

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

Form C-144
June 1, 2004

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

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: TRIGG FEDERAL GC B #1 API #: 3004526364 U/L or Qtr/Qtr I Sec 15 T 29N R 9W
County: San Juan Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☐ Unlined ☐

Liner type: Synthetic ☐ Thickness _____ mil Clay ☐

Pit Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction material: _____

Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

RCVD NOV30'06

OIL CONS. DIV.

DIST. 3

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)	
	50 feet or more, but less than 100 feet	(10 points)	0
	100 feet or more	(0 points)	
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)	
	No	(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	(20 points)	
	200 feet or more, but less than 1000 feet	(10 points)	0
	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 relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you 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 ☒, 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.

roval:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature Brandon Powell

Date: NOV 30 2006

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80930</u> C.D.C. NO: <u>9718</u>																																								
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>TRIGG FED GC 8 WELL #:</u> <u>1</u> PIT: <u>SEP.</u>		DATE STARTED: <u>2/13/02</u>																																								
QUAD/UNIT: <u>I</u> SEC: <u>15</u> TWP: <u>29N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> STNM		DATE FINISHED: _____																																								
QTR/FOOTAGE: <u>2105'S/875'E</u> NEISE CONTRACTOR: <u>FLINT</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
EXCAVATION APPROX. <u>20</u> FT. x <u>20</u> FT. x <u>3</u> FT. DEEP. CUBIC YARDAGE: <u>40</u>																																										
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>																																										
LAND USE: <u>RANGE - BLM</u> LEASE: <u>5F 078938</u> FORMATION: <u>DK</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>144</u> FT. <u>NS2E</u> FROM WELLHEAD.																																										
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>																																										
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION:	OVM CALIB. READ: <u>50.8</u> ppm OVM CALIB. GAS = <u>100</u> ppm <u>RE = 0.52</u> TIME: <u>7:33 am</u> DATE: <u>2/13/02</u>	CHECK ONE <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED <input type="checkbox"/> FIBERGLASS TANK INSTALLED																																								
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>DR. YELL. BROWN TO BLACK</u> <u>BEDROCK - VERY PALE ORANGE</u> COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / 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 / <u>MOIST</u> / <u>WET</u> / SATURATED / SUPER SATURATED CLOSED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>THROUGHOUT TEST HOLE</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>TEST HOLE & OVM SAMPLE.</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>-</u> ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM FRIABLE BEDROCK. INSTRUCTED OPERATOR TO EXCAVATE PIT AREA DOWN TO BEDROCK. BEDROCK @ TEST HOLE BOTTOM VERY HARD.</u>																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> SCALE </div> <div style="width: 60%; text-align: center;"> FIELD 418.1 CALCULATIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMPLE I.D.</th> <th>LAB No:</th> <th>WEIGHT (g)</th> <th>mL. FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. ppm</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> <div style="width: 20%; text-align: center;"> PIT PROFILE <div style="border: 1px solid black; height: 100px; width: 100%; display: flex; align-items: center; justify-content: center;"> NOT APPLICABLE </div> </div> </div>			SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm																																
SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm																																			
<div style="text-align: center;"> PIT PERIMETER ↑ N </div> <p style="font-size: 0.8em;"> T.H. - APPROX. 3' BELOW P.D. P.D. - APPROX. 3' B.G. </p>																																										

 P.D. = PIT DEPRESSION; B.G. = BELOW GRADE
 T.H. = TEST HOLE

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

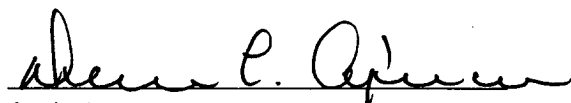
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	02-14-02
Laboratory Number:	22036	Date Sampled:	02-13-02
Chain of Custody No:	9718	Date Received:	02-13-02
Sample Matrix:	Soil	Date Extracted:	02-14-02
Preservative:	Cool	Date Analyzed:	02-14-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

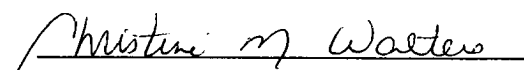
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	300	0.2
Diesel Range (C10 - C28)	99.7	0.1
Total Petroleum Hydrocarbons	400	0.2

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: Trigg Federal GC B #1 Separator Pit.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	02-14-02
Laboratory Number:	22036	Date Sampled:	02-13-02
Chain of Custody:	9718	Date Received:	02-13-02
Sample Matrix:	Soil	Date Analyzed:	02-14-02
Preservative:	Cool	Date Extracted:	02-14-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	210	1.8
Toluene	916	1.7
Ethylbenzene	144	1.5
p,m-Xylene	1,120	2.2
o-Xylene	394	1.0
Total BTEX	2,780	

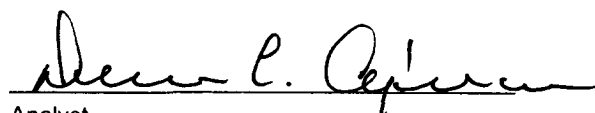
ND - Parameter not detected at the stated detection limit.

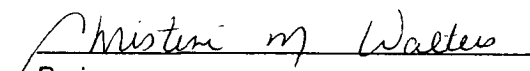
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: Trigg Federal GC B #1 Separator Pit.


Analyst


Review

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80930</u> C.O.C. NO: <u>11654</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>TRIGG FED. GC B</u> WELL #: <u>1</u> PITS: _____	DATE STARTED: <u>1/29/04</u>
QUAD/UNIT: <u>I</u> SEC: <u>15</u> TWP: <u>29N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>	DATE FINISHED: _____
QTR/FOOTAGE: _____ NE/SE CONTRACTOR: <u>FLINT (JOJO)</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

SOIL REMEDIATION:

 REMEDIATION SYSTEM: LANDFARM

 APPROX. CUBIC YARDAGE: 50

 LAND USE: RANGE - BLM

 LIFT DEPTH (ft): 1-2

FIELD NOTES & REMARKS:

 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

 DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

 SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEAROCK (SANDSTONE FRAGMENTS)
 SOIL COLOR: PALE YEL. ORANGE TO DK. YEL. 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) / MOIST / WET / SATURATED / SUPER SATURATED

 DISCOLORATION/STAINING OBSERVED: YES / (NO) EXPLANATION - _____

 HC ODOR DETECTED: YES / (NO) EXPLANATION - _____

 SAMPLING DEPTHS (LANDFARMS): 12 (INCHES)

 SAMPLE TYPE: GRAB / (COMPOSITE) - # OF PTS. 5

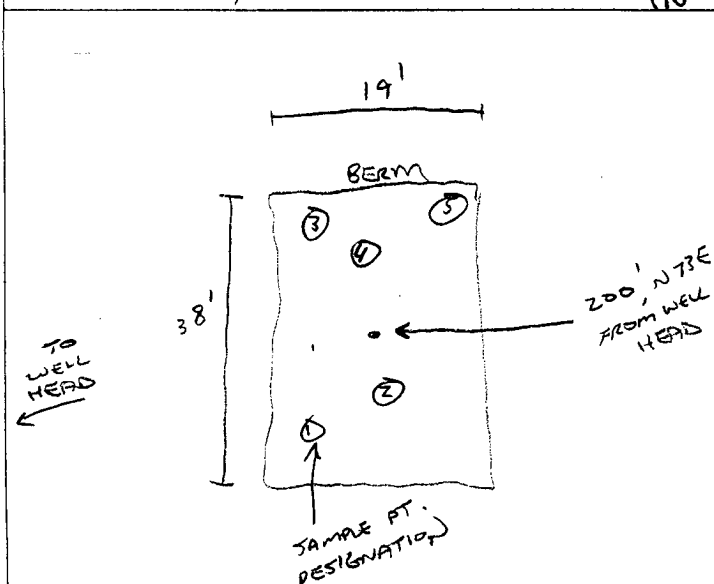
ADDITIONAL COMMENTS: _____

CLOSED

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS


 OVM CALIB. READ. 33.5 ppm
 OVM CALIB. GAS = 100 ppm; RF = 0.52
 TIME: 9:10 am/pm DATE: 1/28/04

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80158)	1445	5.6

2/13/02

SCALE

0 FT

 TRAVEL NOTES: CALLOUT: N/A

 ONSITE: 1/29/04

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

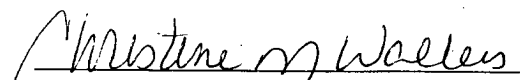
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Sample ID:	LF-1	Date Reported:	02-02-04
Laboratory Number:	27664	Date Sampled:	01-29-04
Chain of Custody No:	11654	Date Received:	01-30-04
Sample Matrix:	Soil	Date Extracted:	01-30-04
Preservative:	Cool	Date Analyzed:	02-02-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

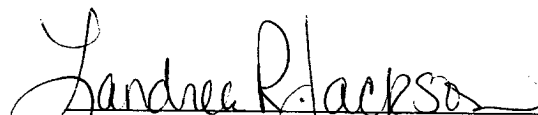
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	5.6	0.1
Total Petroleum Hydrocarbons	5.6	0.2

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: **Trigg Federal GC B #1 Landfarm, 5 Pt. Composite Sample.**


Analyst


Review