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: JACQUEZ com #5 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 ☐ 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.

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 points)	10
	Ranking Score (Total Points)		10

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

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 DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Date: FEB 15 2007

VUL

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: DEHY.
QUAD/UNIT: A SEC: 30 TWP: 31N RNG: 9W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1095'N/790'E NE/NE CONTRACTOR: FLINT (JOHN)

DATE STARTED: 4/10/03
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 15 FT. x 16 FT. x 8 FT. DEEP. CUBIC YARDAGE: 70
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM
LAND USE: RANGE LEASE: FEE FORMATION: PC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 104 FT. S77E FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' 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/pm DATE: 4/10/03

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR: DK. 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 / 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: PIT EXCAVATED AFTER INITIAL SAMPLING ON 4/10/03. WILL NEED TO ESTABLISH VERTICAL EXTENT.

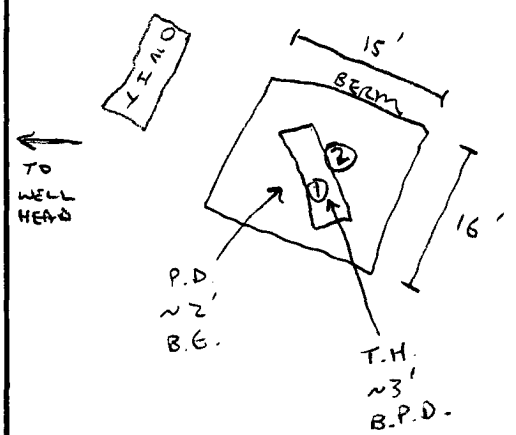
ESTABLISH VERTICAL EXTENT

FIELD 418.1 CALCULATIONS

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

SCALE
0 FT

PIT PERIMETER



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

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 5'	1894
2 @ 11'	522
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME	
① @ 5'	TPH (8015B)	0900	
"	BTEX (8021B)	"	
③ @ 11'	TPH & BTEX	1425	4/14/03

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 4/9/03 - AFTER - ONSITE: 4/10/03 - MORN.

ENVIROTECH INC.

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:	04-11-03
Laboratory Number:	25331	Date Sampled:	04-10-03
Chain of Custody No:	10710	Date Received:	04-10-03
Sample Matrix:	Soil	Date Extracted:	04-11-03
Preservative:	Cool	Date Analyzed:	04-11-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,070	0.2
Diesel Range (C10 - C28)	47.6	0.1
Total Petroleum Hydrocarbons	1,120	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 Dehydrator Pit Grab Sample.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	2 @ 11'	Date Reported:	04-15-03
Laboratory Number:	25343	Date Sampled:	04-14-03
Chain of Custody No:	10714	Date Received:	04-15-03
Sample Matrix:	Soil	Date Extracted:	04-15-03
Preservative:	Cool	Date Analyzed:	04-15-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1,840**	**0.2**
Diesel Range (C10 - C28)	**156**	**0.1**
Total Petroleum Hydrocarbons	**2,000**	**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 Dehydrator Pit Grab Sample.**

Analyst

Review

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	04-11-03
Laboratory Number:	25331	Date Sampled:	04-10-03
Chain of Custody:	10710	Date Received:	04-10-03
Sample Matrix:	Soil	Date Analyzed:	04-11-03
Preservative:	Cool	Date Extracted:	04-11-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**113**	**1.8**
Toluene	**1,940**	**1.7**
Ethylbenzene	**792**	**1.5**
p,m-Xylene	**2,790**	**2.2**
o-Xylene	**1,630**	**1.0**
Total BTEX	**7,270**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**94 %**
	1,4-difluorobenzene	**94 %**
	Bromochlorobenzene	**94 %**

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 Dehydrator Pit Grab Sample.**

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	2 @ 11'	Date Reported:	04-15-03
Laboratory Number:	25343	Date Sampled:	04-14-03
Chain of Custody:	10714	Date Received:	04-15-03
Sample Matrix:	Soil	Date Analyzed:	04-15-03
Preservative:	Cool	Date Extracted:	04-15-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**45.7**	**1.8**
Toluene	**693**	**1.7**
Ethylbenzene	**908**	**1.5**
p,m-Xylene	**2,920**	**2.2**
o-Xylene	**2,140**	**1.0**
Total BTEX	**6,710**	

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 Dehydrator Pit Grab Sample.**

Analyst

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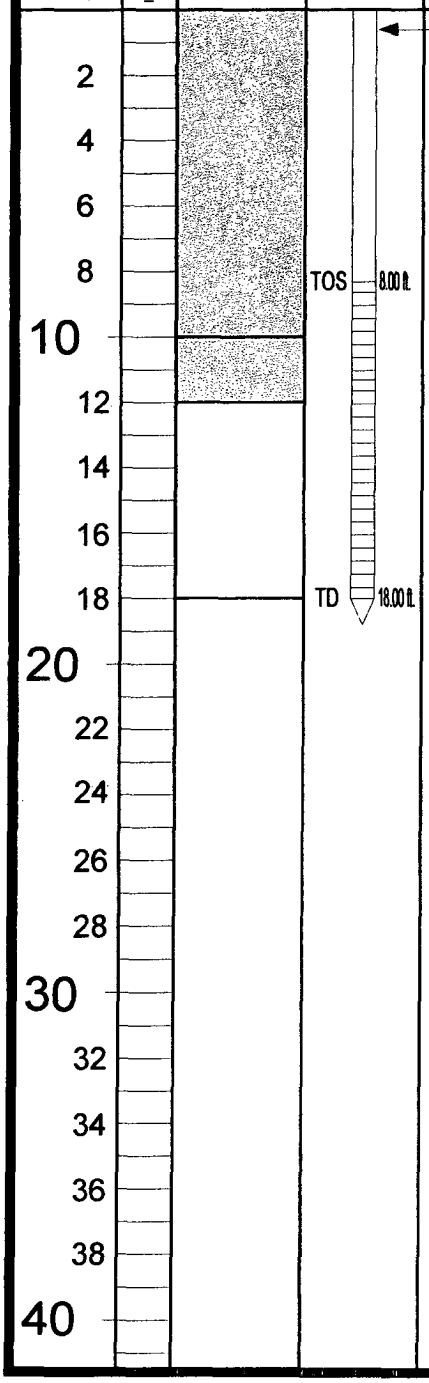
BLAGG ENGINEERING, Inc.
P.O. BOX 87
BLOOMFIELD, NM 87413
(505) 632-1199

BORE / TEST HOLE REPORT

CLIENT:	BP AMERICA PRODUCTION COMPANY
LOCATION NAME:	JACQUEZ COM # 5 - DEHY. PIT UNIT A, SEC. 30, T31N, R9W
CONTRACTOR:	BLAGG ENGINEERING, INC.
EQUIPMENT USED:	EARTHPROBE 200
BORING LOCATION:	104 FEET, S77E FROM WELL HEAD.

BORING #.....	BH - 1
MW #.....	NA
PAGE #.....	1
DATE STARTED	11/21/03
DATE FINISHED	11/21/03
OPERATOR.....	JCB
PREPARED BY	NJV



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 3.00 FEET ABOVE GRADE.

DARK YELLOWISH ORANGE SAND (FILL MATERIAL), NON COHESIVE, DRY TO SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 10.0 FT. BELOW GRADE).

DARK YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, STRONG APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (10.0 - 12.0 FT. BELOW GRADE).

BH1 @ 13-15 FT. OVM = 607 ppm, TIME: 1000 COLLECTED FROM CUTTINGS OFF OF AUGER.

PALE YELLOWISH BROWN SAND, NON COHESIVE, DRY TO SLIGHTLY MOIST, FIRM, STRONG APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (12.0 - 18.0 FT. BELOW GRADE).

BH1 @ 17-18 FT. OVM = 472 ppm, TIME: 1030 COLLECTED FROM CUTTINGS OFF OF AUGER.
TPH = 663 ppm, BENZENE = 0.0279 ppm, TOTAL BTEX = 3.730 ppm.

NOTES: ☐ - SAND.

OVM - Organic Vapor Meter or Photo-ionization Detector (PID).
TPH - Total Petroleum Hydrocarbons EPA Method 8015B.
BTEX - Benzene, Toluene, Ethylbenzene, & total Xylenes.

ppm - Parts per million (unit value).
TOS - Top of screen of monitor well.
TD - Total depth/bottom extent of monitor well.

OVM CALIBRATION = 53.8 ppm with 100 ppm Isobutylence gas & response factor set @ 0.52 ; DATE - 11/21/03, TIME - 1035.

Passive vent consist of 2 inch PVC piping - casing from 3.00 ft. above grade to 8.00 ft. below grade, 0.010 slotted screen between 8.00 to 18.00 ft. below grade, sand packed annular to grade. Installed wind turbine to top of casing.

DRAWING: JAQUEZ COM 5 BH1. SKF | DATE: 11/06/06 | DWN BY: NJV

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:	BH 1 @ 17'-18'	Date Reported:	11-24-03
Laboratory Number:	27261	Date Sampled:	11-21-03
Chain of Custody No:	11144	Date Received:	11-21-03
Sample Matrix:	Soil	Date Extracted:	11-22-03
Preservative:	Cool	Date Analyzed:	11-24-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**642**	**0.2**
Diesel Range (C10 - C28)	**20.9**	**0.1**
Total Petroleum Hydrocarbons	**663**	**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: **Jaquez Com #5 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:	BH 1 @ 17'-18'	Date Reported:	11-24-03
Laboratory Number:	27261	Date Sampled:	11-21-03
Chain of Custody:	11144	Date Received:	11-21-03
Sample Matrix:	Soil	Date Analyzed:	11-24-03
Preservative:	Cool	Date Extracted:	11-22-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**27.9**	**1.8**
Toluene	**875**	**1.7**
Ethylbenzene	**440**	**1.5**
p,m-Xylene	**1,600**	**2.2**
o-Xylene	**788**	**1.0**
Total BTEX	**3,730**	

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: **Jaquez Com #5 Dehydrator Pit Grab Sample.**

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