

3R - 8

REPORTS

DATE:

1994

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

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

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

OK

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company **Telephone:** (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility or: EATON A IE
Well Name

Location: Unit or Qtr/Qtr Sec B Sec 25 T 29N R 11W County SAN JUAN

Pit Type: Separator Dehydrator Other DRP.

Land Type: BLM , State , Fee , Other COM. AGMT.

Pit Location: Pit dimensions: length 40', width 30', depth 12'
(Attach diagram)

Reference: wellhead X, other _____

Footage from reference: 70

Direction from reference: 45 Degrees East North X
 West ^{of} 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) <u>20</u>
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) <u>20</u>	
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) <u>10</u>
RANKING SCORE (TOTAL POINTS):			<u>50</u>

Date Remediation Started: _____ Date Completed: 9-30-94

Remediation Method: Excavation X Approx. cubic yards 500

(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____

Other COMPOST

Remediation Location: Onsite _____ Offsite X @ GARCA B #1
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation

Ground Water Encountered: No _____ Yes X Depth 12'

Final Pit: Sample location see Attached Documents

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

Sample depth 8' soil

Sample date 9-30-94 Sample time _____

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) ND

TPH 18 ppm

Ground Water Sample: Yes X No _____ (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 10-5-94

SIGNATURE B. Shaw

PRINTED NAME AND TITLE

Buddy D. Shaw
ENVIRONMENTAL COORDINATOR

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80099</u> C.O.C. NO: <u>2054</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: <u>EATON A</u> WELL #: <u>1E</u> PIT: <u>DRIP</u>	DATE STARTED: <u>9-30-94</u>
QUAD/UNIT: <u>C SEC: 25 TWP: 29N RNG: 11W BM: NM CNTY: SJ ST: NM</u>	DATE FINISHED: _____
QTR/FOOTAGE: <u>NW/NE</u> CONTRACTOR: <u>PAUL + SONS</u>	ENVIRONMENTAL SPECIALIST: <u>REO</u>

SOIL REMEDIATION: EXCAVATION APPROX. 30 FT. x 40 FT. x 12 FT. DEEP.
 DISPOSAL FACILITY: GARCIA B #1 COMPOST CUBIC YARDAGE: 500
 LAND USE: AGRICULTURAL LEASE: — FEE

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 70 FEET N45°W FROM WELLHEAD.
 DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: <1000' NEAREST SURFACE WATER: <1000'
 NMOCD RANKING SCORE: 50 NMOCD TPH CLOSURE STD: 100 PPM

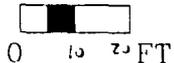
SOIL AND EXCAVATION DESCRIPTION: MOIST TO WET CLAYEY SILT. WATER IS FOAMY WITH EVIDENCE OF HYDROCARBON SHEEN? - SAMPLE RESULTS O.K.
 No odor or stain visible in soils.
 EVIDENCE OF IRRIGATION WATER FLOWING INTO PIT FROM SURFACE.

CLOSE PIT

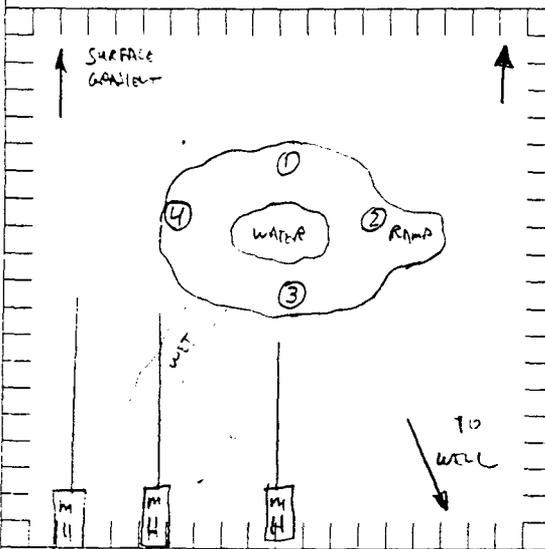
FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC. ppm
<u>NS @ 8'</u>	<u>1168</u>	<u>10.0</u>	<u>20.0</u>	<u>—</u>	<u>9</u>	<u>18</u>

SCALE



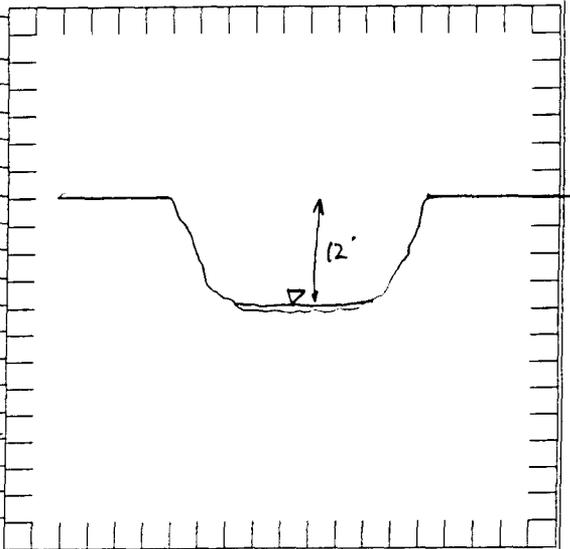
PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
<u>1 NS @ 8'</u>	<u>ND</u>
<u>2 ES @ 8'</u>	<u>ND</u>
<u>3 SS @ 8'</u>	<u>ND</u>
<u>4 WS @ 7'</u>	<u>ND</u>
<u>5</u>	
LAB SAMPLES	
<u>PIT WATER @ 12'</u>	<u>ATEX - OK</u>

PIT PROFILE



TRAVEL NOTES: CALLOUT: 9-29-94 ONSITE: 9-30-94 0725

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
Sample ID: N Side @ 8'
Project Location: Eaton A 1E
Laboratory Number: TPH-1168

Project #:
Date Analyzed: 9-30-94
Date Reported: 9-30-94
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.
	4,020	4,220	5

*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: Drip Pit - B0099

R. E. O'Neil
Analyst

J. C. Blagg
Review

OFF: (505) 325-8786



LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn: *R. E. O'Neill*
 Company: *Blagg Engineering*
 Address: *P.O. Box 87*
 City, State: *Bloomfield, NM 87413*

Date: *10/4/94*
 Lab ID: *2054*
 Sample ID: *3376*
 Job No. *2-1000*

Project Name: *Eaton A #1E*
 Project Location: *Pit Water @ 12' - Drip Pit*
 Sampled by: *REO* Date: *9/30/94*
 Analyzed by: *DLA* Date: *10/4/94*
 Sample Matrix: *Water*

Time: *7:50*

Aromatic Volatile Organics

<i>Component</i>	<i>Measured Concentration ug/L</i>	<i>Detection Limit Concentration ug/L</i>
<i>Benzene</i>	<i>ND</i>	<i>0.2</i>
<i>Toluene</i>	<i>1.1</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>ND</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>0.5</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>5.1</i>	<i>0.2</i>
	<i>TOTAL 6.8 ug/L</i>	

ND - Not Detectable

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

Approved by: *[Signature]*
 Date: *10/4/94*