

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 ☒

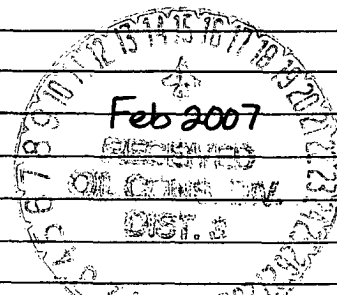
Operator: BP America Production Company Telephone: (505)326-9200 e-mail address: _____
Address: 200 Energy Ct. Farmington, NM 87401
Facility or well name: JACQUEZ com #S API #: 30045 26833 U/L or Qtr/Qtr A Sec 30 T 31 N R 9 W
County: San Juan Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☒
Surface 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: <u>MA</u> Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If no, 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) 100 feet or more (0 points) <u>0</u>
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) 1000 feet or more (0 points) <u>10</u>
Ranking Score (Total Points) <u>10</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.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 5

Printed Name/Title

Signature [Signature]

Date: FEB 15 2007

CLIENT:

BP

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: 81191

COCR NO: 10710

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: JACQUEZ COM WELL #: 5 TYPE: SEP/PROD.

DATE STARTED: 4/10/03

QUAD/UNIT: A SEC: 30 TWP: 31N RING: 9W PM: NM CNTY: SJ ST: NM

DATE FINISHED:

QTR/FOOTAGE: 1095'N/790'E NE/NE CONTRACTOR: FLINT (JOHN)

ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 15 FT. x 23 FT. x 7.5 FT. DEEP. CUBIC YARDAGE: 80

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM

LAND USE: RANGE LEASE: FEE FORMATION: PC

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 78 FT. 540E FROM WELLHEAD.

DEPTH TO GROUNDWATER: 2100' NEAREST WATER SOURCE: 21000' NEAREST SURFACE WATER: 1000'

NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 52.2 ppm CHECK
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 9:14 am DATE: 4/10/03

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

SOIL COLOR: MOD. YELL. BROWN TO MED. 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:

HC ODOR DETECTED: YES / NO EXPLANATION:

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 1

ADDITIONAL COMMENTS: PIT EXCAVATED AFTER INITIAL SAMPLING ON 4/10/03.

CLOSED

FIELD 418.1 CALCULATIONS

SCALE

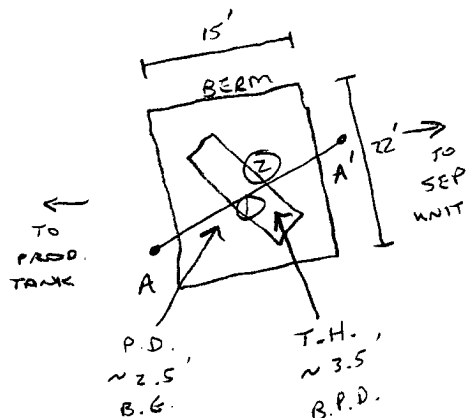


0 FT

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER**PIT PROFILE**

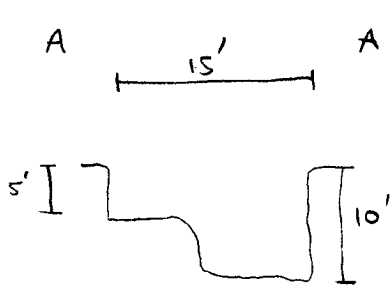
TO WELL HEAD

**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6'	1115
2 @ 10'	235
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 6'	TPH (8015B)	09/10
"	BTEX (8021B)	"
2 @ 10'	TPH + BTEX	1420



4/14/03

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW
 T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM

TRAVEL NOTES:

CALLOUT: 4/9/03 - AFTER. ONSITE: 4/10/03 - MORNING.

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / BP
Sample ID: 1 @ 6'
Laboratory Number: 25332
Chain of Custody No: 10710
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

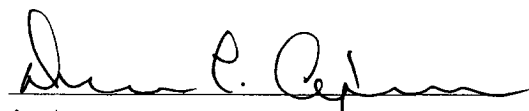
Project #: 94034-010
Date Reported: 04-11-03
Date Sampled: 04-10-03
Date Received: 04-10-03
Date Extracted: 04-11-03
Date Analyzed: 04-11-03
Analysis Requested: 8015 TPH

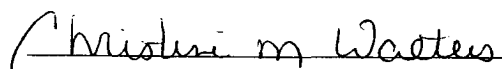
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	409	0.2
Diesel Range (C10 - C28)	200	0.1
Total Petroleum Hydrocarbons	609	0.2

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: **Jacquez Com #5 Separator/Production Tank Pit Grab Sample.**


Analyst


Review

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

Client: Blagg / BP
Sample ID: 2 @ 10'
Laboratory Number: 25342
Chain of Custody No: 10714
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

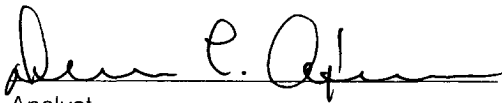
Project #: 94034-010
Date Reported: 04-15-03
Date Sampled: 04-14-03
Date Received: 04-15-03
Date Extracted: 04-15-03
Date Analyzed: 04-15-03
Analysis Requested: 8015 TPH

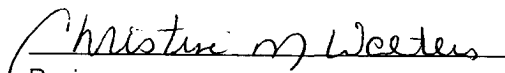
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	31.2	0.2
Diesel Range (C10 - C28)	18.3	0.1
Total Petroleum Hydrocarbons	49.5	0.2

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: **Jacquez Com #5 Separator/Production Tank Pit Grab Sample.**


Analyst


Review

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Blagg / BP
Sample ID: 1 @ 6'
Laboratory Number: 25332
Chain of Custody: 10710
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 94034-010
Date Reported: 04-11-03
Date Sampled: 04-10-03
Date Received: 04-10-03
Date Analyzed: 04-11-03
Date Extracted: 04-11-03
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	34.5	1.8
Toluene	309	1.7
Ethylbenzene	163	1.5
p,m-Xylene	946	2.2
o-Xylene	827	1.0
Total BTEX	2,280	

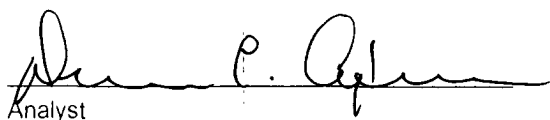
ND - Parameter not detected at the stated detection limit.

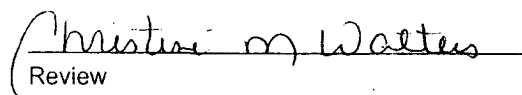
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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: Jacquez Com #5 Separator/Production Tank Pit Grab Sample.


Analyst


Review

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Blagg / BP
Sample ID: 2 @ 10'
Laboratory Number: 25342
Chain of Custody: 10714
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 94034-010
Date Reported: 04-15-03
Date Sampled: 04-14-03
Date Received: 04-15-03
Date Analyzed: 04-15-03
Date Extracted: 04-15-03
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.6	1.8
Toluene	106	1.7
Ethylbenzene	82.0	1.5
p,m-Xylene	553	2.2
o-Xylene	227	1.0
Total BTEX	971	

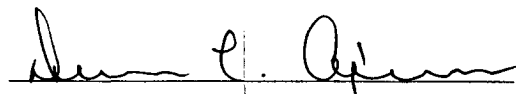
ND - Parameter not detected at the stated detection limit.

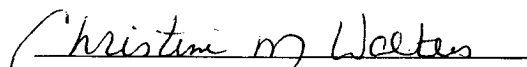
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

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: Jacquez Com #5 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>81191</u> C.O.C. NO: <u>HALL</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>JACQUEZ com</u> WELL #: <u>5</u> PITS: <u>DEHY, SEP./PROD.</u>	DATE STARTED: <u>11/3/03</u>
QUAD/UNIT: <u>A</u> SEC: <u>30</u> TWP: <u>31N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>	DATE FINISHED: _____
QTR/FOOTAGE: <u>NE/NE</u> CONTRACTOR: <u>FLINT (JOHN)</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

SOIL REMEDIATION:

 REMEDIATION SYSTEM: LANDFARM

 APPROX. CUBIC YARDAGE: 150

 LAND USE: RANGE - FEE

 LIFT DEPTH (ft): 1

FIELD NOTES & REMARKS:

 NMCD RANKING SCORE: 10 NMCD TPH CLOSURE STD: 1000 PPM

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

 SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / (CLAY) / GRAVEL / OTHER BEDROCK FRAGMENTS

 SOIL COLOR: MD. BROWN TO OLIVE GRAY MINOR

 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 - CLOSED

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

 SAMPLING DEPTHS (LANDFARMS): 6-12 (INCHES)

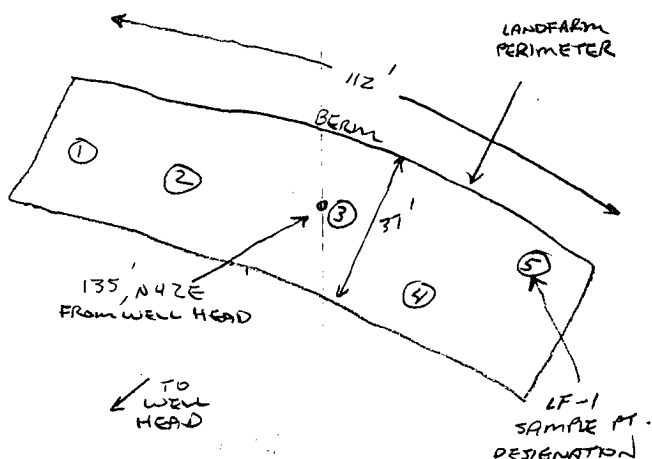
 SAMPLE TYPE: GRAB / (COMPOSITE) - # OF PTS. 5

 ADDITIONAL COMMENTS: LANDFARM SURFACE WET FROM RECENT PRECIP.

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. 52.7 ppm
 OVM CALIB. GAS = 100 ppm; RF = 0.52
 TIME: 8:35 am/pm DATE: 11/3/03

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80158)	0846	622

SCALE

0 FT

 TRAVEL NOTES: CALLOUT: N/A

 ONSITE: 11/3/03

Hall Environmental Analysis Laboratory

Date: 12-Nov-03

CLIENT: Blagg Engineering
Lab Order: 0311021
Project: Jaquez Com #5
Lab ID: 0311021-01

Client Sample ID: LF-1 Landfarm 5PT Composite
Collection Date: 11/3/2003 8:46:00 AM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: JMP
Diesel Range Organics (DRO)	58	5.0		mg/Kg	1	11/7/2003 1:10:41 PM
Motor Oil Range Organics (MRO)	550	50		mg/Kg	1	11/7/2003 1:10:41 PM
Surr: DNOP	94.5	60-124		%REC	1	11/7/2003 1:10:41 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	14	5.0		mg/Kg	1	11/6/2003 10:08:21 AM
Surr: BFB	102	74-118		%REC	1	11/6/2003 10:08:21 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range