

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

Approved
12/14/00
O/SON

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: PEARCE GC #1E
Well Name
Location: Unit or Qtr/Qtr sec T sec 23 T 29N R 11W county SAN JUAN
Pit Type: Separator Dehydrator Other BLOW
Land Type: BLM , State , Fee , Other FEE

Pit Location: Pit dimensions: length 35', width 40', depth 4'
(attach diagram) Reference: wellhead X, other
Footage from reference: 195'
Direction from reference: 23 Degrees X East North X
of
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) 20

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) 10

RANKING SCORE (TOTAL POINTS): 30

Date Remediation Started: _____ Date Completed: 12/9/93

Remediation Method: Excavation ☒ Approx. cubic yards 200
 (Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____
 Other _____

Remediation Location: Onsite ☒ Offsite _____
 (ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____
Excavation, GROUNDWATER IMPACT

Ground Water Encountered: No _____ Yes ☒ Depth 4'

Final Pit: Sample location see Attached Documents
 Closure Sampling: MULTIPLE SAMPLES
 (if multiple samples, attach sample results and diagram of sample locations and depths)
 Sample depth _____
 Sample date _____ Sample time _____
 Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) _____

TPH _____

Ground Water Sample: Yes ☒ 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 2/14/00 ⁹⁵

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

COC 3199

PROVIDED LAB RESULTS.

Did NOT Recommend closing Pit.

J.C. Block 11/23/93

94176

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140
PAGE No: 1 of 1

DATE STARTED: 11-17-93
DATE FINISHED: 11-17-93

ENVIRONMENTAL SPECIALIST: 2012

LAND USE:

SURFACE CONDITIONS: Open Range to SWAMP

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 50 YARDS NNE FROM WELLHEAD.

DEPTH TO GROUNDWATER: WATER IN PIT, approximately 2' below ground surface

NEAREST WATER SOURCE:
NEAREST SURFACE WATER:

- SAMPLED WATER IN PIT. - } LABELLED as "SEP PIT WATER"
- SUBMIT FOR BTEX TESTING - } COC # 3199

FIELD 4181 CALCULATIONS						
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

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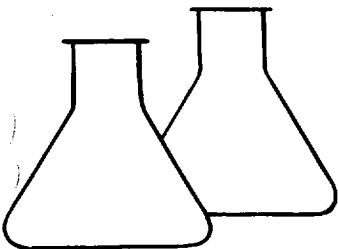
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FEET
PIT PERIMETER

OVM RESULTS

[illegible]

PIT PROFILE



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	<i>Blow</i> Sep Pit Water	Date Reported:	11-18-93
Laboratory Number:	6517	Date Sampled:	11-17-93
Sample Matrix:	Water	Date Received:	11-17-93
Preservative:	HgCl and Cool	Date Analyzed:	11-18-93
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
-----	-----	-----
Benzene	10.3	1.0
Toluene	36.6	2.5
Ethylbenzene	2.1	1.0
p,m-Xylene	396	2.5
o-Xylene	162	2.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Trifluorotoluene	100 %
	Bromofluorobenzene	97 %

Method: Method 5030A, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992

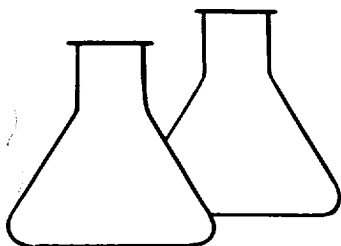
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: Pearce Gas Com 1E ^{*W*} ~~Separator~~ Pit C4176
Blow

Kevin L. Spencer
Analyst

Kevin D. Young
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	Pit Water (4')	Date Reported:	12-09-93
Laboratory Number:	6649	Date Sampled:	12-08-93
Sample Matrix:	Water	Date Received:	12-08-93
Preservative:	HgCl and Cool	Date Analyzed:	12-09-93
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	0.4	0.2
Toluene	2.2	0.6
Ethylbenzene	0.5	0.3
p,m-Xylene	8.4	0.4
o-Xylene	1.4	0.3

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	102 %

Method: Method 5030A, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: Pearce GC #1E Blow Pit C4177

Kevin L. Ciemer
Analyst

Tony Tristano
Review

CLIENT: AMOCOBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: C4176C.O.C. NO: 5640

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: PEARLE GC WELL #: 1E PITS: BLOWDATE STARTED: 12-4-97QUAD/UNIT: (J) SEC: 23 TWP: 29N RNG: 11W PM: NM CNTY: SS ST: NM

DATE FINISHED: _____

QTR/FOOTAGE: NW1/4 SE1/4CONTRACTOR: P & SENVIRONMENTAL
SPECIALIST: NV/EP

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 207LAND USE: PANTRYLIFT DEPTH (ft): NA

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000'NMOCB RANKING SCORE: 30 NMOCB TPH CLOSURE STD: 100 PPMSOIL IS A DRY DARK YELLOW W/LIGHT BROWN SILTY SAND.
NO STAIN OR HC ODOR

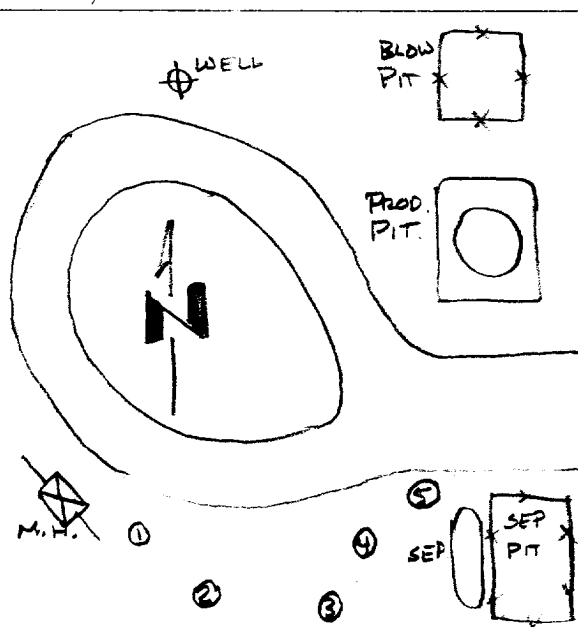
TOOK 5 PT COMPOSITE FOR LAB ANALYSIS

NO ACTUAL LANDFARM OBSERVED ON WELL SITE.

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	8015	0745	ND

SCALE

0 FT

TRAVEL NOTES:

CALLOUT: N/AONSITE: 12-4-97 0745

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

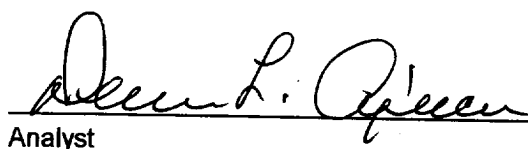
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	12-09-97
Laboratory Number:	C644	Date Sampled:	12-04-97
Chain of Custody No:	5640	Date Received:	12-05-97
Sample Matrix:	Soil	Date Extracted:	12-08-97
Preservative:	Cool	Date Analyzed:	12-08-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Pearce GC #1E Landfarm. 5 Pt. Composite.**


Analyst


Review

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