

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  
1 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

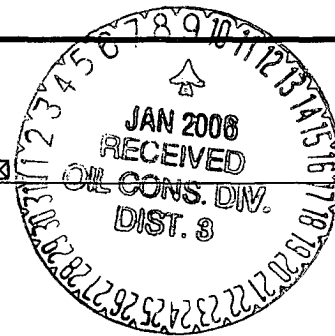
Form C-144  
March 12, 2004

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: BP AMERICA PROD. CO. Telephone: (505) 326-9200

Address: 200 Energy Court, Farmington, NM 87410

Facility or well name: WARREN LS #5A API #: 30-045-25227 U/L or Qtr: Qtr J Sec 24 T 28N R 9W

County: San Juan Latitude 36.64517 Longitude 107.7372 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**  
Type: Drilling ☐ Production ☐ Disposal ☒ SEPARATOR (II)  
Workover ☐ Emergency ☐  
Lined ☒ Unlined ☐ STEEL TANK  
Liner type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐ 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)
50 feet or more, but less than 100 feet	(10 points)
100 feet or more	(0 points)

10

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)
1000 feet or more	(0 points)

0

**Ranking Score (Total Points)** 10

**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: 04/28/04

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.

Approval: JAN 09 2006

Date:

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

Signature: [Signature]

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>80030</u> COCR NO: <u>12045</u>
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## FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: WARREN LS SA WELL #: SA TYPE: SEP (II)  
 QUAD/UNIT: J SEC: 24 TWP: 28N RING: 9W PM: NM CNTY: SS ST: NM  
 QTR/FOOTAGE: 1770'S | 1840'E NW/SE CONTRACTOR: SIERRA (CAL)

EXCAVATION APPROX. 12 FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0  
 DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS  
 LAND USE: RANGE LEASE: SF 077123 FORMATION: MV

**FIELD NOTES & REMARKS:** PIT LOCATED APPROXIMATELY 123 FT. S 86° E FROM WELLHEAD.  
 DEPTH TO GROUNDWATER: >50 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000  
 NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

**SOIL AND EXCAVATION DESCRIPTION:**

SOIL TYPE: SAND (SILTY SAND) / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_  
 SOIL COLOR: Light 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: \_\_\_\_\_  
 HC ODOR DETECTED: YES / (NO) / EXPLANATION: \_\_\_\_\_  
 SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS. \_\_\_\_\_  
 ADDITIONAL COMMENTS: 15' x 15' x 5' Deep Pit w/ 95 Bbl Steel Tank Use backhoe to Remove tank & Dig Test Hole.

OVM CALIB. READ. = 529 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 1352 am/pm DATE: 4-26-04

**SCALE**

0 FT

**FIELD 418.1 CALCULATIONS**

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

**PIT PERIMETER**

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

**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	104
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
1 @ 8'	TPH	1345
	CHLORIDE	

BOTH PASSED

**PIT PROFILE**

NOT APPLICABLE

**TRAVEL NOTES:** CALLOUT: 4-26-04 1000 ONSITE: 4-26-04 1300

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

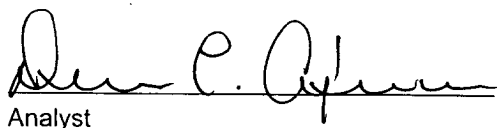
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	04-28-04
Laboratory Number:	28506	Date Sampled:	04-26-04
Chain of Custody No:	12045	Date Received:	04-27-04
Sample Matrix:	Soil	Date Extracted:	04-27-04
Preservative:	Cool	Date Analyzed:	04-28-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

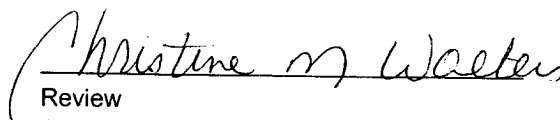
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Warren LS 5A Separator Pit(II) <sup>25</sup>

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## Total Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	04-28-04
Lab ID#:	28506	Date Sampled:	04-26-04
Sample Matrix:	Soil Extract	Date Received:	04-27-04
Preservative:	Cool	Date Analyzed:	04-27-04
Condition:	Cool and Intact	Chain of Custody:	12045

Parameter	Concentration (mg/L)
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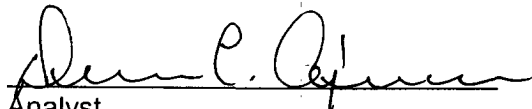
Total Chloride

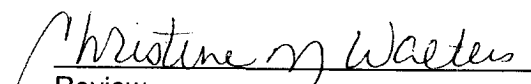
5.60

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

Comments:

Warren LS 5A Separator Pit(II) <sup>mv</sup>

  
Analyst

  
Review