

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: BP AMERICA PROD. CO. Telephone: (505)-326-9200 e-mail address: \_\_\_\_\_  
Address: 200 ENERGY COURT, FARMINGTON, NM 87410  
Facility or well name: CASE A #1E API #: 30-045- 25624 U/L or Qtr/Qtr B Sec 19 T 31N R 11W  
County: SAN JUAN Latitude 36.88950 Longitude 108.02895 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☒ PRODUCTION TANK  
Workover ☐ Emergency ☐  
Lined ☐ Unlined ☒  
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. \_\_\_\_\_

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)	<b>0</b>
	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)	<b>0</b>
	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)	<b>0</b>
	200 feet or more, but less than 1000 feet	(10 points)	
	1000 feet or more	( 0 points)	
Ranking Score (Total Points)			<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: PIT LOCATED APPROXIMATELY 126 FT. S40W FROM WELL HEAD.  
PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.  
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: 06/22/05

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:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Signature Jerry Faust

Date: FEB 21 2006

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>81551</u> COCR NO: <u>13294</u>
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## FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: CASE A	WELL #: 1E	TYPE: PROD.	DATE STARTED: 6-20-05
QUAD/UNIT: B SEC: 19	TWP: 31N	RNG: 11W PM: NM CNTY: SJ ST: NM	DATE FINISHED: 6-20-05
QTR/FOOTAGE: 790 FNL x 1840 FEL <sup>NW 1/4</sup>	CONTRACTOR: P+S (FERNANDEZ)		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: SF - 078415 FORMATION: DK

## FIELD NOTES &amp; REMARKS:

PIT LOCATED APPROXIMATELY 126 FT. S 40 W FROM WELLHEAD.

DEPTH TO GROUNDWATER: 750 NEAREST WATER SOURCE: 750 NEAREST SURFACE WATER: >1000  
 NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

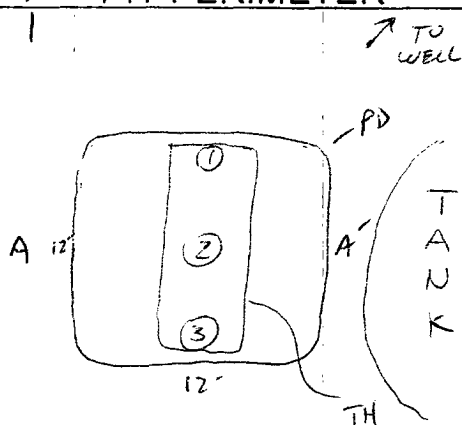
OVM CALIB. READ. = 528 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 1245 am/pm DATE: 6/20

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 & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD  
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED  
DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - CLOSED  
HC ODOR DETECTED: YES / NO EXPLANATION -  
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. —  
ADDITIONAL COMMENTS: 12' x 12' x 3' Deep Earthon Pit. Use

## FIELD 418.1 CALCULATIONS

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

## PIT PERIMETER



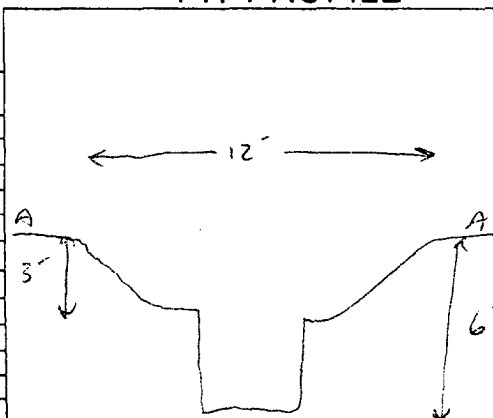
OVM  
READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6"	0.0
2 @ 6"	0.0
3 @ 6"	0.0
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
406	TPH	1200
	PASSED	

## 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: 6/20/05

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

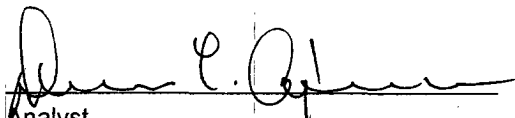
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	2 @ 6'	Date Reported:	06-22-05
Laboratory Number:	33383	Date Sampled:	06-20-05
Chain of Custody No:	13894	Date Received:	06-21-05
Sample Matrix:	Soil	Date Extracted:	06-21-05
Preservative:	Cool	Date Analyzed:	06-22-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

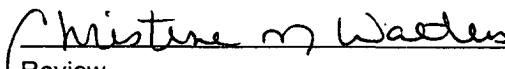
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

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: **Case A #1E Prod. Pit.**

  
Analyst

  
Review