## District 1 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

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-144 June 1, 2004

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Pit or Relow-Grade Tank Registration or Closure

Is pit or below-grade tan	k covered by a "general plan"? Yes  No or below-grade tank  Closure of a pit or below-gra		
Operator: BP AMERICA PROD. CO. Address: 200 ENERGY COURT. FARMINGTON.	Telephone: (505-326-9200 e-ma NM 87410 API#: 30-045- 10280 U/L or Qtr/C	il address:	
Pit  Type: Drilling   Production   Disposal   PRODUCTION TANK  Workover   Emergency    Lined   Unlined   Liner type: Synthetic   Thicknessmil   Clay    Pit Volumebbl	Below-grade tank  Volume:bbl_ Type-ef-fluid:  Construction material:  Double-walled, with leak detection? Yes 11 If n		
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, rigation 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
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 ☑ You sample results and a diagram of sample locations and excavation	Yes If yes, show depth below ground surface	description of remedial ac	ction taken including
Additional Comments: PIT LOCATED APPROXIMATELY  PIT EXCAVATION: WIDTH n/a ft., LENGTH  PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C  Cubic yards: N/A	y 78 ft. N23E from we n/a ft., depth n/a ft		FEB 2008
STEEL TANK TO BE INSTALLED  I hereby certify that the information above is true and complete to the best			CUNS. DIN S
has been/will be constructed or closed according to NMOCD guideline  Date: 02/24/05	of my knowledge and belief. I further certify that the s ⊠, a general permit □, or an alternative OCD-	ne above-described pit approved plan	or below-grade tanks
PrintedName/Title Jeff Blagg – P.E. # 11607  Your certification and NMOCD approval of this application/closure does reduce the otherwise endanger public health or the environment. Nor does it relieve to regulations.	signaturestrong liability should the contents	of the pit or tank contam uny other federal, state, or	inate ground water or local laws and/or
pproval: Printed Name/Title CEPUTY OR & GAS INSPECTUR, OST. Si	gnature Deny Ken	Date: FEB	2 1 2006

LAND USE: RANGE - BUTCH  FIELD NOTES & REMARKS:  PIT LOCATED APPROXIMATELY  TO FT. N. 23.2 FROM WELLHEAD.  DEPTH TO GROUNDWATER:  NEAREST WATER SOURCE:  PIT NORCO TRANSING SCORE:  OWN CALIB. READ:  SOIL AND EXCAVATION DESCRIPTION:  SOIL TYPE:  SOIL TYPE:  SAND/ SILTY SAND/ SILTY SILTY CLAY / CLAY / GRAVEL / OTHER  SOIL COLOR:  SOIL OTHER:  S	CLIENT: BP	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199		3 LOCATION NO: 81497 COCR NO: 13613		
QUADUNIT L SEC 26 TMP 31M RNG 10W PMM/M CNTY 57 ST, M/M OTRIFOOTAGE: 1017 M 1650 C  EXCAVATION APPROX. NA FT. X MA FT. X MA FT. DEEP, CUBIC YARDAGE:  DISPOSAL FACILITY:  NA FT. X MA FT. X MA FT. DEEP, CUBIC YARDAGE:  Q DISPOSAL FACILITY:  NA REMEDIATION METHOD:  LEASE: NM OLOGU FORMATION:  MV  FIELD NOTES & REMARKS:  PIT LOCATED APPROXIMATELY 78 FT. N 23/2 FROM WELLHEAD.  DEPTH TO GROUNDWATER: MU NEAREST WATER SOURCE:  NMCCD RANKING SCORE:  Q NMCCD THAT CLOSURE STD: 50/2 PPM  NMCCD RANKING SCORE:  Q NMCCD THAT CONTROL OF THE SOURCE OF THE STD OWN CALIB. READ:  SOIL AND EXCAVATION DESCRIPTION:  SOIL COLOR  VI 160 T/A M  SOIL COLOR	FIELD REPORT	: PIT CL	OSURE	VERIFI	CATION	PAGE No: 1 of 1
QUADUNIT L SEC. 26 TAY SIN RNS OW PRAMA ONT: \$1 ST AND OTRIFOOTAGE: 101 11/1650	LOCATION: NAME: ATLA	unc A LS	WELL #:	<u>5 TYPE:</u>	PROD.	
EXCAVATION APPROX. NA FT. X NA FT. X NA FT. X NA FT. DEEP. CUBIC YARDAGE:  DISPOSAL FACILITY:  NA REMEDIATION METHOD:  LEASE: NA REMEDIATION METHOD:  LEASE: NA OCCU FORMATION: MV  FIELD NOTES & REMARKS:  PITLOCATED APPROXIMATELY 78 FT. N. 232 FROM WELLHEAD.  DEPTH TO GROUNDWATER: 2002 NEAREST WATER SOURCE: 2002 NEAREST SURFACE WATER: 2002 NMOCD THE CLOSURE STD: 3002 PPM  SOIL AND EXCAVATION DESCRIPTION:  SOIL AND EXCAVATION DESCRIPTION:  SOIL TYPE: (SAND) SILTY SAND/ SILTY SILTY CLAY / CLAY / CRAY (CLAY / GRAVEL / OTHER SOIL CLORE STD: 3002 PPM  SOIL CLORE  VAI 1000 TA AVAILABLE SOIL SYLCOSES PREM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SILDRIY YERV SILEF / HARD MISTURE DRY (SLIGHTLY PLASTIC COHESINE/ MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESINE CLAYS & SILTS): SOFT / FIRM / STEF / VERY SILEF / HARD DISCOLORATION/STANING OBSERVED: YES AGD EXPLANATION.  MISTURE DRY (SLIGHTLY WORDS MOIST WEST / SANDARDS SUPER SATURATED DISCOLORATION/STANING OBSERVED: NEARED SUPER SATURATED SUPER SATURATED DISCOLORATION SUPER SATURATED SUPER SATURATE	QUAD/UNIT: L SEC: 26	TWP: 31 N RNG	: (OW PM: N	CNTY: 5J	ST: NM	
DISPOSAL FACILITY:  LAND USE: RANGE - GLOC LEASE: NM 0606 FORMATION: MV  FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 78 FT. N 232 FROM WELLHEAD.  DEPTH TO GROUNDWATER: DUD NEAREST WATER SOURCE: DOWN ALIB. READ: TOWN CALIB. READ: TOWN CAND. SUFFICIENT CONCENTRATION DESCRIPTION:  SOIL AND EXCAVATION DESCRIPTION: OWN CALIB. READ: TOWN CONSISTENCY (NO CONESSION SOLIS) (1008) FRAM DENSE VERY DENSE  SOIL COLOR: TY A 100 TA A 100 TO THE RESULT OF T	QTRIFOOTAGE: 1017 2/16	.50€ N	USW CONTR	ACTOR: HD	(Lionel)	SPECIALIST: JCB
LAND USE: RANGE - BLM. LEASE: NM OCO FORMATION: MV  FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 78 FT. N 23E FROM WELLHEAD.  DEPHT TO GROUNDWATER: NO. NEAREST WATER SOURCE: 2/02 NEAREST SURFACE WATER: 2/07/2  NMOCD RANKING SCORE: Q NMOCD THY CLOSURE STD: 500 PM  SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ. = 72 Ppm OVM CALIB. READ. = 72 Ppm OVM CALIB. READ. = 72 Ppm OVM CALIB. READ. = 12 Ppm OVM	EXCAVATION APPROX	<u>NA</u> FT. x	NA FT.	X NA FT.	DEEP. CUB	IC YARDAGE:
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 78 FT. N 23E FROM WELLHEAD.  DEPTH TO GROUNDWATER: 200 NEAREST WATER SOURCE: 2000 NEAREST SURFACE WATER: 2000 NEAREST SURFACE WATER WATER SURFACE WERE WEINE PLASTIC! COHESINE SURFACE WEINE PLASTIC! CHESINE SURFACE WATER	DISPOSAL FACILITY:	AN		REMEDIA	TION METHO	): CLUSE AS IS
DEPTH TO GROUNDWATER: NAME STOWN NEAREST WATER SOURCE: 1000 NEAREST SURFACE WATER: 2000 NAME NEAREST SURFACE WATER: 2000 NAME NAME NAME NAME NAME NAME NAME NAME	LANDUSE: RANGE - 1	3im	LEASE: NI	40606	F	FORMATION: MV
NMOCD RANKING SCORE:  O NMOCD THE CLOSURE STD: SOUP PPM  SOIL AND EXCAVATION DESCRIPTION:  OVM CALIB. READ: 10 ppm RF = 9.52 TIME: 1600 ppm RF = 9	FIELD NOTES & REMAR	KS: PIT LOCA	ATED APPROX	IMATELY 78	3 FT. <u>N</u>	23点 FROM WELLHEAD.
SOIL AND EXCAVATION DESCRIPTION:  OVM CALIB. READ. = C2 - ppm	DEPTH TO GROUNDWATER: > 16	NEAREST W	ATER SOURCE:	`>(003	_ NEAREST SUI	RFACE WATER: シルック
SOIL TYPE: SAMP! SILTY SAND / SILT / SILTY CLAY / CLAY / CLAY / GRAVEL / OTHER  SOIL COOR	NMOCD RANKING SCORE:	NMOCD TPH	CLOSURE STD: _	<u> 5ゼロン</u> PF	РМ	
SOIL TYPE: SAND / SILTY SAND / SILTY SILTY CLAY / CLAY / GRAVEL / OTHER SOIL COLOR:  Y (1020 7A A OTHERS) SOIN COHESIVE SOILS (100 COHESIVE) SUBHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS) (100 SE) / IRM / DENSE / VERY DENSE PLASTICITY (LOLAYS): NON PLASTIC / SILGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD  MOISTURE DRY (SUGHTLY MOISD MOIST / WET / SATURATEO / SUPER SATURATED  DISCOLORATIONSTAINING DESERVED: YES (KG) EXPLANATION.  HIGH OF CRAB/ COMPOSITE - # OF PTS.  SAMPLE TYPE: GRAB/ COMPOSITE - # OF PTS.  SAMPLE TYPE: GRAB/ COMPOSITE - # OF PTS.  SCALE  SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)  O FT  PIT PERIMETER  OVM  READING  SAMPLE   FIELD HEADSPACE   100 SM	SOIL AND EXCAVATION	ON DESCRIPT	ION:		OVM CALIB. G	AS = <u>د ن ا</u> ppm <u>RF = 0.52</u>
COHESION (ALL OTHERS): QON COHESIVES SUIGHTLY COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): QOOSE) FIRM JERNSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SLITS): SOFT / FIRM / STIFF / VERY STIFF / HARD  MOISTURE: DRY (SLIGHTLY MOIST) MOIST / WEST / SATURATED / SUPER SATURATED  DISCOLORATION/STAINING OBSERVED: YES (NO) EXPLANATION: HIGH ODD RETECTED; (ES) NO EXPLANATION: HIGH ODD RETECTED; (ES) NO EXPLANATION: HIGH OF PTS.  SAMPLE TYPE (GRAP) (COMPOSITE + OF PTS.  3 × 3 × 2 ½ 3 × 2 ½ 3 × 5 EARTHER PT. USA  FIELD 418.1 CALCULATIONS  SCALE  SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) INL FREON DILUTION READING CALC. (ppm)  O FT  PIT PERIMETER  OVM READING SAMPLE FIELD HEADSPACE (psm)  SAMPLE FIELD HEADSPACE (psm)  A 4 2 ½  TH + THE SAMPLES AND SAMPLES  FIELD ANALYSIS TIME  STEEL TRACK TO BE  INSTALLED  PD + PIT DEPRESSION; B.G BELOW GRADE: B - BELOW TH + TEST HOLE APPROX; T.B TANK BOTTOM	SOIL TYPE: SAND SILTY SA	ND / SILT / SILTY (	CLAY / CLAY / C	GRAVEL / OTHI		ani/piii DATE.
CONSISTENCY (NON COHESIVE SOILS) (LOOSE) FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SUGRITY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (CLAYS) & SULTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY (SUGHTY MOISD MOIST / WET; SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES (NO) PLASTICITY (SUBHTY MOISD MOIST / WET; SATURATED) DISCOLORATION/STAINING OBSERVED: YES (NO) PART OF PTS  SAMPLE TYPE (GRAP / COMPOSITE - # OF PTS.  ADDITIONAL COMMENTS:	SOIL COLOR: Yell	OW TAN				
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC  DENSITY (COMESIVE CLAYS & SLITS): SOFT / FIRM / STIFF / VERY STIFF / HARD  MOISTURE: PRY (SCIGHTLY MOIST) MOIST / MET / MOIST MOIST / MET /					CONESIVE	
MOISTURE: DRY (SLIGHTLY MOIST) MOIST WET / SATURATED / SUPER SATURATED DISCOLORATION: STAINING OBSERVE): YES (D) EXPLANATION.  MIND ORD DETECTED (ES) NO EXPLANATION.  MIND OF T.  BACKING TO PTS.  J 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	PLASTICITY (CLAYS): NON PLAST	IC / SLIGHTLY PLAST	IC / COHESIVE / I	MEDIUM PLASTIC	/ HIGHLY PLASTIC	
DISCOLORATIONISTAINING OBSERVED: YES (IG) EXPLANATION.  MINDRODOR DETECTED: (ES) NO EXPLANATION. MINDRODOR  SAMPLE TYPE: (GRA) COMPOSITE: 40 PTS.  ADDITIONAL COMMENTS:    Saethur to dig tost halve frampin. Lity obie.    Will set of 21 BBL TANK here.		. ,				(CLOSED)
SCALE  SCALE  SAMP. TIME SAMP. ID  PIT PERIMETER  OVM  SAMPLE	DISCOLORATION/STAINING OBSE	RVED: YES (NO) EXP	LANATION			
ADDITIONAL COMMENTS:    Table   Samp   Time   Samp   Samp						
SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)  O FT  PIT PERIMETER  OVM READING SAMPLE FIELD HEADSPACE (ppm)  1	ADDITIONAL COMMENTS:		$\mathcal{D} \times \mathcal{B}$			
SCALE  SAMP. TIME SAMP. ID  LAB NO. WEIGHT (g) ML FREON DILUTION READING CALC. (ppm)  OFT  PIT PERIMETER  OVM  READING  SAMPLE FIELD HEADSPACE (ppm)  1@ 5-7 78 A  2@ 3@ 22  3@ 22  TH  SAMPLE SAMPLES  SAMPLE ANALYSIS TIME 10.55 TPM (6/5)  FIELD 418.1 CALCULATIONS  DILUTION READING CALC. (ppm)  PIT PROFILE  SAMPLE SAMPLES  SAMPLE ANALYSIS TIME 10.55 TPM (6/5)  FIELD 418.1 CALCULATIONS  FIELD 418.1 CALCULATI					<del></del>	te usue,
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW TH = TEST HOLE; - = APPROX; T.B. = TANK BOTTOM	00415					
PIT PERIMETER  OVM  READING  SAMPLE FIELD HEADSPACE (ppm)  1 @ 5 7 78 A  2 @ 3 @ 2 2 2	SCALE SAMP. TI	ME SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON I	DILUTION READING CALC. (ppm)
PIT PERIMETER  OVM  READING  SAMPLE FIELD HEADSPACE (ppm)  1 @ 5 7 78 A  2 @ 3 @ 2 2 2	0 FT					
A  SAMPLE  SAM		TED	1	ļ		DIT DDOEILE
READING SAMPLE FIELD HEADSPACE (ppm)  1@ 5 7 78 2@ 3@ 22 3@ 22 TH  SAMPLE SAMPLES SAMPLES SAMPLES SAMPLE ANALYSIS TIME 10 5 7 79 10 10 10 10 10 10 10 10 10 10 10 10 10	FITERINE	IER	7 0	VM		FILENOFILE
A  B  SAMPLE  SAMPLE  SAMPLE  A  SAMPLE  SAMPLE  A  SAMPLE  A  SAMPLE  SAMPLE  A  SAMPLE  SAMPLE  A  SAMPLE  SAMPLE  SAMPLE  SAMPLE  A  SAMPLE  INSTRUCT  INSTRUCT  TH = TEST HOLE: - = APPROX; T.B. = TANK BOTTOM	o'	/PD	REA	DING		
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW TH. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM  P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW TH. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM  P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW TH. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM	8		ID	(ppm)	<u> </u>	—8° → -
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW TH. = TEST HOLE; ~= APPROX; T.B. = TANK BOTTOM				78	A	A
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW TH. = TEST HOLE; - = APPROX; T.B. = TANK BOTTOM				1	2 1	<b>/</b>
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM	A	g'A			7	7 (52
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM					_	
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		T TH				4
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM				·		
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		rando	IABS	AMDIES		
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		34/4/6	SAMPLE A		E / 57EE	EL TANK TO BE
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM			1)05-2 TH	PH 1619	[ N2	mus)
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM				(350		- Jar
TRAVEL NOTES					$\exists$	
CALLOUT: 2/22/55 ONSITE: 2/22/55						



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

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 51/2'	Date Reported:	02-24-05
Laboratory Number:	32211	Date Sampled:	02-22-05
Chain of Custody No:	13613	Date Received:	02-23-05
Sample Matrix:	Soil	Date Extracted:	02-23-05
Preservative:	Cool	Date Analyzed:	02-24-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	840	0.2
Diesel Range (C10 - C28)	99.2	0.1
Total Petroleum Hydrocarbons	939	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:

Atlantic A LS #5 Prod Pit.

Analyst C. Oglinia

(Review Mi) acteur