

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 NMOCD 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: BP AMERICA PROD. CO. Telephone: (505)-326-9200 e-mail address: \_\_\_\_\_  
Address: 200 ENERGY COURT, FARMINGTON, NM 87410  
Facility or well name: BARNES GC A #1 API #: 30-045- 27485 U/L or Qtr/Qtr B Sec 23 T 32N R 11W  
County: SAN JUAN Latitude 36.97480 Longitude 107.95548 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

**Pit**  
Type: Drilling ☐ Production ☐ Disposal ☒ COMPRESSOR  
Workover ☐ Emergency ☐  
Lined ☒ Unlined ☐ STEEL TANK  
Liner type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐  
Pit Volume \_\_\_\_\_ bbl

**Below-grade tank**  
Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: N/A  
Double-walled, with leak detection? Yes ☐ If not, explain why not.

RCVD APR5'07  
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	(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 \_\_\_\_\_. (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 145 FT. S65E FROM WELL HEAD.  
PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft.  
PIT REMEDIATION: CLOSE AS IS: ☒ LANDFARM: ☐ COMPOST: ☐ STOCKPILE: ☐ OTHER ☐ (explain)  
Cubic yards: N/A

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: 01/27/06

Printed Name/Title Jeff Blagg – P.E. # 11607

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,  
District #3

Printed Name/Title \_\_\_\_\_

Signature \_\_\_\_\_

Date:

AUG 09 2007

30045

27485

36.97480/107.95548

CLIENT: BP
**BLAGG ENGINEERING, INC.**  
**P.O. BOX 87, BLOOMFIELD, NM 87413**  
**(505) 632-1199**
LOCATION NO: 8750COCR NO: 14531**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: BARNES GC A WELL #: 1 TYPE: COMPR.DATE STARTED 1/24/06QUAD/UNIT: B SEC: 23 TWP: 32N RNG: 11W PM: NM CNTY: ST ST: NM

DATE FINISHED: \_\_\_\_\_

QTR/FOOTAGE: 1090'2/1530'E NW/NE CONTRACTOR: L & R (ADRIAN)ENVIRONMENTAL SPECIALIST: NVEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NADISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE LEASE: FEE FORMATION: FT**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 145 FT. 565E FROM WELLHEAD.DEPTH TO GROUNDWATER >100' NEAREST WATER SOURCE: >1,000' NEAREST SURFACE WATER: >1,000'NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPM**SOIL AND EXCAVATION DESCRIPTION:**OVM CALIB. READ. = 52.8 ppmOVM CALIB. GAS = 100 ppm

RF = 0.52

TIME: 10:30 am/pm DATE 1/24/06SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERSOIL COLOR: DR. YELL. BROWNCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE FIRM DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

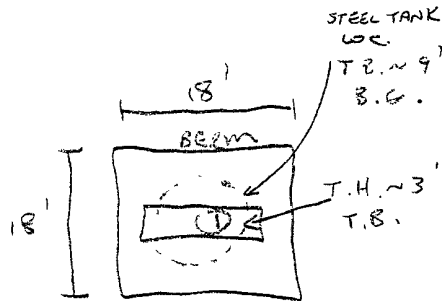
MOISTURE: DRY / SLIGHTLY MOIST MOIST WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - \_\_\_\_\_HC ODOR DETECTED: YES / NO EXPLANATION - \_\_\_\_\_SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 1ADDITIONAL COMMENTS: STEEL TANK REMOVED PRIOR TO TEST HOLE ADVANCEMENT.CLOSED**FIELD 418.1 CALCULATIONS**

SCALE



0 FT

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

**PIT PERIMETER****PIT PROFILE****OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 9'	0.0
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
1 @ 9'	TPH (90138)	1020
"	CHLORIDE	"
	<u>PASSED</u>	

NOT APPLICABLE

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW  
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM**TRAVEL NOTES:**CALLOUT: 1/24/06 - MORN. ONSITE: 1/24/06 - MORN.

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

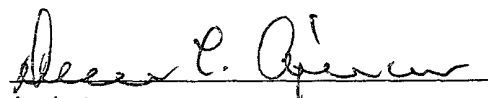
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 9'	Date Reported:	01-27-06
Laboratory Number:	35891	Date Sampled:	01-24-06
Chain of Custody No:	14531	Date Received:	01-25-06
Sample Matrix:	Soil	Date Extracted:	01-25-06
Preservative:	Cool	Date Analyzed:	01-26-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

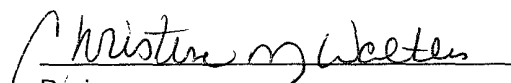
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Barnes GC A #1 Compressor 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:	01-26-06
Lab ID#:	35891	Date Sampled:	01-24-06
Sample Matrix:	Soil	Date Received:	01-25-06
Preservative:	Cool	Date Analyzed:	01-26-06
Condition:	Cool and Intact	Chain of Custody:	14531

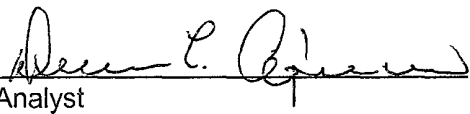
Parameter	Concentration (mg/Kg)
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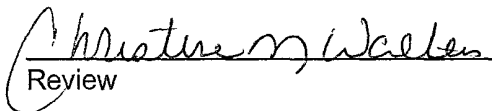
Total Chloride

12.4

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

Comments: Barnes GC A #1 Compressor Pit Grab Sample.

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

14531

Client / Project Name <b>BLAGG/BP</b>			Project Location <b>BARNES GC A #1</b>		ANALYSIS / PARAMETERS								
Sampler: <b>NV</b>			Client No. <b>94034-010</b>		No. of Containers <b>1</b>	<b>TPH</b> <b>(3015B)</b>	<b>CHLORIDE</b>				Remarks <b>PRESERVED COOL GRAB SAMPLE</b>		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									
<b>① @ 9'</b>	<b>1/24/06</b>	<b>1020</b>	<b>35891</b>	<b>SOL</b>	<b>1</b>	<b>✓</b>	<b>✓</b>				<b>COMPRESSOR PIT</b>		
Relinquished by: (Signature) <i>[Signature]</i>			Date <b>1/25/06</b>	Time <b>0941</b>	Received by: (Signature) <i>[Signature]</i>			Date <b>1/25/06</b>	Time <b>0941</b>				
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								
<b>ENVIROTECH INC.</b> <b>5796 U.S. Highway 64</b> <b>Farmington, New Mexico 87401</b> <b>(505) 632-0615</b>										Sample Receipt			
											Y	N	N/A
										Received Intact	<input checked="" type="checkbox"/>		
										Cool - Ice/Blue Ice	<input checked="" type="checkbox"/>		

# 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:	01-26-06 QA/QC	Date Reported:	01-27-06
Laboratory Number:	35858	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-26-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	02-04-05	1.0065E+003	1.0075E+003	0.10%	0 - 15%
Diesel Range C10 - C28	02-04-05	1.0073E+003	1.0094E+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

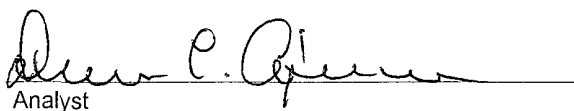
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

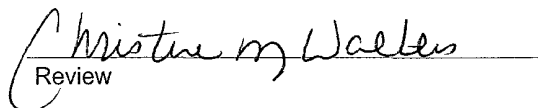
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100.0%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100.0%	75 - 125%

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 35858 - 35865, 35885, 35891.

  
Analyst

  
Review