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 office

Form C-144

June 1, 2004

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tan Type of action: Registration of a pit	k covered by a "general plan"? Yes 🔀 Nor below-grade tank 🗌 Closure of a pit or below-gr	O ∐ rade tank ⊠			
Operator: BP America Production Company Telephon	,				
Address: 200 Energy Ct, Farmington, NM 87401		,			
Facility or well name: Mudge B #12A API#: 3	20045 23/76 U/L or Qtr/Qtr _ O	Sec 17 T 3/N R11W			
County: San Juan Latitude		NAD: 1927 🗌 1983 🗍			
Surface Owner: Federal State Private Indian					
Pit	Below-grade tank				
Type: Drilling Production X Disposal					
Workover Emergency					
Lined Unlined	Double-walled, with leak detection? Yes If n				
Liner type: Synthetic Thicknessmil Clay	Double Walled, Will loak dottoller. Too Girls	on on present the second secon			
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)			
ingli mater oteration of ground mater.	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)			
water section, or less time root for her all other water contents	Less than 200 feet	(20 points)			
Distance to surface water: (horizontal distance to all wetlands, playas,		` ' ' '			
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)			
	1000 feet or more	(0 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) Ind	icate 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 excava	tions.				
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 .					
Date: 11/01/2005					
Date: 11/01/2005 Printed Name/Title Jeffrey C. Blagg, Agent Signature Jeffy C. Slegg					
Printed Name/Title Jeffrey C. Blagg, Agent Signature					
Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve regulations.					
Approval: DEC 1 9 2005					
Approval: Printed Name/Title Signature Signature Signature DEC 1 9 2005					

CLIENT: 8	<u>е</u> Р	.O. BOX 8	G ENGINEERING, INC. 87, BLOOMFIELD, NM 87413 505) 632-1199			13	TION NO: _	10290
FIELD REPORT: PIT CLOSURE VERIFICATION					N PAGE	No:/	of/	
LOCATION: NAME	MUDGE	В	WELL#: /	A TYPE:	SEP		STARTED:	
QUAD/UNIT: O S	EC: 17 TW	P:312 RNG:	11W PM: A	IN CNTY: 5J	ST: NM		INISHED:	
QTR/FOOTAGE: /3	8005/2230	€ 5W	SE CONTR	ACTOR: HOT	(EDGAR)	ENVIRO SPECIA	ONMENTAL LIST:	NU
EXCAVATION A							AGE: _	NA
DISPOSAL FACILIT	Y:	01-5176	•	REMEDIA	TION METHO	DD:	close a	5 15
LAND USE:	ANGE - BU	<u>r 1</u>	LEASE:	550789	16	FORMATI	ON:	pelmu
FIELD NOTES &		: PIT LOCA	TED APPROX	IMATELY 11	FT	N8E	FROM V	VELLHEAD.
DEPTH TO GROUNDWA	TER: 2100'	NEAREST WA	TER SOURCE:	210001	_ NEAREST S	JRFACE WAT	ER:	1000
NMOCD RANKING SCOP	RE: <u>0</u>	NMOCD TPH C		5000 PP				
SOIL AND EXC	CAVATION	DESCRIPTI	ON: ELE	J. 640Z	OVM CALIB.			<u>RF = 0.52</u>
_				MPORTED	TIME: _//=0	3 @m/pm	DATE:	12/10/02
SOIL TYPE: SAND/	SILTY SAND I	SILT / SILTY C	LAY / CLAY	GRAVED / OTHE	R <u>Bedroc</u> Edrock - 0	LIVE TO	STONE)	
COHESION (ALL OTHER	RS): (HON COHE	SIVE) SLIGHTLY		HESIVE / HIGHLY				
CONSISTENCY (NON CONTROL OF CONTR					HIGHLY PLASTI	С		
DENSITY (COHESIVE C	LAYS & SILTS):	SOFT / FIRM / STIF	F / VERY STIFF	/ HARD		_		
MOISTURE: DRY / STIC					FACE		(CLO:	SED)
HC ODOR DETECTED:								
SAMPLE TYPE: GRAB	/ COMPOSITE - #	OF PTS		500-12 F. 05	act. Rend	n-10 - 1/5	er llaan	COMPLETENT
BEDROCK	5: <u>Correct</u>	371476	77.07.00		<u> </u>		<u> </u>	<u> </u>
BOTTOM								
SCALE	0.1.10 =0.10		1	LD 418.1 CALC		D	75.50.6	
	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
0 FT								
PIT PE	RIMETE	R 4N		· ! ···		PITF	ROFIL	E
				VM				
		<i>ښې</i> .	CANIDIE	DING FIELD HEADSPACE	_			
	1	WORDEN RETAINING WALL	10 1 @ 8.5	(ppm) 101.9	-			
P.D. 1	14'	٦ /	2 @					
~6.5'T [FORMER	3 @ 4 @		-			
8.6	→	576EL	5 @					
14'	1 6 7	TANK			-	OT AF	OPLISE	3LE
	, 1	TB.			=			
	X	~7'			\exists			
T.H.	/	J B. €.	IARS	AMPLES				
15			SAMPLE A	NALYSIS TIME				
B.T. B-	, 10			(80158) 1121 4 (8028) 11	-			
	WEU HEAD			2000				
P.D. = PIT DEPRESSION; T.H. = TEST HOLE; ~ = AF	B.G BELOW GE	NK BOTTOM	(80)77	PRISSED	_			
TRAVEL NOTES:	CALLOUT:	12/10/02-	morn.	ONSITE	12/10/0	22 - M-	-/~\	
i	J	,			, , , , , , , , ,		<u> </u>	



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8.5'	Date Reported:	12-11-02
Laboratory Number:	24400	Date Sampled:	12-10-02
Chain of Custody No:	10290	Date Received:	12-10-02
Sample Matrix:	Soil	Date Extracted:	12-11-02
Preservative:	Cool	Date Analyzed:	12-11-02
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)	23.9	0.1
Total Petroleum Hydrocarbons	23.9	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 B #12 A Separator Pit Grab Sample.

Ahristu m Walters
Review

Analyst



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8.5'	Date Reported:	12-11-02
Laboratory Number:	24400	Date Sampled:	12-10-02
Chain of Custody:	10290	Date Received:	12-10-02
Sample Matrix:	Soil	Date Analyzed:	12-11-02
Preservative:	Cool	Date Extracted:	12-11-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	1.8	
Toluene	ND	1.7	
Ethylbenzene	3.4	1.5	
p,m-Xylene	47.1	2.2	
o-Xylene	ND	1.0	
Total BTEX	50.5		

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 B #12A Separator Pit Grab Sample.

Analyst C. Cylenna