

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

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>ELLIOTT GC B #1</u>	API #: <u>30-045-08247</u> U/L or Qtr/Qtr <u>K</u> Sec <u>13</u> T <u>29N</u> R <u>9W</u>						
County: <u>San Juan</u> Latitude <u>36.72256</u> Longitude <u>107.73456</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 <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? <u>Yes</u> 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)
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.)	<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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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 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:

MAR 14 2007

Date:

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

Signature Brandon D. L...

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81324</u> COCR NO: <u>11651</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

 PAGE No: 1 of 1

LOCATION: NAME: <u>ELIOT GC B</u> WELL #: <u>1</u> TYPE: <u>PROD. TANK</u> QUAD/UNIT: <u>K SEC: 13 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1650'S / 1350'S</u> NE/SW CONTRACTOR: <u>L+L (BRIAN)</u>	DATE STARTED: <u>1/22/04</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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EXCAVATION APPROX. <u>12</u> FT. x <u>14</u> FT. x <u>4</u> FT. DEEP. CUBIC YARDAGE: <u>15</u>	DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE -</u> LEASE: <u>NM073159</u> FORMATION: <u>MV</u>	

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>195</u> FT. <u>N68W</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>100'</u>	NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>
NMOC D RANKING SCORE: <u>0</u>	NMOC D TPH CLOSURE STD: <u>5000</u> PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = <u>54.2</u> ppm	
OVM CALIB. GAS = <u>130</u> ppm	RF = <u>0.52</u>
TIME: <u>12:30</u> am/pm	DATE: <u>1/14/04</u>

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)

SOIL COLOR: MOD. BROWN TO GREY 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 - ENTIRE PIT AREA

HC ODOR DETECTED: YES / NO EXPLANATION - EXCAVATED SOIL & OVM SAMPLE

SAMPLE TYPE: GRAB COMPOSITE - # OF PTS. 1

ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - VERY HARD, SUGARLY
BEADROCK BOTTOM FRIABLE. COLLECTED DUPLICATE SAMPLE.

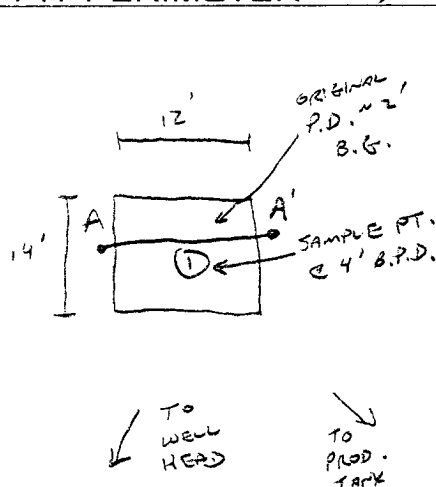
Risk Assessed

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER

PIT PROFILE

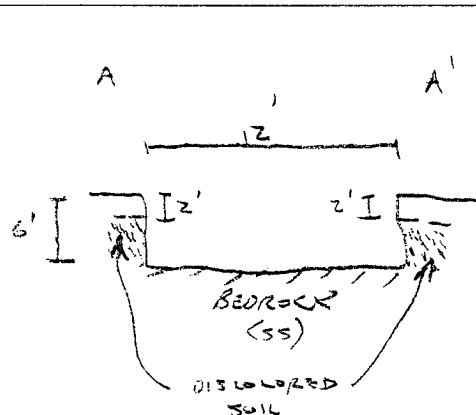


OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6'	1,365
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
① @ 6'	TPH (30158)	1017
"	BTEX (90218)	"
	TPH - FAILED	
	BTEX - PASSED	



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

TRAVEL NOTES:	CALLOUT: <u>1/21/04 - MORN.</u>	ONSITE: <u>1/22/04 - MORN. (SCHEDULED)</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:	1 @ 6'	Date Reported:	01-26-04
Laboratory Number:	27609	Date Sampled:	01-22-04
Chain of Custody No:	11651	Date Received:	01-23-04
Sample Matrix:	Soil	Date Extracted:	01-23-04
Preservative:	Cool	Date Analyzed:	01-26-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

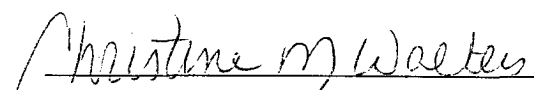
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,730	0.2
Diesel Range (C10 - C28)	3,620	0.1
Total Petroleum Hydrocarbons	5,350	0.2

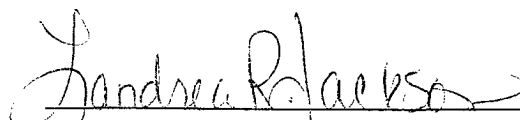
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Elliott GC #1 Production Tank Pit Grab Sample.

B #1
ms
2/9/04


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'	Date Reported:	01-26-04
Laboratory Number:	27609	Date Sampled:	01-22-04
Chain of Custody:	11651	Date Received:	01-23-04
Sample Matrix:	Soil	Date Analyzed:	01-26-04
Preservative:	Cool	Date Extracted:	01-23-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	124	1.8
Toluene	1,890	1.7
Ethylbenzene	858	1.5
p,m-Xylene	3,200	2.2
o-Xylene	1,650	1.0
Total BTEX	7,720	

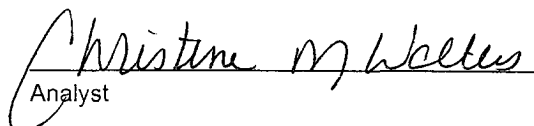
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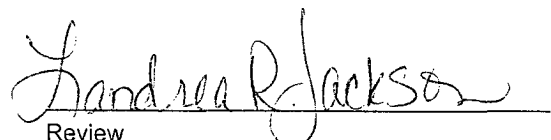
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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: Elliott GC B #1 Production Tank Pit Grab Sample.


Analyst


Review

Hall Environmental Analysis Laboratory

Date: 06-Feb-04

CLIENT: Blagg Engineering

Client Sample ID: 1 @ 6'

Lab Order: 0401165

Collection Date: 1/22/2004 10:17:00 AM

Project: Elliott, GC B#1

Lab ID: 0401165-01

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: JMP
Diesel Range Organics (DRO)	8200	100		mg/Kg	20	2/4/2004 5:58:41 PM
Motor Oil Range Organics (MRO)	2900	1000		mg/Kg	20	2/4/2004 5:58:41 PM
Surr: DNOP	0	60-124	S	%REC	20	2/4/2004 5:58:41 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	2900	100		mg/Kg	20	1/28/2004 1:17:48 AM
Surr: BFB	131	74-118	S	%REC	20	1/28/2004 1:17:48 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	2.3	0.50		mg/Kg	20	1/28/2004 1:17:48 AM
Toluene	20	0.50		mg/Kg	20	1/28/2004 1:17:48 AM
Ethylbenzene	21	0.50		mg/Kg	20	1/28/2004 1:17:48 AM
Xylenes, Total	160	0.50		mg/Kg	20	1/28/2004 1:17:48 AM
Surr: 4-Bromofluorobenzene	130	74-118	S	%REC	20	1/28/2004 1:17:48 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level