

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

RCVD MAR 26 '07
OIL CONS. DIV.
DIST. 3

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>	
Address: <u>200 Energy Court, Farmington, NM 87410</u>	
Facility or well name: <u>HUGHES A #3E</u>	API #: <u>30-045-25285</u> U/L or Qtr/Qt <u>I</u> Sec <u>28</u> T <u>29N</u> R <u>8W</u>
County: <u>San Juan</u> Latitude <u>36.69424</u> Longitude <u>107.67485</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"/> PRODUCTION TANK Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled with leak detection? Yes <input 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) 50 feet or more, but less than 100 feet (10 points) <u>0</u> 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) <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) <u>0</u> 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: 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 [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:

Date: MAR 26 2007

Printed Name/Title ENVIRONMENTAL & GAS INSPECTOR, DIST. 3 Signature [Signature]

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81352</u> COCR NO: <u>11676</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: HUGHES A WELL #: 3E TYPE: PROD. TANK
QUAD/UNIT: I SEC: 28 TWP: 29N RNG: 8W PM: NM CNTY: ST ST: NM
QTR/FOOTAGE: 1635'N/540'E NE/SE CONTRACTOR: SIERRA (WIL)

PAGE No: 1 of 1

DATE STARTED: 3/26/04

DATE FINISHED: _____

ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 11 FT. x 12 FT. x 7 FT. DEEP. CUBIC YARDAGE: 25

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM

LAND USE: RANGE - BLM LEASE: SF 078049 FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 117 FT. 554W 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:

OVM CALIB. READ. = 53.4 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 9:40 am DATE: 3/26/04

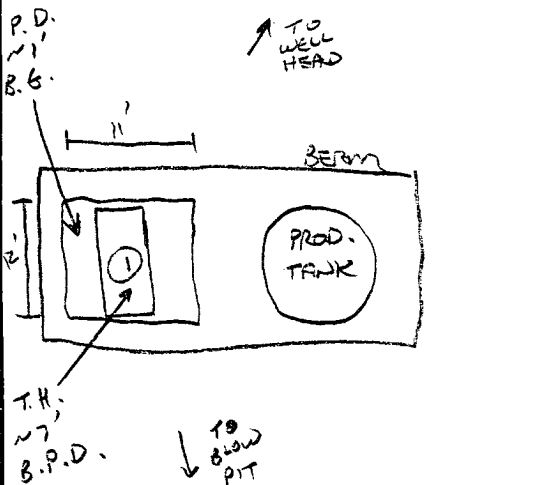
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)
SOIL COLOR: MOD. BROWN TO LT. GRAY BEDROCK - LT. GRAY
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE
PLASTICITY (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. GRAY BET. 4'-8' BELOW GRADE
HC ODOR DETECTED: YES / NO EXPLANATION - DISCOLORED SOIL & OVM SAMPLE.
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. -
ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - HARD, FRIABLE.
BEDROCK
BOTTOM

CLOSED

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER



OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	1348
2 @	
3 @	
4 @	
5 @	

SAMPLE ID	ANALYSIS	TIME
DES	TPH(80158)	09/9
"	BTX(80218)	"
<u>BOTH PASSED</u>		

PIT PROFILE

NOT APPLICABLE

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

TRAVEL NOTES: CALLOUT: 3/25/04 - MORN. ONSITE: 3/26/04 - MORN. SCHEDULED

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

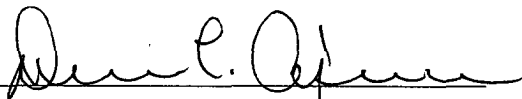
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	03-29-04
Laboratory Number:	28223	Date Sampled:	03-26-04
Chain of Custody No:	11676	Date Received:	03-26-04
Sample Matrix:	Soil	Date Extracted:	03-29-04
Preservative:	Cool	Date Analyzed:	03-29-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

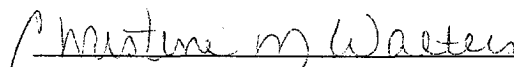
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,170	0.2
Diesel Range (C10 - C28)	65.1	0.1
Total Petroleum Hydrocarbons	1,240	0.2

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: **Hughes A #3E Production Tank 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 @ 8'	Date Reported:	03-29-04
Laboratory Number:	28223	Date Sampled:	03-26-04
Chain of Custody:	11676	Date Received:	03-26-04
Sample Matrix:	Soil	Date Analyzed:	03-29-04
Preservative:	Cool	Date Extracted:	03-29-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	97.0	1.8
Toluene	2,430	1.7
Ethylbenzene	773	1.5
p,m-Xylene	1,760	2.2
o-Xylene	1,430	1.0
Total BTEX	6,490	

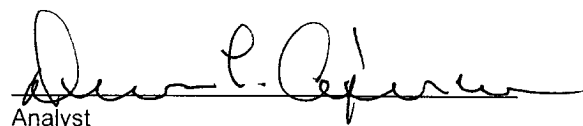
ND - Parameter not detected at the stated detection limit.

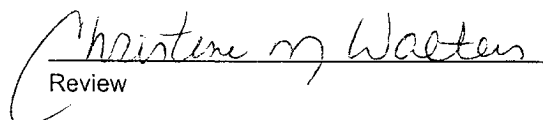
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: Hughes A #3E Production Tank Pit Grab Sample.


Analyst


Review