<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District III

District III

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.

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

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	enta Fe, NM 87505 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	r below-grade tank [] Closure of a pit or below-grad	etank 🗵		
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-mail	address:		
Address: 200 ENERGY COURT, FARMINGTON, 1				
		tr C Sec 29 T 29N R 8W		
County: SAN JUAN Latitude 36.70121 Longitude 107	·	mer Federal State Private Indian		
<u>Pit</u>	Below-grade tank			
Type: Drilling Production Disposal DEHY/SEP	Volume:bbl_Type of fluid: /			
Workover	Construction material:			
Lined Unlined STEEL TANK	Double-walled, with teak catection? Yes 1 If nt.	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)		
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)		
anguion suitus, and personna and spironnea watersourses.	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) Indicate	e disposal location: (check the onsite box if		
our are burying in place) onsite \( \square\) offsite \( \sqrat\) If offsite, name of facility \( \sqrat\)				
emediation start date and end date. (4) Groundwater encountered: No 🛛 Y		-		
Attach soil sample results and a diagram of sample locations and excavations		in the distance sample reserve.		
Additional Comments: PIT LOCATED APPROXIMATELY		LHEAD		
	· · · · · · · · · · · · · · · · · · ·	FFD 2006		
PIT REMEDIATION: CLOSE AS IS:, LANDFARM:, CO	OMPOST: □, STOCKPILE: □, OTHER ☑ EXC	<u> </u>		
Cubic yards: 25		4		
BEDROCK BOTTOM		E. W. W. W		
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: 08/11/05				
PrintedName/Title Jeff Blagg - P.E. # 11607	Jeffen C. S.	luga		
	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:				
Approval:  Printed Name/Title  Printed Name/Title		Date: FEB 2 8 2006		
Printed Name/TitleSig	nature // // //	Date:   I LD 2 8 2000		



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

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	3 - Point Composite	Date Reported:	08-11-05
Laboratory Number:	34027	Date Sampled:	08-10-05
Chain of Custody No:	14377	Date Received:	08-10-05
Sample Matrix:	Soil	Date Extracted:	08-10-05
Preservative:	Cool	Date Analyzed:	08-11-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.7	0.2
Diesel Range (C10 - C28)	0.4	0.1
Total Petroleum Hydrocarbons	1.1	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 6 Separator @ 7'.

Analyst C. Objection

Misture m Walter Review



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	3-Point Composite	Date Reported:	08-11-05
Laboratory Number:	34027	Date Sampled:	08-10-05
Chain of Custody:	14377	Date Received:	08-10-05
Sample Matrix:	Soil	Date Analyzed:	08-11-05
Preservative:	Cool	Date Extracted:	08-10-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	11.9	2.1	
Toluene	24.7	1.8	
Ethylbenzene	13.9	1.7	
p,m-Xylene	256	1.5	
o-Xylene	42.2	2.2	
Total BTEX	349		

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:

Hughes 6 Separator @ 7'.

Analyst C. Oylun

Mister of Walters Review

# <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District III 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

Is pit or below-grade tan	k covered by a "general plan"? Yes No r below-grade tank Closure of a pit or below-grade	
Operator: BP AMERICA PROD. CO. Address: 200 ENERGY COURT, FARMINGTON.		l address:
	API #: 30-045- 23825 U/L or Qtr/Q	etr C Sec 29 T 29N R 8W
County: SAN JUAN Latitude 36.70121 Longitude 10	7.70221NAD: 1927 ☐ 1983 ⊠ Surface Ov	vner Federal ⊠ State ☐ Private ☐ Indian ☐
Pit  Type: Drilling   Production   Disposal   PRODUTION TANK  Workover   Emergency    Lined   Unlined   Liner type: Synthetic   Thicknessmil Clay    Pit Volumebbl	Below-grade tank  Volume:bblType-of-fluid:  Construction material:  Double-walled, with leak detection? Yes 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)
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) <b>(</b> 0 points) <b>(</b>
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
f 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_emediation start date and end date. (4) Groundwater encountered: No ☑ You have a sample results and a diagram of sample locations and excavation.	Yes If yes, show depth below ground surface	escription of remedial action taken including ft. and attach sample results. (5)
Additional Comments: PIT LOCATED APPROXIMATELY		411V
PIT EXCAVATION: WIDTH N/Aft., LENGTH PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: ☐, CO	<u> </u>	plain) Pom Cu
Cubic yards: N/A  BEDROCK BOTTOM	OMPOST,STOCKFIEE,OTHER (EX	Main Same
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.  Date: 08/11/05	of my knowledge and belief. I further certify that the s⊠, a general permit □, or an alternative OCD-a	ne above-described pit or below-grade tank
PrintedName/Title  Jeff Blagg - P.E. # 11607  Your certification and NMOCD approval of this application/closure does notherwise endanger public health or the environment. Nor does it relieve the regulations.	Signature	of the pit or tank contaminate ground water or
Approval:  Printed Name/Title  Printed Name/Title	gnature Bell Fell	FEB 2 8 2006

30-045-23825	All America	36.701	21 × 107.70	221	
CLIENT: BP	P.O. BOX		MFIELD		1/14/
	(	505) 632-	1199		COCR NO:
FIELD REPORT	r: PIT CL	OSURE	VERIFI	CATION	PAGE No: 1 of 1
LOCATION: NAME: HUG	HES	WELL#:	TYPE:	PROIXERUN	DATE STARTED: 8-10-05
QUAD/LINIT: C SEC: 29	TWP 29N RNG	S SW PM: N	M CNTY: ST	ST: NM	DATE FINISHED: 8 -10 - 05
QTR/FOOTAGE: 965 FNL	× 1795 FWL	NEINW CONTRA	CTOR: P+S		ENVIRONMENTAL JCB
EXCAVATION APPROX					C YARDAGE:
DISPOSAL FACILITY:	WA		-	TION METHOD	
LAND USE: RANGE - BL		LEASE: SF.			ORMATION: DK
FIELD NOTES & REMAR					52 W FROM WELLHEAD.
DEPTH TO GROUNDWATER: >0				_ NEAREST SUR	
		CLOSURE STD:			-AGE WATER.
NMOCD RANKING SCORE:	NMOCD IPH	CLOSORE STD: _	<u> </u>	OVM CALIB. RE	AD. = 51.8 ppm
SOIL AND EXCAVATION	ON DESCRIPT	<u> 10N:</u>		OVM CALIB. RE	
					am/pm _DATE: _8-10-05
SOIL TYPE: (SAND) SILTY SAI		CLAY / CLAY / G	RAVEL OTH	BENCO	€ <b>2</b> ′
COHESION (ALL OTHERS): NON C		COHESIVE / COH	ESIVE (HIGHLY	COHESIVE	
CONSISTENCY (NON COHESIVE S	OILS): LOOSE / FIRM	/ DENSE VERY D	ENSE		
PLASTICITY (CLAYS): NON PLAST DENSITY (COHESIVE CLAYS & SILT				HIGHLY PLASTIC	
MOISTURE: OR / SLIGHTLY MOIS	T / MOIST / WET / SAT	TURATED / SUPER			(Cro2ED)
DISCOLORATION/STAINING OBSEFT HC ODOR DETECTED: YES/NO E		PLANATION -			
SAMPLE TYPE: GRAB / COMPOSIT		ľ		<b>r</b> ./	
ADDITIONAL COMMENTS:		10 x	x 1 ± Dee	p Earthon = Sondstone	Pit. Use Backhoe to
BEDROCK 1		ance of C			1 22 1000 111 35 350
			LD 418.1 CALC		
SCALE SAMP. TI	ME SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON D	ILUTION READING CALC. (ppm)
0 FT					
1			<del></del>		
N PIT PERIME	ΓER	7 0	44.4	<u> </u>	PIT PROFILE
1			/M DING		
		SAMPLE	FIELD HEADSPACE	7	
ເວົ	PD	100 2	0.0		
10	$\checkmark$	2 @ 3 @		┥ ←	— 10 · — — >
		4 @			_
		5 @		-   1 T -	72"
A (1)	10" A			J	
				RE	SROCK SANDSTONE
	<del>_</del>				
LAB SAMPLES					
		SAMPLE AN	ALYSIS TIME		
		UCZ TPI		<del>-</del>	
		(1 PA	SSED)	$\exists$	
P.D. = PIT DEPRESSION; B.G. = BELO T.H. = TEST HOLE; ~ = APPROX.; T.B.		v		=	
TRAVEL NOTES:	2/./			0/10/-	**************************************
CALLOU	1: 0/10/05		_ ONSITE: _	9/10/05	



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

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 2'	Date Reported:	08-11-05
Laboratory Number:	34028	Date Sampled:	08-10-05
Chain of Custody No:	14377	Date Received:	08-10-05
Sample Matrix:	Soil	Date Extracted:	08-10 <b>-</b> 05
Preservative:	Cool	Date Analyzed:	08-11-05
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)	14.0	0.1
Total Petroleum Hydrocarbons	14.0	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 6 Production.

Analyst

Mistry Mictel