

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>ATLANTIC B LS #2</u> API #: <u>30-045- 09966</u> U/L or Qtr/Qtr <u>A</u> Sec <u>4</u> T <u>30N</u> R <u>10W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.84509</u> Longitude <u>107.88184</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"/>		
RCVD APR5'07		
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> <u>PRODUCTION TANK</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> <u>STEEL TANK</u> 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 checked="" type="checkbox"/> If not, explain why not. _____	OIL CONS. DIV. DIST. 3
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 _____. (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 105 FT. S76W FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.</u>	
<u>PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/> LANDFARM: <input type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)</u>	
Cubic yards:	<u>N/A</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: 12/19/06

Printed Name/Title Jeff Blagg - P.E. # 11607 Signature [Signature]

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,
Printed Name/Title District #3 Signature [Signature] Date: AUG 09 2007

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81804</u> COCR NO: <u>14719</u>																																																			
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																																			
LOCATION: NAME: <u>ATLANTIC 8</u> LS WELL #: <u>2</u> TYPE: <u>PROD. TANK</u> QUAD/UNIT: <u>A SEC: 4 TWP: 30N RNG: 10W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>990'N/990'E</u> NE/NE CONTRACTOR: <u>LAR (ADRIAN)</u>		DATE STARTED: <u>12/12/06</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																																			
EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u>																																																					
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>																																																					
LAND USE: <u>RANGE - SUM</u> LEASE: <u>SP 080917</u> FORMATION: <u>MV</u>																																																					
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>105</u> FT. <u>S76W</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: <u>ELEV. - 6,329'</u>		OVM CALIB. READ. = <u>52.9</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>0918</u> ampm DATE: <u>12/12/06</u>																																																			
SOIL TYPE: <u>SAND</u> SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>DR. YELL. ORANGE</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): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD MOISTURE: <u>DRY</u> / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / <u>NO</u> EXPLANATION: _____ HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION: _____ SAMPLE TYPE: <u>GRAB</u> COMPOSITE - # OF PTS: _____ ADDITIONAL COMMENTS: <u>STEEL TANK REMOVED PRIOR TO ARRIVAL.</u>																																																					
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)																																											
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																														
PIT PERIMETER	PIT PROFILE																																																				
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">OVM READING</th> </tr> <tr> <th>SAMPLE ID</th> <th colspan="2">FIELD HEADSPACE (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @ 9'</td><td colspan="2">0.0</td></tr> <tr><td>2 @</td><td colspan="2"> </td></tr> <tr><td>3 @</td><td colspan="2"> </td></tr> <tr><td>4 @</td><td colspan="2"> </td></tr> <tr><td>5 @</td><td colspan="2"> </td></tr> <tr><td> </td><td colspan="2"> </td></tr> <tr><td> </td><td colspan="2"> </td></tr> <tr><td> </td><td colspan="2"> </td></tr> <tr><td> </td><td colspan="2"> </td></tr> <tr><td> </td><td colspan="2"> </td></tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">LAB SAMPLES</th> </tr> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr> <td>DC 9'</td> <td>TPH (80158)</td> <td>1146</td> </tr> <tr> <td>"</td> <td>CHLORIDE</td> <td>"</td> </tr> <tr> <td colspan="3" style="text-align: center;"><u>PASSED</u></td> </tr> </tbody> </table>		OVM READING			SAMPLE ID	FIELD HEADSPACE (ppm)		1 @ 9'	0.0		2 @			3 @			4 @			5 @																		LAB SAMPLES			SAMPLE ID	ANALYSIS	TIME	DC 9'	TPH (80158)	1146	"	CHLORIDE	"	<u>PASSED</u>		
OVM READING																																																					
SAMPLE ID	FIELD HEADSPACE (ppm)																																																				
1 @ 9'	0.0																																																				
2 @																																																					
3 @																																																					
4 @																																																					
5 @																																																					
LAB SAMPLES																																																					
SAMPLE ID	ANALYSIS	TIME																																																			
DC 9'	TPH (80158)	1146																																																			
"	CHLORIDE	"																																																			
<u>PASSED</u>																																																					
P.D. = PIT DEPRESSION, B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM																																																					
TRAVEL NOTES: CALLOUT: <u>12/11/06 - AFTER.</u> ONSITE: <u>12/12/06 - MORN. (SCHED.)</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 @ 9'	Date Reported:	12-13-06
Laboratory Number:	39463	Date Sampled:	12-12-06
Chain of Custody No:	14719	Date Received:	12-12-06
Sample Matrix:	Soil	Date Extracted:	12-12-06
Preservative:	Cool	Date Analyzed:	12-13-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

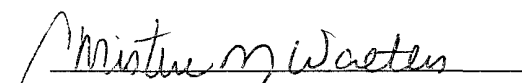
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Atlantic B LS #2 Production Tank Pit Grab Sample**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

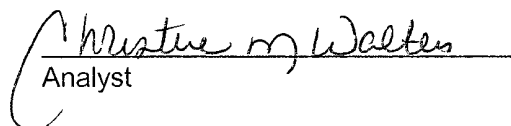
Chloride

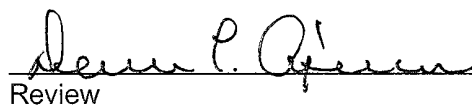
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 9'	Date Reported:	12-13-06
Lab ID#:	39463	Date Sampled:	12-12-06
Sample Matrix:	Soil	Date Received:	12-12-06
Preservative:	Cool	Date Analyzed:	12-13-06
Condition:	Cool and Intact	Chain of Custody:	14719

Parameter	Concentration (mg/Kg)
Total Chloride	42.0

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

Comments: Atlantic B LS #2 Production Tank Pit Grab Sample


Analyst


Review

CHAIN OF CUSTODY RECORD

14719

Client / Project Name <i>BAAG / BP</i>			Project Location <i>ATLANTIC B LS #2</i>		ANALYSIS / PARAMETERS								
Sampler: <i>NV</i>			Client No. <i>94034-010</i>		No. of Containers <i>TPH (30.55)</i>	<i>CHLORIDE</i>					Remarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									
<i>① C 9</i>	<i>12/12/06</i>	<i>1146</i>	<i>39463</i>	<i>SOIL</i>	<i>1</i>	<i>✓</i>	<i>✓</i>				<i>PRODUCED TRUNK PIT</i>		
Relinquished by: (Signature) <i>[Signature]</i>			Date <i>12/12/06</i>	Time <i>1405</i>	Received by: (Signature) <i>[Signature]</i>					Date <i>12/12/06</i>	Time <i>1405</i>		
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615										Sample Receipt			
											Y	N	N/A
										Received Intact	<i>X</i>		
										Cool - Ice/Blue Ice	<i>X</i>		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	12-13-06 QA/QC	Date Reported:	12-13-06
Laboratory Number:	39451	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-13-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	07-11-05	9.9800E+002	9.9900E+002	0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	9.9578E+002	9.9777E+002	0.20%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

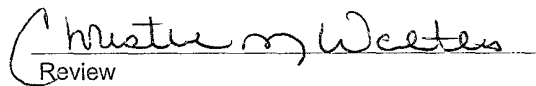
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100.0%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100.0%	75 - 125%

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: QA/QC for Samples 39451 - 39458, 39463


Analyst


Review