

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 ☒

FOID DEC 12 '04  
OIL CONSV. DIV.  
DIST. 3

Operator: BP America Production Company Telephone: (505)326-9200 e-mail address: \_\_\_\_\_  
Address: 200 Energy Ct, Farmington, NM 87401  
Facility or well name: BOLACK B LS #1 API #: 30045 07019 U/L or Qtr/Qtr G Sec 33 T 28 N R 8 W  
County: San Juan Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit

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

Below-grade tank

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: \_\_\_\_\_  
Double-walled, with leak detection? Yes ☐ If no, 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)
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)

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)

Ranking Score (Total Points)

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:

See Attached Documentation

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: 11/01/2005

Printed Name/Title Jeffrey C. Blagg, Agent

Signature Jeffrey C. 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. 3

Signature Brendon Roll

Date: DEC 12 2006

CLIENT: BP
**BLAGG ENGINEERING, INC.**  
**P.O. BOX 87, BLOOMFIELD, NM 87413**  
**(505) 632-1199**
LOCATION NO: 81293COCR NO: HALL**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: BOLACK BLS WELL #: 1 TYPE: DeHy/sepDATE STARTED: 9-30-03QUAD/UNIT: G SEC: 33 TWP: 28N RING: 8W PM: NM CNTY: SJ ST: NM

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

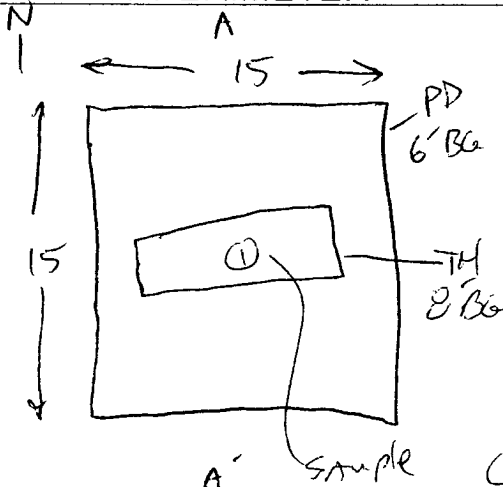
QTR/FOOTAGE: 1550N/1650E SWINE CONTRACTOR: SIERRAENVIRONMENTAL SPECIALIST: JCSEXCAVATION APPROX. 15 FT. x 15 FT. x 6 FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE - Blm LEASE: NM 012202 FORMATION: MVFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FT. S46E FROM WELLHEAD.DEPTH TO GROUNDWATER: <50 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOC D RANKING SCORE: 20 NMOC D TPH CLOSURE STD: 100 PPM**SOIL AND EXCAVATION DESCRIPTION:**
 OVM CALIB. READ. = 52.2 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 1705 am/pm DATE: 9-30-03
SOIL TYPE: SAND / (SILTY SAND) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_SOIL COLOR: DARK BROWNCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / (COHESIVE) / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): (LOOSE) / FIRM / DENSE / VERY DENSEPLASTICITY (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. \_\_\_\_\_
 ADDITIONAL COMMENTS: WOOD lined pit w/ steel tank  
Remove w/ backhoe & dig test hole  
No evidence of contamination
CLOSED**FIELD 418.1 CALCULATIONS**

SCALE

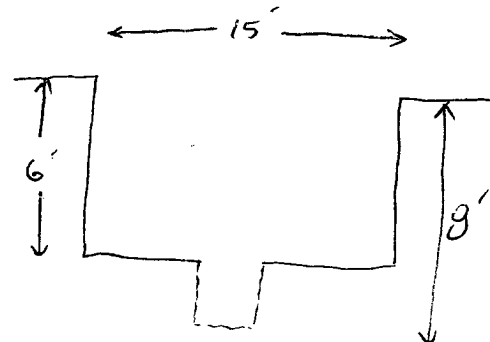
0 FT

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

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 0'	0.0
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
1 @ 0'	TPH	1600
		1700
	<u>PASSED</u>	

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

TRAVEL NOTES:

CALLOUT: \_\_\_\_\_ ONSITE: 9/30/03 1645

## Hall Environmental Analysis Laboratory

Date: 13-Oct-03

**CLIENT:** Blagg Engineering  
**Lab Order:** 0310034  
**Project:** BP-Bolack B LS#1  
**Lab ID:** 0310034-02

**Client Sample ID:** DEHY/Sep #1@8'  
**Collection Date:** 9/30/2003 5:00:00 PM

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE</b>						Analyst: <b>JMP</b>
Diesel Range Organics (DRO)	ND	5.0		mg/Kg	1	10/10/2003 8:55:08 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/10/2003 8:55:08 PM
Surr: DNOP	88.4	60-124		%REC	1	10/10/2003 8:55:08 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/9/2003 12:32:46 AM
Surr: BFB	104	74-118		%REC	1	10/9/2003 12:32:46 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

CLIENT: BPBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: 81293C.O.C. NO: 14478

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: BOLACK B LS WELL #: 1 PITS: Blow  
QUAD/UNIT: G SEC: 33 TWP: 28N RING: 8W PM: NM CNTY: SJ ST: NM  
QTR/FOOTAGE: SW/NE CONTRACTOR: \_\_\_\_\_DATE STARTED: 9/15/05  
DATE FINISHED: \_\_\_\_\_ENVIRONMENTAL  
SPECIALIST: NV

## SOIL REMEDIATION:

25

REMEDICATION SYSTEM: LANDFARM

APPROX. CUBIC YARDAGE: \_\_\_\_\_

LAND USE: Range - BlmLIFT DEPTH (ft): 1-2

## FIELD NOTES &amp; REMARKS:

DEPTH TO GROUNDWATER: <50'NEAREST SURFACE WATER: <1,000'NEAREST WATER SOURCE: >1,000'NMOCD RANKING SCORE: 30NMOCD TPH CLOSURE STD: 100 PPMSOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_

SOIL COLOR: \_\_\_\_\_

COHESION (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

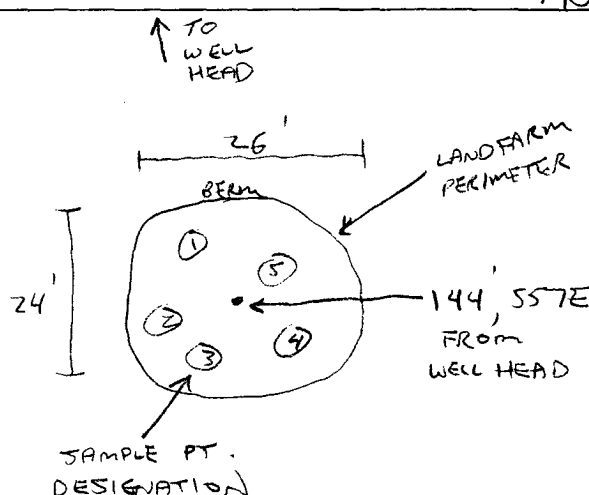
DENSITY (COHESIVE CLAYS &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - \_\_\_\_\_HC ODOR DETECTED: YES / NO EXPLANATION - \_\_\_\_\_SAMPLING DEPTHS (LANDFARMS): 12-18 (INCHES)SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

ADDITIONAL COMMENTS: \_\_\_\_\_

CLOSED

## SKETCH/SAMPLE LOCATIONS

OVM CALIB. READ. = 52.6 ppm (CHECK)  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 12:35 am/pm DATE: 9/14/05

## OVM RESULTS

## LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80158)	1140	ND

## SCALE

0 FT

P.C. - 9/30/03

TRAVEL NOTES: CALLOUT: N/AONSITE: 9/15/05

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

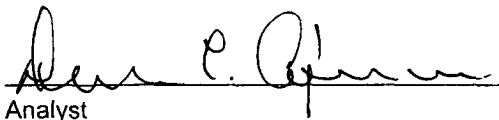
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	09-19-05
Laboratory Number:	34343	Date Sampled:	09-15-05
Chain of Custody No:	14478	Date Received:	09-16-05
Sample Matrix:	Soil	Date Extracted:	09-16-05
Preservative:	Cool	Date Analyzed:	09-19-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

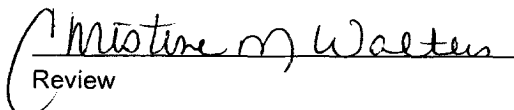
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Bolack B LS #1 Landfarm 5 Pt. Composite Sample.**

  
Analyst

  
Review