

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

For drilling and production facilities, submit to appropriate NMOC District Office.
For downstream facilities, submit to Santa Fe office

Form C-144
June 1, 2004

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 Production Company</u> Telephone: <u>(505)326-9200</u> e-mail address: _____		
Address: <u>200 Energy Ct. Farmington, NM 87401</u>		
Facility or well name: <u>FLORANCE # 28</u> API #: <u>3004508634</u> U/L or Qtr/Qtr <u>M</u> Sec <u>3</u> T <u>29N</u> R <u>8W</u>		
County: <u>San Juan</u> 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. _____	
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, 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)
	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.

Approval:

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

Signature Brandon Powell

Date: OCT 25 2006

BP

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80829</u> C.D.C. NO: <u>8465</u>																																																																			
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																																																			
LOCATION: NAME: <u>FLORANCE</u> WELL #: <u>28</u> PIT: <u>DEHV</u>		DATE STARTED: <u>1/11/01</u>																																																																			
QUAD/UNIT: <u>M</u> SEC: <u>3</u> TWP: <u>29N</u> RNG: <u>BW</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>		DATE FINISHED: <u>1/15/01</u>																																																																			
QTR/FDOTAGE: <u>790FSL x 1190 FWL</u> CONTRACTOR: <u>PAUL x SON</u>		ENVIRONMENTAL SPECIALIST: <u>JCB</u>																																																																			
EXCAVATION APPROX. <u>20</u> FT. x <u>18</u> FT. x <u>21</u> FT. DEEP. CUBIC YARDAGE: <u>280</u>																																																																					
DISPOSAL FACILITY: <u>ONSITE</u> REMEDIATION METHOD: <u>LF</u>																																																																					
LAND USE: <u>RANGE</u> LEASE: <u>SF-078596-A</u> FORMATION: <u>mv</u>																																																																					
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>100</u> FT. <u>N44E</u> FROM WELL HEAD.																																																																					
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		CHECK ONE:																																																																			
SOIL AND EXCAVATION DESCRIPTION:		☒ PIT ABANDONED																																																																			
OVM CALIB. READ. <u>130.5</u> ppm		☐ STEEL TANK INSTALLED																																																																			
TIME: <u>1455</u> am/pm		☐ FIBERGLASS TANK INSTALLED																																																																			
P x A LOCATION. SURFACE TO 17' ORANGE YELLOW clayey sand, dry to moist, cohesive. HIT BEDROCK SANDSTONE @ 17'. MINOR HC ODOOR x STAIN ON BEDROCK.																																																																					
BEDROCK BOTTOM																																																																					
FIELD 418.1 CALCULATIONS																																																																					
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PIT PERIMETER				PIT PROFILE																																																																	
				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>1W@ 20'</td><td>294</td></tr> <tr><td>2E@ 20'</td><td>205</td></tr> <tr><td>3SE 20'</td><td>317</td></tr> <tr><td>4WE 20'</td><td>266</td></tr> <tr><td>5CE 21'</td><td>220</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> <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>5@ 20'</td><td>8015</td><td>1450</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> <tr><td> </td><td> </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> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>				SAMPLE ID	FIELD HEADSPACE PID (ppm)	1W@ 20'	294	2E@ 20'	205	3SE 20'	317	4WE 20'	266	5CE 21'	220																					SAMPLE ID	ANALYSIS	TIME	5@ 20'	8015	1450																								
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

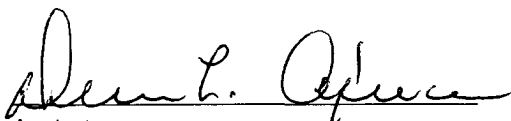
Client:	Blagg / BP Amoco	Project #:	04034-010
Sample ID:	Dehy S @ 20'	Date Reported:	01-18-01
Laboratory Number:	19096	Date Sampled:	01-15-01
Chain of Custody No:	8465	Date Received:	01-16-01
Sample Matrix:	Soil	Date Extracted:	01-17-01
Preservative:	Cool	Date Analyzed:	01-18-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

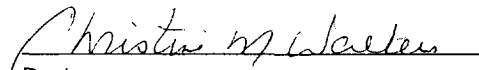
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	157	0.2
Diesel Range (C10 - C28)	64.9	0.1
Total Petroleum Hydrocarbons	222	0.1

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: **Florance #28.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP Amoco	Project #:	04034-010
Sample ID:	Dehy S @ 20'	Date Reported:	01-18-01
Laboratory Number:	19096	Date Sampled:	01-15-01
Chain of Custody:	8465	Date Received:	01-16-01
Sample Matrix:	Soil	Date Analyzed:	01-18-01
Preservative:	Cool	Date Extracted:	01-17-01
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1,050	1.8
Toluene	829	1.7
Ethylbenzene	209	1.5
p,m-Xylene	1,200	2.2
o-Xylene	635	1.0
Total BTEX	3,920	

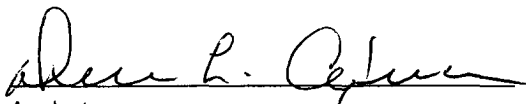
ND - Parameter not detected at the stated detection limit.

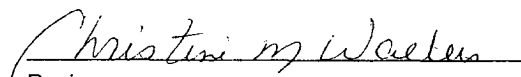
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Florance #28.


Analyst


Review

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80829</u> C.D.C. NO: <u>9890</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>FLORANCE</u>	WELL #: <u>28</u>	PITS: <u>DEHY</u>	DATE STARTED: <u>4/30/02</u>
QUAD/UNIT: <u>M</u> SEC: <u>3</u> TWP: <u>29N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>	DATE FINISHED: _____		
QTR/FOOTAGE: _____	SWSW CONTRACTOR: <u>FLINT</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>

SOIL REMEDIATION:	280
REMEDATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>280</u>
LAND USE: <u>RANGE - BLM</u>	LIFT DEPTH (ft): <u>0.5</u>

FIELD NOTES & REMARKS:	NMCD RANKING SCORE: <u>0</u>	NMCD 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: MOD. TO DK. YEL. BROWN

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 - _____

HC ODOR DETECTED: YES / (NO) EXPLANATION - _____

SAMPLING DEPTHS (LANDFARMS): 4-6 (INCHES)

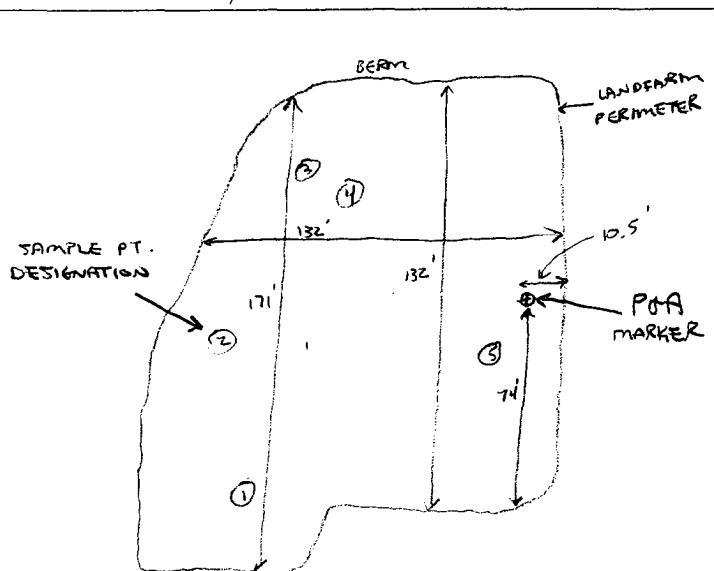
SAMPLE TYPE: GRAB / (COMPOSITE) - # OF PTS. 5

ADDITIONAL COMMENTS: WELL PTA'd

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: <u>52.6</u> ppm
OVM CALIB. GAS = 100 ppm; RF = 0.52
TIME: <u>8:30</u> <u>AM</u> pm DATE: <u>4/29/02</u>

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (8015B)	1025	ND

P.C. 1-15-01

SCALE

0

FT

TRAVEL NOTES: CALLOUT: <u>N/A</u>	ONSITE: <u>4/30/02</u>
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revised: 07/16/01 bei1006A.skd

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

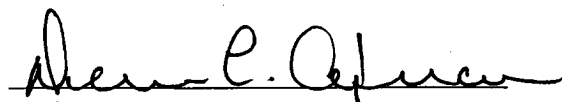
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	05-01-02
Laboratory Number:	22636	Date Sampled:	04-30-02
Chain of Custody No:	9890	Date Received:	04-30-02
Sample Matrix:	Soil	Date Extracted:	04-30-02
Preservative:	Cool	Date Analyzed:	05-01-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

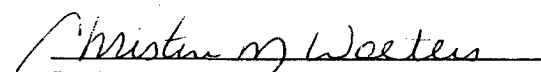
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Florance #28 Landfarm 5 Pt. Composite.


Analyst


Review