

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
March 12, 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: <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505) 326-9200</u>		RCVD MAR20'07	
Address: <u>200 Energy Court, Farmington, NM 87410</u>		OIL CONS. DIV.	
Facility or well name: <u>HEATH GC P #1E</u>		DIST. 3	
API #: <u>30-045-25659</u>		U/L or Qtr/Qtr <u>C</u> Sec <u>31</u> T <u>30N</u> R <u>9W</u>	
County: <u>San Juan</u> Latitude <u>36.77365</u> Longitude <u>107.82414</u>		NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> DEHYDRATOR Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u> </u> mil Clay <input type="checkbox"/> Volume <u> </u> bbl		Below-grade tank Volume: <u> </u> bbl Type of fluid: <u> </u> Construction material: <u>N/A</u> Double-walled with leak detection? Yes <input checked="" type="checkbox"/> 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)	0
	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)	0
	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)	0
	200 feet or more, but less than 1000 feet	(10 points)	
	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: 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.

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: 06/12/04


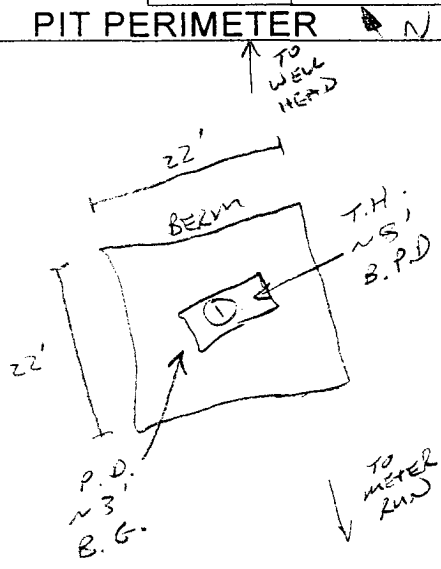
Printed Name/Title Jeff Blagg - P.E. # 11607 Signature Jeff Blagg

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: MAR 20 2007

Date:

Printed Name/Title SENIOR OIL & GAS INSPECTOR, DIST. 3 Signature Bob Doherty

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80747</u> COCR NO: <u>11667</u>																																																																																													
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																																																																													
LOCATION: NAME: <u>HEATH GC P</u> WELL #: <u>1E</u> TYPE: <u>DEHY</u> QUAD/UNIT: <u>C</u> SEC: <u>31</u> TWP: <u>30N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>790'N/880'W</u> NE/NW CONTRACTOR: <u>HDI (CONCRE)</u>		DATE STARTED: <u>3/5/04</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																																																																													
EXCAVATION APPROX. <u>18</u> FT. x <u>19</u> FT. x <u>8</u> FT. DEEP. CUBIC YARDAGE: <u>100</u>																																																																																															
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>																																																																																															
LAND USE: <u>RANGE - BLM</u> LEASE: <u>NM076098</u> FORMATION: <u>OK/MV</u>																																																																																															
FIELD NOTES & REMARKS: <u>PIT LOCATED APPROXIMATELY 108 FT. S28W FROM WELLHEAD.</u>																																																																																															
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>																																																																																															
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM																																																																																															
SOIL AND EXCAVATION DESCRIPTION:		OVM CALIB. READ. = <u>53.3</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>2:40</u> am/pm DATE: <u>3/5/04</u>																																																																																													
SOIL TYPE: SAND / <u>SILTY SAND</u> SILT / <u>SILTY CLAY</u> CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>LT. GRAY TO BLACK</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> SLIGHTLY COHESIVE / <u>COHESIVE</u> HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / <u>FIRM</u> DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / <u>COHESIVE</u> / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / <u>FIRM</u> / <u>STIFF</u> VERY STIFF / HARD MOISTURE: DRY / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>ENTIRE TEST HOLE INTERVAL</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>ENTIRE TEST HOLE + DUM SAMPLE</u> SAMPLE TYPE: <u>GRAB</u> COMPOSITE - # OF PTS. <u>1</u> ADDITIONAL COMMENTS: _____																																																																																															
FIELD 418.1 CALCULATIONS																																																																																															
SCALE 	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>							SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																																																																
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																																																																								
PIT PERIMETER 	<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p style="text-align: center;">OVM READING</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @ 11'</td><td>2140</td></tr> <tr><td>2 @</td><td> </td></tr> <tr><td>3 @</td><td> </td></tr> <tr><td>4 @</td><td> </td></tr> <tr><td>5 @</td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> <p style="text-align: center;">LAB SAMPLES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr><td>1 @ 11'</td><td>TPH (30153)</td><td>1435</td></tr> <tr><td>"</td><td>BTEX (30218)</td><td>"</td></tr> <tr><td colspan="3" style="text-align: center;"><u>BOTH PASSED</u></td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> <div style="width:50%; text-align: center;"> <p>PIT PROFILE</p> <p style="font-size: 1.5em;">NOT APPLICABLE</p> </div> </div>							SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 11'	2140	2 @		3 @		4 @		5 @														SAMPLE ID	ANALYSIS	TIME	1 @ 11'	TPH (30153)	1435	"	BTEX (30218)	"	<u>BOTH PASSED</u>																																																						
SAMPLE ID	FIELD HEADSPACE (ppm)																																																																																														
1 @ 11'	2140																																																																																														
2 @																																																																																															
3 @																																																																																															
4 @																																																																																															
5 @																																																																																															
SAMPLE ID	ANALYSIS	TIME																																																																																													
1 @ 11'	TPH (30153)	1435																																																																																													
"	BTEX (30218)	"																																																																																													
<u>BOTH PASSED</u>																																																																																															
TRAVEL NOTES: CALLOUT: <u>3/5/04 - NOON</u> ONSITE: <u>3/5/04 - AFTER.</u>																																																																																															

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

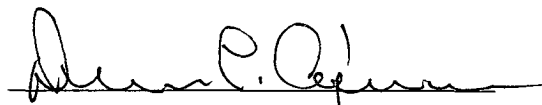
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 11'	Date Reported:	03-09-04
Laboratory Number:	28044	Date Sampled:	03-05-04
Chain of Custody No:	11667	Date Received:	03-08-04
Sample Matrix:	Soil	Date Extracted:	03-08-04
Preservative:	Cool	Date Analyzed:	03-09-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

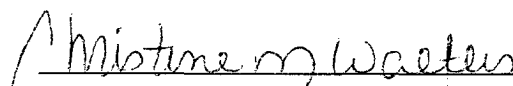
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	301	0.2
Diesel Range (C10 - C28)	152	0.1
Total Petroleum Hydrocarbons	453	0.2

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: Heath GC P #1E Dehydrator 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:	03-09-04
Laboratory Number:	28044	Date Sampled:	03-05-04
Chain of Custody:	11667	Date Received:	03-08-04
Sample Matrix:	Soil	Date Analyzed:	03-09-04
Preservative:	Cool	Date Extracted:	03-08-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	12.6	1.8
Toluene	208	1.7
Ethylbenzene	203	1.5
p,m-Xylene	1,350	2.2
o-Xylene	503	1.0
Total BTEX	2,280	

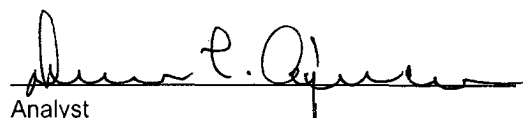
ND - Parameter not detected at the stated detection limit.

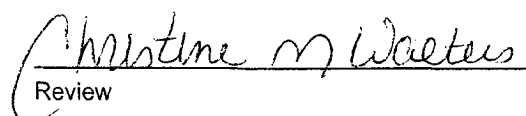
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

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: Heath GC P #1E Dehydrator Pit Grab Sample.


Analyst


Review