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	ik covered by a "general plan"? Yes 🔀 Nor below-grade tank 🗌 Closure of a pit or below-g	O L. rade tank 🔀			
Operator: BP America Production Company Telephon Address: 200 Energy Ct, Farmington, NM 87401,					
Facility or well name: Heaton Com B#2 API#:	30045 2407/ U/L or Qtr/Qtr A	- Sec 30 T31N R 11W			
	Longitude				
Surface Owner: Federal State Private Indian					
<u>Pit</u>	Below-grade tank				
ve: Drilling Production Disposal Volume:bbl Type of fluid:					
Workover					
Lined Unlined	Double-walled, with leak detection? Yes If not, explain why not.				
Liner type: Synthetic Thicknessmil Clay					
Pit Volumebbl					
	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.)					
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)			
,,,	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	·				
remediation start date and end date. (4) Groundwater encountered: No					
(5) Attach soil sample results and a diagram of sample locations and excava		•			
Additional Comments:					
See Attached Documentation					
I hereby certify that the information above is true and complete to the best has been/will be constructed or closed according to NMOCD guideling	t of my knowledge and belief. I further certify that es 🔀, a general permit 🔲, or an (attached) altern	t the above-described pit or below-grade tank native OCD-approved plan .			
Date: 11/01/2005	1				
Printed Name/Title Jeffrey C. Blagg, Agent Signa	ture Jeffy C. Slig.	>			
Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve regulations.	not relieve the operator of liability should the conten	its of the pit or tank contaminate ground water or any other federal, state, or local laws and/or			
Approval: COVIN CO () GAS INSTACTOR, CONT. (S) Printed Name/Title	Signature BABAM	Date: DEU 1 9 2005			

FIELD REPORT: PIT CLOSURE VERIFICATION PAGE NO: / of / LOCATION: NAME: HEATON COME & WELL #: 2 TYPE: 6/200. QUAD/UNIT: A SEC: 30 TWP: 310 RNG: 1100 PM: NAM. CNTY: ST ST: NOM. QTR/FOOTAGE: 990 N/990 NEIGE CONTRACTOR: FLINT EXCAVATION APPROX. NA FT. X NA FT. X NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LOSE AS IS LAND USE: RANGE - B-M. LEASE: CA SEM 1508 FORMATION: OK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 140 FT. S19E FROM WELLHEAD DEPTH TO GROUNDVATER: 2100 NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000' NMOCD RANKING SCORE: ON NMOCD THE CLOSURE STD: 5000 PPM SOIL AND EXCAVATION DESCRIPTION: SOIL COLOR: MO. ZELL BROWN SLIGHTLY CLAY / CLAY / GRAVEL OTHER READ. S114 Z SOIL COLOR: MO. ZELL BROWN SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE COHESION (ALL OTHERS): ROIN COHESIVE SOILS): LOOSE / FIRM / STIFF / VERY STIFF / HARD MOISTURE: BRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / CDD EXPLANATION - HC DOOR DETECTED: YES / NDD EXPLANATION - BARDITION- SAMPLE TYPE: GRAD / COMPOSITE - H OF PTS. ADDITIONAL COMMENTS: SAMPLE COMPOSITE - H OF PTS.					
QUAD/UNIT: A SEC: 30 TWP: 310 RNG: 1100 PM: AM CNTY: ST ST: NM QUAD/UNIT: A SEC: 30 TWP: 310 RNG: 1100 PM: AM CNTY: ST ST: NM QUAD/UNIT: A SEC: 30 TWP: 310 RNG: 1100 PM: AM CNTY: ST ST: NM EXCAVATION APPROX. NA FT. X NA FT. X NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LOSSE AS IS LAND USE: REMER-B-M LEASE: CA SRM ISOS FORMATION: OK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 140 FT. STAR FROM WELLHEAD DEPTH TO GROUNDWATER: 2100 NEAREST WATER SOURCE: 21000 NEAREST SURFACE VATER: 21000 NEAREST SURFACE NEAREST SURFACE VATER: 21000 NEAREST SURFACE NEAREST					
EXCAVATION APPROX. NA FT x NA FT x NA FT. X NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LOSE AS IS LAND USE: RPNCE - BLINL LEASE: CA 5RM ISO8 FORMATION: OK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 140 FT. 579E FROM WELLHEAD DEPTH TO GROUNDWATER: 2100 NAME NEAREST WATER SOURCE: >1000 NEAREST SURFACE VATER: >1000 NAME OF ANKING SCORE: ON NMOCD THE CLOSURE STD: 5000 PPM SOIL AND EXCAVATION DESCRIPTION: TIME: 2:15 any (FT) DATE: 3/14/62 SOIL TYPE: GAND/ SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEADER (SANDSTONE) SOIL COLOR: NOO. COHESIVE / SILTY COHESIVE / COHESIVE / HIGHLY PLASTIC / DEASTICITY (CLAYS): NON PLASTIC / SILTHY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DEASTICITY (CLAYS): NON PLASTIC / SILTHY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DEASTICY (NON COHESIVE SILTS): SOIT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / CLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING DESERVED: YES / MD EXPLANATION - HC ODOR DETECTED: YES / ND EXPLANATION - SAMPLE TYPE: GRAB / COMPOSITE - # OF PS. — ADDITIONAL COMMENTS: SAMPLE COLECTED FROM TOP OF BEDROIL FAIRBLE MARD. SEARCE @ SELONG GRADE VERY MARD.					
LEASE: CA SRM 1508 FORMATION: OK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 140 FT. 5798 FROM WELLHEAD DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000 NEAREST SURFACE NEAREST SURFACE WATER: >1000 NEAREST					
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 140 FT. 579% FROM WELLHEAD DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000' NMOCD RANKING SCORE: O NMOCD TPH CLOSURE STD: 5000 PPM SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEOMOCK (SANDSTONE) SOIL OCLOR: MOO. YELL. BROWN BROWN BROWN COHESIVE / HIGHLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LODGE / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE GLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD DISCOLORATION/STAINING OBSERVED: YES / OD EXPLANATION - HC ODOR DETECTED: YES / NO EXPLANATION - SAMPLE TYPE: GRAD / COMPOSITE - # OF PIS. — ADDITIONAL COMMENTS: SAMPLE COLUECTED FROM TOP OF BEDREIX FRIEBLE HARD, SEARCE COLUECTED FROM TOP OF BEDREIX FRIEBLE HARD.					
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000' NMOCD RANKING SCORE: O NMOCD TPH CLOSURE STD: 5000 PPM SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: AND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEOMOCK (SANDSTONE) SOIL COLOR: MOO. YELL BROWN COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE GLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / NOD EXPLANATION - HC ODOR DETECTED: YES / NOD EXPLANATION - HC ODOR DETECTED: YES / NOD EXPLANATION - SAMPLE TYPE: GRAD / COMPOSITE - # OF PTS. — ADDITIONAL COMMENTS: SAMPLE COLLECTED FROM TOP OF BEORGER, FRIPSLE HARD, SEDRECK @ 6' BELOW GRADE VERY HARD.					
SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: CAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEONCE (SANDSTONE) SOIL COLOR: SOIL TYPE: CAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEONCE (SANDSTONE) SOIL COLOR: SOIL TYPE: CAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEONCE (SANDSTONE) SOIL COLOR: SOIL TYPE: CAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEONCE (SANDSTONE) SOIL TYPE: CAND / SILTY SAND / SILTY CLAY / CLAY / GRAVEL / OTHER BEONCE (SANDSTONE) SOIL TYPE: CAND / SILTY SAND / SILTY CLAY / CLAY / GRAVEL / OTHER BEONCE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE PLASTICITY (COHESIVE GLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SILGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - HC ODOR DETECTED: YES / NO EXPLANATION - HC ODOR DETECTED: YES / NO EXPLANATION - SAMPLE TYPE: GRAD / COMPOSITE - # OF PTS. — ADDITIONAL COMMENTS: SAMPLE CONECTED FROM TOP OF BEONCAR, FRIABLE HARD, BEONCAL C BEONCAL CALLED AND COMPOSITE - # OF PTS. — ADDITIONAL COMMENTS: SAMPLE CONECTED FROM TOP OF BEONCAR, FRIABLE HARD, BEONCAL C BEONCAL CALLED AND COMPOSITE - # OF PTS. — ADDITIONAL COMMENTS: SAMPLE CONECTED FROM TOP OF BEONCAR, FRIABLE HARD, BEONCAL C					
DESCRIPTION: DESCRIPTION: SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDIOCK (SANDSTONE) SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDIOCK (SANDSTONE) SOIL COLOR: MOD. YELL. BROWN BECKER - OK. YELL. ORDING TO ALE YELL. BROWN COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE GLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / OD EXPLANATION - HC ODOR DETECTED: YES / NO EXPLANATION - HC ODOR DETECTED: YES / NO EXPLANATION - ADDITIONAL COMMENTS: SAMPLE COMECTED FROM TOP OF BEDROOK, FRIABLE HARD, BEDROOK @ BEDROOK 6' BELOW GRADE VERY HARD.					
DESCRIPTION: TIME: 2:15 am/pp Date: 3/14/02 SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEONOCK (SANDSTONE) SOIL COLOR: MOD. YELL. BROWN BEONOCK (SANDSTONE) COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOUSE / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE GLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - HC ODOR DETECTED: YES / NO EXPLANATION - SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. — ADDITIONAL COMMENTS: SAMPLE COHECTED FROM TOP OF BEONOCK FRIABLE HARD. BEONOCK @ SEORCEK 66 BEON GROPE VERY HARD.					
SOIL TYPE: SAND / SILTY SAND / SILTY SILTY CLAY / CLAY / GRAVEL / OTHER BEONDER (SANDSTONE) SOIL COLOR: MOD. YELL BROWN BEOROX - OK. YELL ORANGE TO ALE YELL BROWN COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE GLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - HC ODOR DETECTED: YES / NO EXPLANATION - SAMPLE TYPE: GRAD / COMPOSITE - # OF PTS. — ADDITIONAL COMMENTS: SAMPLE COLECTED FROM TOP OF BEOROXI FRIBLE HARD. BEOROXI @ BEDROOK 66 BEORD GROPE VERY HARD.					
SOIL COLOR: MOD. YELL. BROWN COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / NOD EXPLANATION - HC ODOR DETECTED: YES / NOD EXPLANATION - SAMPLE TYPE: GRAD / COMPOSITE - # OF PTS. ADDITIONAL COMMENTS: SAMPLE COLECTED FROM TOP OF BEORGER, FRIBLE HARD. SERRICLE BEORGEK 6 BLOW GROPE VERY HARD.					
CONSISTENCY (NON COHESIVE SOILS): LODSE / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / NOD EXPLANATION - HC ODOR DETECTED: YES / NOD EXPLANATION - SAMPLE TYPE: GRAD / COMPOSITE - # OF PTS ADDITIONAL COMMENTS: SAMPLE COLLECTED FROM TOP OF BEORGER, FRIABLE MARD. SEARCER BEORGEK 6 BLOW GROPE VERY MARD.					
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / NOD EXPLANATION - HC ODOR DETECTED: YES / NOD EXPLANATION - SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS ADDITIONAL COMMENTS: SAMPLE COLLECTED FROM TOP OF BEORGER, FRIABLE MARD. SERRICLE OF BEORGER.					
MOISTURE: DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / ND EXPLANATION - HC ODOR DETECTED: YES / ND EXPLANATION - SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS ADDITIONAL COMMENTS: SAMPLE COLLECTED FROM TOP OF BEDROIX FRIABLE HARD. SECRECK & BEDROIK 6' BELOW GRADE VERY HARD.					
MOISTURE: DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - HC ODOR DETECTED: YES / NO EXPLANATION - SAMPLE TYPE: GRAD / COMPOSITE - # OF PTS ADDITIONAL COMMENTS: SAMPLE COLLECTED FROM TOP OF BEORGER, FRIABLE HARD. SECRECK @ BEORGEK 6' BEORGE VERY HARD.					
HC ODOR DETECTED: YES / NO EXPLANATION					
ADDITIONAL COMMENTS: SAMPLE COLLECTED FROM TOP OF BEDROCK PRIABLE HARD. BEDROCK P BEDROCK 6'BELOW GRADE VERY HARD.					
BEDRACK 6'BELOW GRADE VERY HARD.					
BOTTOM					
FIELD 418.1 CALCULATIONS SCALE SAMPLE LD LAB NO. WEIGHT (2) THE FRONT DILUTION BEADING CALC.					
SAMP. TIME SAMPLE I.D. LAB No: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm					
O FT					
PIT PERIMETER 🔪 PIT PROFILE					
PIT PERIMETER NO PIT PROFILE OVM					
RESULTS					
O D . SAMPLE FIELD HEADSPACE					
1 2 5 0.0					
8 tem \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					
4 @					
BERM T 5 @					
PROD IN IN IN NOT APPLICABLE					
TANK) A SUDPE					
LAB SAMPLES					
SAMPLE ANALYSIS TIME					
TO A POLICE TO THE PROPERTY OF					
JEL 170 (30158) 0835					
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE T.H. = TEST HOLE; ~ = APPROX.; B = BELOW					



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

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	03-20-02
Laboratory Number:	22304	Date Sampled:	03-15-02
Chain of Custody No:	9799	Date Received:	03-15-02
Sample Matrix:	Soil	Date Extracted:	03-18-02
Preservative:	Cool	Date Analyzed:	03-20-02
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)	ND	0.1
Total Petroleum Hydrocarbons	ND ND	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:

Heaton Com B #2 Production Tank Pit Grab Sample.