

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: BP America Production Company Telephone: (505)326-9200 e-mail address: _____
Address: 200 Energy Ct. Farmington, NM 87401
Facility or well name: DEIL A #7A API #: 3004522463 U/L or Qtr/Qtr D Sec 33 T 32N R 11W
County: San Juan Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☐ Unlined ☐

Liner type: Synthetic ☐ Thickness _____ mil Clay ☐

Pit Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction material: _____

Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

RCVD NOV30'06

OIL CONS. DIV.

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)

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)

Distance to surface water: (horizontal distance to all wetlands, playas,
ation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

(20 points)

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: (check the onsite box if
you are burying in place) 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.

Additional Comments:

See Attached Documentation

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: 11/01/2005

Printed Name/Title Jeffrey C. Blagg, Agent

Signature Jeffrey C. 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.

roval:

DEPUTY OIL & GAS INSPECTOR, DIST. #

Printed Name/Title

Signature Brandon Penell

Date:

NOV 30 2006

2 OF 2

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80225</u> C.O.C. NO: <u>9903</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>NEIL A</u> WELL #: <u>7A</u> TYPE: <u>OEHY.(I)</u> QUAD/UNIT: <u>D SEC: 33 TWP: 32N RNG: 11W PM: NM CNTY: JJ ST: NM</u> QTR/FOOTAGE: <u>800'N/1180'W NW/4W</u> CONTRACTOR: <u>HIGH DESERT - HEBER</u>	DATE STARTED: <u>5/20/02</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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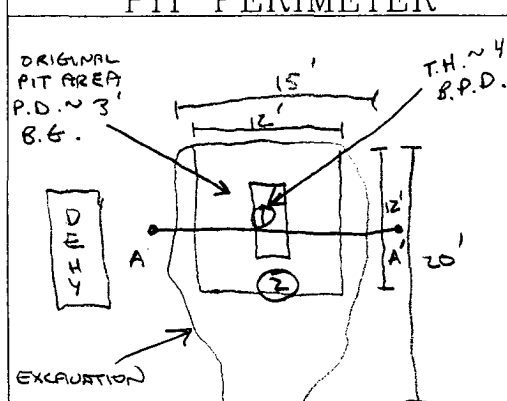
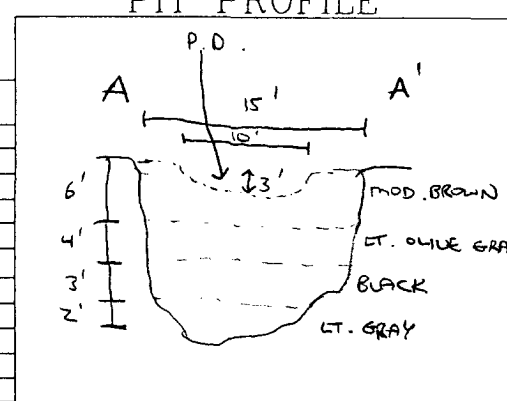
EXCAVATION APPROX. <u>15'</u> FT. x <u>20'</u> FT. x <u>15'</u> FT. DEEP. CUBIC YARDAGE: <u>175</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>STOCKPILED</u>
LAND USE: <u>RANGE - BLM</u> LEASE: <u>SF 078051</u> FORMATION: <u>MU/PC</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>92</u> FT. <u>N48E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>2100'</u> NEAREST WATER SOURCE: <u>21000'</u> NEAREST SURFACE WATER: <u>21000'</u> NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM
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SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: <u>(SAND)</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SOIL COLOR: <u>MOD. BROWN (3'-6'), OLIVE GRAY (6'-10'), BLACK (10'-13'), LT. GRAY (13'-15')</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 / <u>(SLIGHTLY MOIST)</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>(YES)</u> / NO EXPLANATION - <u>EXCAVATED SOIL</u> HC ODOR DETECTED: <u>(YES)</u> / NO EXPLANATION - <u>EXCAVATED SOIL</u>	OVM CALIB. READ: <u>51.8</u> ppm OVM CALIB. GAS = <u>100</u> ppm RE = <u>0.52</u> TIME: <u>10:15</u> am/pm DATE: <u>5/20/02</u>
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ADDITIONAL COMMENTS: STAINING & BOTTOM HALF OF EXCAVATION PERIMETER EVIDENT. STOCKPILED
SOIL ON-SITE. USED STOCKPILE ON-SITE FROM OEHY. PIT EXCAVATED & SAMPLED ON 2/21/95. STOCKPILE SAMPLED 5/3/96. BOTH PERMANENTLY CLOSED.

SCALE  0 FT	FIELD 418.1 CALCULATIONS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMPLE I.D.</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	SAMPLE I.D.	LAB No:	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC. ppm																																
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PIT PERIMETER 	OVM RESULTS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @ 7'</td><td>564</td></tr> <tr><td>2 @ 15'</td><td>673</td></tr> <tr><td>3 @</td><td> </td></tr> <tr><td>4 @</td><td> </td></tr> <tr><td>5 @</td><td> </td></tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1 @ 7'	564	2 @ 15'	673	3 @		4 @		5 @		PIT PROFILE 
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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>② @ 15'</td> <td>TPH (80158)</td> <td>1105</td> </tr> <tr> <td>"</td> <td>BTEX (80218)</td> <td>"</td> </tr> </tbody> </table>	SAMPLE ID	ANALYSIS	TIME	② @ 15'	TPH (80158)	1105	"	BTEX (80218)	"	(BOTH PASSED)
SAMPLE ID	ANALYSIS	TIME								
② @ 15'	TPH (80158)	1105								
"	BTEX (80218)	"								

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

TRAVEL NOTES: CALLOUT: 5/20/02 - MORN. ONSITE: 5/20/02 - MORN.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

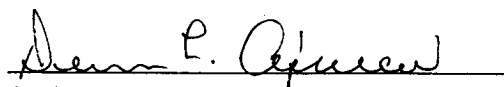
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	2 @ 15'	Date Reported:	05-21-02
Laboratory Number:	22763	Date Sampled:	05-20-02
Chain of Custody No:	9903	Date Received:	05-20-02
Sample Matrix:	Soil	Date Extracted:	05-21-02
Preservative:	Cool	Date Analyzed:	05-21-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

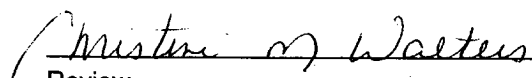
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,880	0.2
Diesel Range (C10 - C28)	115	0.1
Total Petroleum Hydrocarbons	3,000	0.2

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: **Neil A #7A 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:	2 @ 15'	Date Reported:	05-21-02
Laboratory Number:	22763	Date Sampled:	05-20-02
Chain of Custody:	9903	Date Received:	05-20-02
Sample Matrix:	Soil	Date Analyzed:	05-21-02
Preservative:	Cool	Date Extracted:	05-21-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	467	1.8
Toluene	793	1.7
Ethylbenzene	577	1.5
p,m-Xylene	1,230	2.2
o-Xylene	1,100	1.0
Total BTEX	4,170	


ND - Parameter not detected at the stated detection limit.

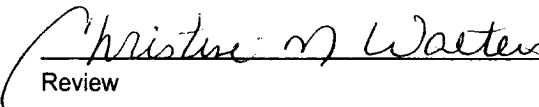
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: Neil A #7A Dehydrator Pit Grab Sample.


Analyst


Review

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80225</u> C.O.C. NO: <u>12086</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>NEIL A</u> WELL #: <u>7A</u> PITS: _____ QUAD/UNIT: <u>D</u> SEC: <u>33</u> TWP: <u>32N</u> RNG: <u>11W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>nwnw</u> CONTRACTOR: _____	DATE STARTED: <u>6/30/04</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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SOIL REMEDIATION: REMEDIATION SYSTEM: <u>LANDFARM</u> LAND USE: <u>RANGE - BLM</u>	APPROX. CUBIC YARDAGE: <u>85</u> LIFT DEPTH (ft): <u>0.5-1</u>
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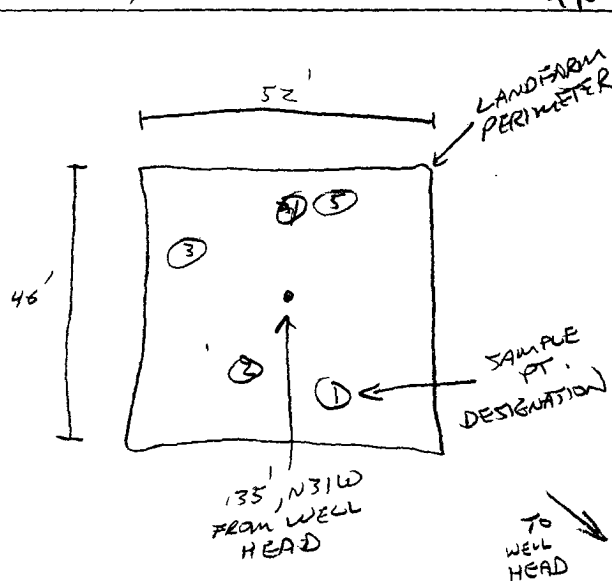
FIELD NOTES & REMARKS:	NMOC Ranking Score: <u>0</u>	NMOC TPH Closure STD: <u>5000</u> ppm
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>		

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____
 SOIL COLOR: med. brown to dusky red + med. 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 - dusky red to med. gray
 HC ODOR DETECTED: (YES) / NO EXPLANATION - slightly detected physically
 SAMPLING DEPTHS (LANDFARMS): _____ (INCHES)
 SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5
 ADDITIONAL COMMENTS: _____

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. 51.3 ppm CHECK
 OVM CALIB. GAS = 100 ppm; RF = 0.52
 TIME: 11:20 am DATE: 6/30/04

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (8015g)	1155	11.2

SCALE



TRAVEL NOTES: CALLOUT: <u>N/A</u>	ONSITE: <u>6/30/04</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

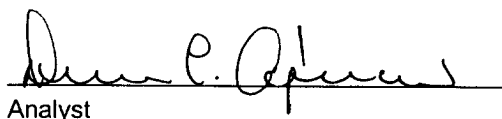
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	07-02-04
Laboratory Number:	29398	Date Sampled:	06-30-04
Chain of Custody No:	12086	Date Received:	06-30-04
Sample Matrix:	Soil	Date Extracted:	06-30-04
Preservative:	Cool	Date Analyzed:	07-02-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

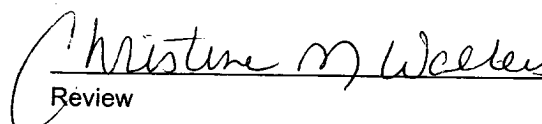
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	11.2	0.1
Total Petroleum Hydrocarbons	11.2	0.2

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: **Neil A #7A Landfarm 5 Pt. Composite Sample.**


Analyst


Review