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

2/12/0/ State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-20

PIT REMEDIATION AND CLOSURE REFOR

		C. C			
Operator:	Amoco Production Company	Telephone: (505) - 326-9200			
Address:	200 Amoco Court, Farmington,				
	A.L. ELLIOTT E #1				
Wall Name		111 -241 - 41/ a CALL TUAN			
Location: Unit	or Qtr/Qtr Sec Se	C 14 T29N R 9W County SAN JUAN			
Pit Type: Separator Dehydrator Other B \omega \omega					
Land Type: BL	MX, State, Fee	, Other			
Pit Location: (Attach diagram)	Reference: wellhead X Footage from reference:	40' , width			
Depth To Ground Water: (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)			
domestic water 5	ection Area: eet from a private ource, or; less than all other water sources)	Yes (20 points) No (0 points) <u>O</u>			
Distance To S (Horizontal dist lakes, ponds, ri irrigation canal	ance to perennial vers, streams, creeks,	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 Sta	arted:	Date * Completed:	9-8-94		
votbod:	Everyation X	Approx. cubic yards	200		
(Check all appropriate sections)	Landfarmed X	Insitu Bioremediation			
	Other				
			,		
Remediation Location (ie. landfarmed onsite, name and location of offsite facility)		fsite A.L. ELLIOTT D#9	-		
General Description	Of Remedial Action	n:			
Excavation	on				
nmoch letter	comes pondence	12-10-94			
Ground Water Encoun	itered: No X	Yes Depth			
Final Pit: Closure Sampling: (if multiple samples,	Sample location _	see Attached Documents			
attach sample results and diagram of sample	Sample depth	ω'			
locations and depths)		8-99 Sample time			
	Sample Results				
	Benzene(ppm)	·			
	Total BTEX(p				
Field headspace(ppm) 8.1					
	трн <u>18 ре</u>				
		X (If yes, attach sample			
I HEREBY CERTIFY TO	HAT THE INFORMATION	N ABOVE IS TRUE AND COMPL	ETE TO THE BEST		
DATE 9/13/99	1	D NAME BUDDY DESTRUCTION OF THE	Shaul.		
STGNATURE BAS	haw AND TI	TLE ENVIRONMENTAL	Coordinator		

RESULTS TO BOD MILLOY 9-8-94 PEO					
BLAGG ENGINEERING, INC.	LOCATION NO: BOOSO				
P.O. BOX 87, BLOOMFIELD, NM 8741	3 c.o.c. No:				
(505) 632-1199					
FIELD REPORT: PIT CLOSURE VERIFICAT					
LOCATION: NAME: A. L. ELLIOTE E WELL #: PIT: BLOW	DATE STARTED:				
OHAD CHARLE D. SEC: 14 TWP: 29 N RNG: 9 W BM: NM CNTY: 33 ST: N	ENVIRONMENTAL & LO				
QTR/FOOTAGE: NW/4 NW/4 CONTRACTOR: PAWL + SONS	SPECIALIST:				
SOIL REMEDIATION: EXCAVATION APPROX. 40 FT. x 25 FT. DISPOSAL FACILITY: (N) SHE - CAMPACH ON	x <u>10</u> FT. DEEP.				
DISPOSAL FACILITY: ON SHE - CAMPAGN OHOGO-11-4-9 CUBIC YA	ARDAGE:ZOO_				
LAND USE: RANGE LEASE: FED. LSE.	# SF - 080019				
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 160 FEET \$10°E FROM WELLHEAD. DEPTH TO GROUNDWATER: 750 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000					
DEPTH TO GROUNDWATER: 750 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: 71000					
NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM					
THE THE DESCRIPTION ARY TO SLIGHTLY MOIST, SILTY SAW TO SAME.					
BOTTOM ET CHATES TO SAMSTONE	BEDROCK, SLOPES -> NE.				
NO ODDE / STAIN.					
,					
	112				
FIELD 418.1 CALCULATIONS					
SAMPLE I.D. LAB No: WEIGHT (g) ML. FREON DILUTION READING	CALC. ppm				
NB @ 10' 1118 10.0 20.0 9	10				
SCALE					
O 10 20 FT OVM	IT PROFILE				
PIT PERIMETER RESULTS	IT PROFILE				
SAMPLE FIELD HEADSPACE PID (ppm) TO BLOW THE BLOW TO BLOW TO BLOW TO BLOW TO BLOW TO BLOW TO BLOW THE BLOW TO	LOOKING NORTH -				
N/ 2 ES @ 6' 1.5	-				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					
SALGIO 8.1	_				
9 9 2	[10']				
LAB SAMPLES	-				
3 SURFACE	_				
CANDIENT	_ _				
	- 				
	1100				
TRAVEL NOTES: Q-8-94 ONSITE: 9-8-99	1100				

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413 Phone: (505)632-1199 Fax: (505)632-3903

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Sample ID:

Project Location: Laboratory Number: Amoco

NB @ 10' A. L. Elliott E 1

TPH-1118

Project #:

Date Analyzed: Date Reported: 9-08-94 9-08-94

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	18	10

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg Duplicate TPH mg/kg % *Diff.

440

450

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste,

USEPA Storet No.4551, 1978

Comments:

Blow Pit - B0080

R. E. O'NORD Analyst Mekon Vels

^{*}Administrative Acceptance limits set at 30%.