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

State of New Mexico Energy, Minerals and Natural Resources Department

APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OIL CONSERVATION DIVISION

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

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

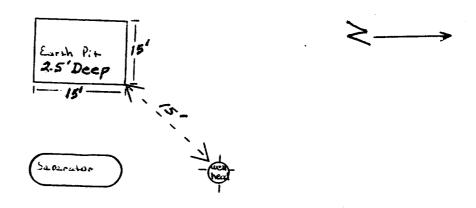
Operator: BHP PETROLEUM (AMERICAS) INC	. Telephone: (505) 327-1639
Address: P.O. BOX 977 FARMINGTON, NE	
Facility Or: MONTOYA #1 Well Name	
Location: Unit or Qtr/Qtr SecSE/SWSe	c 25 T 32N R 13W County SAN JUAN
Pit Type: Separator Dehydrator O	
Land Type: BLM, State, Fee X	
nand Type. Dun, Scace, ree _^	, other
Pit Location: Pit dimensions: length (Attach diagram) Reference: wellhead X	15' , width 15' , depth 2.5' , other
Footage from reference:	15'
Direction from referenc	e: Degrees East North
Denny S. 7	X West South
Allo o di co	2010R
Depth To Ground Water: AUG 2 6 1995 (Vertical distance from contaminants to seasonal high water elevation of ground water)	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 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
	RANKING SCORE (TOTAL POINTS):

Date Remediation	Started: 7-20-95	Date Completed:	7-20-95
Remediation Metho (Check all appropriat	d: Eycavation	Approx. cubic yards	
sections)	Landfarmed	Insitu Bioremediation	
	Other		
Remediation Locati	on: OnsiteOf	fsite	
name and location of offsite facility)	- ,		
General Description	n Of Remedial Actio	BACKFILLED PIT WITH CLEA	N SOIL.
	::		
Ground Water Encour	atered: No X	Yes Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location WEST WALL & CENTER	PIT NORTH WALL, SOUTH WALL,	EAST WALL,
attach sample results and diagram of sample locations and depths)	Sample depth		
and depens)	Sample date 6-23	Sample time	11:00 am
	Sample Results	· · · · · · · · · · · · · · · · · · ·	
	Benzene (ppm)		
	Total BTEX(ppm	n)	
	Field headspac	e(ppm)	¹⁴ 5
	TPH		
round Water Sample:	;	(If yes, attach sample re	esults)
· //·	T THE INFORMATION A BELIEF	BOVE IS TRUE AND COMPLETE	TO THE BEST
ATE 7-21-95 IGNATURE	DDTNMEN N	AME J.C. HARRIS PRODUCTIO	
		BASE OF HARRIS DOODINGTIC	IN CUDT

CONTRACTOR LIST

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

HOLGATE OILFIELD SERVICE 201 FREDERICK AVE. HOLGATE OILFIELD SERVICE



Mantaya # 1 SE/SW Sec. 25 T 32 N, R 13 W 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 Cool Date Extracted:

06/30/95

Preservative: Condition:

Intact

Date Analyzed:

06/30/95

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

ND - Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

Percent Recovery

Acceptance Limits

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:

buin Ra

Darmar



TOTAL PETROLEUM HYDROCARBONS EPA Method 418.1

BHP Petroleum

Project ID:

Pits

Report Date:

07/03/95

Sample Matrix: Preservative:

Condition:

Soil Cool Intact

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 Armichade Wilke

Darmon Review

Page / of /

		Required Turnaround Time (Pr	Shipped Via:	P.O. No.	Proj Name:	Proj. #:	Project Information	1	**************************************	本作 事十 の	71 71	11 11			Montour 1 6-23.9	ROTS. CARLTON • FARMINGTON, NM 87401 • (505) 326-2395 PROJECT MANAGER: Analytica Lab I.D.: Company: Address: Phone: Fax: Bill To: Company: Address: Sample ID Date Time N
		Required Turnaround Time (Prior Authorization Required for Rush)	Received Cold	Received Intact:	Custody Seals: Y/N/NA	17		**************************************			" Smath?	". Worth Rid	" " West Rit	East Rid	5 110/AM Control Pox	7401 · (505) 326-2395 Petrolyms Box 977 - crefton, N.M. 87499 1 3 3 > - 16 3 9 Matrix Lab ID
Company:		Received By:	BHP Kto 1191	pany:	Care Waster 6-23-	Signature Date:	d by:						die Age	**	X	Petroleum Hydrocarbons (418.1) Gasoline / Diesel (mod. 8015) Gasoline (GRO) Aromatic HCs BTEX/MTBE (602/8020) Chlorinated Hydrocarbons (8010) SDWA Volatiles (502.1/503.1) Chlorinated Pesticides / PCBs (608 / 8080) Herbicides (615 / 8150) Volatiles GC/MS (624 / 8240 / 8260)
Company:	Signature	Received By:	M. BAP Lita	Company:	2	Signature	Relinquished by:						**************************************			Volatiles GC/MS (624 / 8240 / 8260) Base / Neutral / Acid GC/MS (625 / 8270) Polynuclear Aromatic Hydrocarbons (8100) TCLP Extraction Other (specify): Cation / Anion Specific Cations (specify):
Company:		Received By:	Schin	Time: Company:	6-23-81	Date: Signature	Relinquished by:				, ,					Specific Anions (specify): BOD / Fecal / Total Coliform Solids: TDS / TSS / SS Nutrients: NH4+ / NO2- / NO3- / TKN Oil and Grease Other (specify): Priority Pollutants
N :	White/Yellow: Analytica		Shaded areas for lab use	Time:	Please Fill Out Thoroug	Date:										RCRA Metals (Total) RCRA Metals TCLP (1311) Other (specify):