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 Form C-144 June 1, 2004

OTL CONS. DIV.

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

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes 🔀 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 Address: 200 Energy Ct, Farmington, NM 87401 Facility or well name: BARRETT LS # 4A API #: 30045 22400 U/L or Qtr/Qtr P Sec 20 T 31 NR 9 W Longitude NAD: 1927 🗌 1983 🔀 County: San Juan Latitude Surface Owner: Federal X State Private Indian Pit Below-grade tank Type: Drilling Production Disposal Volume: bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes If not, explain why not. Lined Unlined U Liner type: Synthetic Thickness mil Clay Pit Volume ____bbl 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.) 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) irrigation canals, ditches, and perennial and ephemeral watercourses.) (0 points) 1000 feet or more 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) Indicate 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 excavations. 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 [3], a general permit [1], or an (attached) alternative OCD-approved plan [1]. Date: 11/01/2005 Printed Name/Title Jeffrey C. Blagg, Agent 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 TEPUTY OIL & GAS INSPECTOR, DIST. 40 Printed Name/Title

FIELD REPORT: PIT CLOSURE VERIFICATION OCATION: MAME BARKETT LS WELLE 4A TYPE BLOW OCATION: MAME BARKETT LS WELLE 4A TYPE BLOW OCATION: MAME BARKETT LS WELLE 4A TYPE BLOW OTRIFOOTAGE: 100 S S 107 S E SCANDAROTOR: FLOW OTRIFOOTAGE: 100 S S 107 S E SCANDAROTOR: FLOW OTRIFOOTAGE: 100 S S 107 S E SCANDAROTOR: FLOW OTRIFOOTAGE: 100 S S 107 S E SCANDAROTOR: FLOW OTRIFOOTAGE: 100 S S 107 S E SCANDAROTOR: FLOW OTRIFOOTAGE: 100 S S 107 S E SCANDAROTOR: FLOW OTRIFOOTAGE: 100 S S 107 S E SCANDAROTOR: FLOW OTRIFOOTAGE: 100 S S 107 S E SCANDAROTOR: FLOW INDOOD RANKING SCORE: O NEAREST WATER SOURCE: FLOW OND CALIBRITION FROM WELLHEAD SOIL AND EXCAVATION DESCRIPTION: OUN CALIBRITION FROM WELLHEAD OF SCANDAROTOR CONTROL OF SCANDAROTOR SCANDAROTOR FLOW OND COLOR OF STANDARD BLITY BAND / BILT I SULTY CLAY / CLAY / GRAVE / OTHER OF SCANDAROTOR CONTROL OF SCANDAROTOR SCANDAROTOR FLOW OND COLOR OF STANDARD BLITY BAND / BILT I SULTY CLAY / CLAY / GRAVE / OTHER OF SCANDAROTOR CONTROL OF SCANDAROTOR SCANDAROTOR FLOW OND COLOR OF STANDARD BLITY BAND / BILT I SULTY CLAY / CLAY / GRAVE / OTHER OF SCANDAROTOR CONTROL OF SCANDAROTOR SCANDAROTOR CONTROL OF SCANDAROTOR CONTROL OF SCANDAROTOR OND COLOR OF SCANDAROTOR CONTROL OF SCANDAROTOR CONTROL OF SCANDAROTOR ON SCHOOL OF SCANDAROTOR CONTROL OF SCANDAROTOR CONTROL OF SCANDAROTOR ON SCHOOL OF SCANDAROTOR CONTROL OF SCANDAROTOR CONTROL OF SCANDAROTOR ON SCHOOL OF SCANDAROTOR CONTROL OF SCANDAROTOR	CLIENT:	3P 1	P.O. BOX	9G ENGII 87, BLO (505) 632	OMFIELD	•	113	ATION NO: CR NO:	B1179
QUADUNITÉ SEC ZO TWP. 31N RNG 9W PM NOT CHTY: S.T. ST. NOT COTTRECTORE (10.5 S / 17.5 E SCI SC CONTRACTOR FLINT (70HN) ST. SCI	FIELD R	EPORT:	PIT CL	OSURE	VERIFI	CATIO	N PAG	E No:/	of
QUADLINT: SEC. 20 TMP; 310 RINGTILD PRE PAYL CHTY: 5.7 ST. PAYL OTRIFOOTAGE: (10.5 S) (17.5 E SCISE CONTRACTOR, FLITT (70HD) SPECIALIST. EXCAVATION APPROX. MA FT. X MA FT. X MA FT. DEEP. CUBIC YARDAGE: MA DISPOSAL FACILITY: DA 5 TEE REMEDIATION METHOD: CLOSE 83 15 AND USE: SAPCE SLIM. LEASE: SE OT 83368 FORMATION: MV SIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 1078 FT. S86W FROM WELLHEAD. DEPTH TO GROUNDWATER: 200 NAME WATER SOURCE: 200 NAME STOLED NAME OF THE STOLED	LOCATION: NAI	ME: BARRET	r L3	WELL#: L	TYPE	BLOW	DATE	STARTED:	3/26/03
SCAVATION APPROX. MA FT. X NA FT. X NA FT. X PA FT. DEEP. CUBIC PREDAGE: MA DISPOSAL FACILITY: DISPOSAL	QUAD/UNIT:	SEC: ZO T	WP: 310 RN	BIPW PM:	JUN CHTY: 5	J ST: NM			
DISPOSAL FACILITY: DISPOSAL FACILITY: AND USE: AND WEIGHT USE: AND WEIGHT USE: AND WEIGHT USE: AND WEIGHT USE: AND USE OF A PART	QTR/FOOTAGE	:1105 5 117	s'€ 5	EL CONTR	ACTOR: FLIA	TOHO TOHO	SPECI		NV
AND USE: RANGE - BLML LEASE: SF 0783368 FORMATION: MV TIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 108 FT. 586W FROM WELLHEAD. DEPTH TO GROUNDWATER: 2/00 NEAREST WATER SOURCE: 2/00 NEAREST SURFACE WATER: 2/000/NEAREST WATER SOURCE: 2/000 NEAREST WATER SOURCE: 2/000 NEARE	EXCAVATION	APPROX.	<i>№</i> А_ FT. х	<u> </u>	x <u>~A</u> FT	. DEEP. CI	JBIC YARE	AGE: _	NA
PIT LOCATED APPROXIMATELY 108 FT. \$86\to FROM WELLHEAD. PROMETO GROUNDWATER: 2/00 NEAREST WATER SOURCE: 2/000 NEAREST WATER: 2/000 NEAREST WATER SOURCE: 2/000 NEW COLORIS NEAREST WATER SOURCE: 2/000 NOW CALIB. READ. * 57.3 ppm OWN CALIB. READ. * 57.3 ppm OWN CALIB. READ. * 57.3 ppm OWN CALIB. READ. * 57.5 pp									3 12
NAMED THE DEPTH TO GROUNDWATER: \$7.00 NEAREST WATER SOURCE: \$500 PPM SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ. = \$3.3 PPM OVM CALIB. READ. = \$7.3 PM OVM CALIB. READ. = \$7.3 PPM OVM CALIB.	LAND USE:	RANGE-	BLM	LEASE:	5F 078	336B	FORMAT	ION:	MV
SOIL AND EXCAVATION DESCRIPTION: SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ. = 57.3 ppm OVM CALIB. READ. = 57.3 ppm OVM CALIB. GAS = 100 ppm RF = 0.52 TIME: 9.56 @pm DATE: 3/2.6.03 OIL TYPE: SAND/ SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERS (F. 1.0.0) ppm RF = 0.52 TIME: 9.56 @pm DATE: 3/2.6.03 OIL TYPE: SAND/ SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERS (F. 1.0.0) ppm RF = 0.52 TIME: 9.56 @pm DATE: 3/2.6.03 OIL TYPE: SAND/ SILTY SAND / SILTY SAND / SILTY CLAY / CLAY / GRAVEL / OTHERS (F. 1.0.0) ppm RF = 0.52 TIME: 9.56 @pm DATE: 3/2.6.03 OIL TYPE: SAND/ SILTY SAND / SILTY SAND / SILTY / SILTY / CLAY / GRAVEL / OTHERS (F. 1.0.0) ppm RF = 0.52 TIME: 9.56 @pm DATE: 3/2.6.03 ONE SILT (AND COMESTED - USE) (AD COMESTED - USE / SILD SILTY / COMESTED / SILTY / COMESTED - USE / SILD SILTY /	FIELD NOTES	& REMARK	S: PIT LOC	ATED APPROX	(IMATELY 105	<u>B FT.</u>	586W	FROM	WELLHEAD.
SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ = \$3.3 ppm OVM CALIB. GAS = \$70 ppm RF = 0.52 TIME: \$7.50 ppm P	•						SURFACE WAT	ER:	ه ه <i>د</i> /
OVM CALIB. GAS - 100 ppm RF - 0.52 TIME 9:56 @ Dom DATE: 3/26/03 OIL TYPE: SAND/ SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER OIL COLOR: 100 TO 20 XELL. 65000 Y 10 GM P TO GM P	NMOCD RANKING SC	ORE:	_ NMOCD TPH	CLOSURE STD: .	5000 PF				
DIL TYPE: SAND/ SILTY SAND / SILTY CLAY / CLAY / CRAY E TO DESCRIPTION DATE: 3/26/3 OIL COLOR: MICO. TO DK. YELL. CROWN Y MICONESIVE / COMESTER / COMESTE	SOIL AND EX	XCAVATION	N DESCRIPT	ION:					
OIL COLOR:									
OHESION (ALL OTHERS): MON COHESIVE SUBHITY COHESIVE / COHESIVE / HIGHLY COHESIVE ON SISTENCY (NON COHESIVE SOILS): GOBD/CEND DONES / VERY DENSE LATIFICITY (CENTRY): NON PLASTIC / SUBHITY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC ENSITY (COHESIVE - BUTTS): SOFT / FIRM / STIFF / VERY STIFF / HARD OISTURE: ORY / SUBHITY MOIST MAGING WET / SATURATED / SUPER A SATURATED ISCOLORATION/STAINING OBSERVED: CES / NO EXPLANATION	SOIL TYPE: SANI	DI SILTY SAND	/ SILT / SILTY	CLAY / CLAY /	GRAVEL / OTHI	ER			
DEPTI DEPRESSION; B. G BELOW GRADE; B - BELOW HE PLASTIC / COHESINE / MEDIUM PLASTIC / HIGHLY PLASTIC CHISTRY (COHESINE OLAY) 5 (BIGHTLY PLASTIC / FIRM / STIFF / FRANK / STIFF / S							ace - ver	MINOR	AMT.
PRISTY COHERNE CHAYS & GHT9: SOFT / FIRM / STIFF / VERY STIFF / MARD OISTURE: DRY SLIGHTLY MOIST AGOST) WET / SATURATED / SUPER SATURATED SCOLORATION/STAINING OBSERVED: CTS) NO EXPLANATION - ASTED A BOXE C ODOR DETECTED: YES / BOY EXPLANATION - ASTED A BOXE C ODOR DETECTED: YES / BOY EXPLANATION - ASTED A BOXE C ODOR DETECTED: YES / BOY EXPLANATION - ASTED A BOXE DITIONAL COMMENTS: ASTED A BOY EXPLANATION - ASTED A BOXE SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (8) ML FREON DILUTION READING CALC. (ppm) O FT PIT PERIMETER O OVM READING SAMPLE FIELD HEADSPACE (pm) 100 7.5 PC OCCUPANCE 100 7.5 PC OCCUPANCE 100 7.5 PC OCCUPANCE LAB SAMPLES SAMPLE FIELD HEADSPACE (pm) 100 7.5 PC OCCUPANCE LAB SAMPLES SAMPLE ANALYSIS TIME D PIT DEPRESSION; B. C BELOW GRADE: B - BELOW H TEST HOLE: - ASPROX; T. B TANK BOTTOM	•								
DISTURE: DRY / SLIGHTLY MOIST ACOUST WET / SATURATED / SUPER SATURATED SCOLORATION:STAINING OBSERVED: CEST NO EXPLANATION - APPLICABLE COORD DETECTIE: YES / (AD) EXPLANATION - APPLICABLE PIT PERIMETER DITIONAL COMMENTS: MO THE SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) OFT PIT PERIMETER OVM READING SAMPLE PIT DEPRESSION: B. G BELOW GRADE: B - BELOW H TEST HOLE: - APPROX. T. 8 TANK BOTTOM		,				HIGHLY PLAST	ic		
CODOR DETECTED: YES IN ERPLANATION. AMPLE TYPE: CORNECTED. FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) OFT PIT PERIMETER OVM READING SAMPLE 10 10 2.5' 0.0 3 0 4 0 5 0 6 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MOISTURE: DRY / SI	LIGHTLY MOIST A	MOIST / WET / SAT	URATED / SUPE	R SATURATED				CLO SED
AMPLE TYPE: GRAD COMPOSITE - 8 OF PTS. PIT PERIMETER N PIT PERIMETER N PIT PERIMETER N PIT PROFILE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) PIT PERIMETER N OVM READING SAMPLE FIELD HADSPACE (ppm) 10 7.5 0 0 3 0 4 0 0 5 0 0 LAB SAMPLES SAM				LANATION - 📈	STED ABO	JE			
FIELD 418.1 CALCULATIONS 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	SAMPLE TYPE: CRA	B) COMPOSITE -	# OF PTS.						
SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE (ppm) 10 7.5' 0.0 20 30 40 40 50 50 50 50 50 50 50 50 50 50 50 50 50	ADDITIONAL COMME	NTS: NO TI	PH ANALYSI	S WAY CO	NDUCTED.				
SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE (ppm) 10 7.5' 0.0 20 30 40 40 50 50 50 50 50 50 50 50 50 50 50 50 50		-							
D. PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; - = APPROX; T.B. = TANK BOTTOM	SCALE		1	T	T		1		
PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE (ppm) 1	JUALL	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; -= APPROX.; T.B. = TANK BOTTOM OVM READING SAMPLE FIELD HEADSPACE (ppm) 100 7.5 00 2 00 3 00 4 00 5 00 NOT APPLICABLE APPLICABLE NOT APPLICABLE	0 FT								
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; -= APPROX.; T.B. = TANK BOTTOM OVM READING SAMPLE FIELD HEADSPACE (ppm) 100 7.5 00 2 00 3 00 4 00 5 00 NOT APPLICABLE APPLICABLE NOT APPLICABLE	- ·	PERIMETE	R AN	<u> </u>	<u> </u>		ł		
SAMPLE FIELD HEADSPACE (ppm) 1	PITF						PITF	PROFIL	F
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	PITF		D·				PITF	ROFIL	E
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	<u>PIT F</u>		~ '	REA	DING		PITF	ROFIL	E
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; = APPROX; T.B. = TANK BOTTOM	PITF		~ '	REA SAMPLE ID	DING FIELD HEADSPACE (ppm)		PITF	ROFIL	E
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM	PITF	7	~ '	REA SAMPLE ID 1 @ 7.57 2 @	DING FIELD HEADSPACE (ppm)		PITF	ROFIL	E
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	PIT F	21	7. H 5	REA SAMPLE ID 1 @ 7.5' 2 @ 3 @	DING FIELD HEADSPACE (ppm)		PIT F	ROFIL	E
LAB SAMPLES LAB SAMPLES SAMPLE ANALYSIS TIME 1433 D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		21	7. H 5	REA SAMPLE ID 1 @ 7.5° 2 @ 3 @ 4 @	DING FIELD HEADSPACE (ppm)		PITF	ROFIL	E
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		21	7. H 5	REA SAMPLE ID 1 @ 7.5° 2 @ 3 @ 4 @	DING FIELD HEADSPACE (ppm)				
LAB SAMPLES SAMPLE ANALYSIS TIME 1 1 1 3 3 D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	, [21	7. H. S. P. D. B. P. D.	REA SAMPLE ID 1 @ 7.5° 2 @ 3 @ 4 @	DING FIELD HEADSPACE (ppm)				
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	, [21	T.H.S. T.H.S. B.P.D. TO WELL	REA SAMPLE ID 1 @ 7.5° 2 @ 3 @ 4 @	DING FIELD HEADSPACE (ppm)				
D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	, 7 /	21	T.H.S. T.H.S. B.P.D. TO WELL	REA SAMPLE ID 1 @ 7.5' 2 @ 3 @ 4 @ 5 @	ADING FIELD HEADSPACE (ppm) 9-0				
H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	.7 /	21	T.H.S. T.H.S. B.P.D. TO WELL	REA SAMPLE ID 1 @ 7.5' 2 @ 3 @ 4 @ 5 @	ADING FIELD HEADSPACE (PPM)	~			
H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	, 7 /	21	T.H.S. T.H.S. B.P.D. TO WELL	REA SAMPLE ID 1 @ 7.5' 2 @ 3 @ 4 @ 5 @ LAB SA SAMPLE AN	ADING FIELD HEADSPACE (PPM)	~			
H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	, 7 /	21	T.H.S. T.H.S. B.P.D. TO WELL	REA SAMPLE ID 1 @ 7.5' 2 @ 3 @ 4 @ 5 @ LAB SA SAMPLE AN	ADING FIELD HEADSPACE (PPM)	~			
CALLOUT: 3/26/03 - MORN. ONSITE: 3/26/03 - AFTER.	22'	21' RERM	T. H. S. TO WELL HERD	REA SAMPLE ID 1 @ 7.5′ 2 @ 3 @ 4 @ 5 @ LAB SAMPLE AN	ADING FIELD HEADSPACE (PPM)	~			
	2.2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	N; B.G. = BELOW G APPROX.; T.B. = T/	BRADE; B = BELOW ANK BOTTOM	REA SAMPLE ID 1 @ 7.5' 2 @ 3 @ 4 @ 5 @ LAB SAMPLE AN	ADING FIELD HEADSPACE (PPM)	\(\sigma\)	OT APP	UCARU	