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

District IV 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 \(\subseteq\) Closure of a pit or below-grade tank \(\sigma\) Operator: BP AMERICA PROD. CO. Telephone: (505)-326-9200 e-mail address: Address: 200 ENERGY COURT, FARMINGTON, NM 87410 Facility or well name: HUGHES A #2 API#: 30-045- 23345 U/L or Qtr/Qtr_B Sec 27 T 29N R 8W Longitude 107.65981 County: SAN JUAN Latitude 36.70176 NAD: 1927 ☐ 1983 🏿 Surface Owner Federal 🖾 State ☐ Private ☐ Indian ☐ Below-grade tank Type: Drilling Production Disposal BLOW Volume: Type-of-fluid: Workover ☐ Emergency ☐ Construction materia Lined ☑ Unlined ☐ STEEL TANK Double-walled, with leak Liner type: Synthetic Thickness mil Clay 🗌 Pit Volume Less than 50 feet (20 points) Depth to ground water (vertical distance from bottom of pit to seasonal 0 50 feet or more, but less than 100 feet (10 points) 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 0 No (0 points) water source, or less than 1000 feet from all other water sources.) 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) 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____ _. (3) Attach a general description of remedial action taken including 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 excavations. Additional Comments: PIT LOCATED APPROXIMATELY 79 FT. S12W FROM WELL HEAD PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/A ft. PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain) Cubic yards: N/A BEDROCK BOTTOM, NO TPH ANALYSIS CONDUCTED 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 🖾. 11/07/05 Date: **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 ON & GAS INSPECTOR, DIST. & Signature B Printed Name/Title

~ · · · · · · · · · · · · · · · · · · ·		<u> </u>					
• •			NEERING	*	LOC	ATION NO:	B1691
CLIENT: BB	P.O. BOX	87, BLO (505) 632), NM 874	113	R NO:	
	d		······································				
FIELD REPORT	r: PIT CL	OSURE	VERIF	ICATIO	N PAG	E No:	<u>/</u> of/_
LOCATION: NAME: HUGH	E5 A	WELL#:	2 TYPE	: BLOW		STARTED: _	11/7/05
QUAD/UNIT: B SEC: 27	TWP: Z9N RNG	5:8W PM:/	VVV CNTY: 5	J ST: NM		FINISHED:	<u> </u>
QTR/FOOTAGE: 790/N//	460'E NW/	VE CONTR	RACTOR: P+5	(LOBERT)		ONMENTAL ALIST:	NV
EXCAVATION APPROX	<u>~~</u> FT. x	<u> </u>	x <u><i>NA</i></u> FT	. DEEP. CL	JBIC YARD	AGE:	NA
DISPOSAL FACILITY:	00-51		REMEDIA	TION METH	OD: _	CLOSE !	AS 15
LAND USE: RANGE -	BLM	LEASE:	5F 07	8049	FORMAT	ION:	DK
FIELD NOTES & REMAR	RKS: PIT LOCA	ATED APPROX	IMATELY) FT	512W	FROM	WELLHEAD.
DEPTH TO GROUNDWATER: >/2	<u>>⊘</u> NEAREST W	ATER SOURCE:	>1000	NEAREST S	URFACE WAT	ER: >/	<u> </u>
NMOCD RANKING SCORE:	NMOCD TPH		<u>5,000</u> PI				
SOIL AND EXCAVATION	N DESCRIPT	ION: ELE	EU 6739	OVM CALIB.	READ. = ,5.	3, 5 ppm	RF = 0.52
				TIME: 12.2	GAS =	PPIII	11/2/05
SOIL TYPE: SAND / SILTY SA						VE GRAY,)
SOIL COLOR: OK. S COHESION (ALL OTHERS): NON C	ELL. ORANGE OHESIVE / SLIGHTLY			COHESIVE			
CONSISTENCY (NON COHESIVE SO	OILS): (OOSE/FIRM	DENSE / VERY	DENSE				
PLASTICITY (CLAYS): NON PLASTI DENSITY (COHESIVE CLAYS & SILT	_			/ HIGHLY PLAST	IC		
MOISTURE: DRY / SLIGHTLY MOIST						(CLOSED)
DISCOLORATION/STAINING OBSER		LANATION					
HC ODOR DETECTED: YES NO E SAMPLE TYPE: GRAB COMPOSITI	E - # OF PTS.						
ADDITIONAL COMMENTS: STEE	M REDROE						
	COMPETENT						
		FIE	LD 418.1 CALC	ULATIONS			CONDUCTED.
SCALE SAMP. TI	ME SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
0 FT							
	FED 4.)				DITE	DOFIL	
PIT PERIMET			VM		PHF	ROFIL	
	100 WELL		DING				
,	HEAD	SAMPLE ID	FIELD HEADSPACE (ppm)				
T.H.~Z B.T.B.		1@ 6'	0.0				
BERM	- -	3 @					
		4 @ 5 @					
150] 20'] ,	(/	000	215
					IST A	PILICE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
STEEL	1		.,	_			
TANK	,	LARS	AMPLES				
T.B.~4		2 - 1 - 2	NALYSIS TIME	_			
B.6.	18.6.		- 1347	2_			
1,000							
P.D. = PIT DEPRESSION; B.G. = BELOV T.H. = TEST HOLE; ~ = APPROX.; T.B. =				=			
TDAVEL NOTES	: 117/05-	-mio.morn	ONSITE	11565-	Carl D	ETE2.	
CALLOUI	· <u> </u>	1 112 111	_ UNSITE: _	11/1/23-	C/12-7 17	11/28	

<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

Form C-144 June 1, 2004 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

Pit or Below-Grade Tank Registration or Closure

	k covered by a "general plan"? Yes Nor below-grade tank Closure of a pit or below-		
Operator: BP AMERICA PROD. CO. Address: 200 ENERGY COURT. FARMINGTON. Facility or well name: HUGHES A #2 County: SAN JUAN Latitude 36.70176 Longitude 10	NM 87410 _API#:	tr/Qtr_B Sec_27	
Pit Type: Drilling Production Disposal DEHY/SEP Workover Emergency Lined Unlined STEEL TANK Liner type: Synthetic Thickness mil Clay Pit Volume bbl	Below-grade tank Volume:bbl_Type-of-fluid: Construction materia: Double-walled, with leak exection? Yes I If	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)	0
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)	0
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)	0
	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 ☑ Yatach soil sample results and a diagram of sample locations and excavation	. (3) Attach a general ces . If yes, show depth below ground surface	al description of remedial	action taken including
Additional Comments: PIT LOCATED APPROXIMATELY		VELL HEAD.	
PIT EXCAVATION: WIDTH N/Aft., LENGTH			FED
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C	OMPOST: □, STOCKPILE: □, OTHER □	(explain)	
Cubic yards: N/A	···	las.	2000
BEDROCK BOTTOM			
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			if or below-grade tank
Date: 11/10/05			
PrintedName/Title Jeff Blagg – P.E. # 11607 Your certification and NMOCD approval of this application/closure does not otherwise endanger public health or the environment. Nor does it relieve to regulations.		nts of the pit or tank conta	
Approval: Printed Name/Title Printed Name/Title	gnature BM JM	Date:	FEB 2 8 2005

BLA	GG ENGINEERING	. INC.			R1/91
	(87, BLOOMFIELD	•	13 LOC	ATION NO:	B1691
CLIENT: I.G. BO	(505) 632-1199	, 14141 074		R NO:	14490
FIELD REPORT: PIT CI	OSURE VERIF	ICATIO	N PAGI	E No:	/_ of/_
LOCATION: NAME: HUGHES A	WELL#: A TYPE	: DE14. SEF		STARTED: _	11/7/05
QUAD/UNIT: B SEC: Z7 TWP: Z9~ RM	NG: 8W PM: N'M CNTY: 5	J ST: MM	DATE	FINISHED: _	
OTR/FOOTAGE: 790/2/1460/E N	WINE CONTRACTOR: PH	ROBERT) ENVIR	ONMENTAL ALIST:	NV
EXCAVATION APPROX FT.					NA
• •	SITE REMEDIA			CLOSE	DE 15
LAND USE: RANGE - BLM			FORMATI		01<
	CATED APPROXIMATELY 12				WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST N	WATER SOURCE: >/ 000	NEAREST SU	JRFACE WAT	ER: >/	0001
NMOCD RANKING SCORE: NMOCD TP	H CLOSURE STD: <u>5, 000</u> PI	PM		ŕ	
	/	OVM CALIB. F	READ. = 53	5 ppm	
SOIL AND EXCAVATION DESCRIP	HON:	OVM CALIB. C			RF = 0.52
		TIME: 12:0			
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY SOIL COLOR: OK HELL DRANGE TO		ER <u>8EURX</u> OROCK - O			
COHESION (ALL OTHERS): NON COHESIVE SLIGHT					
CONSISTENCY (NON COHESIVE SOILS): 4-005E/ FIR			_		:
P LASTICITY (GLAYS): NON PLASTIC / SLIGHTLY PLAS D ENSITY (COMESIVE CLAYS & SILT S): SOFT / FIRM / S		/ HIGHLY PLASTIC	С	Cu	SED
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SA					
DISCOLORATION/STAINING OBSERVED (YES) NO EX				FEL TON	ν Χ
HC ODOR DETECTED: (FSDNO EXPLANATION O SAMPLE TYPE: (GRAP) COMPOSITE - # OF PTS	BCOLOREN SOIL X	orm Jan	put.		
ADDITIONAL COMMENTS: STEEL TANK K					
	FROM APERTURE IN				
(BOHOW) BEDIZOCK SUIGHE	<u>E . BEOROCIC - VERY</u> FIELD 418.1 CALC		SHTUY TK	CIRBUL 10	COMPERSI.
SCALE SAMP. TIME SAMP. ID	LAB NO. WEIGHT (g)	1	DILUTION	READING	CALC. (ppm)
			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
0 FT					
PIT PERIMETER #P	-		PIT P	ROFIL	E
	OVM				
	READING SAMPLE FIELD HEADSPACE				
	1D (ppm) 1@4 198.0	-			
DEHY	2@				
BERM WELL					
TITI S HEAD	5@				
zi D , E		_ ^	UST A	PPLIC	ABLE
- · R : P					
	,				
T.H.~0.5	LAD CAMPLEO				
STEEL ZZI B.T.B.	LAB SAMPLES SAMPLE ANALYSIS TIME	=			
TANK	De 4 TPH (80158) 125				
T.B.~ 4'8.G. P.D.~ 1'8.G.	BTEX (BOZIB)				
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELO					
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		٠, , , ,			
TRAVEL NOTES: CALLOUT: 11 7 105.	- LATE MORN. ONSITE: _	11/7/05	- EARLY	AFTER	2



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	11-10-05
Laboratory Number:	34940	Date Sampled:	11-07-05
Chain of Custody No:	14490	Date Received:	11-08-05
Sample Matrix:	Soil	Date Extracted:	11-08-05
Preservative:	Cool	Date Analyzed:	11-09-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	48.6	0.2
Diesel Range (C10 - C28)	22.4	0.1
Total Petroleum Hydrocarbons	71.0	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:

Hughes A #2 Dehydrator/Separator Pit Grab Samples.

Analyst Wastles

Way Duck



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	11-09-05
Laboratory Number:	34940	Date Sampled:	11-07-05
Chain of Custody:	14490	Date Received:	11-08-05
Sample Matrix:	Soil	Date Analyzed:	11-09-05
Preservative:	Cool	Date Extracted:	11-08-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	565	1.8	
Toluene	1,810	1.7	
Ethylbenzene	689	1.5	
p,m-Xylene	4,090	2.2	
o-Xylene	1,400	1.0	
Total BTEX	8,550		

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:

Hughes A #2 Dehydrator/Separator Pit Grab Sample.

Muster Macles

Review Buce



Chloride

Parameter		Concentration (mo	1/L)
		Chain of Custody:	14490
Condition:	Cool and Intact	Date Analyzed:	11-08-05
Preservative:	Cool	Date Extracted:	11-08-05
Sample Matrix:	Soil	Date Received:	11-08-05
Lab ID#:	34940	Date Sampled:	11-07-05
Sample ID:	1 @ 4'	Date Reported:	11-09-05
Client:	Blagg / BP	Project #:	94034-010

Total Chloride

106

Reference:

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

Hughes A #2 Dehydrator/Separator Pit Grab Sample.

Analyst

Review

<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

District IV

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

1220 S. St. Francis Dr., Santa Fe, NM 87505

Pit or Below-Grade Tank Registration or Closure

	K covered by a "general plan"? Yes ⊠ No or below-grade tank ☐ Closure of a pit or below-grade		
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-mai	9 - 11	
Address: 200 ENERGY COURT, FARMINGTON.		ii address:	
Facility or well name: HUGHES A #2	API #: 30-045- 23345 U/L or Qtr/Q	otr B Sec 27 T 29N P	8W
County: SAN JUAN Latitude 36.70176 Longitude 10		wner Federal ⊠ State ☐ Private ☐ I	
Lumber Longhuae	1012). 1927 🔲 1905 🔀 Bur ince (0)	whol I edotal 22 State [] I tivate [] I	iidiaii 🗀
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 ditection? Yes I If no	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) 0	
inga 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)	
The source, or reso than 1000 rote 2011 an order fraction	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 mainta)	
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(10 points) 0	,
	Ranking Score (Total Points)	00	
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 🛛 offsite 🗋 If offsite, name of facility_	. (3) Attach a general d	escription of remedial action taken inc	cluding
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		96 (5 <u>6,55,50</u>	}
Additional Comments: PIT LOCATED APPROXIMATELY	<u>y 100 ft. N86W from we</u>	LL HEAD.	9,33
PIT EXCAVATION: WIDTH N/Aft., LENGTH	N/Aft., DEPTH N/A ft	ELD SO	
PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, C	OMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (ex	plain) 18 2006	, 12)
Cubic yards: N/A) 4
BEDROCK BOTTOM			
		200	- <u>Sy</u>
I hereby certify that the information above is true and complete to the best			de tank
has been/will be constructed or closed according to NMOCD guideline	es ⊠, a general permit ∟, or an alternative OCD-a	ipproved plan .	
Date: 11/10/05			
	3-11-12-13	and the state of the	
PrintedName/Title Jeff Blagg - P.E. # 11607	Signature 2 1 5		
Your certification and NMOCD approval of this application/closure does to otherwise endanger public health or the environment. Nor does it relieve to regulations.			
Approval: Printed Name/Title ON & GAS INSPECTOR, DIST. Significant Significant States of the States	gnature RA HALL	Date: FEB 2 8 200	6

CLIENT: BP	BLAG P.O. BOX		NEERING	·	LOC	ON NOITA	B1691
CLIENT: D1		505) 632		, NIVI 6/4		CR NO:	14490
FIELD REPORT	: PIT CL	OSURE	VERIF	ICATIO	N PAG	E No:	/_ of/_
LOCATION: NAME: HUG						STARTED: _	11/7/05
QUAD/UNIT: B SEC: 77	TWP: Z9N RNG	:8W PM:	N M CNTY: 5	J ST: NYM		FINISHED: _	
QTR/FOOTAGE: 790014	SOE NWI	NE CONTR	RACTOR: P&S	(ROBERT	SPEC	RONMENTAL IALIST:	NV
EXCAVATION APPROX	NA FT. x	<u>NA</u> FT.	x <u> </u>	DEEP. CU	JBIC YARE	DAGE:	NA
DISPOSAL FACILITY: 0~-5/7F REMEDIATION METHOD: CLOSE AS 15							
LAND USE: RANGE -	Bim	LEASE:	5F 07	8049	FORMAT	ION:	DK
FIELD NOTES & REMAR							
DEPTH TO GROUNDWATER: 🔀 🤊	D NEAREST WA	TER SOURCE:	71,000'	_ NEAREST S	URFACE WAT	rer:	000
NMOCD RANKING SCORE:	NMOCD TPH	CLOSURE STD: .	<i>5,000</i> PI	РМ			
SOIL AND EXCAVATIO	N DESCRIPTI	ON:		OVM CALIB. (
				TIME: 12.0			
SOIL TYPE: SAND SILTY SAN	D/ SILT / SILTY C	LAY / CLAY /	GRAVEL / OTH	ER <i>850/2</i> 3	XX (3	SANDSTO	VE]
SOIL COLOR: PALE YE COHESION (ALL OTHERS): NON CO	L. BROWN -				2501-1	EO, To	DUVE GRAY
CONSISTENCY (NON COHESIVE SO	ILS): COOSE/CEIRM	DENSE / VERY	DENSE				
PLASTICITY (CLAYS): NON PLASTIC DENGITY (COHESIVE CLAYS & SILTS				/ HIGHLY PLASTI	С	1.	SED
MOISTURE: DRY / SLIGHTLY MOIST	/ MOIST / WED SATI	JRATED / SUPEI	R SATURATED			CLC	360)
DISCOLORATION/STAINING OBSERY HC ODOR DETECTED: YES/NO E)	ED: YES / NO EXP	ANATION - Ex	TILE TEST	HOUE			
SAMPLE TYPE GRAP COMPOSITE	-#OFPTS			-	<i>a</i> .		
ADDITIONAL COMMENTS: SUGI	TED SAMPLE TLY FRIABLE						
	CTED SOIL				ERHIOR	10 0100	TET HERRIE
COALE		FIE	LD 418.1 CALC			,	
SCALE SAMP. TIN	IE SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
0 FT							
PIT PERIMET	ER #N	1		<u> </u>	PIT	ROFIL	F
, 16	P.D.~Z'	0	VM			1(0) 12	<u> </u>
	8.6.	REA	DING FIELD HEADSPACE				
BERM	_,	1@ 4/	(ppm)	_			
T \ \ \	T.4.~Z'	2@	154.7				
n oet	B.T. D.	3 @ 4 @		_			
	~	5@					
	TO			\dashv \sim	T A	PPLIC	ABLE
PROD.	HEAD						
(TANK)							
	T- In-	LAB S	AMPLES				
	SAMPLE ANALYSIS TIME						
<u> </u>		" BIE	(8015B) (34 X(8021B) "	2			
		-	OCIDE "				
P.D. = PIT DEPRESSION; B.G. = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. =		P	922€N				
TRAVEL NOTES: CALLOUT	11/2/05-1	LATE MORN	ONSITE: _	11/7/05-	- ESRLY	AFTER	



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	11-10-05
Laboratory Number:	34941	Date Sampled:	11-07-05
Chain of Custody No:	14490	Date Received:	11-08-05
Sample Matrix:	Soil	Date Extracted:	11-08-05
Preservative:	Cool	Date Analyzed:	11-09-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	24.7	0.2
Diesel Range (C10 - C28)	19.6	0.1
Total Petroleum Hydrocarbons	44.3	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:

Hughes A #2 Production Tank Pit Grab Samples.

Analyst (Analyst

Many Bruce
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	11-09-05
Laboratory Number:	34941	Date Sampled:	11-07-05
Chain of Custody:	14490	Date Received:	11-08-05
Sample Matrix:	Soil	Date Analyzed:	11-09-05
Preservative:	Cool	Date Extracted:	11-08-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Det. Concentration Limit (ug/Kg) (ug/Kg)			
Benzene	63.8	1.8		
Toluene	411	1.7		
Ethylbenzene	91.1	1.5		
p,m-Xylene	764	2.2		
o-Xylene	174	1.0		
Total BTEX	1,500			

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:

Hughes A #2 Production Tank Pit Grab Sample.

Mister Welter Analyst Review Review



Chloride

Parameter		Concentration (mg/L)	
		Chain of Custody:	14490
Condition:	Cool and Intact	Date Analyzed:	11-08-05
Preservative:	Cool	Date Extracted:	11-08-05
Sample Matrix:	Soil	Date Received:	11-08-05
Lab ID#:	34941	Date Sampled:	11-07-05
Sample ID:	1 @ 4'	Date Reported:	11-09-05
Client:	Blagg / BP	Project #:	94034-010

Total Chloride

98.0

Reference:

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

Hughes A #2 Production Tank Pit Grab Sample.

Analyst

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