

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

RCVD DEC27'06

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 ☒

DOL CONS. DIV.

Operator: BP America Production Company Telephone: (505)326-9200 e-mail address: \_\_\_\_\_  
Address: 200 Energy Ct, Farmington, NM 87401  
Facility or well name: CRAWFORD GC B #1 API #: 30045 07983 U/L or Qtr/Qtr L Sec 24 T 29 N R 12 W  
County: San Juan Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input 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	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: <u>MA</u> Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If no, 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)	<u>0</u>
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) 1000 feet or more (0 points)	<u>0</u>
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.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 6 Signature [Signature] Date: DEC 27 2006

CLIENT: BP

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

LOCATION NO: B1167COCR NO: 10686**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: CRAWFORD GC B WELL#: 1 TYPE: BLOWDATE STARTED: 3/13/03QUAD/UNIT: L SEC: 24 TWP: 29N RNG: 12W PM: NM CNTY: SJ ST: NM

DATE FINISHED:

QTR/FOOTAGE: 1450'S/810'W NW/SE CONTRACTOR: FLINT (BEN)ENVIRONMENTAL SPECIALIST: NVEXCAVATION APPROX. 24 FT. x 43 FT. x 15 FT. DEEP. CUBIC YARDAGE: 575DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARMLAND USE: RANGE - BLM LEASE: NM073679 FORMATION: OK**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 315 FT. NSW FROM WELLHEAD.DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**EX. 5618' G.L.

OVM CALIB. READ. = 50.1 ppm CHECK  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 10:00 am/pm DATE: 3/13/03

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERSOIL COLOR: BLACKCOHESION (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 - ENTIRE TEST HOLE INTERVAL.HC ODOR DETECTED: YES / NO EXPLANATION - TEST HOLE + OVM SAMPLE.SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. —ADDITIONAL COMMENTS: PIT LOCATED OFF WELL PAD + DOWN SLOPE.CLOSED**FIELD 418.1 CALCULATIONS**

SCALE

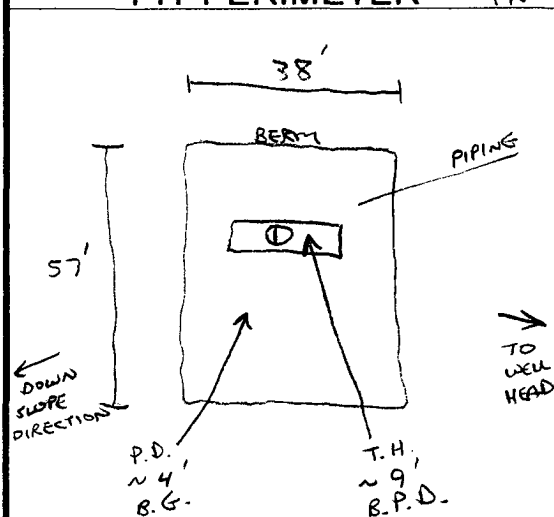


0 FT

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

**PIT PERIMETER**

N

**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 13'	L III
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
1 @ 13'	TPH (80158)	0950
"	BTEX (80218)	"

(BOTH 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: 3/13/03 - MORN.ONSITE: 3/13/03 - MORN.

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client: Blagg / BP  
Sample ID: 1 @ 13'  
Laboratory Number: 25043  
Chain of Custody No: 10686  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Cool and Intact

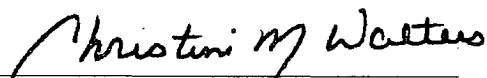
Project #: 94034-010  
Date Reported: 03-18-03  
Date Sampled: 03-13-03  
Date Received: 03-13-03  
Date Extracted: 03-13-03  
Date Analyzed: 03-14-03  
Analysis Requested: 8015 TPH

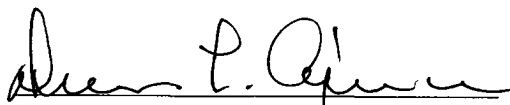
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	423	0.2
Diesel Range (C10 - C28)	17.9	0.1
Total Petroleum Hydrocarbons	441	0.2

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: Crawford GC B #1 Blow Pit Grab Sample.

  
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 @ 13'	Date Reported:	03-18-03
Laboratory Number:	25043	Date Sampled:	03-13-03
Chain of Custody:	10686	Date Received:	03-13-03
Sample Matrix:	Soil	Date Analyzed:	03-14-03
Preservative:	Cool	Date Extracted:	03-13-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	307	1.8
Toluene	2,510	1.7
Ethylbenzene	1,090	1.5
p,m-Xylene	2,110	2.2
o-Xylene	2,110	1.0
Total BTEX	8,130	

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: Crawford GC B #1 Blow Pit Grab Sample.

Analyst

*Christina M. Walters*

Review

*Debra P. Apic*