

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 Production Company Telephone: (505)326-9200 e-mail address: _____

Address: 200 Energy Ct. Farmington, NM 87401

Facility or well name: HEATON LS #4 API #: 30045 10349 U/L or Qtr/Qtr H Sec 29 T 31 NR 11 W

County: San Juan Latitude _____ Longitude _____ NAD: 1927 1983

Surface Owner: Federal State Private Indian

Pit	Below-grade tank	
Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/>	Volume: _____ bbl Type of fluid: <u> A </u>	
Lined <input type="checkbox"/> Unlined <input type="checkbox"/>	Construction material: _____	
Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/>	Double-walled, with leak detection? Yes <input type="checkbox"/> If no, explain why not.	
Pit Volume _____ bbl	_____	
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)		<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
Printed Name/Title _____

Signature [Signature]

Date: JAN 30 2007

CLIENT: BP **BLAGG ENGINEERING, INC.**
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199 LOCATION NO: 81196
 COCR NO: 10800

FIELD REPORT: PIT CLOSURE VERIFICATION PAGE No: 1 of 1

LOCATION: NAME: HEATON LS WELL #: 4 TYPE: SEP.
 QUAD/UNIT: H SEC: 29 TWP: 31N RNG: 11W PM: NM CNTY: SJ ST: NM
 QTR/FOOTAGE: 1650'N/1042'E SE/NE CONTRACTOR: HDI (EDGAR)
 ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 20 FT. x 20 FT. x 11 FT. DEEP. CUBIC YARDAGE: 160
 DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM
 LAND USE: RANGE - BUM LEASE: SE 078097 FORMATION: MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 19 FT. S73E FROM WELLHEAD.
 DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:
 SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____
 SOIL COLOR: LT. TO MED. 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 & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
 MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED
 DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - LT. TO MED. GRAY BET. 4' - 11' BELOW GRADE.
 HC ODOR DETECTED: YES / NO EXPLANATION - TEST HOLE + OUM SAMPLE.
 SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. _____
 ADDITIONAL COMMENTS: PIT BACKFILLED 3/27/03 FOR WORKOVER RIG TO COMPLETE OPERATION.
ORIGINAL PIT DIMENSIONS 15'X15'X3' ACCORDING TO PIT INVENTORY FIELD REPORT.

OVM CALIB. READ. = 52.7 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 10:25 @P/PM DATE: 4/23/03

CLOSED

FIELD 418.1 CALCULATIONS

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

SCALE 0 FT

PIT PERIMETER **N**

WELL HEAD

T.H. ~ 11' B.G.

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 11'	1189
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
① @ 11'	TPH (8015B)	1022
"	BTEX (821B)	"
BOTH PASSED		

NOT APPLICABLE

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

TRAVEL NOTES: CALLOUT: 4/23/03 - MORN. ONSITE: 4/23/03 - MORN.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

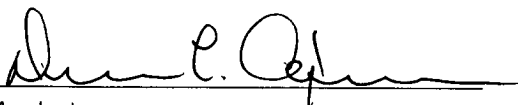
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 11'	Date Reported:	04-24-03
Laboratory Number:	25450	Date Sampled:	04-23-03
Chain of Custody No:	10800	Date Received:	04-23-03
Sample Matrix:	Soil	Date Extracted:	04-24-03
Preservative:	Cool	Date Analyzed:	04-24-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

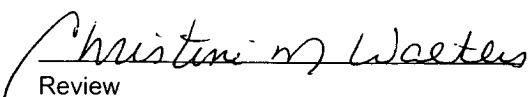
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	403	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	403	0.2

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 LS #4 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 @ 11'	Date Reported:	04-24-03
Laboratory Number:	25450	Date Sampled:	04-23-03
Chain of Custody:	10800	Date Received:	04-23-03
Sample Matrix:	Soil	Date Analyzed:	04-24-03
Preservative:	Cool	Date Extracted:	04-24-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	233	1.8
Toluene	1,110	1.7
Ethylbenzene	103	1.5
p,m-Xylene	550	2.2
o-Xylene	123	1.0
Total BTEX	2,120	

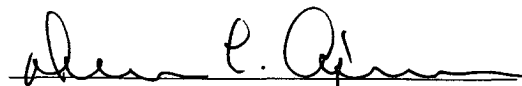
ND - Parameter not detected at the stated detection limit.

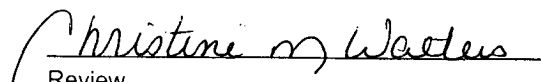
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

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: **Heaton LS #4 Separator Pit Grab Sample.**


Analyst


Review

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81196</u> C.O.C. NO: <u>13918</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>HEATON LS</u> WELL #: <u>4</u> PITS: <u>Blow, SEP</u>	DATE STARTED: <u>7/22/05</u>
QUAD/UNIT: <u>H</u> SEC: <u>29</u> TWP: <u>31N</u> RNG: <u>16W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>	DATE FINISHED: _____
QTR/FOOTAGE: _____ CONTRACTOR: <u>SELNE</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

SOIL REMEDIATION: _____	320
REMEDIATION SYSTEM: <u>STOCKPILE</u>	APPROX. CUBIC YARDAGE: _____
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>N/A</u>

FIELD NOTES & REMARKS: DEPTH TO GROUNDWATER: >100' NEAREST SURFACE WATER: >1,000'

NEAREST WATER SOURCE: >1,000' NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPM

SOIL TYPE: ~~SAND~~ / ~~SILTY SAND~~ / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____

SOIL COLOR: OK. YELL. 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 - _____

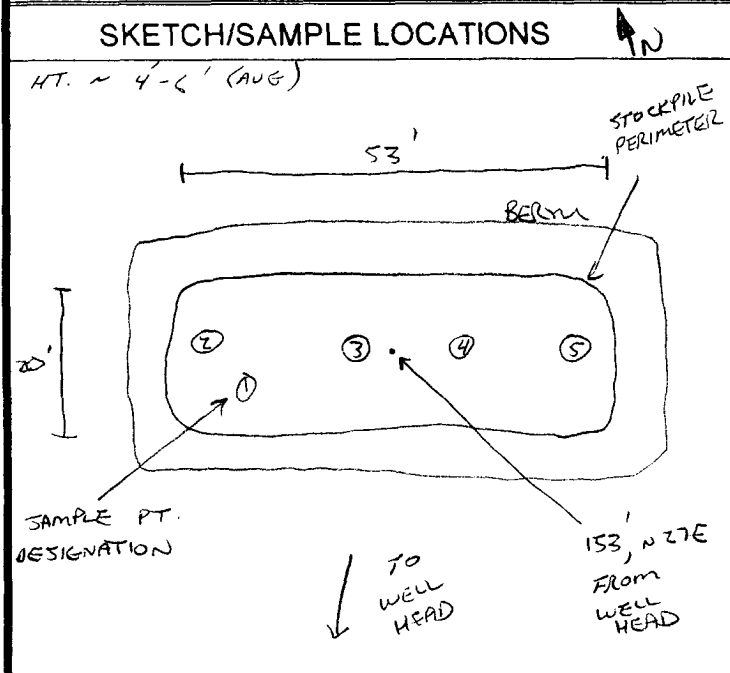
HC ODOR DETECTED: YES / NO EXPLANATION - _____

SAMPLING DEPTHS (LANDFARMS): N/A (INCHES)

SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

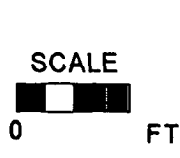
ADDITIONAL COMMENTS: _____

CLOSED



OVM CALIB. READ. = 53.4 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 7:10 @/pm DATE: 7/20/05

OVM RESULTS		LAB SAMPLES			
SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
SP-1	0.0	SP-1	TPH (80158)	0850	ND



P.C. - 4/23/03

TRAVEL NOTES: CALLOUT: N/A ONSITE: 7/22/05

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

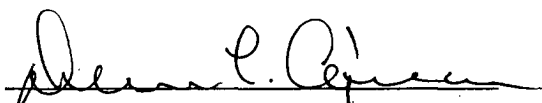
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	SP - 1	Date Reported:	07-28-05
Laboratory Number:	33832	Date Sampled:	07-22-05
Chain of Custody No:	13918	Date Received:	07-25-05
Sample Matrix:	Soil	Date Extracted:	07-27-05
Preservative:	Cool	Date Analyzed:	07-28-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

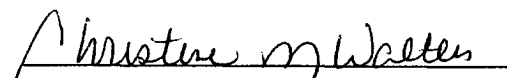
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Heaton LS #4 Stockpile 5 Pt. Composite Sample.**


Analyst


Review