

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  
June 1, 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> e-mail address: _____		
Address: <u>200 ENERGY COURT, FARMINGTON, NM 87410</u>		
Facility or well name: <u>SHAW GC B #1</u> API #: <u>30-045- 20715</u> U/L or Qtr/Qtr <u>D</u> Sec <u>14</u> T <u>30N</u> R <u>9W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.81626</u> Longitude <u>107.75562</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"/>		
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> <u>BLOW (II)</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	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u>DIST. 3</u>	<b>RCVD APR5'07 OIL CONS. DIV. DIST. 3</b>
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)	<b>0</b>
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)	<b>0</b>
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)	<b>0</b>
<b>Ranking Score (Total Points)</b>		<b>0</b>

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 108 FT. N60E 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: 08/14/06


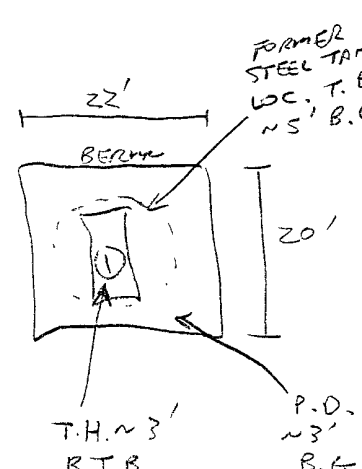
Printed Name/Title Jeff Blagg - P.E. # 11607 Signature [Signature]

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.

Deputy Oil & Gas Inspector,  
District #3  
Approval: \_\_\_\_\_  
Printed Name/Title \_\_\_\_\_ Signature [Signature] Date: AUG 02 2007

30045 20715

36.81626/107.75562

CLIENT <u>BP</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	LOCATION NO <u>B1237</u> COCR NO: <u>14670</u>																																								
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No. <u>1</u> of <u>1</u>																																								
LOCATION: NAME <u>SHAW GC B</u> WELL # <u>1</u> TYPE: <u>BLOW (II)</u> QUAD/UNIT <u>D</u> SEC. <u>14</u> TWP: <u>30N</u> RING: <u>9W</u> PM/NM CNTY: <u>ST. NM</u> QTR/FOOTAGE: <u>790'N/990'W</u> NW/NEW CONTRACTOR: <u>SIERRA (JEFF)</u>		DATE STARTED <u>8/8/06</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 - BLM</u> LEASE: <u>SF 076337</u> FORMATION: <u>PC</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>108</u> FT. <u>N60E</u> FROM WELLHEAD DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE <u>&gt;1,000'</u> NEAREST SURFACE WATER <u>&gt;1,000'</u> NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD. <u>5,000</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION: ELEV. - <u>6,036'</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-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: 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. WELL RECENTLY PULGED &amp; ABANDONED.</u>																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">           SCALE              0 FT         </div> <div style="width: 65%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="8">FIELD 418.1 CALCULATIONS</th> </tr> <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> </tbody> </table> </div> </div>			FIELD 418.1 CALCULATIONS								SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																								
FIELD 418.1 CALCULATIONS																																										
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																			
<b>PIT PERIMETER</b> 	<b>OVM READING</b> <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 @ 8'</td><td>0.0</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> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 8'	0.0	2 @		3 @		4 @		5 @		<b>PIT PROFILE</b> <div style="text-align: center; font-size: 2em; margin-top: 50px;">NOT APPLICABLE</div>																												
SAMPLE ID	FIELD HEADSPACE (ppm)																																									
1 @ 8'	0.0																																									
2 @																																										
3 @																																										
4 @																																										
5 @																																										
<b>LAB SAMPLES</b> <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>1 @ 8'</td> <td>TPH (BODIP)</td> <td>1215</td> </tr> <tr> <td>"</td> <td>CHLORIDE</td> <td>"</td> </tr> <tr> <td> </td> <td><u>PASSED</u></td> <td> </td> </tr> </tbody> </table>			SAMPLE ID	ANALYSIS	TIME	1 @ 8'	TPH (BODIP)	1215	"	CHLORIDE	"		<u>PASSED</u>																													
SAMPLE ID	ANALYSIS	TIME																																								
1 @ 8'	TPH (BODIP)	1215																																								
"	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>8/8/06 - MORN.</u> ONSITE: <u>8/8/06 - NOOD (SCHED.)</u>																																										

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

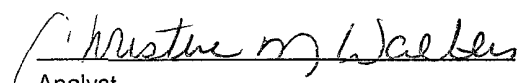
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	08-10-06
Laboratory Number:	38090	Date Sampled:	08-08-06
Chain of Custody No:	14670	Date Received:	08-08-06
Sample Matrix:	Soil	Date Extracted:	08-08-06
Preservative:	Cool	Date Analyzed:	08-09-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

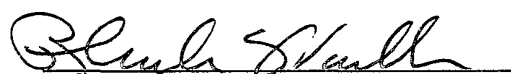
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	0.5	0.1
Total Petroleum Hydrocarbons	0.5	0.2

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: Shaw GC B #1 Blow Pit (II) Grab.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	08-09-06
Lab ID#:	38090	Date Sampled:	08-08-06
Sample Matrix:	Soil	Date Received:	08-08-06
Preservative:	Cool	Date Analyzed:	08-09-06
Condition:	Cool and Intact	Chain of Custody:	14670


Parameter	Concentration (mg/Kg)
-----------	-----------------------

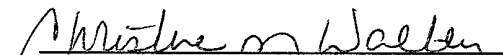
Total Chloride

38.0

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

Comments: Shaw GC B #1 Blow Pit (II) Grab.

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

14670

Client / Project Name <b>BLAGE / BP</b>			Project Location <b>SHAW GC B #1</b>		ANALYSIS / PARAMETERS								
Sampler: <b>NV</b>			Client No. <b>9403400</b>		No. of Containers <b>TPH (80158)</b>	<b>CHLORIDE</b>					Remarks <b>PRESERVED COOL GRAB</b>		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									
<b>① @ 8'</b>	<b>8/8/06</b>	<b>1215</b>	<b>38090</b>	<b>SOIL</b>	<b>1</b>	<b>✓</b>	<b>✓</b>				<b>BLOW PIT (II)</b>		
Relinquished by: (Signature) <i>[Signature]</i>			Date <b>8/8/06</b>	Time <b>1457</b>	Received by: (Signature) <i>[Signature]</i>					Date <b>8/8/06</b>	Time <b>1457</b>		
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								
<b>ENVIROTECH INC.</b> 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615										Sample Receipt			
											Y	N	N/A
										Received Intact	✓		
										Cool - Ice/Blue Ice	✓		

# 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:	08-09-06 QA/QC	Date Reported:	08-10-06
Laboratory Number:	38077	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-09-06
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	1.0712E+003	1.0723E+003	0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	1.2399E+003	1.2424E+003	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

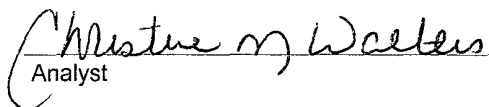
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	249	99.6%	75 - 125%
Diesel Range C10 - C28	ND	250	249	99.4%	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 38077 - 38081 and 38087, 38088, 38090 and 38091.

  
Analyst

  
Review