

District I

P.O. Box 1980, Hobbs, NM

District II

Lawer DD, Artesia, NM

District III

1000 Rio Brazo 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 2001
OIL CON. DIV.
DIST. 3
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30-045-11691

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200
Address: 200 ENERGY COURT, FARMINGTON, NM 87401
Facility or Well Name: GCU # 235
Location: Unit or Qtr/Qtr Sec A Sec B T 28N R BW 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: 110'

Direction from reference: 84 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

Date Remediation Started: _____

Date Completed: 9-10-02

Remediation Method:

Excavation X

Approx. 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 Documents

Sample depth 3' (Test hole bottom)

Sample date 9-10-02 Sample time 1222

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 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 9-10-02 PRINTED NAME Jeffrey C. Blagg

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

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81060</u> COCR NO: <u>-</u>																																
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																
LOCATION: NAME: <u>GCU</u> WELL #: <u>Z3S</u> TYPE: <u>BLW</u> QUAD/UNIT: <u>H</u> SEC: <u>13</u> TWP: <u>28N</u> RNG: <u>13W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>2240'N/995'E</u> SEINE CONTRACTOR: <u>FLEET (BEN)</u>		DATE STARTED: <u>9/10/02</u> DATE FINISHED: 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-BLM</u> SURFACE USE-FEE LEASE: <u>NM 078391C</u> FORMATION: <u>DK</u>																																		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>110</u> FT. <u>584W</u> FROM WELLHEAD.																																		
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>																																		
NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM																																		
SOIL AND EXCAVATION DESCRIPTION: ELEV. <u>5697'</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/SHALE)</u>																																		
SOIL COLOR: <u>BLUE GRAY</u> <u>BEDECK - OLIVE GRAY</u>																																		
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): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC																																		
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD																																		
MOISTURE: DRY / <u>SLIGHTLY MOIST</u> MOIST / WET / SATURATED / SUPER SATURATED																																		
DISCOLORATION/STAINING OBSERVED: YES / <u>NO</u> EXPLANATION -																																		
HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION -																																		
SAMPLE TYPE: <u>GRAB</u> COMPOSITE - # OF PTS. <u>-</u>																																		
ADDITIONAL COMMENTS: <u>REFERRED TO PIT INVENTORY FIELD REPORT FOR PIT LOCATION SINCE PIT WAS BACKFILLED PRIOR TO ARRIVAL. BACKFILL DATE UNKNOWN. INVENTORY DATA INDICATED PIT WAS LOCATED 120 FT, 584W FROM WELL HEAD. NO TPH ANALYSIS WAS CONDUCTED</u>																																		
SCALE  0 FT																																		
FIELD 418.1 CALCULATIONS																																		
<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><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 <u>4N</u>																																		
PIT PROFILE																																		
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 @ 3'</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></tbody></table>			SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 3'	0.0	2 @		3 @		4 @		5 @																					
SAMPLE ID	FIELD HEADSPACE (ppm)																																	
1 @ 3'	0.0																																	
2 @																																		
3 @																																		
4 @																																		
5 @																																		
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>1222</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	ANALYSIS	TIME			1222																										
SAMPLE ID	ANALYSIS	TIME																																
		1222																																
NOT APPLICABLE																																		
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>																																		