

District I  
P.O. Box 1964, Bernalillo, NM  
District II  
P.O. Box 1964, Bernalillo, NM  
District III  
P.O. Box 1964, Bernalillo, 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 VTH Risk B1119  
bedrock  
WOTPH

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

**PIT REMEDIATION AND CLOSURE REPORT**

30-045-06918

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200  
Address: 200 ENERGY COURT, FARMINGTON, NM 87401  
Facility or Well Name: GCU #89  
Location: Unit or Qtr/Qtr Sec C Sec 6 T 27N 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: 369'  
Direction from reference: 45 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) 0

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) 0

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) 0

RANKING SCORE (TOTAL POINTS): 0

Blow Pit

Date Remediation Started: \_\_\_\_\_ Date Completed: 1-7-03

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: Sample location see Attached Documents  
 (If multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 8' (Test hole bottom)

Sample date 1-7-03 Sample time 1157

## 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 1-7-03 PRINTED NAME Jeffrey C. Blagg

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

CLIENT: .BPBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: B1119COCR NO: -

## FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1LOCATION: NAME: GCU WELL#: 89 TYPE: BLOW  
QUAD/UNIT: C SEC: 6 TWP: 27N RING: 12W PM: NM CNTY: SJ ST: NM  
QTR/FOOTAGE: 990'N/1650'W NEWW CONTRACTOR: L & L (DAN)DATE STARTED: 1/7/03DATE FINISHED: -ENVIRONMENTAL  
SPECIALIST: NVEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NADISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE - BURN LEASE: NM 078391C FORMATION: OKFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 369 FT. S45E FROM WELLHEAD.DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

## SOIL AND EXCAVATION DESCRIPTION:

ELEV. 5779 DFOVM CALIB. READ. = 51.9 ppm CHECK  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 11:59 am/pm DATE: 1/7/03SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)  
SOIL COLOR: GRAYISH ORANGE TO OLIVE GRAY BEDROCK - GRAYISH ORANGE TO LT. GRAYCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -HC ODOR DETECTED: YES / NO EXPLANATION -SAMPLE TYPE: GRAB COMPOSITE - # OF PTS. -ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - VERY HARD,  
BEDROCK COMPETENT. NO TPH ANALYSIS WAS CONDUCTED. A TANK INSTALLED  
BOTTOM INTO PREVIOUSLY EARTHEN SEPARATOR PIT. A

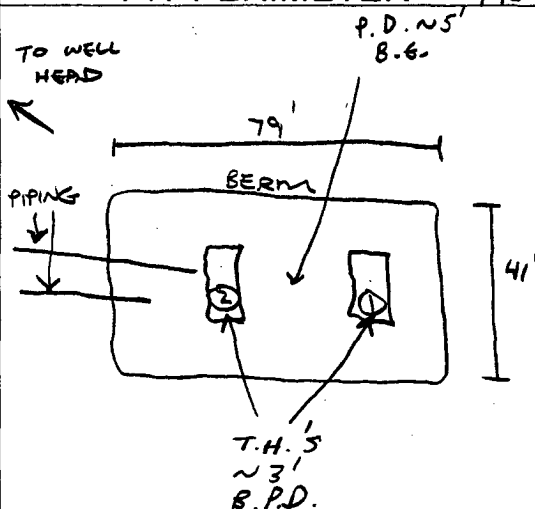
## FIELD 418.1 CALCULATIONS

SCALE

0 FT

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

## PIT PERIMETER

OVM  
READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	0.0
2 @ 8'	0.0
3 @	
4 @	
5 @	

## PIT PROFILE

NOT APPLICABLE

## LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
	-	1157

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

TRAVEL NOTES:

CALLOUT: 1/7/03 - MORN.ONSITE: 1/7/03 - MORN.