

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  
20 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  
March 12, 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>	
Address: <u>200 Energy Court, Farmington, NM 87410</u>	
Facility or well name: <u>RIDDLE COM #9E</u> API #: <u>30-045-26198</u> U/L or Qtr/Qtr <u>C</u> Sec <u>17</u> T <u>28N</u> R <u>8W</u>	
County: <u>San Juan</u> Latitude <u>36.66624</u> Longitude <u>107.70736</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 type="checkbox"/> Disposal <input checked="" type="checkbox"/> DEHYDRATOR/SEPARATOR Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> STEEL TANK Liner type: Synthetic <input type="checkbox"/> Thickness <u>    </u> mil Clay <input type="checkbox"/> Volume <u>    </u> bbl	<b>Below-grade tank</b> Volume: <u>    </u> bbl Type of fluid: <u>    </u> Construction material: <u>N/A</u> Double-walled with leak detection? Yes <input type="checkbox"/> If not, explain why not: <u>    </u>
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>10</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>10</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: 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.

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: 06/17/04

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.

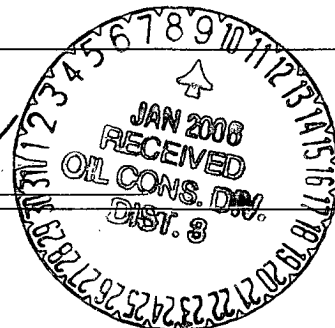
Approval:

ate: JAN 09 2006

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title

Signature Brandon Roll



CLIENT:

BP

**BLAGG ENGINEERING, INC.**  
**P.O. BOX 87, BLOOMFIELD, NM 87413**  
**(505) 632-1199**

LOCATION NO: 81422

COCR NO: 12227

**FIELD REPORT: PIT CLOSURE VERIFICATION**

PAGE No: 1 of 1

LOCATION: NAME: RIDDLE com WELL #: 9E TYPE: DEHY/SEP

QUAD/UNIT: C SEC: 17 TWP: 28N RNG: 8W PM: NM CNTY: ST: NM

QTR/FOOTAGE: 860'N/1790'W NELNW CONTRACTOR: SIERRA (SHAWN)

DATE STARTED: 6/15/04

DATE FINISHED: 6/15/04

ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - Blm LEASE: NM076188 FORMATION: DK

**FIELD NOTES & REMARKS:**

PIT LOCATED APPROXIMATELY 105 FT. SSW FROM WELLHEAD.

DEPTH TO GROUNDWATER: &lt;100' NEAREST WATER SOURCE: &gt;1000' NEAREST SURFACE WATER: &gt;1000'

NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ. = 52.9 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 1800 am/pm DATE: 6-15-04

SOIL TYPE: SAND SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

SOIL COLOR: yellow tan

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 &amp; 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 -

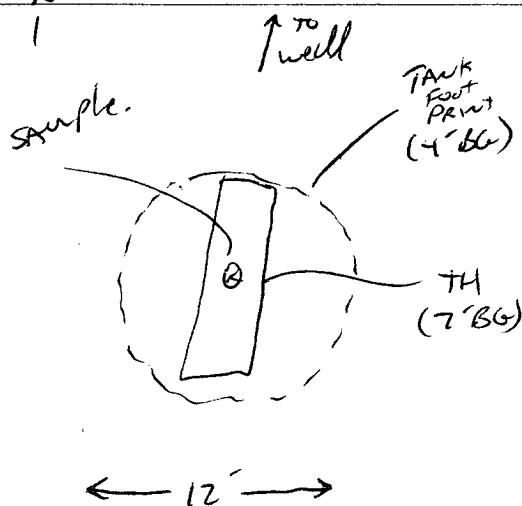
SAMPLE TYPE: GRAB COMPOSITE - # OF PTS. -

ADDITIONAL COMMENTS: Pit w/ 95 Bx steel tank - Use Bacteria to Remove tank & dry  
 test hole. no evidence of contamination

CLOSED

**FIELD 418.1 CALCULATIONS****SCALE**

0 FT

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

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 7'	0.0
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
1 @ 7'	TPH CL	1625
BOTH PASSED		

NOT APPLICABLE

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

**TRAVEL NOTES:**

CALLOUT: 6/15/04 - AFTER. ONSITE: 6/15/04 - AFTER.

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

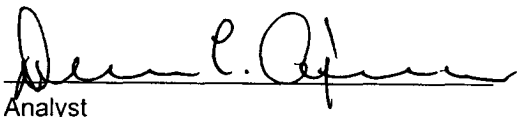
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Dehy/Sep 1 @ 7'	Date Reported:	06-17-04
Laboratory Number:	29132	Date Sampled:	06-15-04
Chain of Custody No:	12287	Date Received:	06-16-04
Sample Matrix:	Soil	Date Extracted:	06-16-04
Preservative:	Cool	Date Analyzed:	06-17-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

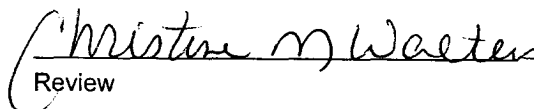
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Riddle Com #9E.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## Total Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Dehy / Sep 1 @ 7'	Date Reported:	06-17-04
Lab ID#:	29132	Date Sampled:	06-15-04
Sample Matrix:	Soil	Date Received:	06-16-04
Preservative:	Cool	Date Analyzed:	06-16-04
Condition:	Cool and Intact	Chain of Custody:	12287

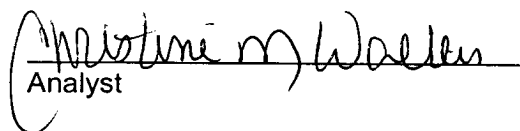
Parameter	Concentration (mg/Kg)
-----------	-----------------------

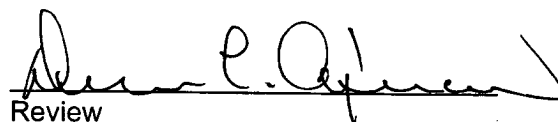
Total Chloride

13.0

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

Comments: Riddle Com #9E.

  
Analyst

  
Review