

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 PROD. CO. Telephone: (505)-326-9200 e-mail address: _____
Address: 200 ENERGY COURT, FARMINGTON, NM 87410
Facility or well name: JAQUEZ GC C #1A API #: 30-045- 22785 U/L or Qtr/Qtr K Sec 6 T 29N R 9W
County: SAN JUAN Latitude 36.75386 Longitude 107.82382 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit
Type: Drilling ☐ Production ☒ Disposal ☐ SEPARATOR (II)
Workover ☐ Emergency ☐
Lined ☒ Unlined ☐ STEEL TANK
Liner type: Synthetic ☐ Thickness _____ mil Clay ☐
Pit Volume _____ bbl

Below-grade tank
Volume: _____ bbl Type of fluid: _____
Construction material: N/A
Double-walled, with leak detection? Yes ☒ If not, explain why not.

RCVD APR 5 '07
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)	0
	50 feet or more, but less than 100 feet	(10 points)	
	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)	0
	No	(0 points)	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)	0
	200 feet or more, but less than 1000 feet	(10 points)	
	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 PIT LOCATED APPROXIMATELY 147 FT. N22W FROM WELL HEAD.

PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.

PIT REMEDIATION: CLOSE AS IS: ☒ LANDFARM: ☐ COMPOST: ☐ STOCKPILE: ☐ OTHER ☐ (explain)

Cubic yards: N/A

BEDROCK BOTTOM.

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 alternative OCD-approved plan ☒.

Date: 09/1/06

Printed Name/Title Jeff Blagg - P.E. # 11607 Signature Jeff 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,
Printed Name/Title District #3 Signature [Signature] Date: AUG 03 2007

CLIENT: BP

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

LOCATION NO: 80171
COCR NO: 14666

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: JACQUEZ GC C WELL #: 1A TYPE: SEP (II)
QUAD/UNIT: K SEC: 6 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 2595 FSL x 990 FUL ^{NEISW} CONTRACTOR: L+R (MIKE)

DATE STARTED: 7-28-06
DATE FINISHED: 7-28-06
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - BLM LEASE: NM073326 FORMATION: MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 147 FT. NZZW FROM WELLHEAD.

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

NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 52.9 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 0610 am/pm DATE: 7/28/06

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER Bedrock
SOIL COLOR: Grey
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 - Grey
HC ODOR DETECTED: YES / NO EXPLANATION - None
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5 15' x 15' x 6" ± Deep Pit w/ 95 Bx Steel
ADDITIONAL COMMENTS: Bedrock sitting on Bedrock SANDSTONE. Use Bedrock to scrape SANDSTONE x SAMPLES.

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

15'

15' 4"

15'

6"

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
5-PECS	216

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5-PE	T/B/C	1045

PASSED

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

TRAVEL NOTES: CALLOUT: _____ ONSITE: 7/28/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

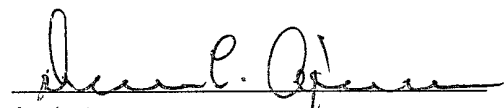
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt @ 6'	Date Reported:	08-01-06
Laboratory Number:	37998	Date Sampled:	07-28-06
Chain of Custody No:	14666	Date Received:	07-28-06
Sample Matrix:	Soil	Date Extracted:	07-31-06
Preservative:	Cool	Date Analyzed:	08-01-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

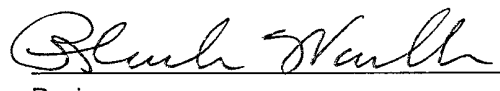
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	14.1	0.2
Diesel Range (C10 - C28)	11.2	0.1
Total Petroleum Hydrocarbons	25.3	0.2

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 GC C #1A Sep 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:	5-Pt @ 6'	Date Reported:	08-01-06
Laboratory Number:	37998	Date Sampled:	07-28-06
Chain of Custody:	14666	Date Received:	07-28-06
Sample Matrix:	Soil	Date Analyzed:	08-01-06
Preservative:	Cool	Date Extracted:	07-31-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	8.1	1.8
Toluene	5.0	1.7
Ethylbenzene	20.0	1.5
p,m-Xylene	229	2.2
o-Xylene	72.6	1.0
Total BTEX	335	

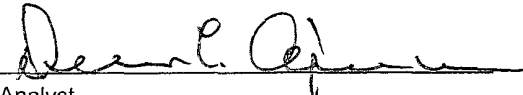
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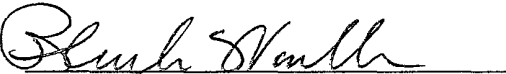
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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 GC C #1A Sep Pit


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt @ 6'	Date Reported:	08-01-06
Lab ID#:	37998	Date Sampled:	07-28-06
Sample Matrix:	Soil	Date Received:	07-28-06
Preservative:	Cool	Date Analyzed:	07-31-06
Condition:	Cool and Intact	Chain of Custody:	14666

Parameter	Concentration (mg/Kg)
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Total Chloride

24.0

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Jaquez GC C #1A Sep Pit


Analyst


Review

14666

san juan reproduction 578-129

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:	08-01-06 QA/QC	Date Reported:	08-01-06
Laboratory Number:	37996	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-01-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	07-11-05	9.9859E+002	9.9959E+002	0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	9.9904E+002	1.0010E+003	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	22.9	22.7	0.9%	0 - 30%
Diesel Range C10 - C28	74.3	73.9	0.5%	0 - 30%

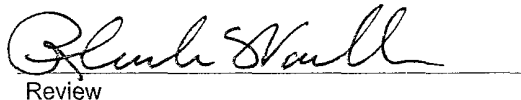
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	22.9	250	272	99.8%	75 - 125%
Diesel Range C10 - C28	74.3	250	324	99.8%	75 - 125%

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 37996 - 38003, 38015


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-01-BTEX QA/QC	Date Reported:	08-01-06
Laboratory Number:	37996	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-01-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	2.3188E+007	2.3234E+007	0.2%	ND	0.2
Toluene	1.0013E+008	1.0033E+008	0.2%	ND	0.2
Ethylbenzene	4.4405E+007	4.4494E+007	0.2%	ND	0.2
p,m-Xylene	1.7256E+008	1.7290E+008	0.2%	ND	0.2
o-Xylene	1.0009E+008	1.0029E+008	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	401	400	0.2%	0 - 30%	1.7
Ethylbenzene	2,560	2,550	0.4%	0 - 30%	1.5
p,m-Xylene	1,290	1,280	0.8%	0 - 30%	2.2
o-Xylene	195	194	0.4%	0 - 30%	1.0

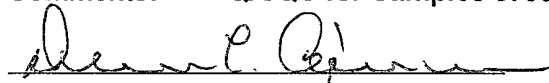
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	401	50.0	450	99.8%	46 - 148
Ethylbenzene	2,560	50.0	2,600	99.6%	32 - 160
p,m-Xylene	1,290	100	1,390	100.0%	46 - 148
o-Xylene	195	50.0	244	99.7%	46 - 148

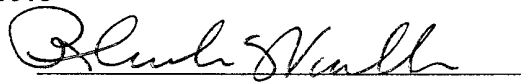
ND - Parameter not detected at the stated detection limit.

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 37996 - 38003, 38015


Analyst


Review