

District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.O. Drawer DD, Artesia, NM 88211  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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

(Revised 3/9/94)

## PIT REMEDIATION AND CLOSURE REPORT

Operator: BHP PETROLEUM (AMERICAS) INC. Telephone: (505) 327-1639

Address: P.O. BOX 977 FARMINGTON, NEW MEXICO 87499

Facility Or: MONTOYA #1  
Well Name

Location: Unit or Qtr/Qtr Sec SE/SW Sec 25 T 32N R 13W County SAN JUAN

Pit Type: Separator Dehydrator Other EMERGENCY PIT

Land Type: BLM State Fee X Other

Pit Location: Pit dimensions: length 15', width 15', depth 2.5'  
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 15'

Direction from reference: Degrees East North  
of  
X West South

*Denny E. Faust*  
DEPUTY OIL & GAS INSPECTOR

Depth To Ground Water: AUG 26 1995 Less than 50 feet (20 points)  
(Vertical distance from 50 feet to 99 feet (10 points)  
contaminants to seasonal Greater than 100 feet (0 Points) 0  
high water elevation of  
ground water)

Wellhead Protection Area: Yes (20 points)  
(Less than 200 feet from a private No (0 points) 0  
domestic water source, or; less than  
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)  
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)  
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0  
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 7-20-95 Date Completed: 7-20-95

Remediation Method: Excavation      Approx. cubic yards       
(Check all appropriate sections) Landfarmed      Insitu Bioremediation       
Other     

Remediation Location: Onsite      Offsite       
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: BACKFILLED PIT WITH CLEAN SOIL.

Ground Water Encountered: No X Yes      Depth     

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location PIT NORTH WALL, SOUTH WALL, EAST WALL, WEST WALL & CENTER OF PIT.

Sample depth     

Sample date 6-23-95 Sample time 11:00 am

Sample Results

Benzene(ppm)     

Total BTEX(ppm)     

Field headspace(ppm)     

TPH     

Ground Water 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 7-21-95

SIGNATURE J.C. Harris PRINTED NAME J.C. HARRIS PRODUCTION SUPT.

## **CONTRACTOR LIST**

**MONTOYA #1  
API-#3004511227  
UL-N SEC. 25, T32N, 13W**

**HOLGATE OILFIELD SERVICE  
201 FREDERICK AVE.  
HOLGATE OILFIELD SERVICE**



Montoya #1  
SE/SW Sec. 25  
T32N, R13W  
San Juan Co., N.M.

## VOLATILE AROMATIC HYDROCARBONS

BHP Petroleum

Project ID:	Pits	Report Date:	07/03/95
Sample ID:	Montoya #1	Date Sampled:	06/23/95
Lab ID:	1160 - Composite	Date Received:	06/23/95
Sample Matrix:	Soil	Date Extracted:	06/30/95
Preservative:	Cool	Date Analyzed:	06/30/95
Condition:	Intact		

Target Analyte	Concentration (ug/kg)	Detection Limit (ug/kg)
Benzene	ND	21.0
Toluene	25.7	21.0
Ethylbenzene	ND	21.0
m,p-Xylenes	105	42.0
o-Xylene	ND	21.0

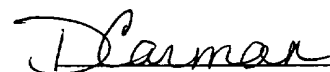
ND - Analyte not detected at the stated detection limit.

<b>Quality Control:</b>	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	105	81 -117%
	Bromofluorobenzene	104	74 -121%

**Reference:** Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics;  
Test Methods for Evaluating Solid Wastes, SW-846, United States  
Environmental Protection Agency, Final Update I, July, 1992.

**Comments:**

  
Analyst

  
Review

## TOTAL PETROLEUM HYDROCARBONS

EPA Method 418.1

BHP Petroleum

Project ID: Pits  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Intact

Report Date: 07/03/95  
Date Sampled: 06/23/95  
Date Received: 06/23/95  
Date Extracted: 06/30/95  
Date Analyzed: 06/30/95

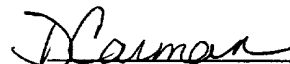
Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Montoya #1	1160	41.3	24.7

ND- Analyte not detected at the stated detection limit.

**Reference:** Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste, SW-846, United States Environmental Protection Agency, September, 1986;  
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of Water and Waste, United States Environmental Protection Agency, 1978.

**Comments:**

  
Analyst *Michelle Wilkins*

  
Review

