

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

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

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE
DEPUTY OIL & GAS INSPECTOR

SEP 11 9 1996

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: ALLEN A1
Well Name
Location: Unit or Qtr/Qtr Sec D Sec 1 T 29N R 12W County SAN JUAN
Pit Type: Separator Dehydrator Other PRODUCTION TANK
Land Type: BLM , State , Fee , Other COM. AGMT.

Pit Location: Pit dimensions: length 16', width 16', depth 10'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 100'
Direction from reference: 67 Degrees X East North
of
 West South X

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 Points) 0
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points) 20
(Less than 200 feet from a private No (0 points)
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 11/5/94

Remediation Method: Excavation X Approx. cubic yards 60
 (Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____

Other BIOREMEDIATION BY EPC

Remediation Location: Onsite _____ Offsite X AMOCO COMPOST FACILITY
 (ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation - BEDROCK BOTTOM

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Closure Sampling:

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

Sample location see Attached Documents

Sample depth 5'

Sample date 11/4/95 Sample time 1220

Sample Results

Benzene (ppm) 0.0154

Total BTEX (ppm) 0.1317

Field headspace (ppm) 246.3

TPH 48 ppm

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 11/5/94

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>80202</u> C.O.C. NO: <u>2522</u>
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>ALLEN</u>	WELL #: <u>A1</u>	PIT: <u>PROD.</u>	DATE STARTED: <u>1/4/95</u>
QUAD/UNIT: <u>D</u> SEC: <u>1</u> TWP: <u>29N</u> RNG: <u>2W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>			DATE FINISHED: _____
QTR/FOOTAGE: <u>NW/4</u> <u>NW/4</u>		CONTRACTOR: <u>P. VELASQUEZ</u>	
			ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. 16 FT. x 16 FT. x 10 FT. DEEP. CUBIC YARDAGE: 60

DISPOSAL FACILITY: AMOCO COMPOST FACILITY REMEDIATION METHOD: BIOREMEDIATION

LAND USE: RANGE RESIDENTIAL LEASE: 91-00751 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 100 FT. SE FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: <1000' NEAREST SURFACE WATER: >1000'

NMCD RANKING SCORE 20 NMCD TPH CLOSURE STD: 100 PPM

CHECK ONE:
☐ PIT ABANDONED
☒ STEEL TANK INSTALLED

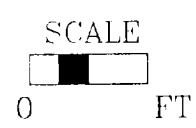
SOIL AND EXCAVATION DESCRIPTION:

mostlY mod. yell. brown sand, non-cohesive, slightly moist, firm, slight HC odor in south sidewall ovm sample & strong HC odor in bottom ovm sample.

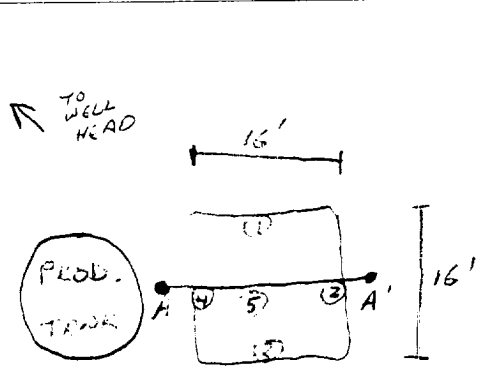
Bottom - sandstone hard -

FIELD 418: CALCULATIONS

TIME	SAMPLE I.D.	LAB No.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1220	③E5'	TPH-1344	5	20	1:1	12	48



PIT PERIMETER

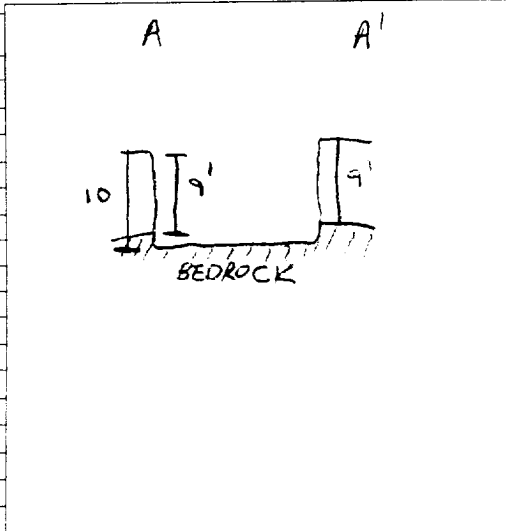


OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 E 6'	9.3
2 E 5'	0.0
3 E 5'	246.3
4 E 6'	28.5
5 E 10'	612

SAMPLE ID	ANALYSIS	TIME
③E5'	BTX	1220
PASSED		

PIT PROFILE



TRAVEL NOTES: CALLOUT: 1/3/95 ONSITE: 1/3/95

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: 3 @ 5'
Project Location: Allen A 1
Laboratory Number: TPH-1344

Project #:
Date Analyzed: 01-04-95
Date Reported: 01-04-95
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
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Total Recoverable Petroleum Hydrocarbons	48	20

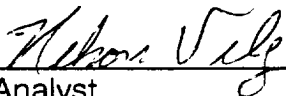
ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% * Diff.
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	512	472	8.13

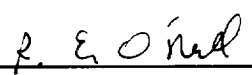
* Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total
Recoverable, Chemical Analysis of Water and Waste,
USEPA Storet No.4551, 1978

Comments: Production Tank Pit - B0202



Analyst



Review

OFF: (505) 325-8786



LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn: *Nelson Velez*
Company: *Blagg Engineering*
Address: *P.O. Box 87*
City, State: *Bloomfield, NM 87413*

Date: *1/5/95*
Lab ID: *2522*
Sample ID: *4609*
Job No. *2-1000*

Project Name: *Allen A 1*
Project Location: *3 @ 5' - Prod. Tank Pit*
Sampled by: *NV* Date: *1/4/95*
Analyzed by: *DLA* Date: *1/5/95*
Sample Matrix: *Soil*

Time: *12:20*

Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
<i>Benzene</i>	<i>15.4</i>	<i>0.2</i>
<i>Toluene</i>	<i>35.6</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>ND</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>46.5</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>34.2</i>	<i>0.2</i>
	<i>TOTAL 131.7 ug/kg</i>	

ND - Not Detectable

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

Approved by:

Date:

Ja L
1/5/95