

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 PROD. CO. Telephone: (505-326-9200) e-mail address: \_\_\_\_\_  
Address: 200 ENERGY COURT, FARMINGTON, NM 87410  
Facility or well name: CASE B #1 API #: 30-045- 11006 U/L or Qtr/Qtr N Sec 5 T 31N R 11W  
County: SAN JUAN Latitude 36.92288 Longitude 108.01606 NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☒ SEPARATOR  
Workover ☐ Emergency ☐  
Lined ☐ Unlined ☒  
Liner type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐  
Pit Volume \_\_\_\_\_ bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: N/A  
Construction material: N/A  
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  
( 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) 0

Distance to surface water: (horizontal distance to all wetlands, playas, gation 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  
( 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 72 FT. N33E 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

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: 09/27/04

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.

proval:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. 01

Signature Bryan Bell

Date: JAN 09 2006

2062

50-045-11006

56.92288 x 108.01606

CLIENT:

BP

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

LOCATION NO: 81472

COCR NO: 13012

**FIELD REPORT: PIT CLOSURE VERIFICATION**

PAGE No: 1 of 1

LOCATION: NAME: CASE B WELL #: 1 TYPE: SEP

QUAD/UNIT: N SEC: 5 TWP: 31N RNG: 11W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 990'S/1650'W SELSW CONTRACTOR: SIEMKA (SHAWN)

DATE STARTED: 9-23-04

DATE FINISHED:

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: SF 078095 FORMATION: MV

FIELD NOTES &amp; REMARKS: PIT LOCATED APPROXIMATELY 72 FT. N33E FROM WELLHEAD.

DEPTH TO GROUNDWATER: &gt;100 NEAREST WATER SOURCE: &gt;1000 NEAREST SURFACE WATER: &gt;1000

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ. = 53.6 ppm

OVM CALIB. GAS = 100 ppm

RF = 0.52

TIME: 1605 am/pm DATE: 9/23

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

SOIL COLOR: 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 &amp; SILTS): SOFT (FIRM) STIFF / VERY STIFF / HARD

MOISTURE: DRY (SLIGHTLY MOIST) MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES/NO EXPLANATION - GREY STAINING 3'-10'

HC ODOR DETECTED: YES/NO EXPLANATION - MODERATE

SAMPLE TYPE: GRAB COMPOSITE - # OF PTS.

ADDITIONAL COMMENTS: 10' x 10' x 3' DEEP EARTHEN PIT BACKFILLED FOR

WORKOVER. USE BACKHOLE TO DIG TEST HOLE @ PIT LOCATION.

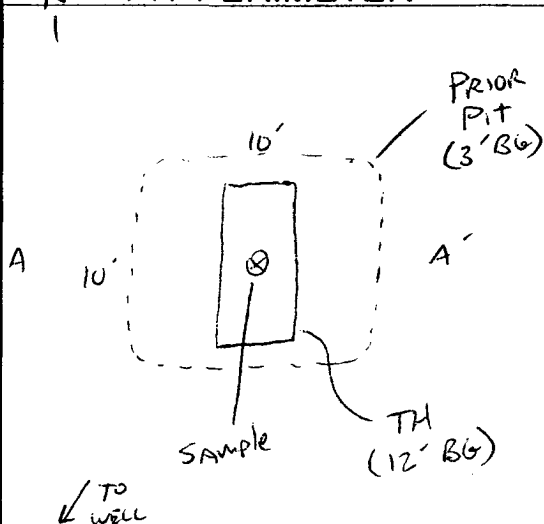
**FIELD 418.1 CALCULATIONS**

SCALE



0 FT

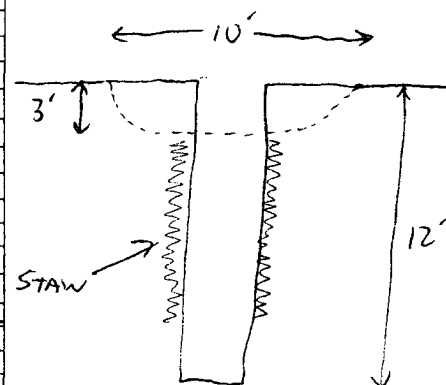
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**PIT PERIMETER****OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 12'	168
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
DRIZ	TH	1622
	(PRESSED)	

**PIT PROFILE**

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

TRAVEL NOTES:

CALLOUT: 9/23/04 15W ONSITE: 9/23/05 1600

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client: Blagg / BP  
Sample ID: 1 @ 12'  
Laboratory Number: 30632  
Chain of Custody No: 13012  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Cool and Intact

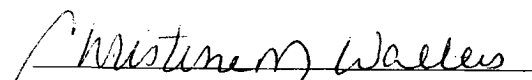
Project #: 94034-010  
Date Reported: 09-27-04  
Date Sampled: 09-23-04  
Date Received: 09-24-04  
Date Extracted: 09-24-04  
Date Analyzed: 09-24-04  
Analysis Requested: 8015 TPH

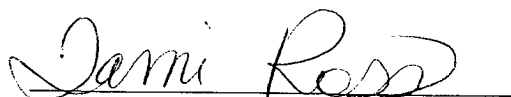
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	280	0.2
Diesel Range (C10 - C28)	0.9	0.1
Total Petroleum Hydrocarbons	281	0.2

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: **Case B #1 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:	1 @ 12'	Date Reported:	09-27-04
Laboratory Number:	30632	Date Sampled:	09-23-04
Chain of Custody:	13012	Date Received:	09-24-04
Sample Matrix:	Soil	Date Analyzed:	09-24-04
Preservative:	Cool	Date Extracted:	09-24-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1,440	1.8
Toluene	1,070	1.7
Ethylbenzene	298	1.5
p,m-Xylene	1,340	2.2
o-Xylene	450	1.0
Total BTEX	4,600	

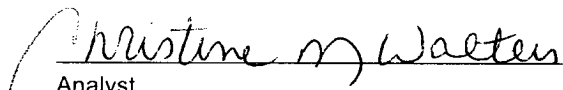
ND - Parameter not detected at the stated detection limit.

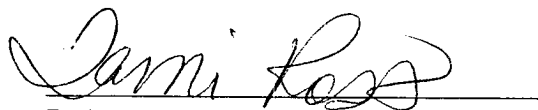
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

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: Case B #1 Sep. Pit.

  
Analyst

  
Review