

District I  
P.O. Box 1980, Hobbs, NM  
District II  
Lawer DD, Artesia, NM  
District III  
1000 Rio Bravo Rd., Aztec, NM

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Risk  
Bedrock  
RECEIVED  
JAN 17 2000  
OIL CON. DIV.  
DIST. 3  
Blow  
SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30-045-25737

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

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: GCU # 239E

Location: Unit or Qtr/Qtr Sec P Sec 24 T 28N R 13W County San Juan

Pit Type: Separator      Dehydrator      Other Blow

Land Type: BLM X, State     , Fee     , Other     

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

Reference: wellhead X, other     

Footage from reference: 120'

Direction from reference: 8 Degrees ✓ East ✓ North       
     West of 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

Date Remediation Started: \_\_\_\_\_

Date Completed: 9-11-02

Remediation Method:

Excavation XApprox. cubic yards NA

(Check all appropriate sections)

Landfarmed \_\_\_\_\_

Insitu Bioremediation \_\_\_\_\_

Other CLOSE AS IS.

Remediation Location:

Onsite X Offsite \_\_\_\_\_

(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary.Bedrock Bottom. NO TPH ANALYSIS WAS CONDUCTED.

Groundwater Encountered:

No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit Closure Sampling:

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

Sample location see Attached DocumentsSample depth 4' (Test hole bottom)Sample date 9-10-02 Sample time 1251

## Sample Results

Soil: Benzene (ppm) \_\_\_\_\_

Water: Benzene (ppb) \_\_\_\_\_

Total BTEX (ppm) \_\_\_\_\_

Toluene (ppb) \_\_\_\_\_

Field Headspace (ppm) 0.0

Ethylbenzene (ppb) \_\_\_\_\_

TPH (ppm) -

Total Xylenes (ppb) \_\_\_\_\_


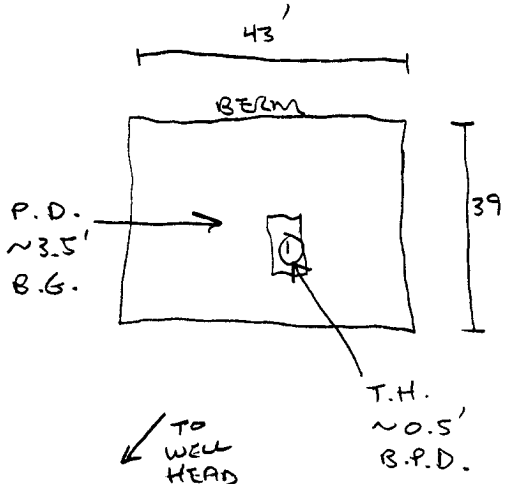
Groundwater Sample:

Yes \_\_\_\_\_ No X

(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 9-11-02 PRINTED NAME Jeffrey C. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

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>81061</u> COCR NO: <u>—</u>																																										
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																																										
LOCATION: NAME: <u>GCU</u> WELL #: <u>Z39E</u> TYPE: <u>BLW</u> QUAD/UNIT: <u>P</u> SEC: <u>Z4</u> TWP: <u>Z8N</u> RNG: <u>13W</u> PM: <u>Nm</u> CNTY: <u>SJ</u> ST: <u>Nm</u> QTR/FOOTAGE: <u>970'S/1115'E</u> SE/SE CONTRACTOR: <u>L &amp; L (SCOTT)</u>		DATE STARTED: <u>9/10/02</u> DATE FINISHED: <u>—</u> ENVIRONMENTAL SPECIALIST: <u>NV</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</u> LEASE: <u>(NAGAZO) NM078391C</u> FORMATION: <u>OK</u>																																												
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>120</u> FT. <u>NBE</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u> NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM																																												
SOIL AND EXCAVATION DESCRIPTION: ELEV. <u>6000'</u> OVM CALIB. READ. = <u>53.5</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>12:30</u> am/pm DATE: <u>9/3/02</u> SOIL TYPE: <u>SAND</u> SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>OK. YEL. ORANGE</u> BEDROCK - SAME AS SOIL. COHESION (ALL OTHERS): <u>NON COHESIVE</u> SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / FIRM / 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> / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / <u>NO</u> EXPLANATION - <u>CLOSED</u> HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION - <u>—</u> SAMPLE TYPE: <u>GRAB</u> COMPOSITE - # OF PTS. <u>—</u> ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - VERY HARD, SLIGHTLY FRIABLE. NO TPH ANALYSIS WAS CONDUCTED.</u> <u>BEDROCK BOTTOM</u>																																												
FIELD 418.1 CALCULATIONS																																												
SCALE  0 FT	<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SAMP. TIME</th><th>SAMP. ID</th><th>LAB NO.</th><th>WEIGHT (g)</th><th>mL FREON</th><th>DILUTION</th><th>READING</th><th>CALC. (ppm)</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>		SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																		
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																					
PIT PERIMETER 	OVM READING <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SAMPLE ID</th><th>FIELD HEADSPACE (ppm)</th></tr></thead><tbody><tr><td>1 @ 4'</td><td>0.0</td></tr><tr><td>2 @</td><td> </td></tr><tr><td>3 @</td><td> </td></tr><tr><td>4 @</td><td> </td></tr><tr><td>5 @</td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table> LAB SAMPLES <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SAMPLE ID</th><th>ANALYSIS</th><th>TIME</th></tr></thead><tbody><tr><td> </td><td> </td><td>1251</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>		SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 4'	0.0	2 @		3 @		4 @		5 @														SAMPLE ID	ANALYSIS	TIME			1251												
SAMPLE ID	FIELD HEADSPACE (ppm)																																											
1 @ 4'	0.0																																											
2 @																																												
3 @																																												
4 @																																												
5 @																																												
SAMPLE ID	ANALYSIS	TIME																																										
		1251																																										
PIT PROFILE  <div style="text-align: center; font-size: 2em;">NOT APPLICABLE</div>																																												
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM																																												
TRAVEL NOTES: CALLOUT: <u>9/10/02 - MORN.</u> ONSITE: <u>9/10/02 - AFTER.</u>																																												