

District I

P.O. Box 1700, Hobbs, NM

District II

P.O. Box 99, Artesia, NM

District III

1000 Rio Bravo Rd., Alamogordo, NM

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. BOX 2088  
SANTA FE, NEW MEXICO 87504-2088

Outside VA  
no TPH

B1159

SUBMIT 1 COPY TO

APPROPRIATE

DISTRICT OFFICE

AND 1 COPY TO

SANTA FE OFFICE

**PIT REMEDIATION AND CLOSURE REPORT**

30-045-06965

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

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: GCU #137

Location: Unit or Qtr/Qtr Sec P Sec 36 T 28N R 13W County San Juan

Pit Type: Separator ☐ Dehydrator ☐ Other Blow

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: (Attach diagram) Pit dimensions: length NA, width NA, depth NA

Reference: wellhead ☒ other ☐

Footage from reference: 222'

Direction from reference: 8 Degrees ☐ East ☐ North ☒ West ☒ South

**Depth To Groundwater:**

(Vertical distance from  
contaminants to seasonal  
high water elevation of  
groundwater)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>0</u>

**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)	<u>0</u>

**Distance To Surface Water:**

(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 100 feet	(20 points)	
100 feet to 1000 feet	(10 points)	
Greater than 1000 feet	(0 points)	<u>0</u>

**RANKING SCORE (TOTAL POINTS):** 0

Blow Pit B1159

Date Remediation Started: \_\_\_\_\_ Date Completed: 2-25-03

Remediation Method: Excavation ☒ Approx. cubic yards NA  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
Other CLOSE AS IS.

Remediation Location: Onsite ☒ Offsite \_\_\_\_\_  
(i.e. landfarmed onsite, same and location of offsite facility)

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary.  
No TPH analysis conducted

Groundwater Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit  
Closure Sampling:

(If multiple samples,  
attach sample results  
and diagram of sample  
locations and depths)

Sample location see Attached Documents

Sample depth 9' (Test hole bottom)

Sample date 2-24-03 Sample time 1455

Sample Results

Soil: Benzene	(ppm) _____	Water: Benzene	(ppb) _____
Total BTEX	(ppm) _____	Toluene	(ppb) _____
Field Headspace	(ppm) <u>0.0</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) _____	Total Xylenes	(ppb) _____

Groundwater Sample: Yes \_\_\_\_\_ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 2-25-03 PRINTED NAME Jeffrey C. Blagg

SIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

3004506965

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>81159</u>
		COCR NO: <u>—</u>

**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1

LOCATION: NAME: <u>GCM</u>	WELL #: <u>137</u>	TYPE: <u>BLOW</u>
QUAD/UNIT: <u>P</u>	SEC: <u>36</u>	TWP: <u>28N</u> RING: <u>13W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>
QTR/FOOTAGE: <u>850'S/790'E</u>	SELF CONTRACTOR: <u>L+L (JEFF)</u>	ENVIRONMENTAL SPECIALIST: <u>M</u>

EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>
LAND USE: <u>RANGE - SURF. USE - FEE</u> LEASE: <u>NM078391C</u> FORMATION: <u>DK</u>

FIELD NOTES & REMARKS: <u>PIT LOCATED APPROXIMATELY 222 FT. S 8W FROM WELLHEAD.</u>
DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u>
NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM

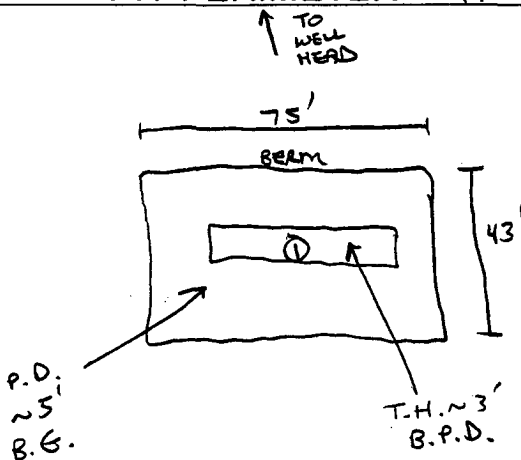
**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ. = <u>53.8</u> ppm
OVM CALIB. GAS = <u>100</u> ppm RF = 0.52
TIME: <u>3:00</u> am/pm DATE: <u>2/24/03</u>

SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR: <u>DK. YELL. ORANGE</u>
COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / DENSE / VERY DENSE
PLASTICITY (CLAYS): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD
MOISTURE: <u>DRY</u> / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED: <u>YES</u> / <u>NO</u> EXPLANATION -
HC ODOR DETECTED: <u>YES</u> / <u>NO</u> EXPLANATION -
SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>—</u>
ADDITIONAL COMMENTS: <u>NO TPH ANALYSIS WAS CONDUCTED.</u>

**CLOSED****FIELD 418.1 CALCULATIONS**

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

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

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 9'	0.0
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
	—	1455

**PIT PROFILE**

NOT APPLICABLE

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

TRAVEL NOTES: <u>CALLOUT: 2/24/03 - LATE MORN. ONSITE: 2/24/03 - AFTER.</u>
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