

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: <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505)-326-9200</u> e-mail address: _____		
Address: <u>200 ENERGY COURT, FARMINGTON, NM 87410</u>		
Facility or well name: <u>PARSONS COM LS #1A</u> API #: <u>30-045- 23183</u> U/L or Qtr/Qtr <u>J</u> Sec <u>2</u> T <u>31N</u> R <u>11W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.92471</u> Longitude <u>107.95633</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input checked="" 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"/> <u>DEHY/SEP</u> 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"/> Pit 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) 0 (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 No	(20 points) (0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) 0 (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: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility BP CROUCH MESA LF. (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: <u>PIT LOCATED APPROXIMATELY 66 FT. N35E FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH 18 ft., LENGTH 18 ft., DEPTH 10 ft.</u>
<u>PIT REMEDIATION: CLOSE AS IS: <input type="checkbox"/>, LANDFARM: <input checked="" type="checkbox"/>, COMPOST: <input type="checkbox"/>, STOCKPILE: <input type="checkbox"/>, OTHER <input type="checkbox"/> (explain)</u>
Cubic yards: <u>120</u>


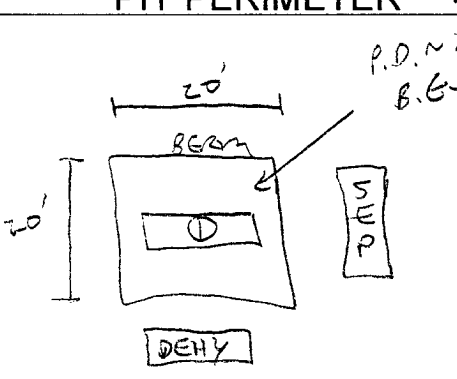
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 06/08/05

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: DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Jerry Faint Date: FEB 21 2006

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1540</u> COCR NO: <u>13878</u>																																								
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>PARSONS COM LS</u> WELL #: <u>HA</u> TYPE: <u>DEHY/SEP.</u> QUAD/UNIT: <u>J</u> SEC: <u>7</u> TWP: <u>31N</u> RNG: <u>11W</u> PM: <u>NM</u> CNTY: <u>RT</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1610'S/1830'E</u> NW/SE CONTRACTOR: <u>P&S (ALLEN)</u>		DATE STARTED: <u>6/6/05</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
EXCAVATION APPROX. <u>18</u> FT. x <u>18</u> FT. x <u>10</u> FT. DEEP. CUBIC YARDAGE: <u>120</u>																																										
DISPOSAL FACILITY: <u>BP CROUCH MESA FACILITY</u> REMEDIATION METHOD: <u>LANDFARM</u>																																										
LAND USE: <u>RANGE</u> LEASE: <u>STATE</u> FORMATION: <u>MV</u>																																										
FIELD NOTES & REMARKS:																																										
PIT LOCATED APPROXIMATELY <u>66</u> FT. <u>N35E</u> FROM WELLHEAD.																																										
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1,000'</u> NEAREST SURFACE WATER: <u>>1,000'</u>																																										
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5,000</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION:		OVM CALIB. READ. = <u>53.6</u> ppm OVM CALIB. GAS = <u>100</u> ppm RE = 0.52 TIME: <u>12:25</u> am/pm DATE: <u>6/6/05</u>																																								
SOIL TYPE: <u>(SAND)</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>VARING GRAYS TO BLACK</u> COHESION (ALL OTHERS): <u>(NON COHESIVE)</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>(LOOSE/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 / <u>(SLIGHTLY MOIST/MOIST)</u> / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>(YES)</u> / NO EXPLANATION - <u>ENTIRE TEST HOLE</u> HC ODOR DETECTED: <u>(YES)</u> / NO EXPLANATION - <u>TEST HOLE + OVM SAMPLE</u> SAMPLE TYPE: <u>(GRAB)</u> / COMPOSITE - # OF PTS. <u>—</u> ADDITIONAL COMMENTS: _____																																										
FIELD 418.1 CALCULATIONS																																										
SCALE  0 FT	<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> </tbody> </table>		SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																
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PIT PERIMETER 	OVM READING <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 @ 12'</td><td>622</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> </tbody> </table> LAB SAMPLES <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 @ 12'</td><td>TPH (80158)</td><td>1255</td></tr> <tr><td>"</td><td>BTEX (80218)</td><td>"</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 12'	622	2 @		3 @		4 @		5 @												SAMPLE ID	ANALYSIS	TIME	1 @ 12'	TPH (80158)	1255	"	BTEX (80218)	"										PIT PROFILE <div style="text-align: center; font-size: 2em; margin-top: 50px;"> NOT APPLICABLE </div>
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SAMPLE ID	ANALYSIS	TIME																																								
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"	BTEX (80218)	"																																								
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM																																										
TRAVEL NOTES: CALLOUT: <u>6/6/05 - MORN.</u> ONSITE: <u>6/6/05 - AFTER.</u>																																										

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

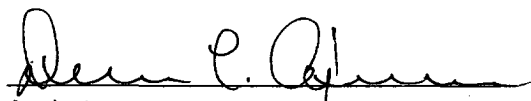
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 12'	Date Reported:	06-08-05
Laboratory Number:	33210	Date Sampled:	06-06-05
Chain of Custody No:	13878	Date Received:	06-07-05
Sample Matrix:	Soil	Date Extracted:	06-07-05
Preservative:	Cool	Date Analyzed:	06-08-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

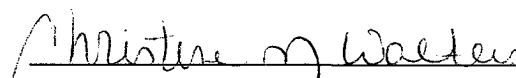
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	338	0.2
Diesel Range (C10 - C28)	400	0.1
Total Petroleum Hydrocarbons	738	0.2

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: **Parsons Com LS #1A Dehydrator/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 @ 12'	Date Reported:	06-08-05
Laboratory Number:	33210	Date Sampled:	06-06-05
Chain of Custody:	13878	Date Received:	06-07-05
Sample Matrix:	Soil	Date Analyzed:	06-08-05
Preservative:	Cool	Date Extracted:	06-07-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	36.2	2.1
Toluene	679	1.8
Ethylbenzene	806	1.7
p,m-Xylene	5,200	1.5
o-Xylene	1,720	2.2
Total BTEX	8,440	

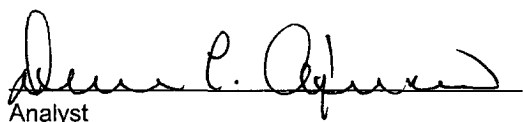
ND - Parameter not detected at the stated detection limit.

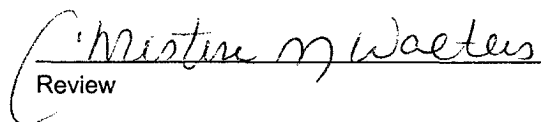
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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: Parsons Com LS #1A Dehydrator/Separator Pit Grab Sample.


Analyst


Review

CLIENT:

BP

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO:

81540

C.O.C. NO:

13878

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: PARSONS COM LS WELL #: 1A ^{SOURCE}PTS: UNKNOWN
QUAD/UNIT: J SEC: 2 TWP: 31N RNG: 11W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: NW/SE CONTRACTOR: UNKNOWN

DATE STARTED: 6/6/05

DATE FINISHED: _____

ENVIRONMENTAL
SPECIALIST: NV

SOIL REMEDIATION:

REMEDATION SYSTEM: STOCKPILEAPPROX. CUBIC YARDAGE: 12LAND USE: RANGELIFT DEPTH (ft): N/A

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100'NEAREST SURFACE WATER: >1,000'NEAREST WATER SOURCE: >1,000'NMOC D RANKING SCORE: 0NMOC D TPH CLOSURE STD: 5,000 PPM

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

SOIL COLOR: VERY PALE TO OK. YEL. 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

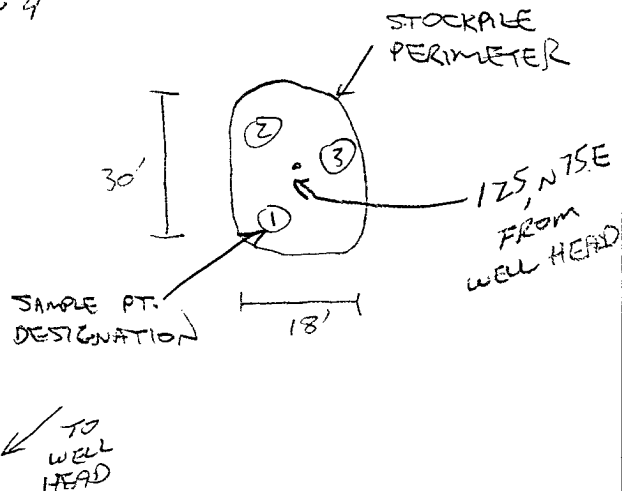
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - _____HC ODOR DETECTED: YES / NO EXPLANATION - _____SAMPLING DEPTHS (LANDFARMS): N/A (INCHES)SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 3CLOSED

ADDITIONAL COMMENTS: _____

SKETCH/SAMPLE LOCATIONS

HT. ~ 4'



OVM CALIB. READ. = 53. ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 12:25 am/pm DATE: 6/6/05

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE (ppm)
SP-1	4.7

SAMPLE ID	ANALYSIS	TIME	RESULTS
SP-1	TPH (80158)	1347	75.4

SCALE

0 FT

TRAVEL NOTES: CALLOUT: N/AONSITE: 6/6/05

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:	06-08-05
Laboratory Number:	33212	Date Sampled:	06-06-05
Chain of Custody No:	13878	Date Received:	06-07-05
Sample Matrix:	Soil	Date Extracted:	06-07-05
Preservative:	Cool	Date Analyzed:	06-08-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

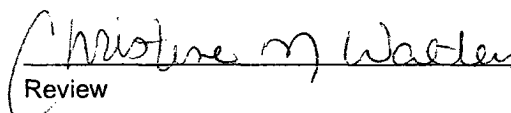
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	75.4	0.1
Total Petroleum Hydrocarbons	75.4	0.2

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: **Parsons Com LS #1A Stockpile 3 Pt. Composite Sample.**


Analyst


Review