

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

RCVD MAR26'07
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 #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"/> SEPARATOR 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: <u> </u>						
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	<table border="1"><tr><td>Less than 50 feet</td><td>(20 points)</td></tr><tr><td>50 feet or more, but less than 100 feet</td><td>(10 points) <u>0</u></td></tr><tr><td>100 feet or more</td><td>(0 points)</td></tr></table>	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)
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50 feet or more, but less than 100 feet	(10 points) <u>0</u>						
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Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	<table border="1"><tr><td>Yes</td><td>(20 points)</td></tr><tr><td>No</td><td>(0 points) <u>0</u></td></tr></table>	Yes	(20 points)	No	(0 points) <u>0</u>		
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.)	<table border="1"><tr><td>Less than 200 feet</td><td>(20 points)</td></tr><tr><td>200 feet or more, but less than 1000 feet</td><td>(10 points) <u>0</u></td></tr><tr><td>1000 feet or more</td><td>(0 points)</td></tr></table>	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)
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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*


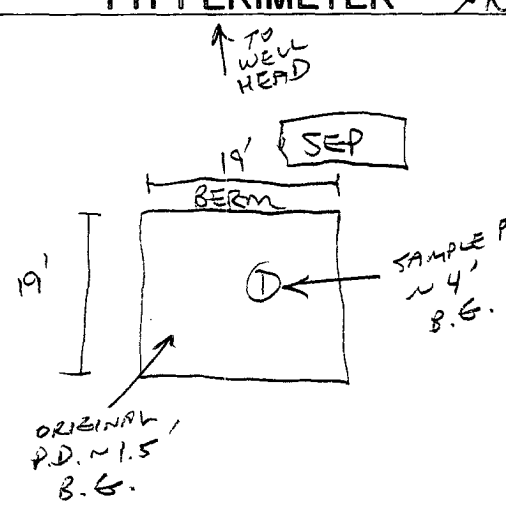
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Date: MAR 26 2007

Printed Name/Title DEPUTY OIL & 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>81383</u> COCR NO: <u>12071</u>																																																
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																																
LOCATION: NAME: <u>HUGHES</u> WELL #: <u>7E</u> TYPE: <u>SEP.</u> QUAD/UNIT: <u>H SEC: 19 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1490N/790E</u> NEISE CONTRACTOR: <u>HOI (ONSITE)</u>		DATE STARTED: <u>5/12/04</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																																
EXCAVATION APPROX. <u>15</u> FT. x <u>15</u> FT. x <u>2.5</u> FT. DEEP. CUBIC YARDAGE: <u>20</u> DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u> LAND USE: <u>RANGE - BLM</u> LEASE: <u>SF078046</u> FORMATION: <u>DK</u>																																																		
FIELD NOTES & REMARKS:																																																		
PIT LOCATED APPROXIMATELY <u>111</u> FT. <u>544E</u> FROM WELLHEAD. 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:																																																		
SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>PALE YELL. ORANGE TO DK. GRAY</u> <u>BEDROCK - LT. TO DK. GRAY</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / 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 / <u>MOIST</u> / <u>WET</u> / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>BOTTOM HALF OF EXCAVATION + BOTTOM.</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>ENTIRE EXCAVATION + OVM SAMPLE</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. _____ ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM BEDROCK - BEDROCK RET. 2'-4' BELOW GRADE, SOFT TO VERY HARD, FRIABLE TO COMPETENT.</u> <div style="border: 1px solid black; padding: 2px; display: inline-block;">BEDROCK BOTTOM</div>																																																		
<div style="float: right; border: 1px solid black; padding: 2px;"> OVM CALIB. READ. = <u>53.0</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>1:50</u> am/pm DATE: <u>5/12/04</u> </div>																																																		
<div style="text-align: right; border: 1px solid black; border-radius: 50%; padding: 5px; width: fit-content; margin: 0 auto;">CLOSED</div>																																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> SCALE  0 FT </div> <div style="width: 65%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="8">FIELD 418.1 CALCULATIONS</th> </tr> <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> </tbody> </table> </div> </div>			FIELD 418.1 CALCULATIONS								SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																
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TRAVEL NOTES: CALLOUT: <u>5/12/04 - MORN.</u> ONSITE: <u>5/12/04 - AFTER.</u>																																																		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

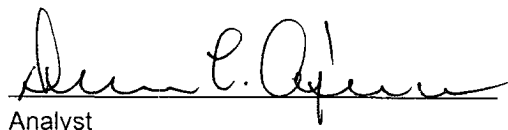
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	05-13-04
Laboratory Number:	28628	Date Sampled:	05-12-04
Chain of Custody No:	12071	Date Received:	05-13-04
Sample Matrix:	Soil	Date Extracted:	05-13-04
Preservative:	Cool	Date Analyzed:	05-13-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

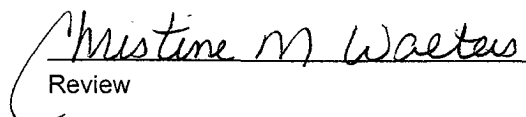
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Hughes #7E Separator Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

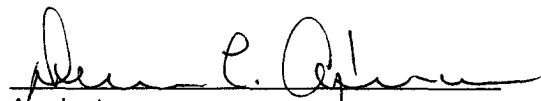
Total Chloride

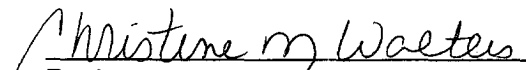
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Sample Matrix:	Soil	Date Received:	05-13-04
Preservative:	Cool	Date Analyzed:	05-13-04
Condition:	Cool and Intact	Chain of Custody:	12071

Parameter	Concentration (mg/Kg)
Total Chloride	18.5

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

Comments: Hughes #7E Separator Pit Grab Sample.


Analyst


Review

CLIENT: BP**BLAGG ENGINEERING, INC.**
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: 81383C.O.C. NO: 14631**FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION**LOCATION: NAME: HUGHES WELL#: 7E PITS: DEHY, PROD.
QUAD/UNIT: H SEC: 19 TWP: 29N RNG: 8W PM: PM CNTY: ST ST: NM
QTR/FOOTAGE: _____ SE/NE CONTRACTOR: _____DATE STARTED: 5/18/06

DATE FINISHED: _____

ENVIRONMENTAL
SPECIALIST: NV**SOIL REMEDIATION:**REMEDICATION SYSTEM: LANDFARM

APPROX. CUBIC YARDAGE: _____

LAND USE: RANGE - BLM

LIFT DEPTH (ft): _____

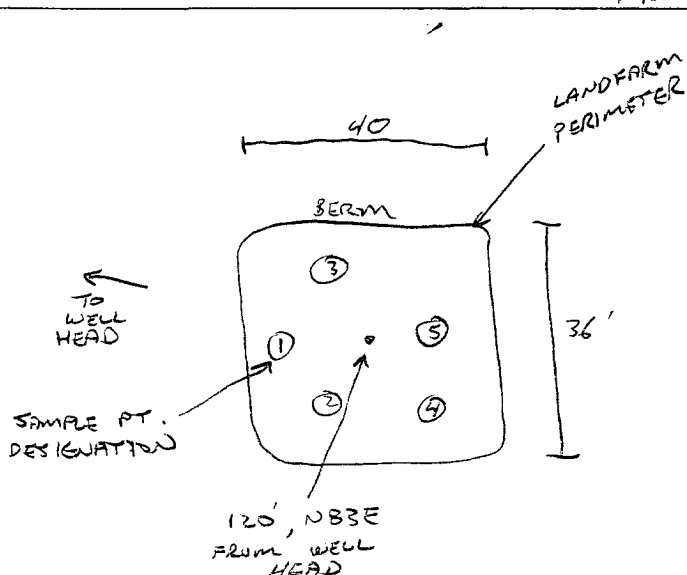
0.5-1.5**FIELD NOTES & REMARKS:**DEPTH TO GROUNDWATER: >100' NEAREST SURFACE WATER: >1,000'NEAREST WATER SOURCE: >1,000' NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPMSOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____SOIL COLOR: PALE YELL. BROWN TO DK. YELL. ORANGECOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (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 SATURATEDCLOSEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - _____HC ODOR DETECTED: YES / NO EXPLANATION - _____SAMPLING DEPTHS (LANDFARMS): 6-15 (INCHES)SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

ADDITIONAL COMMENTS: _____

SKETCH/SAMPLE LOCATIONSOVM CALIB. READ. = 53.1 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 10:25 am/pm DATE: 5/18/06**OVM RESULTS****LAB SAMPLES**

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80158)	1345	4.6

P.C. - 5/12/04

SCALE

0 FT

TRAVEL NOTES: CALLOUT: N/AONSITE: 5/18/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

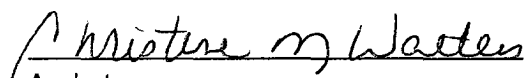
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Hughes #7E	Date Reported:	05-19-06
Laboratory Number:	37165	Date Sampled:	05-18-06
Chain of Custody No:	14631	Date Received:	05-18-06
Sample Matrix:	Soil	Date Extracted:	05-19-06
Preservative:	Cool	Date Analyzed:	05-19-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH


Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.5	0.2
Diesel Range (C10 - C28)	4.1	0.1
Total Petroleum Hydrocarbons	4.6	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 Lease Landfarm 5 Pt. Composite Sample.**


Analyst


Review