

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 Production Company Telephone: (505)326-9200 e-mail address: \_\_\_\_\_  
Address: 200 Energy Ct. Farmington, NM 87401  
Facility or well name: HEATON A #1 API #: 3004523442 U/L or Qtr/Qtr M Sec 30 T 31 N R 1 W  
County: San Juan Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit

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

Below-grade tank

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: \_\_\_\_\_  
Double-walled, with leak detection? Yes ☐ If not, explain why not. \_\_\_\_\_

RCVD NOV 17 2006

OIL CONS. DIV.

DIST. 3

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)	0
	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)	0
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)	0
	1000 feet or more	(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:

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.

Proval:

DEPUTY OIL & GAS INSPECTOR, DIST. 3

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

Signature Bob Bell

Date: NOV 17 2006



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

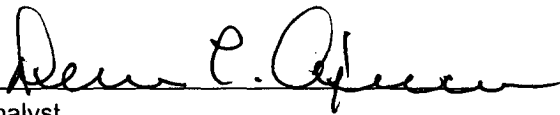
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 10'	Date Reported:	03-22-02
Laboratory Number:	22342	Date Sampled:	03-20-02
Chain of Custody No:	9802	Date Received:	03-21-02
Sample Matrix:	Soil	Date Extracted:	03-21-02
Preservative:	Cool	Date Analyzed:	03-22-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

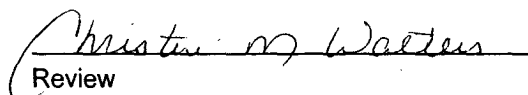
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,560	0.2
Diesel Range (C10 - C28)	76.8	0.1
Total Petroleum Hydrocarbons	1,640	0.2

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: **Heaton A #1 Separator 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 @ 10'	Date Reported:	03-22-02
Laboratory Number:	22342	Date Sampled:	03-20-02
Chain of Custody:	9802	Date Received:	03-21-02
Sample Matrix:	Soil	Date Analyzed:	03-22-02
Preservative:	Cool	Date Extracted:	03-21-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	132	1.8
Toluene	1,440	1.7
Ethylbenzene	1,610	1.5
p,m-Xylene	1,570	2.2
o-Xylene	2,100	1.0
Total BTEX	6,850	

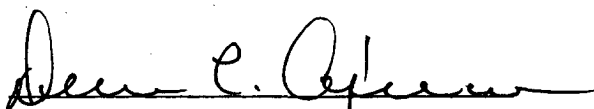
ND - Parameter not detected at the stated detection limit.

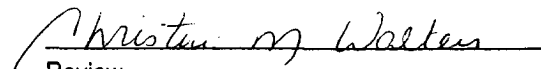
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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: Heaton A #1 Production Tank Pit Grab Sample.

  
Analyst

  
Review

CLIENT: <u>BP</u>	<b>BLAGG ENGINEERING, INC.</b> P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80940</u> C.O.C. NO: <u>9918</u>
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## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>HEATON A</u> WELL #: <u>1</u> PITS: <u>PROD., SEP.</u> QUAD/UNIT: <u>M</u> SEC: <u>30</u> TWP: <u>31N</u> RNG: <u>11W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>SW/4</u> CONTRACTOR: <u>FLINT (OSCAR)</u>	DATE STARTED: _____ DATE FINISHED: <u>4-29-02</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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SOIL REMEDIATION: REMEDIATION SYSTEM: <u>LANDFARM</u> LAND USE: <u>RANGE - FEE LEASE</u>	APPROX. CUBIC YARDAGE: <u>56±</u> LIFT DEPTH (ft): <u>2</u>
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FIELD NOTES & REMARKS:	NMCD RANKING SCORE: <u>0</u> NMCD TPH CLOSURE STD: <u>5000</u> ppm DEPTH TO GROUNDWATER: <u>&gt;100</u> NEAREST WATER SOURCE: <u>&gt;1000</u> NEAREST SURFACE WATER: <u>&gt;1000</u>
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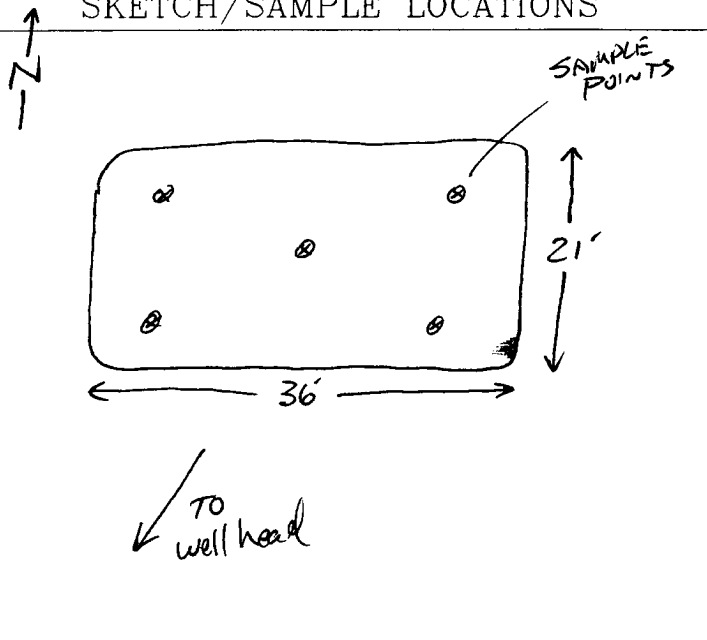
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_  
 SOIL COLOR: LITE BROWN  
 COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE  
 CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE  
 PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC  
 DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD  
 MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED  
 DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - \_\_\_\_\_  
 HC ODOR DETECTED: YES / NO EXPLANATION - MINOR  
 SAMPLING DEPTHS (LANDFARMS): 10± (INCHES)  
 SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5  
 ADDITIONAL COMMENTS: DIRECTED JOE ARCHULETA TO HAVE FLINT Thin Spread ON Location.

CLOSED

### FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

### SKETCH/SAMPLE LOCATIONS



DVM CALIB. READ: <u>131.9</u> ppm
DVM CALIB. GAS = <u>200</u> ppm; RF = 0.52
TIME: <u>0945</u> am DATE: <u>4/29/02</u>

### OVM RESULTS      LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
5-PT.	88	5-PT	TPH 8015	1125	462

SCALE  
  
 0      1 FT

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

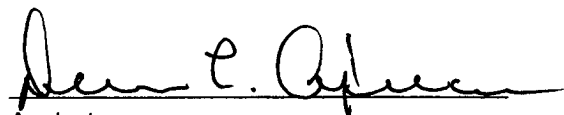
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Landfarm 5 Pt. Composite	Date Reported:	04-30-02
Laboratory Number:	22625	Date Sampled:	04-29-02
Chain of Custody No:	9918	Date Received:	04-29-02
Sample Matrix:	Soil	Date Extracted:	04-30-02
Preservative:	Cool	Date Analyzed:	04-30-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

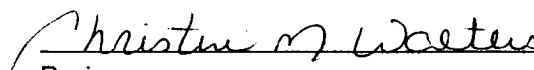
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	345	0.2
Diesel Range (C10 - C28)	117	0.1
Total Petroleum Hydrocarbons	462	0.2

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: **Heaton A - 1.**

  
Analyst

  
Review