

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
.0 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 ☒

RCVD MAR26'07
OIL CONS. DIV.
DIST. 3

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 #7E</u>	API #: <u>30-045-25748</u>	U/L or Qtr Qtr <u>H</u> Sec <u>19</u> T <u>29N</u> R <u>8W</u>
County: <u>San Juan</u> Latitude <u>36.71344</u> Longitude <u>107.71105</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 type="checkbox"/> Disposal <input checked="" 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 type="checkbox"/> If not, explain why not: <u> </u>	
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: 05/13/04

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:

Date: MAR 26 2007

Printed Name/Title JEFFERY OIL & GAS INSPECTOR, DIST. 3

Signature Jeffery O. Blagg

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1383</u> COCR NO: <u>12071</u>
-------------------	---	--

FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: HUGHES WELL #: 7E TYPE: DEHY
 QUAD/UNIT: H SEC: 19 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM
 QTR/FOOTAGE: 1490'N/790'E NEISE CONTRACTOR: HDI (OWNER)

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA
 DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS
 LAND USE: RANGE - BLM LEASE: SF 078046 FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 96 FT. N8W 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 BEDROCK (SANDSTONE)
 SOIL COLOR: DR. YEEL. ORANGE (2.5'-4') DR. YEEL. BROWN (4'-5') 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 CLOSED
 MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED
 DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - DR. YEEL. BROWN SET. 4'-6' BELOW GRADE + BEDROCK SURF.
 HC ODOR DETECTED: YES / NO EXPLANATION - TEST HOLE BOTTOM + OVM SAMPLE.
 SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 1
 ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - VERY HARD, SLIGHTLY FRIABLE TO COMPETENT.
BEDROCK BOTTOM

OVM CALIB. READ. = 53.0 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 1:50 am/pm DATE: 5/12/04

SCALE

0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER

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

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6.5'	393
2 @	
3 @	
4 @	
5 @	

PIT PROFILE

NOT APPLICABLE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 6.5'	TPH (80158)	1340
"	STEX (82118)	"
"	CHLORIDE	"

ALL PASSED

TRAVEL NOTES: CALLOUT: 5/12/04 - MORN. ONSITE: 5/12/04 - AFTER.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

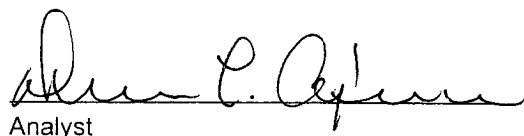
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6.5'	Date Reported:	05-13-04
Laboratory Number:	28631	Date Sampled:	05-12-04
Chain of Custody No:	12071	Date Received:	05-13-04
Sample Matrix:	Soil	Date Extracted:	05-13-04
Preservative:	Cool	Date Analyzed:	05-13-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

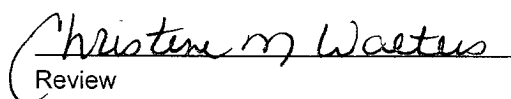
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	134	0.2
Diesel Range (C10 - C28)	80.7	0.1
Total Petroleum Hydrocarbons	215	0.2

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 #7E 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 @ 6.5'	Date Reported:	05-13-04
Laboratory Number:	28631	Date Sampled:	05-12-04
Chain of Custody:	12071	Date Received:	05-13-04
Sample Matrix:	Soil	Date Analyzed:	05-13-04
Preservative:	Cool	Date Extracted:	05-13-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5.6	1.8
Toluene	109	1.7
Ethylbenzene	104	1.5
p,m-Xylene	1,160	2.2
o-Xylene	469	1.0
Total BTEX	1,850	

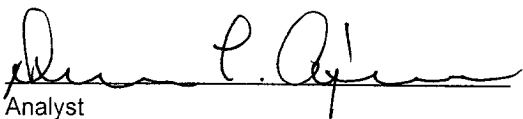
ND - Parameter not detected at the stated detection limit.

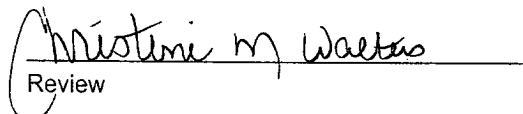
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

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 #7E Dehydrator Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Total Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6.5'	Date Reported:	05-13-04
Lab ID#:	28631	Date Sampled:	05-12-04
Sample Matrix:	Soil	Date Received:	05-13-04
Preservative:	Cool	Date Analyzed:	05-13-04
Condition:	Cool and Intact	Chain of Custody:	12071

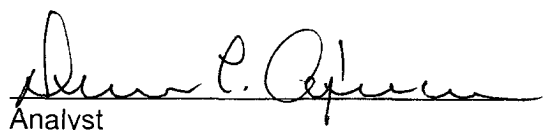
Parameter	Concentration (mg/Kg)
-----------	-----------------------

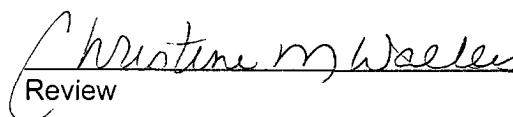
Total Chloride

2.0

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Hughes #7E Dehydrator Pit Grab Sample.


Analyst


Review