District I: District I: District II:

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. BOX 2088

SANTA FE, NEW MEXICO 87504-2088

SUBMIT I COPY TO
APPROPRIATE
DISTRICT OFFICE
AND I COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30 045-06919	C/2 p2 ci al USILI
Operator: BP AMERICA PRODUC	TION CO. Telephone: (505) 326-9200
Address: 200 ENERGY COURT, Facility or Well Name:	
Location: Unit or Qtr/Qtr Sec	Sec 4 T27N R12W County San Juan
Pit Type: Separator Dehydrator_	Other
Land Type: BLM X, State	Fee, Other
	wellhead X, other
	m reference: 117
Direction f	om reference: Degrees East North of West South
Depth To Groundwater:	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points) 0
in illhead Protection Area: (Le. 1912 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes (20 points) No (0 points)
Di lance To Surface Water: (Herizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
	RANKING SCORE (TOTAL POINTS):0_
re-3 ed: 03/11/02	halannd

Sep

Date Remediation Starte	d:	Da	te Completed: 1 -	1-03	
emediation Method:	Excavation X	Ap	prox. cubic yards	NA	
Check all appropriate ections)	Landfarmed	Ins	situ Bioremediation	<u> </u>	
	OtherCLO	SE AS IS.			
Remediation Location: .e. landfarmed onsite, ame and location of (Isite facility)		·			
General Description of 1	Remedial Action:	Excavation, Test ho	le advanced. No rer	nediation necessary.	
		1			
Groundwater Encounter	ed: No X	Yes Depth			
Final Pit S: Closure Sampling: (If multiple samples,	ample locationsee	Attached Documents			
· . • . • . ·	ample depth	(Test	(Test hole bottom)		
	ample date		ample time 1305		
	ample Results	1			
s	oil: Benzene	(ppm)	Water: Benzene	(ppb)	
	Total BTEX	(ppm)	Toluene	(ppb)	
•	Field Headspace	(ppm) <u>0.0</u>	Ethylbenz	ene (ppb)	
	TPH	(ppm) <u>ND</u>	Total Xyl	enes (ppb)	
Groundwater Sample:	Yes	No <u>X</u>	(If yes, attach sa	ample results)	
I HEREBY CERTIFY I KNOWLEDGE AND B	HAT THE INFORMA ELIEF	TION ABOVE IS TRU	UE AND COMPLETE	TO THE BEST OF MY	
DATE 11-11-03	>	PRINTED NAME _	Jeffrey C. Blagg		
SIGNATURE			Jeffrey C. Blagg President P.I		

CLENT: SIP. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 COCR NO: 11553 FIELD REPORT: PIT CLOSURE VERIFICATION PAGE NO:	7.0				NEERING	-		CATION NO:	B1305
FIELD REPORT: PIT CLOSURE VERIFICATION PAGE NO:	CLIENT: 151	P.O. BOX 87, BLOOMFIELD, NM 87413				OCR NO:	11553		
LOCATION: NAME: GCU WELL 178 TYPE: SZP QUADUUNT: D SEC: 4 TWP: 27 N PNR: 12 W PM NA CNTY: SJ ST. JAM QTRFOOTAGE: 970/970 W JUND: CONTRACTOR SIERER (CALVA) QTRFOOTAGE: 970/970 W JUND: CONTRACTOR SIERER (CALVA) SPECIALIST: JC J EXCAVATION APPROX. 12 FT. x 12 FT. x 3 FT. DEEP. CUBIC YARDAGE: JR SPECIALIST: JC J EXCAVATION APPROX. 12 FT. x 12 FT. x 3 FT. DEEP. CUBIC YARDAGE: JR SPECIALIST: JC J EXCAVATION APPROX. 12 FT. x 12 FT. x 7 FT. DEEP. CUBIC YARDAGE: JR SPECIALIST: JC J EXCAVATION APPROX. 12 FT. x 12 FT. x 7 FT. DEEP. CUBIC YARDAGE: JR SPECIALIST: JC J EXCAVATION APPROX. 12 FT. x 12 FT. x 7 FT. DEEP. CUBIC YARDAGE: JR SPECIALIST: JC J EXCAVATION APPROX. 12 FT. x 12 FT. x 17 FT. X 17 FT. SPECIALIST: JC J EXCAVATION APPROX. 12 FT. x 12 FT. x 17 F									
QUADUNITY D SEC 4 TWP 27N RISC 12W PIK N/M CNITY S.J. ST. N/M QTRIFOOTAGE: 990/N 990/W NW N/M CNITRACTOR. SIGERA (CALVIN) EXCAVATION APPROX. /2 FT. x /2 FT. x 3 FT. DEEP. CUBIC YARDAGE: MA DISPOSAL FACILITY: NA LEASE: N/M 2 LEASE: N/M 27 S 391C. FORMATION: DK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 117 FT. N/M 26 FROM WELLHEAD. DEPTH TO GROUNDWAYER: ZIU NEAREST WATER SOURCE: Z/W NA NAMOCD RANKING SCORE: NMOCD THE CLOSURE STD: STUDY PPM SOIL AND EXCAVATION DESCRIPTION: OVER ALIBERT SUBJECT STORY PPM SOIL AND EXCAVATION DESCRIPTION: OVER ALIBERT SUBJECT	FIELD RE	PORT:	PIT CL	OSURE	VERIFI	CATIO	N PA	GE No:	of <u> </u>
QUADUNIT: D SEC: H TWP: CIN RIG. 12 PM: NIC CNTY: S. SEC. OTRIFOOTAGE: 990/1970/10 Nullivin) CONTRACTOR: SIECHA (CALVIN) EXCAVATION APPROX. 12 FT. x 12 FT. x 3 FT. DEEP. CUBIC YARDAGE: EXCAVATION APPROX. 12 FT. x 12 FT. x 3 FT. DEEP. CUBIC YARDAGE: AMA DISPOSAL FACILITY: NA IEASE: MMO 78 391C FORMATION: DK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 117 FT. M 78 F FROM WELLHEAD. DEPTH TO GROUNDWATER: 2700 NEAREST WATER SOURCE: 2700 NEAREST SURFACE WATER: 7100 NMCD RANKING SCORE: O NMCOT THE CLOSURE STD: 500 PM SOIL AND EXCAVATION DESCRIPTION: SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: (SANP) SILTY SAND / SILTY SILTY CLAY / CLAY / GRAVEL / OTHERS SOIL CORESIVE ALIAS: NON PASTASTIC / SILGHTLY TRASTIC / COHESIVE / HIGHLY COHESIVE COHESIVE / HIGHLY PLASTIC COHESION FALL OTHERS): GON COHESIVE SILGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE COHESIVE / SILGHTLY MASTER / CHARGE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE SILGHTLY SATURATED SURFER SATURATED DISCOLORATIONSTAINING DESERVED: YES / GO EXPLANATION. BENEFIT (COHESIVE CLAYS & SILTS): SOFT / FRIM STHE / IVERY STHE / HARD DISCOLORATIONSTAINING DESERVED: YES / GO EXPLANATION. SAMPLE TYPE: (GRAP) COMPOSITE - 4 OFTS: THE MOST OFTS: SCALE SAMP, TIME SAMP, ID LAB NO. WEIGHT (g) INL FREON DILUTION READING CALC. (ppm) NOT APPLICABLE SCALE SAMP, TIME SAMP, ID LAB NO. WEIGHT (g) INL FREON DILUTION READING CALC. (ppm) NOT APPLICABLE LAB SAMPLES SAMPLE TYPE: (GRAP) COMPOSITE - 4 OFTS: LAB SAMPLES SAMPLE TYPE: (GRAP) COMPOSITE - 4 OFTS: SAMPLE TYPE: (GRAP) COMPOSITE - 5 OFTS: LAB SAMPLES SAMPLE TYPE: (GRAP) COMPOSITE - 5 OFTS: LAB SAMPLES FIELD 418.1 CALCUATIONS FIELD 418.1 CALCUATIONS FIELD 418.1 CALCUATIONS FIELD 418.1 CALCUATIONS THE PROOF OFTS: LAB SAMPLES SAMPLE TYPE: (GRAP) COMPOSITE - 5 OFTS: LAB SAMPLES FIELD 418.1 CALCUATIONS THE PROOF OFTS: LAB SAMPLES SAMPLES THE COLOR OFTS: LAB SAMPLES LAB SAMPLES SAMPLES THE COLOR OFTS: LAB SAMPLES LAB SAMPLES LAB SAMPLES LAB SAMPLES LAB SAMPLES LAB SAMPLES LAB	LOCATION: NAME	: GCL)	WELL#:	7日 type	SEP		· · · · · · · · <u> · ·</u>	
OTRIFOOTAGE: 990'N 970'W NUNW CONTRACTOR: SIERCA (CALVIA) SPECULISTY. EXCAVATION APPROX. 22 FT. x 2 FT. S. 2 FT. DEEP. CUBIC YARDAGE: AM DISPOSAL FACILITY: NA REMEDIATION METHOD: CLUSE AS IS LAND USE: NAPT LEASE: MMO 78 391C FORMATION: 3 K FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 117 FT. N 70° E FROM WELLHEAD. DEPHT TO GROUNDWATER: 7100 NEAREST WATER SOURCE: 2700.7 PPM NIMOCD RANKING SCORE: NEOWORD FT. ST. ST. ST. ST. ST. ST. ST. ST. ST. S	QUAD/UNIT: D s	SEC: 4 TV	VP: 27 N RNG	:12W PM:	NM CNTY: S	ST: N	J DA	TE FINISHED: 1	1-7-03
EXCAVATION APPROX. 12 FT. x 12 FT. x 3 FT. DEEP. CUBIC YARDAGE: AJA DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS 1/S LAND USE: NAPT LEASE: MMOT 8 39 I.C. FORMATION: DK FIELD NOTES & REMARKS: PITLOCATED APPROXIMATELY 117 FT. N 78° E FROM WELLHEAD. DEPTH TO GROUNDWATER: 7/02 NEAREST WATER SOURCE: 7/202 NEAREST SURFACE WATER: 7/02 NEAREST WATER SOURCE: 7/202 NEAREST SURFACE WATER: 7/02 NEAREST SURFACE WATER: 7/							EAN		203
DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS 15 LAND USE: NATE LEASE: MMO 78 3 9 1 C FORMATION: DK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 11 7 FT. N 78 E FROM WELLHEAD. DEPTH TO GROUNDWATER: 7/00 NEAREST WATER SOURCE: 7/00 NEAREST SURFACE WATER: 7/00 NEAREST WATER SOURCE: 7/00 NEAREST SURFACE WATER: 7/00 NEAREST WATER SOURCE: 7/00 NEAREST SURFACE WATER: 7/00 NEONOCO PRANKING SCORE: 0 NIMOCO THE CLOSURE STD: 500 PM SOIL AND EXCAVATION DESCRIPTION: ON CALIB. READ: 52.0 pm OWN CALIB. READ: 52.0 pm O									NA
LAND USE: MATE LEASE: MMOTB 391C FORMATION: DK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 117 FT. NTO E FROM WELLHEAD. DEPHT TO GROUNDWATER: 7/00 NEAREST WATER SOURCE: 7/000 NEAREST SURFACE WATER: 7100 NMOCD RANKING SCORE: 0 NMOCD THE CLOSURE STD: 5000 PPM SOIL AND EXCAVATION DESCRIPTION: 0VM CALIB. READ. 52.0 ppm OVM CALIB. READ. 51.0 ppm OVM CALIB. READ. 52.0 ppm OVM	•	_		<u>,</u>					\$ 15
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 11 T FT. N 79° FROM WELLHEAD. DEPTH TO GROUNDWATER: 2100 NEAREST WATER SOURCE: 27000 NEAREST SURFACE WATER: 21000 NEAREST WATER SOURCE: 27000 NEAREST WATER NE	A	'.'· —————					· ·		
DEPTH TO GROUNDWATER: DIU NEAREST WATER SOURCE: JOD NEAREST SURFACE WATER: JUD NMOCD RANKING SCORE: MMOCD TPH CLOSURE STD: SOUL PPM SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ. * 5.2.0 ppm OVM CALIB. GAS * (0.0 ppm RF = 0.52) TIME: (3.15 am/om DATE: 11/7/0.7 SOIL COLOR: VIII. SAMD / SILT / SILTY CLAY / GRAVEL / OTHER SOIL COLOR: VIII. SAMD / SILT / SILTY CLAY / GRAVEL / OTHER SOIL COLOR: VIII. SAMD / SILT / SILTY CLAY / GRAVEL / OTHER SOIL COLOR: VIII. SAMD / SILT / SILTY CLAY / GRAVEL / OTHER SOIL TYPE: GAND / SILT / SILTY SAMD / SILT / SILTY CLAY / GRAVEL / OTHER SOIL COLOR: VIII. SAMD / SILT / SILTY CLAY / GRAVEL / OTHER SOIL COLOR: VIII. SAMD / SILT / SILTY CLAY / GRAVEL / OTHER SOIL COLOR: VIII. SAMD / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SOIL COLOR: VIII. SAMD / SILT / SILTY CLAY / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): (COSS) FIRM / SITF / VERY STIFF / HARD MOISTURE: DRY (SIGHTY MOIST / WOST / WETL GATURATED / SUFER SATURATED DESCOLARATION STAINING DESPREYED; YES / GO EXPLANATION. HO ODDR DETECTER, YES / GO EXPLANATION. SOMME TYPE: (GRAP) COMPOSITE * OFFTS - SAMD / SIT /	LAND USE.								
NMOCD RANKING SCORE: O NMOCD THE CLOSURE STD: SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ. = 52.0 ppm OVM CALIB. GAS = 100 ppm RF = 0.52 TIME: 13.15 am/pm DATE: OVM CALIB. GAS = 10.52 TIME: 13.15 am/pm DATE: OVM CALIB. GAS = 10.52 TIME: 13.15 am/pm DATE: OVM CALIB. GAS = 10.52 TIME: 13.15 am/pm DATE: OVM CALIB. GAS = 10.52 TIME: 13.15 am/pm DATE: OVM CALIB. GAS = 10.52 TIME: 10.52 TIME: 10.52 TIME: 10.52 TIME: 10.52 T									
SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ. = \$\frac{52.0}{10.0} \text{ ppm} \text{RE} = 0.52 \text{TIME: } i3.15 \text{ am/pm} \text{DATE: } \text{DATE: } \text{IIII: } i3.15 \text{ am/pm} \text{DATE: } \text{DATE: } \		^	-						
SOIL TYPE: (SAND) (SILTY SAND) (SILTY SAND) (SILTY SAND) (SILTY CLAY / CLAY / CLAY / GRAVEL / OTHER SOIL CLOR: VI (100, TAN SOIL CLOR: VI (100, TAN SOIL CLORESIVE / CONSISTENCY (NON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS) (LOOSE) FIRM / DENSE / VERY DENSE PLASTICTY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / CHOESIVE / HIGHLY PLASTIC / HIGHLY PLASTIC / CHOESIVE / HIGHLY PLASTIC / HIGHLY PLAS					··		READ. =	52.0 ppm	
SOIL TYPE: SAND SILTY SAND / SILTY CLAY / CLAY / GRAVEL / OTHER SOIL COOR: TAN SOIL COLOR: TAN SOIL COLOR: TAN SOIL COLOR: TAN SOIL COLOR: SOIL COLOR: TAN SOIL COLOR: TAN SOIL COLOR:	SOIL AND EXC	CAVATION	DESCRIPT	ION:		OVM CALIB.	GAS = 1	ppm _	RF = 0.52
SOIL COLOR: Y (100 TAN COMESION LA OTHERS): (60N COMESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): (1005E) FIRM / DENSE / VERY DENSE CONSISTENCY (NON COHESIVE SOILS): (1005E) FIRM / DENSE / VERY DENSE CONSISTENCY (100 NO LASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE LAXES AS LILTS): SOFT / FIRM / STIFF / HARD MOISTURE: DRY (SLIGHTLY MOIST / MOIST / WELT SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES (100 EXPLANATION - HC ODOR DETECTED; YES (100 EXPLANATION - HC OTHER OR OF PIT							am/	pm DATE:	11/7/03
COHESION (ALL OTHERS): (ON COHESIVE) SUIGHTLY COHESIVE / HORIZON (NON COHESIVE SOILS): (LOSSE) FIRM / DENSE / VERY DENSE CONSISTENCY (NON COHESIVE SOILS): (LOSSE) FIRM / DENSE / VERY DENSE PLASTICITY (COHESIVE CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS LILES): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY (SLIGHTLY MOIST) MOIST / WEST / WET / SATURATED DISCOLORATION/STAINING OBSERVED: YES / (D) EXPLANATION - HO GOOD DETECTION YES / (E) DEVELOPMENTO - SOFT -				CLAY / CLAY /	GRAVEL / OTH	ER			
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COMESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: WM DISTY MINIST MOIST / MINIST / WET / SATURATED / SUPER SATURATED DISCOLORATION: STAINING OBSERVED: YES / MO EXPLANATION - HICH CODOR DETECTED: YES / MO EXPLANATION - SAMPLE TYPE: (GRAP): COMPOSITE - 80 F PTS - DODITIONAL COMMENTS: PLT W/ 12 DIA & TALL FIDS GLASS TANK USE BACKHOE TO REMOVE TANK + CUITS - SAMP. NO VISUAL EVIDENCE SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) ML FREON DILUTION READING CALC. (ppm) OF FT N PIT PERIMETER PIT PROFILE SAMPLE FIELD 418-1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) ML FREON DILUTION READING CALC. (ppm) 3 @ 4 @ 5 2 @ 3 @ 4 @ 5 3 @ 4 @ 5 2 D - PIT DEPRESSION: B.G BELOW GRADE: B - BELOW H FIEST HOLE: - APPROX. T.B TANK BOTTOM				COHESIVE / CO	HESIVE / HIGHLY	COHESIVE			
DENSITY (COHESIVE CLAYSE SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY (STIGHTLY MOIST) MOIST / WET; SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES (RD) EXPLANATION. HC ODOR DETECTER: YES (RD) EXPLANATION. SAMPLE TYPE: (GRAP) COMPOSITE + 10 F PTS. POT MAPACES FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE 10 P O O O O O O O O O O O O O O O O O O									
MOISTURE: DRY & LIGHTLY MOIST / MOIST / MET, SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / 60 EXPLANATION - HC COOR DETECTED; YES / 60 EXPLANATION - HC COOR DETECTED; YES / 60 EXPLANATION - SAMPLE TYPE: (GRAP/COMPOSITE - # OF PTS - HO IN IT IN						/ HIGHLY PLAST	ic		
DISCOLORATION/STAINING OBSERVED: YES (©) EXPLANATION - HAC ODOR DETECTED: YES (©) EXPLANATION - SAMPLE TYPE: (GRAP) COMPOSITE - SOFTS: PIT W/ 12 DIA x 6 TALL Fibrigles TANK. USE BACEHOE PO REMOVE TANK + COIL-C+ SWOIO. NO VISUAL EVIDENCE OF IMPACTS FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILLUTION READING CALC. (ppm) Of FT N PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE (ppm) 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MOISTURE: DRY (SLIC	SHTLY MOIST / M	OIST / WET_/ SAT	URATED / SUPE	R SATURATED			a	OSED
SAMPLE TYPE: GRAPICOMPOSITE - # OF PTS. DIT NAME OF TALK FIBSON, B.G BELOW GRADE: B - BELOW HALL FIBSON BELOW GRADE: B - BELOW GRADE:	DISCOLORATION/STAIL	NING OBSERVE): YES/NO EXP	LANATION -				. (3	
DDITIONAL COMMENTS: PLT W 12 DA & G TALL Fibargles TANK USE BACEHOE AD REMOVE TANK & COII-CT SOLO/O. NO VISUAL EVIDENCE OF IMPACTS FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) OF FT N PIT PERIMETER PIT PROFILE OVM READING SAMPLE FIELD HEADSPACE (ppm) 1 @ 0 0 0 3 @ 4 @ 5 3 @ 4 @ 5 5 @ NOT APPLICABLE PD LAB SAMPLES SAMPLE ANALYSIS TIME DESTINATION TO THE TANK BOTTOM THEST HOLE: - APPROX; T.B TANK BOTTOM	/ · · · ·	_							
FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) Of FT N PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE (ppm) 2 @ 3 @ 4 @ 5 @ 10		_	W/ 12	DIA × 6	TALL FIB	orglass 7	TANK.	USE B	BACKHOE
FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) OF FT N PIT PERIMETER PIT PROFILE OVM READING SAMPLE FIELD HEADSPACE (ppm) 1 @ O O O 2 @ 3 @ 4 @ 5 @ 5 @ NOT APPLICABLE P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H.H. = TEST HOLE; APPROX; T.B. = TANK BOTTOM		40		ANK +	Cullect Sa	Sple.	No.	VISUAL	EVIDENCE
SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) OF FT N PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE (ppm) 1 @ 0 0.0 2 @ 3 @ 4 @ 5 @ 4 @ 5 @ 4 @ 5 @ 4 @ 5 @ 4 & 6 & 6 & 6 & 6 & 6 & 6 & 6 & 6 & 6 &	7	OF	MPACTS		15 440 4 6 14 6	LUATIONO		· · · · · · · · · · · · · · · · · · ·	
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; -= APPROX; T.B. = TANK BOTTOM PIT PERIMETER OVM READING SAMPLE (SPM) (PD) READING SAMPLE (SPM) (PD) (P	SCALE	CANAD TRAF	CANAD TO	7"	T		DILLITIC	NIPEADDIC	CALC (nnm)
PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE (ppm) 1@ 9 0.0 2@ 3@ 4@ 5@ NOT APPLICABLE LAB SAMPLES SAMPLE ANALYSIS TIME DEN TPM 1305 PASSED PASSED PASSED		SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	ML FREUN	DILUTIC	NKEADING	CALC. (ppin)
OVM READING SAMPLE FIELD HEADSPACE (ID) 1@ D O O 2@ 3@ 4@ 5@ NOT APPLICABLE LAB SAMPLES SAMPLE ANALYSIS TIME DED TPH /305 PASSED PASSED PASSED PASSED	0 FT					·			
OVM READING SAMPLE FIELD HEADSPACE ID (ppm) 1@ D O O 2@ 3@ 4@ 5@ LAB SAMPLES SAMPLE ANALYSIS TIME DED TPM /305 PASSED PASSED PASSED PASSED	N DIT DE	PIMETE	R	<u> </u>	L	<u> </u>	PIT	PROFIL	F
READING SAMPLE FIELD HEADSPACE (ppm) 1 @ 9 0 0 2 @ 3 @ 4 @ 5 @ 5 @ NOT APPLICABLE LAB SAMPLES SAMPLE SAMPLES SAMPLE ANALYSIS TIME DET TPH 7305 PASSED 1.0. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM	1			ე ი	VM			, itoi it	-
THE SOLUTION THE TEST HOLE; ~= APPROX; T.B. = TANK BOTTOM	1	SAV	186			_			
THE SET HOLE; ~= APPROX; T.B. = TANK BOTTOM THE SET HOLE; ~= APPROX; T.B. = TANK BOTTOM THE SET HOLE; ~= APPROX; T.B. = TANK BOTTOM		, 8	, 5-						
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM TRAVEL NOVEL NOVEL		/	and .			7			
LAB SAMPLES SAMPLE ANALYSIS TIME TO PT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM TO APPLICABLE ANALYSIS TIME TO ASSED ASSED	_		17/1			-			
LAB SAMPLES SAMPLE ANALYSIS TIME OF THE 1305 PASSED ID PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM		<i>/</i>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4@					
LAB SAMPLES SAMPLE ANALYSIS TIME DO TPH 1305 PASSED I.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW I.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	(1	5@		-	NOT	APPLICAT	31
LAB SAMPLES SAMPLE ANALYSIS TIME DE TPH 1305 PASSED PASSED H. = TEST HOLE; ~= APPROX.; T.B. = TANK BOTTOM	(/ 8/	1			7		,,,,,	
LAB SAMPLES SAMPLE ANALYSIS TIME DE TPH 1305 PASSED PASSED H. = TEST HOLE; ~= APPROX.; T.B. = TANK BOTTOM	טד \ \		/			_			
LAB SAMPLES SAMPLE ANALYSIS TIME DED TOH 7305 P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	Emil								
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	md i		6 BG	LARS	AMDI ES				
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM				SAMPLE					
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM									
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM				TOA	7780				
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	P.D. = PIT DEPRESSION:	B.G. = BELOW GI	RADE; 8 = BELOW						
ONSITE: 1230 11/7/03 ONSITE: 1230 11/7/03	T.H. = TEST HOLE; ~ = AF		NK BOTTOM			<u> </u>	, , , .		
	IRAVEL NOTES:	CALLOUT: 1	100 11/7	1/03	_ ONSITE: _	1230 1)	<u>/7/33</u>	-	



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Sep 1 @ 8'	Date Reported:	11-11-03
Laboratory Number:	27121	Date Sampled:	11-07-03
Chain of Custody No:	11553	Date Received:	11-07-03
Sample Matrix:	Soil	Date Extracted:	11-10-03
Preservative:	Cool	Date Analyzed:	11-10-03
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:

GCU 178.

Analyst P. Qu

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Review