

District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.C. 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  
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: STATE GAS COM. "K" #1  
Well Name \_\_\_\_\_  
Location: Unit or Qtr/Qtr Sec NW/SW Sec 16 T 31N R 11W County SAN JUAN  
Pit Type: Separator    Dehydrator    Other BLOW PIT  
Land Type: BLM   , State X, Fee   , Other   

Pit Location: Pit dimensions: length 30', width 20', depth 4'  
(Attach diagram) Reference: wellhead X, other \_\_\_\_\_  
Footage from reference: 200'  
Direction from reference: \_\_\_\_\_ Degrees \_\_\_\_\_ East North \_\_\_\_\_  
of \_\_\_\_\_ West South X

*Denny E. Faust*  
DEPUTY OIL & GAS INSPECTOR

Depth To Ground Water: AUG 26 1995  
(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)

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)

RECEIVED  
JUL 26 1995  
OIL CON. DIV.  
DIST. 3

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 200 feet (20 points)  
200 feet to 1000 feet (10 points)  
Greater than 1000 feet (0 points) 0

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: Sample location PIT-NORTHWALL, SOUTH WALL, EAST WALL  
Closure Sampling: WEST WALL & CENTER OF PIT.  
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth       

Sample date 6-23-95 Sample time 1:00 pm

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

PRINTED NAME  
AND TITLE

J.C. HARRIS PRODUCTION SUIPT

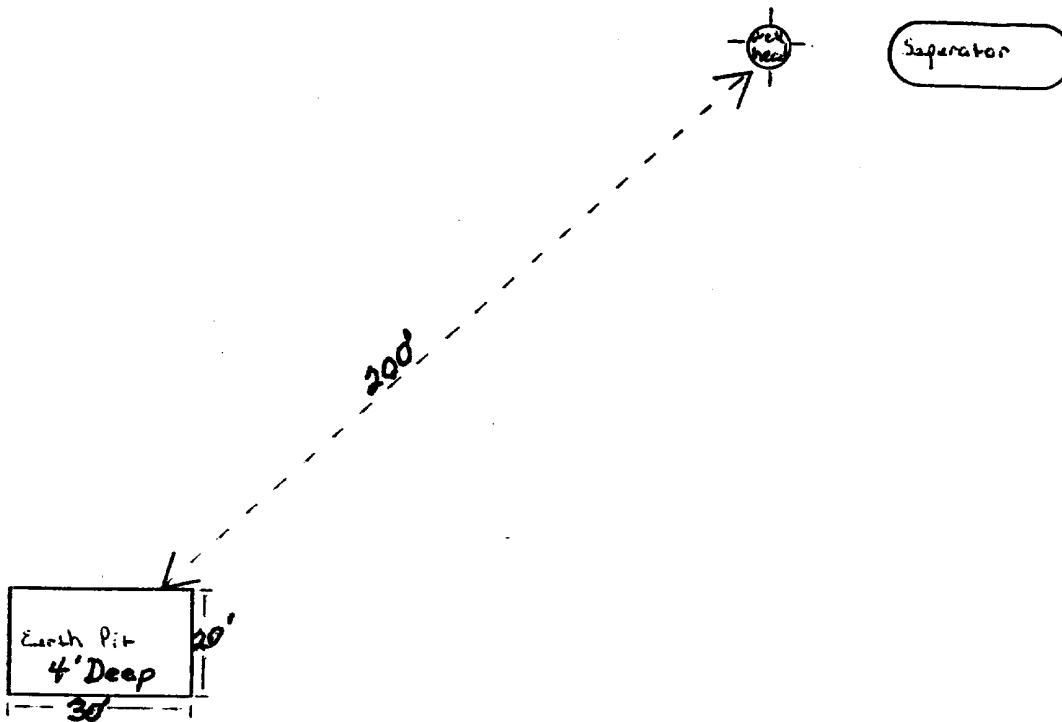
## **CONTRACTOR LIST**

**STATE GAS COM "K" 1  
API-#3004510711  
UL-L SEC. 16, T31N, 11W**

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



State Gas K #1  
NW/SW Sec. 16  
T31N, R11W  
San Juan Co., N.M.



## VOLATILE AROMATIC HYDROCARBONS

BHP Petroleum

Project ID:	Pits	Report Date:	07/03/95
Sample ID:	State Gas Unit "K" #1	Date Sampled:	06/23/95
Lab ID:	1162 - 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	20.3
Toluene	25.6	20.3
Ethylbenzene	ND	20.3
m,p-Xylenes	106	40.7
o-Xylene	ND	20.3


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	102	81 -117%
	Bromofluorobenzene	99	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  
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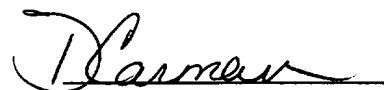
Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
State Gas Unit "K" #1	1162	78.3	24.7

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 *Mr Michelle Wilkins*

  
Review

## ENVIRONMENTAL LABORATORY

Company: \_\_\_\_\_  
Address: \_\_\_\_\_

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