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

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 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company		
Address: 200 Amoco Court, Farmington,	New Mexico 87401	
Facility Or: HEATH, W.D. 81		
Location: Unit or Qtr/Qtr Sec A Sec	1307 R 4M County SAN THAN	
Pit Type: Separator		
Land Type: BLM_X, State, Fee,	Other	
Pit Location: Pit dimensions: length Z1, width 14, depth 1Z, (Att) Opportunity, Reference: wellhead X, other Reference: wellhead X, other Footage from reference: 125 DEC 11 9 1996 Direction from reference: 58 Degrees East North X of X West South		
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)	
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)		
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):	

			-1 104
Date Remediation St	arted:		
Remediation Method:	Excavation \times	Approx. cubic yards	75
(Check all appropriate sections)	Landfarmed 🔀	Insitu Bioremediation	
	Other		
Remediation Location (ie. landfarmed onsite, name and location of offsite facility)		site	•
General Description	Of Remedial Action	:	
Excavation	on		
Ground Water Encoun	tered: No X	Yes Depth	
Ground water Endoun			
Final Pit: Closure Sampling:	Sample location _	see Attached Documents	
(if multiple samples, attach sample results	Comple depth	7'	
and diagram of sample locations and depths)	sample depen	sample time	0902
		•	
	Sample Results	6.004	
	Benzene(ppm)	_	
		pm) 8.395	
		ace(ppm) 1116	
	трн <u>740 рг</u>	- Committee of the comm	
Ground Water Sample	e: Yes No _>	(If yes, attach sample	e results)
OF MY KNOWLEDGE AND	HAT THE INFORMATION D BELIEF	ABOVE IS TRUE AND COMPL	ETE TO THE BEST
2/15/94	A	RIIN	Lan
SIGNATURE S	haw PRINTED AND TIT	NAME Buddy DS	Coordinator

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	C.D.C. ND: 1688
FIELD REPOR	RT: CLOSURE VERIFICATION	PAGE No: of
QUAD/UNIT: A SEC:	HOO, WELL #: B1 PIT: SEP NOTE: STATE OF THE PRINT CHTY: STATE OF THE PRINT CHTY CHTY: STATE OF THE PRINT CHTY CHTY CHTY CHTY CHTY CHTY.	DATE STARTED: 8/10/34 DATE FINISHED: 8/10/34 ENVIRONMENTAL SPECIALIST: NV
QTR/FOOTAGE: NEI4	NETH CONTRACTOR: MOSS	SPECIALIST: NO
SOIL REMEDIATION: EXCAVATION APPROX. 21 FT. x 14 FT. x 121 FT. DEEP. DISPOSAL FACILITY: LANDFARMED ON-SITE CUBIC YARDAGE: 75		DAGE:75
LAND USE:	RANGE LEASE: SF-076	337
	FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 125 FEET 1580 FROM WELLHEAD. DEPTH TO GROUNDWATER: 7100 NEAREST WATER SOURCE: 21000 NEAREST SURFACE WATER: 71000	
NMOCD RANKING SCORE:	NMOCD TPH CLOSURE STD: 5000 PPM	FORMATION: MV
SOIL AND EXCAVATION DESCRIPTION: STOEMALL MOSTLY DR. YELL. BROWN SAND, NO A - COHESIVE, SLIGHTLY MOIST, FIRM. STRONG ODOR IN NORTH SIDEWALL OUT SAMPLE. APPROX. AT 8 BELOW GROWND SURFACE HARD SHALE DBJGRVED. LT. MED. GRAY TO BLACK IN CÓLOR. NO APPARENT HE DOOR IN SHALE.		
SAMPLE	FIELD 418.1 CALCULATIONS D. LAB No: WEIGHT (g) ML. FREON DILUTION READING CAL	С. ррт
De 7'		40
SCALE		
o FT PIT PERIM	ETER N OVM RESULTS PIT	PROFILE
A O	SAMPLE FIELD HEADSPACE PID (FPRIT) 1 2 7 1/16 2 2 7 3 23 3 2 9 1 2.C. FROD.	ZI' A' IZ' AA' IZ' AALE
TRAVEL NOTES: CALLOUT	8(10/94 ONSITE: 8/10/94	

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:

Amoco

Project #:

Sample ID:

1 @ 7'

Date Analyzed:

8 - 10 - 94

Project Location:

Heath, W. D. B 1

Date Reported:

8-10-94

Laboratory Number:

TPH-1063

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	740	20

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample	Duplicate	%
TPH mg/kg	TPH mg/kg	*Diff.
		
5920	8160	27.45

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

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste,

USEPA Storet No.4551, 1978

Comments:

Separator Pit - B0045

Analyst

Review



AROMATIC VOLATILE ORGANICS

Attn:

Nelson Velez

Date:

8/11/94

Company: Blagg Engineering

Lab ID:

1688 2440

Address:

P. O. Box 87

Sample ID:

2-1000

City, State: Bloomfield, NM 87413

Job No.

Project Name:

Heath, W. D. B 1

Project Location:

1 @ 7' - Separator Pit

Date: Date:

8/10/94 8/11/94 Time:

9:02

Sampled by: Analyzed by: Sample Matrix: NV. DLA Soil

Aromatic Volatile Organics

Component	**Measured Concentration ug/kg	
Component		
Benzene ·	3.6	
Toluene	750	
Ethylbenzene	553	
m,p-Xylene	5,795	
o-Xylene	1,293	
	TOTAL 8,395 ug/kg	

ND - Not Detectable

** - Method Detection Limit, 2 ug/kg

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: Bill Valid Date: 8/11/94

FAX: (505) 327-1496 • 24 HR. – (505) 327-7105 • OFF.: (505) 325-8786

3005 NORTHRIDGE DRIVE - SUITE F - P. O. BOX 2606 - FARMINGTON, NEW MEXICO 87499