

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: <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505)-326-9200</u> e-mail address: _____		
Address: <u>200 ENERGY COURT, FARMINGTON, NM 87410</u>		
Facility or well name: <u>ATLANTIC LS #19</u> API #: <u>30-045- 25256</u> U/L or Qtr/Qtr <u>C</u> Sec <u>25</u> T <u>31N</u> R <u>10W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.87524</u> Longitude <u>107.83770</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>SEPARATOR</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) <u>0</u> ( 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 No	(20 points) ( 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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) <u>0</u> ( 0 points)
<b>Ranking Score (Total Points)</b>		<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: <u>PIT LOCATED APPROXIMATELY 21 FT. N83E FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.</u>
<u>PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/> LANDFARM: <input type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)</u>
Cubic yards: <u>N/A</u>
<u>BEDROCK BOTTOM</u>

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: 09/14/05

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: CERTY. OIL & GAS INSPECTOR, DIST. 4

Printed Name/Title \_\_\_\_\_

Signature Jerry Reed

Date: FEB 28 2006

50-045-25256

56.87524 x 107.83770

CLIENT: BP
**BLAGG ENGINEERING, INC.**  
**P.O. BOX 87, BLOOMFIELD, NM 87413**  
**(505) 632-1199**
LOCATION NO: B1632COCR NO: 14506**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: ATLANTIC LS WELL #: 19 TYPE: SEPDATE STARTED: 9-7-05DATE FINISHED: 9-7-05QUAD/UNIT: C SEC: 25 TWP: 31N RNG: 10W PM: NM CNTY: SI ST: NMENVIRONMENTAL SPECIALIST: JCBQTR/FOOTAGE: SSO FNL x 1560 FWL <sup>NEWM</sup> CONTRACTOR: P+S (FERNANDO)EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE - BLM LEASE: NM-013683 FORMATION: PC**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 21 FT. N83E FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**
OVM CALIB. READ. = 52.7 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 1415 am/pm DATE: 9-7-05
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK CLASTONE @ 6" BGSOIL COLOR: PURPLECOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (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 / HARDMOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - LITE GRAY STREAKINGHC ODOR DETECTED: YES / NO EXPLANATION - MODERATESAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 3

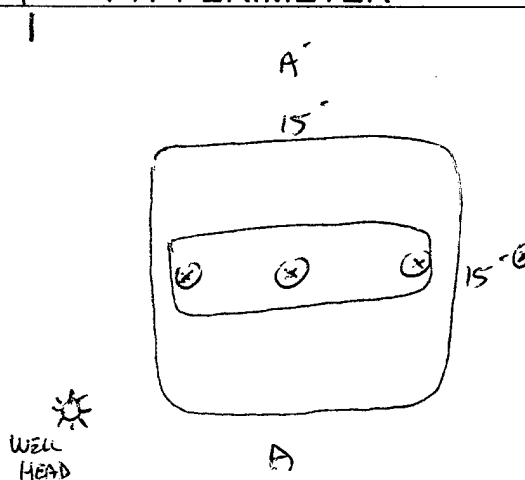
ADDITIONAL COMMENTS:

BEDROCK  
BOTTOM
15' x 15' x 3' Deep Earthen Pit. Use Backhoe  
TO DIG TEST TRENCH. FIRM BEDROCK CLASTONE @ 3" Below  
Pit Base.
**SCALE**

0 1 FT

**FIELD 418.1 CALCULATIONS**

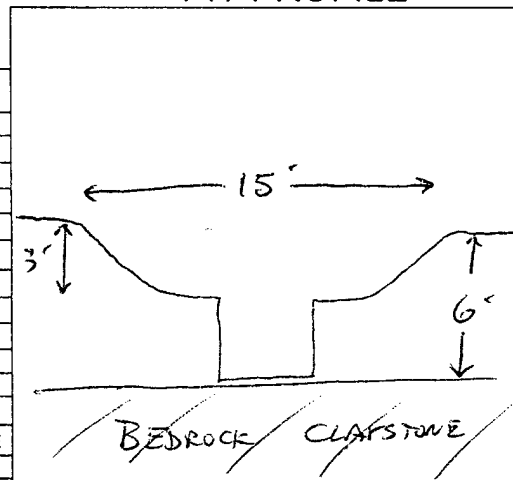
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

**PIT PERIMETER****PIT PROFILE****OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
3-Point	164
Composite	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
3-Point	TPH/BTEX	1350

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

TRAVEL NOTES:

CALLOUT: 9-7-05ONSITE: 9-7-05

# Hall Environmental Analysis Laboratory

Date: 14-Sep-05

CLIENT: Blagg Engineering  
Lab Order: 0509081  
Project: Atlantic LS 19  
Lab ID: 0509081-01

Client Sample ID: Separator Pit 3-Point Comp.  
Collection Date: 9/7/2005 1:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						Analyst: SCC
Diesel Range Organics (DRO)	72	10		mg/Kg	1	9/14/2005 8:36:51 AM
Motor Oil Range Organics (MRO)	89	50		mg/Kg	1	9/14/2005 8:36:51 AM
Surr: DNOP	99.2	60-124		%REC	1	9/14/2005 8:36:51 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	13	5.0		mg/Kg	1	9/13/2005 3:59:46 PM
Surr: BFB	115	83.1-124		%REC	1	9/13/2005 3:59:46 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	9/13/2005 3:59:46 PM
Toluene	0.031	0.025		mg/Kg	1	9/13/2005 3:59:46 PM
Ethylbenzene	0.034	0.025		mg/Kg	1	9/13/2005 3:59:46 PM
Xylenes, Total	0.29	0.025		mg/Kg	1	9/13/2005 3:59:46 PM
Surr: 4-Bromofluorobenzene	106	87.5-115		%REC	1	9/13/2005 3:59:46 PM

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

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

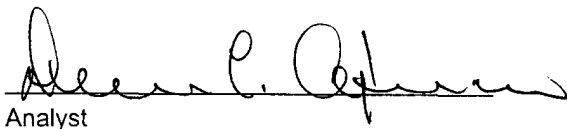
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	3 Point Comp	Date Reported:	09-12-05
Laboratory Number:	34272	Date Sampled:	09-07-05
Chain of Custody No:	14506	Date Received:	09-08-05
Sample Matrix:	Soil	Date Extracted:	09-08-05
Preservative:	Cool	Date Analyzed:	09-09-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

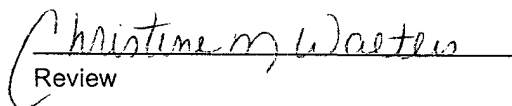
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	498	0.2
Diesel Range (C10 - C28)	78.7	0.1
Total Petroleum Hydrocarbons	577	0.2

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: **Atlantic LS 19 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:	3 Point Comp	Date Reported:	09-12-05
Laboratory Number:	34272	Date Sampled:	09-07-05
Chain of Custody:	14506	Date Received:	09-08-05
Sample Matrix:	Soil	Date Analyzed:	09-09-05
Preservative:	Cool	Date Extracted:	09-08-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	298	1.8
Toluene	6,770	1.7
Ethylbenzene	1,030	1.5
p,m-Xylene	7,500	2.2
o-Xylene	1,110	1.0
Total BTEX	16,710	

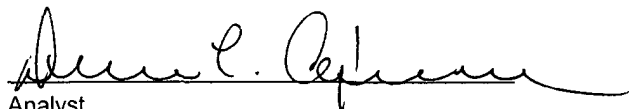
ND - Parameter not detected at the stated detection limit.

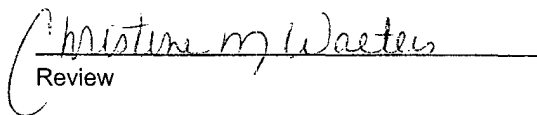
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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: Atlantic LS 19 Sep. Pit.

  
Analyst

  
Review