

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

RCUD NOV3'06
OIL CONS. DIV.

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: FIELDS A #3A API #: 3004522825 U/L or Qtr/Qtr P Sec 29 T 32N R 11W
County: San Juan Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank	
Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
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) <u>0</u>
	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) <u>0</u>
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) <u>0</u>
	1000 feet or more	(0 points)
Ranking Score (Total Points)		<u>0</u>

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. III Signature Bob Bell Date: NOV 03 2006

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1003</u> C.O.C. NO <u>9085</u>																								
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																								
LOCATION: NAME: <u>FIELDS A</u> WELL #: <u>3A</u> TYPE: <u>SEP. / PROD.</u> QUAD/UNIT: <u>P</u> SEC: <u>29</u> TWP: <u>32N</u> RNG: <u>11W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1190'S/1065'E</u> SE/SE CONTRACTOR: <u>HIGH DESERT (HEBER)</u>		DATE STARTED: <u>6/24/02</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																								
EXCAVATION APPROX. <u>19</u> FT. x <u>13</u> FT. x <u>3</u> FT. DEEP. CUBIC YARDAGE: <u>25</u>																										
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARMED</u>																										
LAND USE: <u>RANGE-BLM</u> LEASE: <u>NM010989</u> FORMATION: <u>MU</u>																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>87</u> FT. <u>57SE</u> FROM WELL HEAD																										
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>																										
NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM																										
SOIL AND EXCAVATION DESCRIPTION:		OVM CALIB. READ: <u>52.0</u> ppm OVM CALIB. GAS = <u>100</u> ppm <u>RF = 0.52</u> TIME: <u>11:25</u> am/pm DATE: <u>6/24/02</u>																								
SOIL TYPE: (<u>SAND</u>) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>LT. GRAY TO BLACK</u> <u>BEDROCK - BLACK</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / (<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>) / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: (<u>YES</u>) / NO EXPLANATION - <u>WEST SIDE WALL & BEDROCK SURFACE</u> HC ODOR DETECTED: (<u>YES</u>) / NO EXPLANATION - <u>WITHIN EXHAUSTION & OVM SAMPLES</u> SAMPLE TYPE: (<u>GRAB</u>) COMPOSITE - # OF PTS. <u>-</u> ADDITIONAL COMMENTS: <u>BEDROCK - VERY HARD, COMPACT.</u> <div style="border: 1px solid black; padding: 2px; display: inline-block;">BEDROCK BOTTOM</div>																										
FIELD 418.1 CALCULATIONS																										
SCALE	<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> </tbody> </table>		SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm																
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"	BTEX (8021R)	"																								
BOTH PASSED																										
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE T.H. = TEST HOLE; ~ = APPROX.; B = BELOW TRAVEL NOTES: CALLOUT: <u>6/24/02 - MORN.</u> ONSITE: <u>6/24/02 - MORN.</u>																										

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / BP
Sample ID: 1 @ 3'
Laboratory Number: 23141
Chain of Custody No: 9085
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

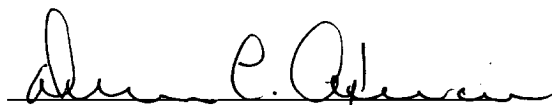
Project #: 94034-010
Date Reported: 06-25-02
Date Sampled: 06-24-02
Date Received: 06-24-02
Date Extracted: 06-25-02
Date Analyzed: 06-25-02
Analysis Requested: 8015 TPH

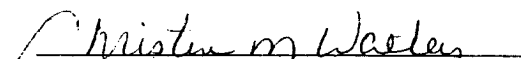
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	336	0.2
Diesel Range (C10 - C28)	246	0.1
Total Petroleum Hydrocarbons	582	0.2

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: **Fields A #3A Separator/Production Tank Pit Grab Sample.**


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 @ 3'	Date Reported:	06-25-02
Laboratory Number:	23141	Date Sampled:	06-24-02
Chain of Custody:	9085	Date Received:	06-24-02
Sample Matrix:	Soil	Date Analyzed:	06-25-02
Preservative:	Cool	Date Extracted:	06-25-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	4.5	1.8
Toluene	252	1.7
Ethylbenzene	97.1	1.5
p,m-Xylene	650	2.2
o-Xylene	278	1.0
Total BTEX	1,280	

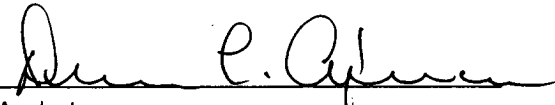
ND - Parameter not detected at the stated detection limit.

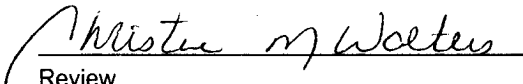
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: Fields A #3A Separator/Production Tank Pit Grab Sample.


Analyst


Review

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1003</u> C.D.C. NO: <u>12085</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>FIELDS A</u> WELL #: <u>3A</u> PITS: _____ QUAD/UNIT: <u>P</u> SEC: <u>29</u> TWP: <u>32N</u> RNG: <u>11W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: _____ SE/SE CONTRACTOR: _____	DATE STARTED: <u>6/30/04</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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SOIL REMEDIATION:

 REMEDIATION SYSTEM: LANDFARM

 APPROX. CUBIC YARDAGE: 25

 LAND USE: RANGE - BLM

 LIFT DEPTH (ft): 0.5

FIELD NOTES & REMARKS:

 NMDCD RANKING SCORE: 0 NMDCD 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 _____

 SOIL COLOR: DRY YELL. ORANGE TO LT. GRAY

 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 - LT. GRAY THIN OUT LANDFARM

 HC ODDR DETECTED: YES / NO EXPLANATION - _____

 SAMPLING DEPTHS (LANDFARMS): 3-6 (INCHES)

 SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

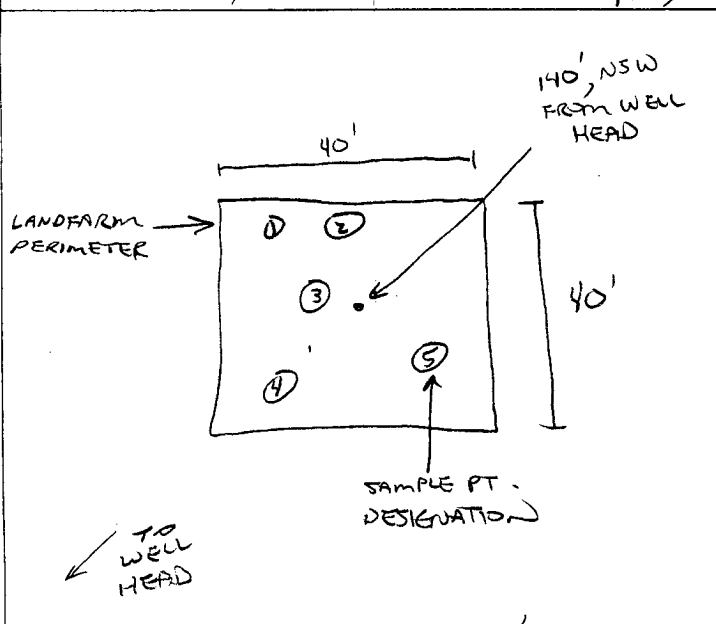
ADDITIONAL COMMENTS: _____

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. 51.3 ppm CHECK
 OVM CALIB. GAS = 100 ppm; RF = 0.52
 TIME: 11:20 am/pm DATE: 6/30/04

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80158)	11/5	ND

P.C. - 6/24/02

SCALE



0 FT

 TRAVEL NOTES: CALLOUT: N/A

 ONSITE: 6/30/04

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

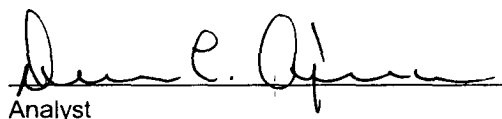
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	07-02-04
Laboratory Number:	29397	Date Sampled:	06-30-04
Chain of Custody No:	12085	Date Received:	06-30-04
Sample Matrix:	Soil	Date Extracted:	06-30-04
Preservative:	Cool	Date Analyzed:	07-02-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

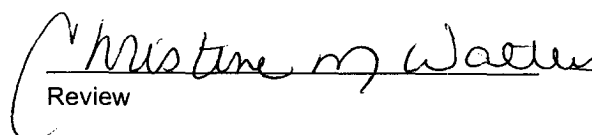
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Fields A #3A Landfarm 5 Pt. Composite Sample.**


Analyst


Review