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

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division

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

1220 South 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 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 Telephone: (505)326-9200 e-mail address:				
Address: 200 Energy Ct, Farmington, NM 87401				
Facility or well name: MUDGE A # API #:	3004510838 U/L or Qtr/Qtr n	1 Sec 18 T31N R11W		
County: San Juan Latitude				
Surface Owner: Federal State Private Indian				
Pit	Below-grade tank			
Type: Drilling Production Disposal	Volume:bbl Type of fluid:			
Workover ☐ Emergency ☐	Construction material:			
Lined Unlined Double-walled, with leak detection? Yes If not, explain why not.				
Liner type: Synthetic Thicknessmil Clay	_	RCVD NOV29		
Pit Volumebbl		iil Cins. L		
	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)		
	Too teet of more	(o pours)		
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)		
tion canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more			
	1000 feet of filore	(0 points)		
	Ranking Score (Total Points)	0		
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's	s relationship to other equipment and tanks. (2) Ind	licate disposal location: (check the onsite box if		
your are burying in place) onsite 🔲 offsite 🗌 If offsite, name of facility_				
remediation start date and end date. (4) Groundwater encountered: No 📉				
•		it. and attach sample results.		
(5) Attach soil sample results and a diagram of sample locations and excavat	ions.			
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 the 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 .				
and becarring to constructed of closed according to throods guidenines 22, a general permit , or an (attached) afternative OCD-approved plan .				
Date: 11/01/2005	1			
Printed Name/Title Jeffrey C. Blagg, Agent Signature C. Slegy				
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.				
Printed Name/Title POUTY Oil & GAS INSPECTOR, DIST.	Signature Brand Dall	NOV 28 2006		
LLIUTEG Mame, Title	Signature / years / - W	Date:Date:		

	CLIENT: BP	P.O. BOX			•	413	CATION NO:	81062 10227
	FIELD REPORT	: PIT CL	OSURE	VERIF	ICATIO		E No:	of
ł	LOCATION: NAME: MUDG	EA	WELL #:	il TYPE	_ ~	DATE		7-10-02
ı	QUAD/UNIT: M SEC: 10		SINU PM:A	JM CNTY: 5	J ST: N/	DATE	FINISHED:	9-10-02
	QTR/FOOTAGE: 795'5/79					V 518.05	RONMENTAL	ILB
I	EXCAVATION APPROX							0
	PIT DISPOSAL FACILITY:	WA		REMEDIA			CLOSE !	45 LS
I				SF UTE				
	FIELD NOTES & REMAR			IMATELY 6				
	DEPTH TO GROUNDWATER: > (>1000				
	NMOCD RANKING SCORE:			5000 PI				
				<u></u> · ·	OVM CALIB.	READ. ≈ (3	30,6 ppm	
	SOIL AND EXCAVATIO	N DESCRIPT	ION:		OVM CALIB.	GAS = Z	S ppm	RF = 0.52
	SOIL TYPE: SAND / SILTY SAN	D / SII T / SII TY /	SIAP (CLAY (CRAVEL / OTH	TIME: 12			190°E
	SOIL COLOR: GRAT					1 Section	- 6 4	
	COHESION (ALL OTHERS): NON CO CONSISTENCY (NON COHESIVE SO				COHESIVE			
1	PLASTICITY (CLAYS): NON PLASTIC	/ SLIGHTLY PLAST	IC / COHESIVE / I	MEDIUM PLASTIC	/ HIGHLY PLAST	ic .		
	DENSITY (COHESIVE CLAYS & SILTS						CLOSE	
	MOISTURE: DRY (SLIGHTLY MOIST DISCOLORATION/STAINING OBSERV	MOIST LWET / SAT	LANATION -	SATURATED				
	HC ODOR DETECTED (YES) NO EX	PLANATION -	MNOR					
	SAMPLE TYPE GRAB COMPOSITE	-#OFPTS. E BAEF FUI	= TO DIC	- TEST	TRENCH	1 Acres	155 D,7	
	BEOROCK HI	T SANDSA	ne Bad	ruck @ c	4 36			
	(Boiton)		FIF	LD 418.1 CALC	I II ATIONS			
	SCALE SAMP, TIM	E SAMP. ID	LAB NO.	WEIGHT (g)		DILUTION	READING	CALC. (ppm)
				(8)				Сидо (ррш)
	0 FT							
	PIT PERIMET	ER	1 -			PITP	ROFIL	E
	- 12 -			VM .DING				
	1		SAMPLE ID	FIELD HEADSPACE (ppm)				
			10 4	123	_			l
			2 @ 3 @		-			
	8 4@							
	NOT APPLICABLE							
					_			
4	4							
LAB SAMPLES SAMPLE ANALYSIS TIME 174 1750								
M	(3'Bb) (4'Bb) 184 TPA 1230							
	(3'156)	-		37EX	_			
	P.D. = PIT DEPRESSION; B.G. = BELOW	GRADE; B = BELOW	(BOTH F	WES ED				
	T.H. = TEST HOLE; ~ = APPROX.; T.B. = TRAVEL NOTES:	Q - (U - V	2 0800		0 (2)	7 4	· · ·	
	CALLOUT:		- 0000	ONSITE:	9-10.0	2 N	500~1	

revised: 09/04/02

bei1005C.skf



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow #1 @ 4'	Date Reported:	09-11-02
Laboratory Number:	23793	Date Sampled:	09-10-02
Chain of Custody No:	10227	Date Received:	09-10-02
Sample Matrix:	Soil	Date Extracted:	09-11-02
Preservative:	Cool	Date Analyzed:	09-11-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	562	0.2
Diesel Range (C10 - C28)	27.9	0.1
Total Petroleum Hydrocarbons	590	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:

Mudge A #11.

Analyst Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow #1 @ 4'	Date Reported:	09-12-02
Laboratory Number:	23793	Date Sampled:	09-10-02
Chain of Custody:	10227	Date Received:	09-10-02
Sample Matrix:	Soil	Date Analyzed:	09-11-02
Preservative:	Cool	Date Extracted:	09-11-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	113	1.7
Ethylbenzene	47.5	1.5
p,m-Xylene	450	2.2
o-Xylene	82.1	1.0
Total BTEX	693	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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:

Mudge A #11.

Analyst Mollan

Review