHESIVE C					7 HIGHET FEAG	110	( c	LOZED)
MOISTURE: DRY/SLIG DISCOLORATION/STAIN	HTLY MOIST /	MOIST / WET / SA	TURATED / SUPE	R SATURATED ,	u' no	. 0.	/	)
HC ODOR DETECTED: (	VING OBSERVE	LANATION - 0):	COUNTED	5-140 - 3-	y BEWW	GRADE	(tr. To me	ED. GRA7/
SAMPLE TYPE: GRAB	COMPOSITE -	# OF PTS.					000 = 0	7.00
ADDITIONAL COMMENT		-> EONJISI -X - VERY HA.						
BEDROCK	IMPAC	TED SOIL +					, , , , , , , , , , , , , , , , , , ,	
SCALE	CAND TIME	CAMP ID	T	LD 418.1 CALC		lau umios	IDE A DOVO	
	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
0 FT							<u> </u>	
PIT PE	RIMETE	R PN				PITI	ROFIL	.E
	<b>y</b>			VM				
	8		SAMPLE	DING FIELD HEADSPACE	_			
-		BERM	1@ 4	(ppm) 1, 794				
Ţ	-		2 @ 3 @					
5	79	T.H.	4 @					
4.0.		2. p. D.	5 @		-	^.	1011-081	_
~2	PROD.	1 5.5.2			^	76) / <del>/</del> F	pplicabl	て
€. €.	TANK							
					$\dashv$			
4			SAMPLE AN	AMPLES				!
il to		-	Dey TA	NALYSIS TIME (80153) 100				
CABL				X (80218) "	_			
P.D. = PIT DEPRESSION;				ज्डह्य) -				
T.H. = TEST HOLE; ~ = AP TRAVEL NOTES:	PROX.; T.B. = T	ANK BOTTOM			<del></del>	<del> </del>		· · · ·
TRAVEL NOTES.	CALLOUT:	8/2/05-	AFTER.	_ ONSITE:	8/3/0	5 - MO1	zv. (s	34ED.)



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

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	08-09-05
Laboratory Number:	33970	Date Sampled:	08-04-05
Chain of Custody No:	13939	Date Received:	08-04-05
Sample Matrix:	Soil	Date Extracted:	08-05-05
Preservative:	Cool	Date Analyzed:	08-09-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,380	0.2
Diesel Range (C10 - C28)	288	0.1
Total Petroleum Hydrocarbons	2,670	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 A #6A Production Tank Pit Grab Sample.

Analyst Cylins

Review Whates



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	08-09-05
Laboratory Number:	33970	Date Sampled:	08-04-05
Chain of Custody:	13939	Date Received:	08-04-05
Sample Matrix:	Soil	Date Analyzed:	08-09-05
Preservative:	Cool	Date Extracted:	08-05-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	823	2.1	
Toluene	2,670	1.8	
Ethylbenzene	879	1.7	
p,m-Xylene	19,020	1.5	
o-Xylene	5,390	2.2	
Total BTEX	28,780		

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:

Vandewart A #6A Production Tank Pit Grab Sample.

Analyst C. Cayler

Mistine m Walters
Review