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 1 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

Form C-144

March 12, 2004

1220 South St. Francis Dr. office Santa Fe, NM 87505

Is pit or below-grade tank co	Tank Registration or Closu vered by a "general plan"? Yes ⊠ No ow-grade tank ☐ Closure of a pit or below-gra	D P RECEIVED 3		
Operator: BP AMERICA PROD. CO.		M SEL COMPANY 3		
Address: 200 Energy Court, Farmington,	NM 87410	C Cho Co II VI		
Facility or well name: BARRETT A #9	API#:	Qt L Sec 20 T 31N R 9W		
		owner Federal 🛭 State 🗌 Private 🗎 Indian 🗌		
<u>Pit</u>	Below-grade tank			
Type: Drilling Production Disposal BLOW	Volume:bbl Type of fluid:			
Workover ☐ Emergency ☐	Construction magrial			
Lined Unlined 🛛	Construction magrial  Double-walled with tak detection? Tes	If not, explain why not.		
Liner type: Synthetic Thicknessmil Clay Volumebbl				
	Less than 50 feet	(20 points)		
Depth to ground water (vertical distance from bottom of pit to seasonal high	50 feet or more, but less than 100 feet			
water elevation of ground water.)	100 feet or more	(10 points) (10 points)		
		( o positio)		
/ellhead protection area: (Less than 200 feet from a private domestic water	Yes	(20 points)		
source, or less than 1000 feet from all other water sources.)	No	( 0 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) 0		
ingadon cuius, ditones, and percinna and epitemera 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 rela	tionship to other equipment and tanks. (2) Indic	cate disposal location:		
onsite Offsite If offsite, name of facility	(3) Attach a general description of remedial ac	tion taken including remediation start date and		
end date. (4) Groundwater encountered: No 🛛 Yes 🔲 If yes, show depth belo				
a diagram of sample locations and excavations.				
I hereby certify that the information above is true and complete to the best of m has been/will be constructed or closed according to NMOCD guidelines	y knowledge and belief. I further certify that, a general permit , or an (attached) altern	the above-described pit or below-grade tank ative OCD-approved plan ⊠.		
Date: 06/13/04				
Printed Name/Title Jeff Blagg - P.E. # 11607 Signature				
Your certification and NMOCD approval of this application/closure does not re otherwise endanger public health or the environment. Nor does it relieve the or regulations.	lieve the operator of liability should the content perator of its responsibility for compliance with	s of the pit or tank contaminate ground water or any other federal, state, or local laws and/or		
Approval AN 0 9 2006				
Pate:	. //			
Printed Name/Title=7077 Cit. & GAS INSPECTOR, CIST. 49	Signature Brand	77/		

	3	0045z	6832		36.8	8156	5 107	.80956
	BLA	GG EN	GINEER	ING,	, INC.		LOCATION N	o: B1416
CLIENT: BP	P.O. BOX	•			, NM 874	113		
		(505) 6	32-1199	)			COCR NO:	10001
FIELD REPORT	: PIT CL	OSUI	RE VEI	RIFI	CATIO	N	PAGE No: _	/_ of/
LOCATION: NAME: BARRET				TYPE:				6/10/04
QUAD/UNIT: L SEC: ZO	TWP: 310 RNO	3: 9W P	M: pm cn	TY: 5J	ST: NM	·	DATE FINISHED:	
QTR/FOOTAGE: 18405 8	55'W NW	12m co	NTRACTOR:	FLIN	T (50016	<b>=</b> )	ENVIRONMENTAI SPECIALIST:	
EXCAVATION APPROX	. <u>NA</u> FT. x	1 <u>A4</u> 1	FT. x <u>ルA</u>	_ FT.	DEEP. C	JBIC Y	'ARDAGE:	PA
DISPOSAL FACILITY:	717-40	E	REM	1EDIA1	TION METH	OD:	CLOSE !	as is
LANDUSE: RANGE -	BLM	LEASE:	_ 5F 0	7833	36B	FOR	MATION:	PC
FIELD NOTES & REMAR	KS: PIT LOC	CATED APP	ROXIMATELY	8-	<u>1</u> FT.	N50	ک FROM	WELLHEAD.
DEPTH TO GROUNDWATER: >10	O' NEAREST W	ATER SOUR	CE: <u>&gt;10</u>	00′	_ NEAREST S	URFACE	WATER: _>	1000
NMOCD RANKING SCORE: O	NMOCD TPH	CLOSURE S	TD: <u>5007</u>	<u> </u>	м			
SOIL AND EXCAVATIO	N DESCRIP	ΓΙΟΝ:					= <u>54.0</u> pp <u>100</u> ppr	
								6/10/04
SOIL TYPE: SANDY SILTY SAN					R BEDIZO	CK	SAN0570~	
SOIL COLOR: PALE YELL.  COHESION (ALL OTHERS): NON CO					BEDROCK	- LT.	GRAY	
CONSISTENCY (NON COHESIVE SO				iioner c	JOHESIVE			
<del>PLASTICITY (CLAYS</del> ): NON PLASTI				LASTIC	HIGHLY PLAS	TIC		CLOSED
DENSITY (COHESIVE CLAYS & SILT) MOISTURE: DRY / &LIGHTLY MOIST	•			TED			(	(user)
DISCOLORATION/STAINING OBSER	VED: (ES) NO EX	PLANATION -	OUVE TO	CT. GR				
HC ODOR DETECTED: YES NO EX			D 501L &	BEL	order a	- our	n sompt	GRADE
SAMPLE TYPE: GRABY COMPOSITE ADDITIONAL COMMENTS:	- # OF PIS							
BEDROCK								
	· · · · · · · · · · · · · · · · · · ·		FIELD 418.1	CALCL	JLATIONS			
SCALE SAMP. TIN	ME SAMP. ID	LAB N	O. WEIGH	T (g)	mL FREON	DILUT	TIONREADIN	G CALC. (ppm)
0 FT								
PIT PERIMET	ER AN	٦				PI	T PROFI	LE
		R	OVM READING					
	P.O.	SAMPLE	FIELD HEA		4			
, 16	u	1@5	(ppr 3 9 3		1			
BERM	ط \ رو. و.	2 @ 3 @			-			
	7_/	4@						
16	. لاد	5 @			-			
NOT APPLICABLE								
	B.P.D.							
4	7							
		LAF	SAMPLES	3	-			
		SAMPLE ID	ANALYSIS	TIME				
1 1:	, E C		TPH (8058) RTEX (80218)	1227	-			
], ~,	HEAR	"	CHWRIDE	'n	1			
P.D. = PIT DEPRESSION; B.G. = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. =	GRADE; B = BELOW	AU	PASSEC		1			
	) i " '				/ / / /		/	
CALLOUT:	6/10/04-1	more.	ONSI	IE: _6	110/04 -	mor	:N./NOON	<i>\oldsymbol{\sigma}</i>



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

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	15-1 (De5'	Date Reported:	06-13-04
Laboratory Number:	29075	Date Sampled:	06-10-04
Chain of Custody No:	12081	Date Received:	06-11-04
Sample Matrix:	Soil	Date Extracted:	06-11-04
Preservative:	Cool	Date Analyzed:	06-13-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3,870	0.2
Diesel Range (C10 - C28)	850	0.1
Total Petroleum Hydrocarbons	4,720	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:

Barrett A #9 Blow Pit Grab Sample.

Analyst C. Certain

Mustine m Walters
Review



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

	<u>.</u>		
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF-T De5	Date Reported:	06-13-04
Laboratory Number:	29075	Date Sampled:	06-10-04
Chain of Custody:	12081	Date Received:	06-11-04
Sample Matrix:	Soil	Date Analyzed:	06-13-04
Preservative:	Cool	Date Extracted:	06-11-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	123	1.8	
Toluene	901	1.7	
Ethylbenzene	558	1.5	
p,m-Xylene	1,230	2.2	
o-Xylene	1,330	1.0	
Total BTEX	4,140		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery	
	Fluorobenzene	94 %	
	1,4-difluorobenzene	94 %	
	Bromochlorobenzene	94 %	

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:

Barrett A #9 Blow Pit Grab Sample.

Analyst P. Quin



## **Total Chloride**

19.0

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	HT Des'	Date Reported:	06-13-04
Lab ID#:	29075	Date Sampled:	06-10-04
Sample Matrix:	Soil	Date Received:	06-11-04
Preservative:	Cool	Date Analyzed:	06-11-04
Condition:	Cool and Intact	Chain of Custody:	12081

Parameter Concentration (mg/Kg)

Total Chloride

Reference:

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

Comments:

Barrett A #9 Blow Pit Grab Sample.

Muster m Wallers

Review (. Open can)