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

Form C-144

June 1, 2004

office

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

Type of action: Registration of a pit or below-grade tank 🔲 Closure of a pit or below-grade tank 🔀					
Operator: BP America Production Company Telephon	e: (505)326-9200 e-mail address:				
Address: 200 Energy Ct, Farmington, NM 87401					
Facility or well name: CASE B 4A API #:	30-045-23191 U/L or Qtr/Qtr H	Sec_10 T SIN R IIW			
County: San Juan Latitude	Longitude	NAD: 1927 🗌 1983 🔲			
Surface Owner: Federal  State  Private  Indian					
Pit	Below-grade tank				
Type: Drilling Production X Disposal					
Workover	Construction material:				
Lined Unlined	Double-walled, with leak detection? Yes  If not, 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)			
	50 feet or more, but less than 100 feet	(10 points)			
high water elevation of ground water.)	100 feet or more	( 0 points)			
	V	(20 i)			
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)			
	Too lest of more	( o points)			
	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) Indica	te disposal location: (check the onsite box if			
your are burying in place) onsite  If offsite, name of facility					
remediation start date and end date. (4) Groundwater encountered: No Tyes If yes, show depth below ground surface					
		it. and attach sample results.			
(5) Attach soil sample results and a diagram of sample locations and excavations.					
Additional Comments:					
See Attached Documentation					
I hereby certify that the information above is true and complete to the best	of my knowledge and belief. I further certify that th	e above-described pit or below-grade tank			
has been/will be constructed or closed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .					
Date:					
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:					
Caruly On a Gas inserting over	Signature Trush De	Date DEC 1 6 2005			
Printed Name/Title		Date. So I V ZVUS			

20F2

CLIENT: BP P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199  COCR NO: 1/365  FIELD REPORT: PIT CLOSURE VERIFICATION  PAGE NO: 1 of 1  LOCATION: NAME CASE B WELL 4A TYPE BLOW  QUADIUMT: A sec: 18 TWP-3/N RIGH IW PIN MATHY 3.5 ST MM  QUADIUMT: A sec: 18 TWP-3/N RIGH IW PIN MATHY 3.5 ST MM  QUENTION APPROX. 12 FT. x 12 FT. x 2 FT. DEEP: CUBIC VARDAGE: Q  DISPOSAL FACILITY: AND USE: RAMANCS: PIT LOCATED APPROXIMATELY (H) FT. NZ1 FROM WELLHEAD.  DEPTH TO GROUNDWATER: 100 NEAREST WATER SOURCE 21000 NEAREST SUPPORT  SOIL AND EXCAVATION DESCRIPTION: OVA CALIB READ = \$7.3 SW PROM WELLHEAD.  DEPTH TO GROUNDWATER: 100 NEAREST WATER SOURCE 21000 NEAREST SUPPORT  SOIL AND EXCAVATION DESCRIPTION: OVA CALIB READ = \$7.3 SW PROM WELLHEAD.  SOIL TYPE: (SAMD) SILTY SAND / SILTY SILTY CLAY / CLAY / GRAVEL / OTHER BEDDICK = \$5.0 C B BC  CONSISTENCY (NON CORSINE SOURS): (DOSE) FRAM DENSE / VERY DENSE  PLASTICITY (CLAYS): NON PLASTIC / SILGHTY PLASTIC CORRESSIVE FINANCE ORDERS PRAINTAGE DISCOLDATION PLASTIC HIGHLY PLASTIC  DENSITY (COHESING SOURS): SOUTH FRAM STIPF / VERY STIPF / HARD  MOSTUME: ONLY SIGNIFITY MOST JAMPING DESERVED VESS (BO) EXPLANATION.  CONSISTENCE ONLY SIGNIFITY MOST JAMPING DESERVED VESS (BO) EXPLANATION.  SAMPLE TYPE (GRAP COMPOSITE : SOFT / FRAM STIPF / VERY STIPF / HARD  MOSTUME: ONLY SIGNIFITY MOST JAMPING DESERVED VESS (BO) EXPLANATION.  SAMPLE TYPE (GRAP COMPOSITE : SOFT / FRAM STIPF / VERY STIPF / HARD  MOSTUME: ONLY SIGNIFITY MOST JAMPING DESERVED VESS (BO) EXPLANATION.  SAMPLE TYPE (GRAP COMPOSITE : SOFT / FRAM STIPF / VERY STIPF / HARD  MOSTUME: ONLY SIGNIFITY MOST JAMPING DESERVED VESS (BO) EXPLANATION.  SAMPLE TYPE (GRAP COMPOSITE : SOFT / FRAM STIPF / VERY STIPF / HARD  MOSTUME: ONLY SIGNIFITY MOST JAMPING DESERVED VESS (BO) EXPLANATION.  FIELD 418: CALCULATIONS  SAMPLE TYPE (GRAP COMPOSITE : SOFT / FRAM STIPF / VERY STIPF	R				NEERING	•	LOC	ATION NO:	B1290
DOCATION: NAME CASE B WELL 4 A TYPE BOW ONTESTARTED 9-29-03 ONTEST	CLIENT: U			•		, NM 874	i i	R NO:	11365
QUADRINIT M SEC: 13 TWP 3 M PRO CITY ST NAM OTREGOTAGE: 1450 M 175 E SENE CONTRACTOR: HD (MESEL)  EXCAVATION APPROX. 12 FT. x (2 FT. x 6 FT. DEEP, CUBIC YARDAGE: C)  DISPOSAL FACILITY: WARREST SUPPOSED FORMATION: METHOD: CLOSE AS: IS  LEAND USE: RANGE - BLM LEASE: SF O 78095 FORMATION: METHOD: CLOSE AS: IS  LEAND USE: RANGE - BLM LEASE: SF O 78095 FORMATION: METHOD: CLOSE AS: IS  PILLAD USE: RANGE - BLM LEASE: SF O 78095 FORMATION: METHOD: METHOD: MEAREST SURFACE WATER: DIOQUINOWATER: DIOQUINOWAT	FIELD RE	PORT:	PIT CL	OSURE	VERIF	CATIO			
QUADUNITY MEEC 18 TWP SIA RING (IW PM. AM CHT) SJ ST. AM  QITUPOOTAGE 1475 N/175 S SING CONTRACTOR. HD (HEZEK)  EXCAVATION APPROX. 12 FT. x 12 FT. x 6 FT. DEEP. CUBIC YARDAGE:  DISPOSAL FACILITY:  WA REMEDIATION METHOD:  LEASE: SP 078095 FORMATION: FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 141 FT. N21 W FROM WELLHEAD. DEPTH TO GROUNDWATER: PIOLO ROLARS WATER SOURCE:  ON MOCCO PRINKING SCORE:  NIMOCO PHOLOSURE STD.  SOIL AND EXCAVATION DESCRIPTION:  SOIL TYPE: GAND) SILTY SAND / SILTY (CLAY / CLAY / CLAY / GRAVEL / OTHER  SOIL TYPE: GAND) SILTY SAND / SILTY SILTY CLAY / CLAY / GRAVEL / OTHER  SOIL CLORE:  ON MICHIES WE SOURS: CONSISTENCY NON CONESIVE SOURS! (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  CONSISTENCY NON CONESIVE SOURS! (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING PLASTIC!  DENSITY (CONESIVE SOURS) (SOSE) FIRM / DENSE / MERCH YERDING / MERC	LOCATION: NAME	CASE	B	WELL#:	니A TYPE	Beon	<del></del> 1		
SCIL TYPE: SAND SILTY SAND / SILT / SILTY CLAY / CLAY / CRAYE / HIGHLY COHESIVE / SAND RATE / SOUTH CONSISTENCY (NON PLASTIC / SUGIETY (CLAYS): NON PLASTIC / SUGIETY / CATURE / DATE / SANDER TYPE (SAND SILTY SAND / WET / WET / SANDER TYPE (SAND SILTY SAND / WET /	QUAD/UNIT: H &	SEC: 18 T	WP:3/1/ RNC	3: 1 (W PM:	NM CNTY: S.	J ST: NP	\ <del> </del>		9-29-03
EXCAVATION APPROX. 12 FT. x 12 FT. x 6 FT. DEEP, CUBIC YARDAGE: ODISPOSAL FACILITY: MA REMEDIATION METHOD: COPE AS IS LAND USE: RANGE - BUT LEASE: SF O 78095 FORMATION: PC MV PIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 141 FT. N214W FROM WELLHEAD.  DEPTH TO GROUNDWATER: 2100 NEAREST WATER SOURCE: 21000 NEAREST SURFACE WATER: 21000 PPM  SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ. = 57.37 ppm OVM CALIB. GAS = 1000 ppm OVM CALI	QTR/FOOTAGE: /	1450'N/1	175€ €	SEHE CONTE	RACTOR: HD (	HEBER)			ICS
LAND USE: RANGE - SUM LEASE: SFO 78095 FORMATION: PC/MV  FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 1/11 FT. N21°W FROM WELLHEAD.  DEPTH TO GROUNDWATER: 2100 NEAREST WATER SOURCE: 21000 NEAREST SURFACE WATER: 21000 NEAREST WATER SOURCE: 21000 NEAREST SURFACE WATER: 21000 NMCOCD PMCOCD RANKING SCORE: 0 NMCOCD TPH CLOSURE STD: SOUD PPM  SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ: 57. 7 ppm OVM CALIB. READ: 57. 7 ppm OVM CALIB. READ: 57. 7 ppm OVM CALIB. READ: 50. 1000 PPM  SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ: 57. 7 ppm OVM CALIB. RE				12 FT.	x_ 6 FT	. DEEP. CL	BIC YARD	AGE:	$\circ$
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY (4) FT. N21 FROM WELLHEAD.  DEPTH TO GROUNDWATER: 2100 NEAREST WATER SOURCE: 71000 NEAREST SURFACE WATER: 21000 NAMED THAT TO SURFACE WATER: 21000 NAMED THAT THAT THAT THAT THAT THAT THAT THA	DISPOSAL FACILIT	ΓY:	NA		REMEDIA	TION METHO	DD: <u>4</u>	CLUSE A	ts 15
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY (4) FT. N21 FROM WELLHEAD.  DEPTH TO GROUNDWATER: 2100 NEAREST WATER SOURCE: 71000 NEAREST SURFACE WATER: 21000 NAMED THAT TO SURFACE WATER: 21000 NAMED THAT THAT THAT THAT THAT THAT THAT THA	LAND USE: RA	WGE -1	sum_	LEASE: 51	-07809	5	FORMAT	ION: P	MV
NMOCD RANKING SCORE:  NMOCD TPH CLOSURE STD: SDD PPM  SOIL AND EXCAVATION DESCRIPTION:  OVM CALIB READ. = 57.3 ppm OVM CALIB GAS = 100 ppm RE = 0.82  OVM CALIB GAS = 100 ppm RE = 0.82  SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER  SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER  COHESION (ALL OTHERS): (ON COHESIVE) SLIGHTLY COHESIVE / CHESIVE / HIGHLY COHESIVE  CONSISTENCY (NON COHESIVE SOILS): (OOSE) FIRM / DENSE / VERY OBENSE  PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / HIGHLY PLASTIC  DENSITY (COHESIVE SHOPH-SALTS): SOIT / FIRM STEEP / VERY STEEP / HARD  MOISTURE: DRY (SLIGHTLY MOIST) MOIST / WET / SATURATED / SUPER SATURATED  DISCOLORATION/SIANING OBSERVED: YES (ID)  SAMPLE TYPE (GRAPH COMPOSITE: 40 FTS.  SAMPLE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILLUTION READING CALC. (ppm)  O								FROM	WELLHEAD.
SOIL AND EXCAVATION DESCRIPTION:  OVM CALIB. READ. = \$\frac{57.3}{\text{Dumpm}} \ \text{ppm} \ \text{OVM CALIB. READ. = \$\frac{57.3}{\text{Dumpm}} \ \text{ppm} \ \text{ONT COMMANDE SILTY SAND / SILTY CLAY / CLAY / GRAVEL / OTHER \text{DED/OCL_55.0} \text{DED/OCL_55.0} \text{Demonstrates} \ \text{7 \cdot Post ONT COMESIVE SOILS (SILTY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE) SUGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE) SOIL (SILD) \text{ED/OCL_55.0} COMBSITENCY (NON COHESIVE) SOIL (SILD) REASTIC / HIGHLY PLASTIC COHESIVE / HIGHLY PLASTIC COHESIVE / HIGHLY C	DEPTH TO GROUNDWA	ATER: >10	NEAREST W	ATER SOURCE:	>1000	NEAREST'S	URFACE WAT	TER: _>(	000
SOIL AND EXCAVATION DESCRIPTION:  OWM CALLS AS = TOU ppm PR = 0.52 TIME: 10.35 sampm DATE: 9.75-03  SOIL TYPE: (SAND) SILTY SAND / SILTY CLAY / CLAY / CLAY / CRAYEL / OTHER  SOIL COORS  COHESING / SILTY SAND / SILTY CLAY / CLAY / CLAY / CRAYEL / OTHER  SOIL COORS  COHESING / SILTY SAND / SILTY COHESINE / COHESINE / HIGHLY COHESINE  COHESION (ALL OTHERS): (ON COHESINE) SUIGHTLY COHESINE / COHESINE / HIGHLY COHESINE  COHESION (ALL OTHERS): (ON COHESINE) SUIGHTLY COHESINE / HIGHLY COHESINE  COHESION (ALL OTHERS): (ON COHESINE) SUIGHTLY PLASTIC / COHESINE / HIGHLY PLASTIC  DENSITY (COHESINE SOILS): (OSE) FIRM / STIFF / VERY STIFF / HARD  MOISTURE: DRY (SLICHTLY MOIST AWAY) THEY / SATURATED / SUPER SATURATED  DISCOLORATIONSTAINING OBSERVED: YES (SO) EXPLANATION:  HIGH COMMENTS: SALTE / DISCOLORATIONSTAIN OBSERVED / SES (SO) EXPLANATION:  SAMPLE TYPE (GRAB/ COMPOSTE: - OF TISS  ADDITIONAL COMMENTS: SALTE / DISCOLORATIONSTAIN OBSERVED / SES (SO) EXPLANATION:  SCALE  SAMP. TIME SAMP. ID LAB NO. WEIGHT (B) IN FREON DILUTION READING CALC. (ppm)  OF FT  N PIT PERIMETER  OVM  RE -0.52  BED ROCK  SAMPLE   FIELD HEADSPACE	NMOCD RANKING SCO	RE: O	NMOCD TPH	CLOSURE STD:	<u>5000</u> pr	РМ			
SOIL COLOR:  CONESION (ALL OTHERS): (ON COMESIVE) SLIGHTLY CLAY / CRAY / COHESIVE / HIGHLY COHESIVE  CONSISTENCY (NON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE  CONSISTENCY (NON COHESIVE) SOILS: (OOSE) FIRM / DENSE / VERY DENSE  PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / HIGHLY PLASTIC /  PLASTICY (LOURS): COHESIVE-AD-SULTS): SOFT / FIRM / STIFF / VERY STIFF / HARD  MOISTURE: DRY (SLIGHTLY MOIST) MOIST / WET / SATURATED / SUPER SATURATED  DISCOLORATION/STAINING OBSERVED: YES (AO) EXPLANATION -  HC ODOR DETECTED-YES / HOF EXPLANATION -  SAMPLE TYPE (GRAPH COMESITE: & OF PTS.  ADDITIONAL COMMENTS: SAMPLE (D) X (L) X 3 EARTHEN PIT. NO EVIDENCE of USE.  SAMPLE TYPE (GRAPH COMESITE: & OF PTS.  ADDITIONAL COMMENTS: SAMPLE (D) X (L) X 3 EARTHEN PIT. NO EVIDENCE of USE.  SCALE  SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)  O	SOIL AND EXC	CAVATION	1 DESCRIPT	ION:		OVM CALIB.	GAS = <u>//</u>	ppm	$\frac{RF = 0.52}{2 \cdot 7C \cdot 7}$
SOIL COLOR:  COMESION (ALL OTHERS): (ON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE  CONSISTENCY (NON COHESIVE SOILS): (OOSE) FIRM / DENSE / VERY DENSE  PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / HIGHLY PLASTIC  DENSITY (COHESIVE-CHAYG-SLIT)S: SOFT / FIRM / STRIP / VERY STIFF / HARD  MOISTURE: DRY (SLIGHTLY MOIST MOIST) MOIST / WET / SATURATED / SUPER SATURATED  DISCOLORATION-STAINING OBSERVED: YES (MO EXPLANATION -  HC ODOR DETECTED-YES (MV EXPLANATION -  SAMPLE TYPE (GRAP COMPOSITE # 0 F PTS ADOTTONAL COMMENTS -  SAMPLE TYPE (GRAP COMPOSITE # 0 F PTS ADOTTONAL COMMENTS -  SCALE  SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)  O	SOU TYPE (SAND)	SILTY SANE	Y 211 T / SII TY (	CLAY / CLAY /	GRAVEL / OTH				· RL
CONSISTENCY (NON COHESIVE SOILS): (COSE) PIRMY DENSEY VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE-OLAYS): NON PLASTIC / SLIGHTLY PLASTIC / SUPERISTIC / HIGHLY PLASTIC DENSITY (COHESIVE-OLAYS): NON PLASTIC / SLIGHTLY MOIST DENSITY (SOIT / SET MOIST / STUTIATED DISCOLORATION STAINING OBSERVED: YES (MO EXPLANATION - HC ODOR DETECTED: YES / NO EXPLANATION - SAMPLE TYPE: (Sparation - SAMPLE TYPE: (Sparation - SAMPLE TYPE: (Sparation - SAMPLE TYPE: (Sparation - SAMPLE TYPE) (Sparation	SOIL COLOR:							) <u> </u>	<i>DG</i>
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COMESNE / MEDIUM PLASTIC / HIGHLY PLASTIC  DENSITY (COMESIVE_CHAYS SLITS): SOFT / FIRM STIFF / VERY STIFF / HARD  MOISTURE: DRY (SLIGHTLY MOIST) MODIST / WET / SATURATED / SUPER SATURATED  DISCOLORATION/STAINING OBSERVED: YES / MO) ZEPLANATION -  HC ODOR DETECTED: YES / MO ZEPLANATION -  SAMPLE TYPE: (GRAB COMPOSITE: # OF PTS ADDITIONAL COMMENTS: SAMPLE TOP: TO PLAY TO SET STEEL YOUR TO SET STEEL YOU TO SET STEEL YOUR TO SET STEEL YOU THE YOUR TO SET STEEL YOU TO SET STEEL YOU THE YOUR TO SET STEEL YOU THE YOU THE YOUR TO SET STEEL YOU THE YOU THE YOU THE YOUR TO SET STEEL YOU THE YOU T	•					COHESIVE			
MOISTURE: DRY (SLIGHTLY MOIST) MOIST) MOIST WET I SATURATED I SUPER SATURATED DISCOLORATIONISTAINING OBSERVED: YES (M) EXPLANATION.  HA CODOR DETECTED-YES (NO EXPLANATION.  SAMPLE TYPE: (GRAPH COMPOSITE: # OF PTS.  ADDITIONAL COMMENTS: SAMAL 10 X 10 X 2 EARTHEN PIT. NO EVIDENCE of USE.  BEDROOF EXPAND TO 12 X 12 X 6 DEPP TO SET STEEL TAILED INC.  SCALE  SCALE  SAMP. TIME SAMP. ID LAB NO. WEIGHT (B) mL FREON DILUTION READING CALC. (ppm)  Of FT  N PIT PERIMETER  PIT PROFILE  OVM  READING  SAMPLE I FIELD HEADSPACE 10 (ppm)  1 @ 6 0.00  2 @ 3 @ 4 @ 6  5 @ 3 MPLE ANALYSIS TIME  DED ROCK  SAMPLE ANALYSIS TIME  DED ROCK  SAMD STAME  BED ROCK  SAMD STAME  BED ROCK  SAMD STAME  THE INSTITUTE SAMD STAME  THE INSTITUTE SAMD STAME  BED ROCK  SAMD STAME  SAMD STAME  SAMD STAME						/ HIGHLY PLASTI	С		
DISCOLORATIONISTAINING OBSERVED: YES (NO) EXPLANATION.  HC ODOR DETECTION YES IND EXPLANATION.  SAMPLE TYPE (GRAP COMPOSITE: FOF PTS.  ADDITIONAL COMMENTS:  SCALE  SCALE  SAMP. TIME SAMP. ID LAB NO. WEIGHT (8) mL FREON DILUTION READING CALC. (ppm)  Of FT  N PIT PERIMETER  OVM  READING  SAMPLE FIELD HADSPACE (ppm)  1 @ 6 O. 0  2 @ 3 @ 4 @ 4 @ 4  5 @ A A A A A A A A A A A A A A A A A A								Ci	
SAMPLE SAMPLE PIT PROFILE  OVM READING SAMPLE FIELD HEADSPACE  OVM READING SAMPLE  A 12  A 12  A 12  BEORGER  SAMPLES  BEORGER  FIELD 418.1 CALCULATIONS  SCALE  SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)  O ↑ FT  N PIT PERIMETER  OVM READING SAMPLE FIELD HEADSPACE 10  10  10  A 12  A 12  BEORGER  BEORGER  A 12  BEORGER  BEORGER  BEORGER  BEORGER  SAMPLE SAMP					R SATURATED			$\mathcal{G}$	0.260)
ADDITIONAL COMMENTS:  SCALE  SENTENCE  SOTIONAL  SCALE  SAMP. TIME SAMP. ID  LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)  O	HC ODOR DETECTED.	YES I NO EXP	LANATION -						
BEDRORD  FIELD 418.1 CALCULATIONS  SCALE  SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)  O	SAMPLE TYPE: (GRAP- ADDITIONAL COMMENT	1 COMPOSITE - rs: <u>SM</u> #2	LIVXII	7' × 3 <u>' (</u>	EARTHEN	PiT. No	EVIDE	NCE of	USE.
FIELD 418.1 CALCULATIONS  SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)  O	BEORDER		I sot and	2-212-2	6" Deap	to set	Steel.	tant i	we.
SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)  O	9011011			FII	ELD 418 1 CALC	I II ATIONS	<del></del>		
DIT PERIMETER  OVM  READING  SAMPLE FIELD HEADSPACE (ppm)  1@ 6 0.0  2@ 3@ 4@  5@ 12'  A  LAB SAMPLES  SAMPLES  SAMPLES  SAMPLE ANALYSIS TIME  DED THAT 1205  BEDROCK  SAMD STUNE  THEST HOLE: APPROX; T.B. = TANK BOTTOM	SCALE	SAMP. TIMI	SAMP. ID		T		DILUTION	READING	CALC. (ppm)
PIT PERIMETER  OVM  READING  SAMPLE FIELD HEADSPACE (ppm)  1@ 6 0.0  2@ 3@ 6  4@ 6  5@ 12'  A  LAB SAMPLES  SAMPLE ANALYSIS TIME  DEG TIME 1/20S  BEDROCK  S AND STUNK  THEST HOLE: APPROX; T.B. = TANK BOTTOM			7		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				C/LDC. (pp)
OVM READING SAMPLE   FIELD HEADSPACE (ppm)  1@ 6' 0.0 2@ 3@ 3@ 4@ 60 4 @ 5@ 60  LAB SAMPLES SAMPLE   ANALYSIS   TIME   DED   TIME   1205  BED ROCK SAMPLE   SAMD STURE	0 1, FT								
READING  SAMPLE FIELD HEADSPACE (PPM)  1@ 6 0 0  2@ 3@ 4@ 12'  LAB SAMPLES  SAMPLE ANALYSIS TIME  Delo Trim 120S  BED ROCK  SAMD STUNK  THE TEST HOLE: ~ = APPROX.; T.B. = TANK BOTTOM	N PIT PE	RIMETE	R				PITF	PROFIL	E
A 12'  A 12'  LAB SAMPLES  SAMPLE ANALYSIS TIME  DED TMM 1205  BED ROCK  SAMPLES AND STIME  TH. = TEST HOLE; ~= APPROX.; T.B. = TANK BOTTOM	1 /	_		ſ					
A 12'  A 12'  BEDROCK  SAMPLES  SAMPLE ANALYSIS TIME  DEG TRY 1205  BEDROCK  SAMDSTIME  TH. = TEST HOLE; ~= APPROX.; T.B. = TANK BOTTOM	' -	- 12'-	<del>&gt;</del>	SAMPLE	FIELD HEADSPACE	-		, bel	PIT
A 12'  A 12'  BEDROCK  SAMPLES  SAMPLE ANALYSIS TIME  DEG TRY 1205  BEDROCK  SAMDSTIME  TH. = TEST HOLE; ~= APPROX.; T.B. = TANK BOTTOM	1					_	∂ <sup>F</sup>	2161212	
A 12'  A 12'  LAB SAMPLES  SAMPLE ANALYSIS TIME  DED ROCK  SHELD WARDE, B = BELOW  J.H. = TEST HOLE; ~= APPROX; T.B. = TANK BOTTOM  THAT IS A PROMISE AND STUNE  THAT IS A PAPER OX, T.B. = TANK BOTTOM	l l						/		
LAB SAMPLES  SAMPLE ANALYSIS TIME  DEG THE 1205  BEDROCK  SAND STUNE  THAT TEST HOLE: ~ = APPROX.; T.B. = TANK BOTTOM		<b>₽</b>		4@		_		<b>a</b> (	
LAB SAMPLES  SAMPLE ANALYSIS TIME  DEG THE 1205  BEDROCK  SANDSTONE  THE TEST HOLE: ~ = APPROX.; T.B. = TANK BOTTOM  TO A STONE  TO A STONE  TO A STONE  SANDSTONE  TO A STONE	A 12'	$\boldsymbol{\varnothing}$	A	5@			1	7	$\rightarrow$ A
LAB SAMPLES  SAMPLE ANALYSIS TIME  DEG THE 1205  BEDROCE  SANDSTUNE  THE TEST HOLE: ~ = APPROX.; T.B. = TANK BOTTOM	1 ) (		1			AAA			1
LAB SAMPLES  SAMPLE ANALYSIS TIME  DEG THE 1205  BEDROCE  SANDSTUNE  THE TEST HOLE: ~ = APPROX.; T.B. = TANK BOTTOM						7 ,.1 1	\		
PASSED  3.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW  T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM  T.D. AVEL NOTE:						- 6			
PASSED  3.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW  T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM  T.D. AVEL NOTE:									
2.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW  J.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM  T.D. AVEL NOTE:	Í			Ar Ar			///	7//	//
2.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW  T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM  T.D.A.(F.) NOTE:		1 70	(			2	REND	ONFE	,
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		& WE	<u>ال</u>		2250				si <b> 15</b>
TRAVEL NOTES: CALLOUT: 9/29/03 ONSITE: 9/29/03 1150				/		=	Ċ	) AND DI	UNIC
' '	TRAVEL NOTES:	CALLOUT:	9/29/03		ONSITE: _	7/29/03	115	0	

revised: 09/04/02



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

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow #1 @ 6'	Date Reported:	09-30-03
Laboratory Number:	26733	Date Sampled:	09-29-03
Chain of Custody No:	11365	Date Received:	09-29-03
Sample Matrix:	Soil	Date Extracted:	09-29-03
Preservative:	Cool	Date Analyzed:	09-30-03
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:

Case B #4A.

Analyst C. Cepum

Mistine m Walters
Review