

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

RCVD NOV 13 06
OIL CONS. DIV.
DIST. 3

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: Gen #152 API #: 3004507975 U/L or Qtr/Qtr M Sec 21 T 29N R 12W
County: San Juan Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" 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	Below-grade tank 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: **DEPUTY OIL & GAS INSPECTOR, DIST. 3**

Printed Name/Title _____

Signature Bob Bell

Date: NOV 13 2006

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1081</u> COCR NO: <u>10360</u>
-------------------	---	--

FIELD REPORT: PIT CLOSURE VERIFICATIONPAGE No: 1 of 1

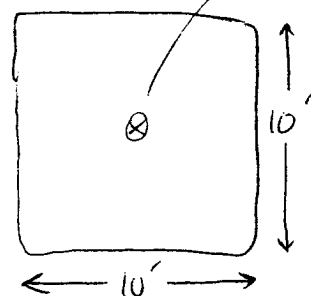
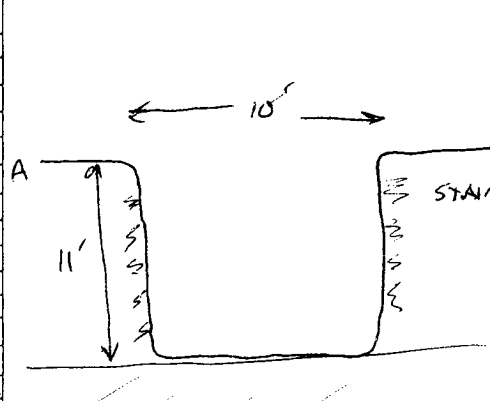
LOCATION: NAME: <u>GCU</u>	WELL #: <u>152</u>	TYPE: <u>DEHP</u>	DATE STARTED: <u>10/16/02</u>
QUAD/UNIT: <u>M SEC: 21 TWP: 29N RNG: 12W PM: NM CNTY: SS ST: NM</u>			DATE FINISHED: <u>10/16/02</u>
QTR/FOOTAGE: <u>1010'S/1110'W</u>	SW/SW CONTRACTOR: <u>BOI L & L (BRIAN)</u>		ENVIRONMENTAL SPECIALIST: <u>JCB</u>

EXCAVATION APPROX. <u>10</u> FT. x <u>10</u> FT. x <u>11</u> FT. DEEP. CUBIC YARDAGE: <u>25 ±</u>
DISPOSAL FACILITY: <u>ONSITE</u> REMEDIATION METHOD: <u>LF</u>
LAND USE: <u>RANGE - Blm</u> LEASE: <u>NM 78391 C</u> FORMATION: <u>DK</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>117</u> FT. <u>S42°W</u> FROM WELLHEAD.	
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:

SOIL TYPE: <u>SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER</u>	<u>S.S. Bedrock @ 11' BG</u>
SOIL COLOR: <u>GRAY</u>	
COHESION (ALL OTHERS): <u>NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE</u>	
CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE / FIRM / DENSE / VERY DENSE</u>	
PLASTICITY (CLAYS): <u>NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC</u>	
DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT / FIRM / STIFF / VERY STIFF / HARD</u>	
MOISTURE: <u>DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED</u>	
DISCOLORATION/STAINING OBSERVED: <u>(YES) NO</u> EXPLANATION: <u>GRAY w/ Black Streaks</u>	
HC ODOR DETECTED: <u>(YES) NO</u> EXPLANATION: <u>STRONG</u>	
SAMPLE TYPE: <u>GRAB</u> COMPOSITE - # OF PTS. <u>1</u>	
ADDITIONAL COMMENTS: <u>USE BACKHUE to dig out Pit & sample. Set Steel tank in EXACT LOCATION.</u>	

FIELD 418.1 CALCULATIONS								
SCALE	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
0 FT								
PIT PERIMETER				PIT PROFILE				
								
OVM READING								
SAMPLE ID				FIELD HEADSPACE (ppm)				
1 @ 11'				250				
2 @								
3 @								
4 @								
5 @								
LAB SAMPLES								
SAMPLE ID				ANALYSIS				
C @ 11'				TTH/UTEX 1302				
				BOTH PASSED				

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

TRAVEL NOTES:	CALLOUT: <u>10/16/02 NNN</u>	ONSITE: <u>10/16/02 1230</u>
---------------	------------------------------	------------------------------

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / BP
Sample ID: Dehy C @ 11'
Laboratory Number: 24054
Chain of Custody No: 10360
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact


Project #: 94034-010
Date Reported: 10-18-02
Date Sampled: 10-16-02
Date Received: 10-16-02
Date Extracted: 10-17-02
Date Analyzed: 10-18-02
Analysis Requested: 8015 TPH

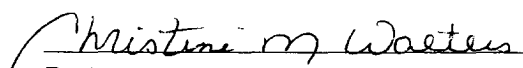
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	819	0.2
Diesel Range (C10 - C28)	269	0.1
Total Petroleum Hydrocarbons	1,090	0.2

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: GCU 152.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Blagg / BP
Sample ID: Dehy C @ 11'
Laboratory Number: 24054
Chain of Custody: 10360
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 94034-010
Date Reported: 10-18-02
Date Sampled: 10-16-02
Date Received: 10-16-02
Date Analyzed: 10-18-02
Date Extracted: 10-17-02
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	228	1.8
Toluene	1,060	1.7
Ethylbenzene	1,030	1.5
p,m-Xylene	3,500	2.2
o-Xylene	2,010	1.0
Total BTEX	7,830	

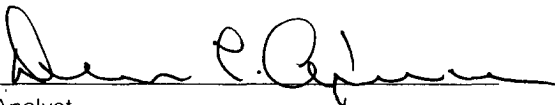
ND - Parameter not detected at the stated detection limit.

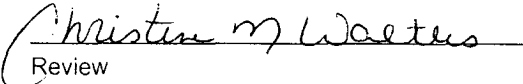
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94 %
	1,4-difluorobenzene	94 %
	Bromochlorobenzene	94 %

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: GCU 152.


Analyst


Review

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81081</u> C.O.C. NO: <u>11642</u>
-------------------	--	--

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>GCU</u>	WELL #: <u>152</u>	PITS: <u>DEHY</u>	DATE STARTED: <u>1/12/04</u>
QUAD/UNIT: <u>M</u>	SEC: <u>21</u>	TWP: <u>29N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>	DATE FINISHED: _____
QTR/FOOTAGE: _____	SW/SW CONTRACTOR: <u>FLINT</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARM
LAND USE: RANGE - BLM

APPROX. CUBIC YARDAGE: 25
LIFT DEPTH (ft): 0.5-1

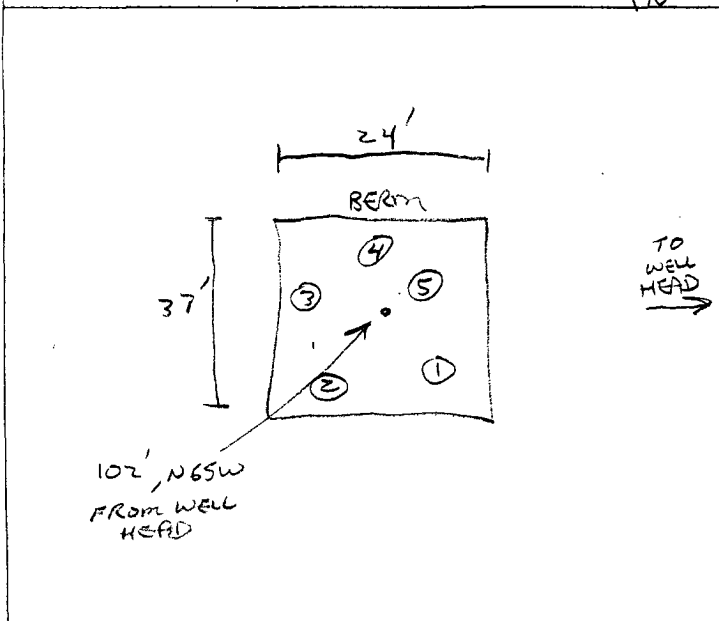
FIELD NOTES & REMARKS: NMOCB RANKING SCORE: 0 NMOCB TPH CLOSURE STD: 5000 PPM
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____
SOIL COLOR: MOD. 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): 4-10 (INCHES)
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5
ADDITIONAL COMMENTS: _____

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. 53.0 ppm
OVM CALIB. GAS = 100 ppm; RF = 0.52
TIME: 12:30 am/pm DATE: 1/6/04

OVM RESULTS LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80158)	1550	ND

P.C. - 10/16/02

SCALE



TRAVEL NOTES: CALLOUT: N/A ONSITE: 1/12/04
revised: 07/16/01

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

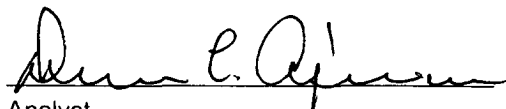
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	01-13-04
Laboratory Number:	27513	Date Sampled:	01-12-04
Chain of Custody No:	11642	Date Received:	01-13-04
Sample Matrix:	Soil	Date Extracted:	01-13-04
Preservative:	Cool	Date Analyzed:	01-13-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

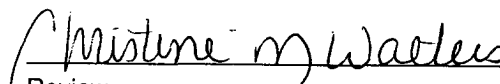
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **GCU #152 Landfarm 5 Pt. Composite Sample.**


Analyst


Review