

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 PROD. CO. Telephone: (505)-326-9200 e-mail address: _____
Address: 200 ENERGY COURT, FARMINGTON, NM 87410
Facility or well name: FLORANCE AC #3B API #: 30-045- 22892 U/L or Qtr/Qtr I Sec 22 T 30N R 9W
County: SAN JUAN Latitude 36.79322 Longitude 107.76181 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☐ Disposal ☒ SEPARATOR
Workover ☐ Emergency ☐
Lined ☐ Unlined ☒
Liner type: Synthetic ☐ Thickness _____ mil Clay ☐
Pit Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: N/A
Construction material: N/A
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)	0
	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)	0
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)	0
	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 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: PIT LOCATED APPROXIMATELY 51 FT. N49E FROM WELL HEAD.
PIT EXCAVATION: WIDTH 20 ft., LENGTH 20 ft., DEPTH 5 ft.
PIT REMEDIATION: CLOSE AS IS: ☐, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☒ EXCAVATE
Cubic yards: 25
BEDROCK BOTTOM

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: 11/18/05

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:

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

Signature [Signature]

Date: FEB 28 2006

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81700</u> COCR NO: <u>15105</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>FLORANCE AC</u> WELL#: <u>3B</u> TYPE: <u>SEPARATOR</u> QUAD/UNIT: <u>I</u> SEC: <u>22</u> TWP: <u>30N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1460'S/840'E</u> NE/SE CONTRACTOR: <u>HDI (Lynell)</u>	DATE STARTED: <u>11-15-05</u> DATE FINISHED: <u>11-15-05</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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EXCAVATION APPROX. <u>20</u> FT. x <u>20</u> FT. x <u>5</u> FT. DEEP. CUBIC YARDAGE: <u>25±</u>	DISPOSAL FACILITY: <u>BP CROUCH MESA L.F.</u> REMEDIATION METHOD: <u>EXCAVATE</u>
LAND USE: <u>BLM-RANGE</u> LEASE: <u>SF-080003</u> FORMATION: _____	

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>51</u> FT. <u>N49E</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: SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK SANDSTONE @ 5'</u> SOIL COLOR: <u>ORANGE TAN</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / 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 / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> NO EXPLANATION - <u>Moderate</u> HC ODOR DETECTED: <u>YES</u> NO EXPLANATION - <u>Moderate</u> SAMPLE TYPE: GRAB <u>COMPOSITE</u> OF PTS. <u>5</u> ADDITIONAL COMMENTS: <u>REDROCK BOTTOM</u>	OVM CALIB. READ. = <u>53.6</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>0925</u> am/pm DATE: <u>11/15</u> <div style="border: 1px solid black; border-radius: 50%; width: 50px; height: 50px; text-align: center; line-height: 50px; margin: 10px auto;">CLOSED</div>
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SCALE 0 FT	FIELD 418.1 CALCULATIONS
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SAMP. TIME	SAMP. ID	LAB-NO.	WEIGHT (g)	mL-FREON	DILUTION	READING	CALC. (ppm)

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 @</td><td> </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>5-Point Composite @ 5'</td><td>109</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>	SAMPLE ID	FIELD HEADSPACE (ppm)	1 @		2 @		3 @		4 @		5 @		5-Point Composite @ 5'	109											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>5-Point</td><td>TPH</td><td>11/17</td></tr> <tr><td> </td><td>BTEX</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	ANALYSIS	TIME	5-Point	TPH	11/17		BTEX											<div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 50px; text-align: center; line-height: 50px; margin: 10px auto;">PASSED</div>
SAMPLE ID	ANALYSIS	TIME																	
5-Point	TPH	11/17																	
	BTEX																		

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

TRAVEL NOTES:	CALLOUT: _____	ONSITE: <u>11/15/05</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

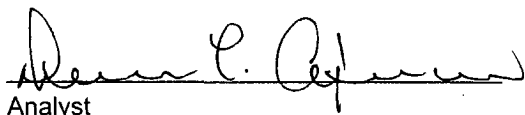
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 5'	Date Reported:	11-18-05
Laboratory Number:	35033	Date Sampled:	11-15-05
Chain of Custody No:	15105	Date Received:	11-17-05
Sample Matrix:	Soil	Date Extracted:	11-17-05
Preservative:	Cool	Date Analyzed:	11-18-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

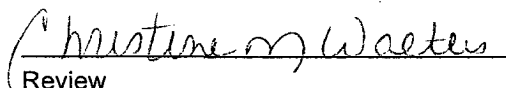
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	354	0.2
Diesel Range (C10 - C28)	47.7	0.1
Total Petroleum Hydrocarbons	402	0.2

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 AC 3B Separator Pit.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 5'	Date Reported:	11-18-05
Laboratory Number:	35033	Date Sampled:	11-15-05
Chain of Custody:	15105	Date Received:	11-17-05
Sample Matrix:	Soil	Date Analyzed:	11-18-05
Preservative:	Cool	Date Extracted:	11-17-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	292	1.8
Toluene	299	1.7
Ethylbenzene	879	1.5
p,m-Xylene	6,300	2.2
o-Xylene	462	1.0
Total BTEX	8,230	

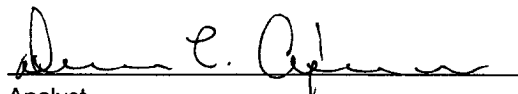
ND - Parameter not detected at the stated detection limit.

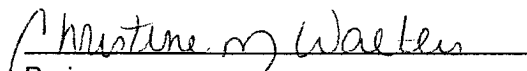
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Florance AC 3B Separator Pit.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 5'	Date Reported:	11-18-05
Lab ID#:	35033	Date Sampled:	11-15-05
Sample Matrix:	Soil	Date Received:	11-17-05
Preservative:	Cool	Date Analyzed:	11-18-05
Condition:	Cool and Intact	Chain of Custody:	15105

Parameter	Concentration (mg/Kg)
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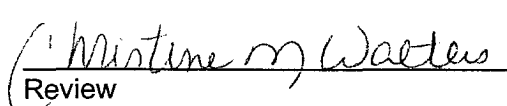
Total Chloride

51.3

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

Comments: Florance AC 3B Separator Pit.


Analyst


Review