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

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 Telephone (505)326-9200 e-mail address:
Address 200 Energy Ct, Farmington, NM 87401
Facility or well name HEATON com B #3 API #: 30045 24923 U/L or Qtr/Qtr E Sec 33 T 31 N R 11 W
County San Juan Latitude Longitude NAD 1927 ☐ 1983 ☒
Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank
Type Drilling ☐ Production ☒ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type Synthetic ☐ Thickness ____mil Clay ☐ Pit Volume ____bbl	Volume. ____bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes ☐ If not, explain why not N/A

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, irrigation 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 (0 points)
	Ranking Score (Total Points)	0

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

RCVD JUN13'07
OIL CONS. DIV.
DIST. 3

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
Printed Name/Title Jeffrey C Blagg, Agent Signature Jeffrey C. Blagg

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

Approval
Printed Name/Title Oil & Gas Inspector, District #3 Signature Date AUG 10 2007

3004524923

CLIENT: BP	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: 80912 C.O.C. NO: 9711

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION. NAME HEATON COM B WELL # 3 PIT DEH4.
QUAD/UNIT: E SEC: 33 TWP. 31N RNG: 11W PM: NM CNTY. SJ ST: NM
QTR/FOOTAGE: 1750'N/1070'W SW/NW CONTRACTOR FLINT

DATE STARTED 1/8/02
DATE FINISHED
ENVIRONMENTAL SPECIALIST NV

EXCAVATION APPROX. 11 FT x 14 FT x 4 FT. DEEP CUBIC YARDAGE: 10
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: DILUTED/AERATED
LAND USE: RANGE - BLM LEASE: CA SCR320 FORMATION DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 87 FT. N18W FROM WELLHEAD
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

CHECK ONE:
✓ PIT ABANDONED
___ STEEL TANK INSTALLED
___ FIBERGLASS TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. 50.1 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 7:35 (am)/pm DATE: 1/8/02

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)
SOIL COLOR: MOD. YELL. TO DUSKY BROWN MED. LT. GRAY - BEDROCK
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) / (MOIST) / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED: (YES) / NO EXPLANATION - BEDROCK SURFACE
HC ODOR DETECTED: (YES) / NO EXPLANATION - WITHIN TEST HOLE & OVM SAMPLE.
SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS. —
ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE, FRIABLE, VERY HARD.
INSTRUCTED OPERATOR TO EXCAVATE PIT AREA DOWN TO BEDROCK, DILUTED IMPACTED SOIL W/ CLEAN FILL & PLACE BACK INTO EXCAVATION.
(BEDROCK BOTTOM)

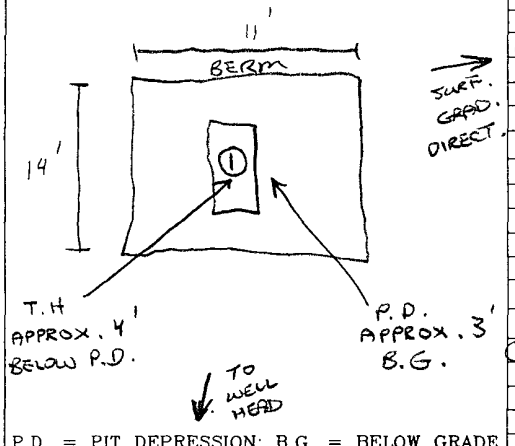
(CLOSED)

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE 0 FT

PIT PERIMETER



PD = PIT DEPRESSION; B.G. = BELOW GRADE
TH = TEST HOLE

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 7'	391
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
(DC7')	TPH (8015B)	0845
1	BTEX (8021B)	"
(BOTH PASSED)		

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 1/7/02 - AFTER. ONSITE: 1/8/02 - MORN.

revised. 08/17/01 bei1005A.skd

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	01-09-02
Laboratory Number:	21775	Date Sampled:	01-08-02
Chain of Custody No:	9711	Date Received:	01-08-02
Sample Matrix:	Soil	Date Extracted:	01-09-02
Preservative:	Cool	Date Analyzed:	01-09-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**41.7**	**0.2**
Diesel Range (C10 - C28)	**0.8**	**0.1**
Total Petroleum Hydrocarbons	**42.5**	**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 #3 Dehydrator Pit Grab Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	01-09-02
Laboratory Number:	21775	Date Sampled:	01-08-02
Chain of Custody:	9711	Date Received:	01-08-02
Sample Matrix:	Soil	Date Analyzed:	01-09-02
Preservative:	Cool	Date Extracted:	01-09-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**381**	**1.8**
Toluene	**1,700**	**1.7**
Ethylbenzene	**249**	**1.5**
p,m-Xylene	**1,630**	**2.2**
o-Xylene	**495**	**1.0**
Total BTEX	**4,460**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**98 %**
	1,4-difluorobenzene	**98 %**
	Bromochlorobenzene	**98 %**

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: **Heaton Com B #3 Dehydrator Pit Grab Sample.**

Analyst

Review

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B0912

District I
P.O Box 1980, Hobbs, NM
District II
P.O Drawer DD, Artesia, NM
District III
1000 Rio Brazo Rd., Aztec, NM

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504-2088

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

Operator: BP AMOCO Telephone: (505) 326-9200

Address: 200 AMOCO COURT, FARMINGTON, NM 87401

Facility or Well Name: HEATON com B #3

Location: Unit or Qtr/Qtr Sec E Sec 33 T 31N R 11W County SAN JUAN

Pit Type: Separator ___ Dehydrator ✓ Other ___

Land Type: BLM ✓, State ___, Fee ___, Other ___

Pit Location: (Attach diagram)	Pit dimensions: length 11', width 14', depth 4'		
	Reference: wellhead X, other ___		
	Footage from reference: 87'		
	Direction from reference: 18 Degrees ___ East North ✓ of ✓ West South ___		
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(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 perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	0
	RANKING SCORE (TOTAL POINTS):		0

revised: 03/12/01 bei1201.wpd

B0912 DEHY. PIT

Date Remediation Started: _____ Date Completed: 1/9/02

Remediation Method: (Check all appropriate sections)
Excavation ✓ Approx. cubic yards 10
Landfarmed ____ Insitu Bioremediation ____
Other DILUTED & AERATED

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)
Onsite ✓ Offsite ____

General Description of Remedial Action: Excavation. BEDROCK BOTTOM.
REMEDIATED SOIL PLACED BACK INTO EXCAVATION.

Groundwater Encountered: No ✓ Yes ____ Depth ____

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached Documents

Sample depth 7' (TEST HOLE BOTTOM)

Sample date 1/8/02 Sample time 0845

Sample Results

Soil: Benzene (ppm) 0.381 Water: Benzene (ppb) ____
Total BTEX (ppm) 4.460 Toluene (ppb) ____
Field Headspace (ppm) 391 Ethylbenzene (ppb) ____
TPH (ppm) 42.5 Total Xylenes (ppb) ____

Groundwater Sample: Yes ____ No ✓ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 1/9/02 PRINTED NAME Jeffrey C. Blagg

SIGNATURE Jeffrey C. Blagg AND TITLE President P. E. # 11607

CHAIN OF CUSTODY RECORD

097

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BLAGG/BP	DEHYDRATOR PIT HEATON COM. B #3	

Sampler:	Client No.
NJV	94034-010

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH (80.5)	BTEX (8021B)					Remarks
												PRESERVED COOL GRAB SAMPLE
① @ 7'	1/8/02	0845	21775	SOIL	1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nelson Velez	1/8/02	1020	Christ Waltz	1/8/02	10.20
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	01-09-TPH QA/QC	Date Reported:	01-09-02
Laboratory Number:	21775	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-09-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**41.7**	**41.5**	**0.5%**	**0 - 30%**
Diesel Range C10 - C28	**0.8**	**0.8**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**41.7**	**250**	**291**	**99.8%**	**75 - 125%**
Diesel Range C10 - C28	**0.8**	**250**	**250**	**99.8%**	**75 - 125%**

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: **QA/QC for samples 21775 - 21777 and 21779 - 21781.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-09-BTEX QA/QC	Date Reported:	01-09-02
Laboratory Number:	21775	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-09-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1 7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9 4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1 2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	381	382	0.2%	0 - 30%	1.8
Toluene	1,700	1,700	0.0%	0 - 30%	1.7
Ethylbenzene	249	248	0.2%	0 - 30%	1.5
p,m-Xylene	1,630	1,630	0.0%	0 - 30%	2.2
o-Xylene	495	497	0.5%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	381	50.0	431	100.0%	39 - 150
Toluene	1,700	50.0	1,750	100.0%	46 - 148
Ethylbenzene	249	50.0	298	99.9%	32 - 160
p,m-Xylene	1,630	100	1,730	100.0%	46 - 148
o-Xylene	495	50.0	545	100.0%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for samples 21775, 21777 and 21779 - 21781.**

Analyst

Review

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