

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: STOREY B #1E API #: 30-045- 24959 U/L or Qtr/Qtr I Sec 11 T 30N R 11W  
County: SAN JUAN Latitude 36.82388 Longitude 107.95428 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☐ Disposal ☒ BLOW  
Workover ☐ Emergency ☐  
Lined ☐ Unlined ☒  
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.

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)
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)

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)
1000 feet or more	( 0 points)

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 you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility CROUCH MESA. (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 21 FT. N55W FROM WELL HEAD.

PIT EXCAVATION: WIDTH 12 ft., LENGTH 12 ft., DEPTH 11 ft.

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

Cubic yards: 37

NEED TO ESTABLISH VERTICAL EXTENT

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: 03/10/05

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: DEPUTY OIL & GAS INSPECTOR, DIST. 8

Printed Name/Title

Signature

**DENIED**

Date:

**FEB 21 2006**

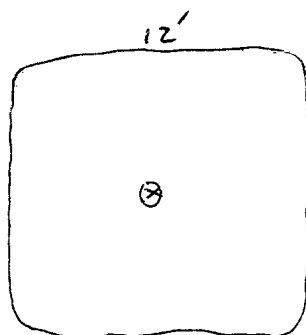
CLIENT: BP
**BLAGG ENGINEERING, INC.**  
**P.O. BOX 87, BLOOMFIELD, NM 87413**  
**(505) 632-1199**
LOCATION NO: 81498COCR NO: 13656**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1
LOCATION: NAME: STOREY B WELL #: 1E TYPE: BLOW  
QUAD/UNIT: I SEC: 11 TWP: 30N RRG: 11W PM: NM CNTY: SJ ST: NM  
QTR/FOOTAGE: 1750 FSL x 800 FEL <sup>NEISE</sup> CONTRACTOR: HD (LIONEL)
DATE STARTED: 3-8-05  
DATE FINISHED: 3-8-05ENVIRONMENTAL SPECIALIST: JCBEXCAVATION APPROX. 12 FT. x 12 FT. x 11 FT. DEEP. CUBIC YARDAGE: 37±DISPOSAL FACILITY: BP CROWN MESA LF REMEDIATION METHOD: L.F.LAND USE: RANGE - BLM LEASE: NM 076235 FORMATION: DKFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 21 FT. N55W FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: <1000NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM**SOIL AND EXCAVATION DESCRIPTION:**
OVM CALIB. READ. = 53 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 1020 am/pm DATE: 3/8
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERSOIL COLOR: GRAY/BLACK 3'-10' ; BROWN 10'-12'COHESION (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 &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - 3'-10'HC ODOR DETECTED: YES / NO EXPLANATION - MODERATESAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. —ADDITIONAL COMMENTS: 12' x 12' x 3' DEEP EARTHEN PIT. USE BACKHOE TO Remove Contaminated Soil & collect Sample.NEED TO  
ESTABLISH  
VERTICAL EXTENT**FIELD 418.1 CALCULATIONS**

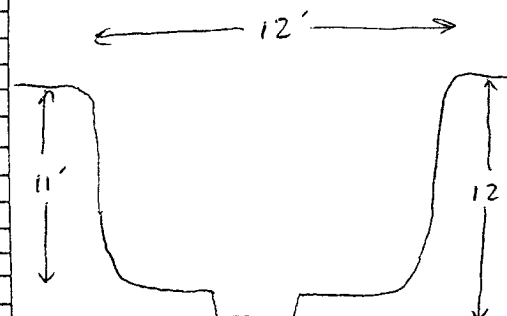
SCALE

0  
↑  
N  
FT**PIT PERIMETER****PIT PROFILE****OVM  
READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 12'	317
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
DE12	TPH/BEX	0730
<u>BOTH FAILED</u>		


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

TRAVEL NOTES:

CALLOUT: 3/8/05 0730 ONSITE: 3/8/05 0805

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

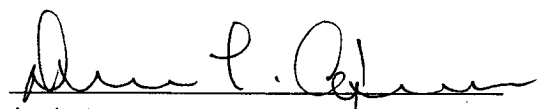
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 12'	Date Reported:	03-10-05
Laboratory Number:	32327	Date Sampled:	03-08-05
Chain of Custody No:	13656	Date Received:	03-09-05
Sample Matrix:	Soil	Date Extracted:	03-09-05
Preservative:	Cool	Date Analyzed:	03-10-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

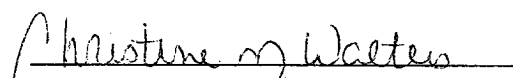
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,210	0.2
Diesel Range (C10 - C28)	835	0.1
Total Petroleum Hydrocarbons	3,050	0.2

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: **Storey B #1E Blow 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:	03-10-05
Laboratory Number:	32327	Date Sampled:	03-08-05
Chain of Custody:	13656	Date Received:	03-09-05
Sample Matrix:	Soil	Date Analyzed:	03-10-05
Preservative:	Cool	Date Extracted:	03-09-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	50.0	2.1
Toluene	4,060	1.8
Ethylbenzene	6,390	1.7
p,m-Xylene	62,510	1.5
o-Xylene	37,470	2.2
Total BTEX	110,480	

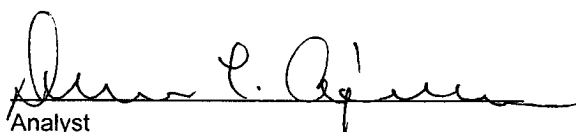
ND - Parameter not detected at the stated detection limit.

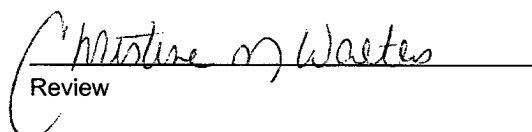
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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: Storey B #1E Blow Pit.

  
Analyst

  
Review