

District I

P.O. Box 1180, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM

District III

1000 Km Drive Rd., Lordsburg, 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

B0992

Bedrock

RECEIVED  
JAN 17 2003  
OIL CON. DIV.

SUBMIT COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND COPY TO  
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30-045-24249

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

Address: 300 AMOCO COURT, FARMINGTON, NM 87401

Facility or Well Name: GCU # 210E

Location: Unit or Qtr/Qtr Sec C Sec 31 T 29N R 12W 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: 165'

Direction from reference: 82 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 B0992

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

Date Completed: 6-6-02

Remediation Method:

(Check all appropriate sections)

Excavation XApprox. cubic yards NA

Landfarmed \_\_\_\_\_

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

Other CLOSE AS IS.

Remediation Location:

(i.e. landfarmed onsite,  
name and location of  
offsite facility)Onsite X Offsite \_\_\_\_\_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 5' (Test hole bottom)Sample date 6-5-02 Sample time 0815

## Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>0.0</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>—</u>	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 6-6-02 PRINTED NAME Jeffrey C. BlaggSIGNATURE 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>80992</u>  C.D.C. NO: <u>-</u>
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**FIELD REPORT: PIT CLOSURE VERIFICATION**

LOCATION: NAME: <u>Gcu</u> WELL #: <u>Z10E</u> TYPE: <u>BLOW</u> QUAD/UNIT: <u>C SEC: 31</u> TWP: <u>Z9N</u> RNG: <u>12W</u> PM: <u>SJ</u> CNTY: <u>NM</u> ST: <u>NM</u> QTR/FOOTAGE: <u>840'N/1580'W</u> NEI/NW CONTRACTOR: <u>L &amp; L</u> ( <u>DAN</u> )	PAGE No: <u>1</u> of <u>1</u> DATE STARTED: <u>6/5/02</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE-BLM LEASE: SF 078109 FORMATION: OK

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**FIELD NOTES & REMARKS:** PIT LOCATED APPROXIMATELY 165 FT. S82E FROM WELLHEAD

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

NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM

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**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ: 52.8 ppm  
 OVM CALIB. GAS = 100 ppm BF = 0.52  
 TIME: 7:50 AM/pm DATE: 6/5/02

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)

SOIL COLOR: MOD. YELL. BROWN BEDROCK - SAME

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 - OK. YEL. BROWN @ PIT SURFACE (ISOLATED PATCHES)

HC ODOR DETECTED: YES / NO EXPLANATION -

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

ADDITIONAL COMMENTS: BEDROCK - VERY HARD, COMPETENT, SLIGHTLY FRAGILE. COLLECTED SAMPLE FROM BEDROCK SURFACE. NO TPH ANALYSIS WAS CONDUCTED.

BEDROCK BOTTOM

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**FIELD 418.1 CALCULATIONS**

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

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**PIT PERIMETER** ↗ N

T.H. (BEDROCK EXPOSED)  
59'  
63'  
TO WELL HEAD  
SAMPLE PT. ADVANCED W/ HAND SHOVEL  
P.D. ~ 4' B.G.  
DOWN SLOPE DIRECTION

**PIT PROFILE**

**OVM RESULTS**

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

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME

*NOT APPLICABLE*

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

TRAVEL NOTES: CALLOUT: 6/4/02 - AFTER ONSITE: 6/5/02 - MORN.