

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 #2A API #: 30-045- 23174 U/L or Qtr/Qtr F Sec 8 T 31N R 11W  
County: SAN JUAN Latitude 36.91548 Longitude 108.01609 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

RCVD APR 5 '07  
OIL CONS. DIV.

<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> <u>DEHYDRATOR</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> <u>STEEL TANK</u> 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: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If <u>no</u> , 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) <b>0</b>
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) <b>0</b>
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) <b>0</b>
<b>Ranking Score (Total Points)</b> <b>0</b>	

**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 84 FT. N30W 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: 05/30/06

Printed Name/Title Jeff Blagg - P.E. # 11607

Signature \_\_\_\_\_

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 \_\_\_\_\_

Date: AUG 09 2007

CLIENT: BP
**BLAGG ENGINEERING, INC.**  
**P.O. BOX 87, BLOOMFIELD, NM 87413**  
**(505) 632-1199**
LOCATION NO: 81775COCR NO: 14652**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1
 LOCATION: NAME: CASE B WELL#: 2A TYPE: DEHT  
 QUAD/UNIT: F SEC: 8 TWP: 31N RNG: 11W PM: NM CNTY: SJ ST: NM  
 QTR/FOOTAGE: 1670 FNL x 1985 FWL <sup>SEHW</sup> CONTRACTOR: L+R (ADRIAN)
DATE STARTED: 5/23/06DATE FINISHED: 5/23/06ENVIRONMENTAL SPECIALIST: JCBEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE - BLM LEASE: SF-078095 FORMATION: MV**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 84 FT. N 30W 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. = 52.0 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 0630 (am)pm DATE: 5/23
SOIL TYPE SAND / SILTY SAND / SILT (SILTY CLAY) CLAY / GRAVEL / OTHERSOIL COLOR DARK BROWNCOHESION (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 -HC ODOR DETECTED: YES (NO) EXPLANATION -

SAMPLE TYPE GRAB / COMPOSITE - # OF PTS. \_\_\_\_\_

ADDITIONAL COMMENTS:

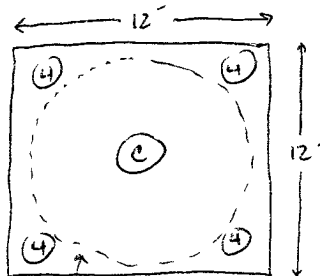
12' x 12' x 6' ± Deep wood lined cellar w/  
95 BSL steel tank. Use Brethor to Pull tank & collect samples
CLOSED**FIELD 418.1 CALCULATIONS**

SCALE



0 FT

N

**PIT PERIMETER**

TANK FOOTPRINT

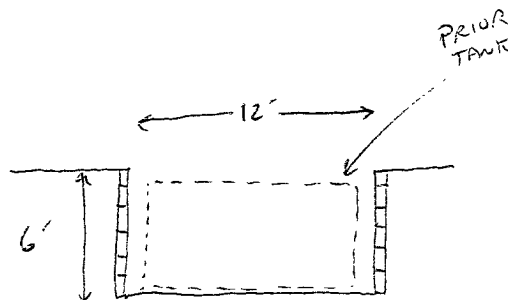
TO WELL

**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
2 @ 9'	3.3
4 @ 9'	1.8

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
2 @ 9'	T/B/C/L	1305
4 @ 9'	"	1312

PASSED**PIT PROFILE**
 P.D. = PIT DEPRESSION, B.G. = BELOW GRADE; B = BELOW  
 T.H. = TEST HOLE, - = APPROX.; T.B. = TANK BOTTOM

TRAVEL NOTES:

CALLOUT: \_\_\_\_\_

ONSITE: 5/23/06

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

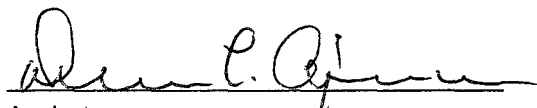
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	4-Pt @ 9'	Date Reported:	05-31-06
Laboratory Number:	37244	Date Sampled:	05-23-06
Chain of Custody No:	14652	Date Received:	05-24-06
Sample Matrix:	Soil	Date Extracted:	05-25-06
Preservative:	Cool	Date Analyzed:	05-31-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

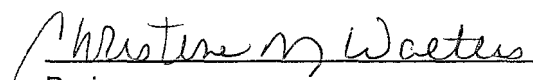
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Case B #2A Dehy 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:	4-Pt @ 9'	Date Reported:	05-31-06
Laboratory Number:	37244	Date Sampled:	05-23-06
Chain of Custody:	14652	Date Received:	05-24-06
Sample Matrix:	Soil	Date Analyzed:	05-31-06
Preservative:	Cool	Date Extracted:	05-25-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	10.0	1.7
Ethylbenzene	48.8	1.5
p,m-Xylene	20.9	2.2
o-Xylene	5.1	1.0
Total BTEX	84.8	


ND - Parameter not detected at the stated detection limit.

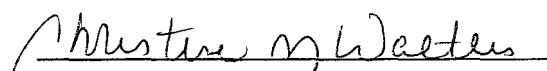
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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: Case B #2A Dehy Pit.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	4-Pt @ 9'	Date Reported:	05-31-06
Lab ID#:	37244	Date Sampled:	05-23-06
Sample Matrix:	Soil	Date Received:	05-24-06
Preservative:	Cool	Date Analyzed:	05-25-06
Condition:	Cool and Intact	Chain of Custody:	14652

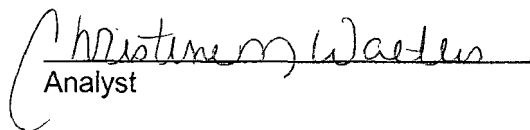
Parameter	Concentration (mg/Kg)
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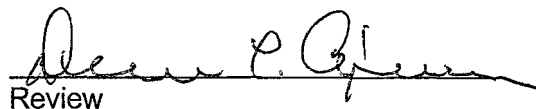
**Total Chloride**

**118**

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

Comments: **Case B #2A Dehy Pit.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

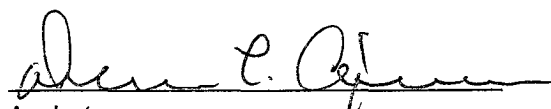
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	C @ 9'	Date Reported:	05-31-06
Laboratory Number:	37243	Date Sampled:	05-23-06
Chain of Custody No:	14652	Date Received:	05-24-06
Sample Matrix:	Soil	Date Extracted:	05-25-06
Preservative:	Cool	Date Analyzed:	05-31-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

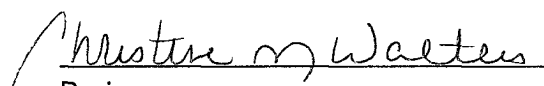
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Case B #2A Dehy 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:	C @ 9'	Date Reported:	05-31-06
Laboratory Number:	37243	Date Sampled:	05-23-06
Chain of Custody:	14652	Date Received:	05-24-06
Sample Matrix:	Soil	Date Analyzed:	05-31-06
Preservative:	Cool	Date Extracted:	05-25-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	9.6	1.7
Ethylbenzene	8.3	1.5
p,m-Xylene	26.2	2.2
o-Xylene	7.7	1.0
Total BTEX	51.8	

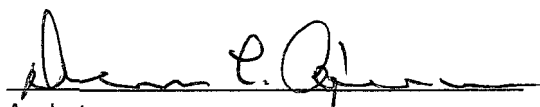
ND - Parameter not detected at the stated detection limit.

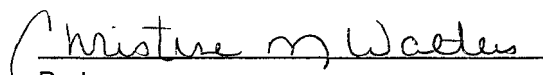
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Case B #2A Dehy Pit.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	C @ 9'	Date Reported:	05-31-06
Lab ID#:	37243	Date Sampled:	05-23-06
Sample Matrix:	Soil	Date Received:	05-24-06
Preservative:	Cool	Date Analyzed:	05-25-06
Condition:	Cool and Intact	Chain of Custody:	14652

Parameter

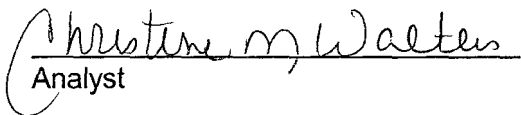
Concentration (mg/Kg)

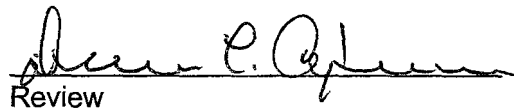
Total Chloride

116

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

Comments: Case B #2A Dehy Pit.

  
Analyst

  
Review