

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: ATLANTIC A LS #2A API #: 30-045- 22993 U/L or Qtr/Qtr P Sec 28 T 31N R 10W  
County: SAN JUAN Latitude 36.86458 Longitude 107.88199 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> COMPRESSOR Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: <u>NA</u> Double-walled, with leak detection? Yes <input type="checkbox"/> 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)	<b>0</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>10</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: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility BP CROUCH MESA LF (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. S70E FROM WELL HEAD.

PIT EXCAVATION: WIDTH 18 ft., LENGTH 18 ft., DEPTH 8 ft.

PIT REMEDIATION: CLOSE AS IS: ☐ LANDFARM: ☐ COMPOST: ☐ STOCKPILE: ☐ OTHER ☒ EXCAVATE

Cubic yards: 65

BEDROCK BOTTOM

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: 05/06/05

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 Denny Foy

Date: FEB 21 2006

CLIENT: BP

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

LOCATION NO: B1512

COCR NO: 14014

# FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: ATLANTIC A LS WELL #: 2A TYPE: COMP.

DATE STARTED: 5-5-05

DATE FINISHED: 5-5-05

QUAD/UNIT: P SEC: 28 TWP: 31N RNG: 10W PM: NM CNTY: SI ST: NM

ENVIRONMENTAL SPECIALIST: ICB

QTR/FOOTAGE: 860'S/870'E SELSE CONTRACTOR: Prs (Fernando)

EXCAVATION APPROX. 18 FT. x 18 FT. x 8 FT. DEEP. CUBIC YARDAGE: 65±

DISPOSAL FACILITY: BP CROWN MESA LF REMEDIATION METHOD: EXCAVATE

LAND USE: RANGE - BLM LEASE: NM 0606 FORMATION: MV

## FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 126 FT. 570E FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: <1000

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

## SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 52.2 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 0845 am/pm DATE: 5-5

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER CLAYSTONE @ 8' BG

SOIL COLOR: DARK BROWN

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 - GRAY streaking

HC ODOR DETECTED: YES / NO EXPLANATION - MINOR

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. —

ADDITIONAL COMMENTS:

18' x 18' x 3' Deep Earthen Pit. Use Backhoe to dig out to firm Bedrock Claystone @ 8' & collect sample.

BEDROCK Bottom

CLOSED

## FIELD 418.1 CALCULATIONS

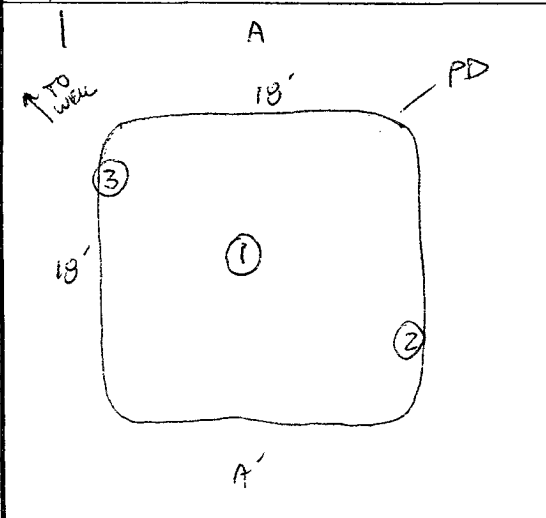
SCALE



0 1 FT

## PIT PERIMETER

## PIT PROFILE

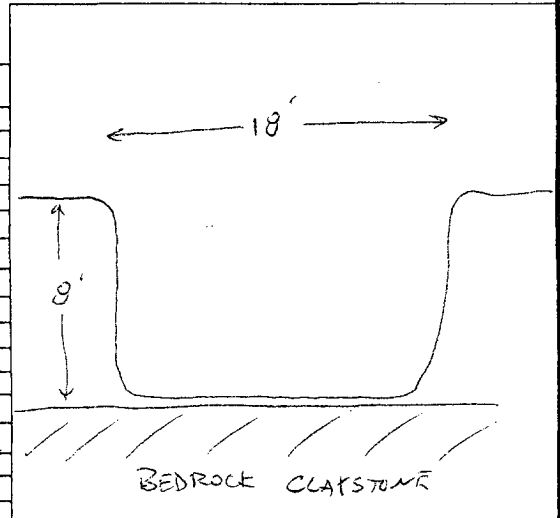


## OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 0'	32
2 @ 6'	2.2
3 @ 6'	11.0
4 @	
5 @	

## LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
108	TPH	1404
	<u>PASSED</u>	



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

## TRAVEL NOTES:

CALLOUT: \_\_\_\_\_

ONSITE: 5-5-05 1340

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

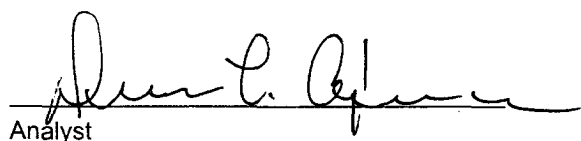
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	05-06-05
Laboratory Number:	32893	Date Sampled:	05-05-05
Chain of Custody No:	14014	Date Received:	05-06-05
Sample Matrix:	Soil	Date Extracted:	05-06-05
Preservative:	Cool	Date Analyzed:	05-06-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

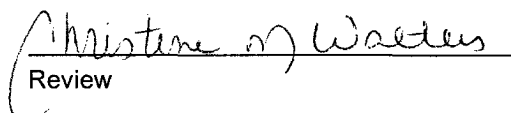
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	87.8	0.1
Total Petroleum Hydrocarbons	87.8	0.2

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: **Atlantic A LS 2A Compressor.**

  
Analyst

  
Review