OK (4463)

District I
P.O. Box 1980, Hobbs, NM
District II
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

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1998
OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Well Name MADDOX GC A #1

Location: Unit or Qtr/Qtr Sec M Sec 27 T 29N R 10W County SAN JUAN

Pit Type: Separator ___ Dehydrator ___ Other Blow

Land Type: BLM ___, State ___, Fee X, Other ___

Pit Location: (Attach diagram)
Pit dimensions: length 30', width 10', depth 8'
Reference: wellhead X, other ___
Footage from reference: 50
Direction from reference: 90 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)	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)	20
	RANKING SCORE (TOTAL POINTS):	40

Date Remediation Started: _____ Date Completed: 4/6/94

Remediation Method: (Check all appropriate sections) Excavation X Approx. cubic yards 89

Landfarmed X Insitu Bioremediation ___

Other _____

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

General Description Of Remedial Action: Excavation

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 9' (Pit Bottom)

Sample date 4/6/94 Sample time 1054

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 24

TPH 70 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 4/25/94

SIGNATURE B J Shaw

PRINTED NAME AND TITLE Buddy D. Shaw Environmental Coordinator

CLOSE

RESULTS TO BOB McCOY 4-11-94. TPH = 70 ppm

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615

PIT NO: C4963 NEW
C.O.C. NO: 3490

JOB No: 92140
PAGE No: 1 of 1

FIELD REPORT: CLOSURE VERIFICATION

LOCATION: LEASE: MADDOX GC "A" WELL #: 1 QD: SW/4 SW/4 (M)
SEC: 27 TWP: 29N RNG: 10W BM: NM CNTY: SJ ST: NM PIT: BLOW
CONTRACTOR: PAUL VELASQUEZ
EQUIPMENT USED: EXCAVATOR

DATE STARTED: 4-6-94
DATE FINISHED: 4-6-94
ENVIRONMENTAL SPECIALIST: REO

SOIL REMEDIATION: QUANTITY: PIT ~ 10' x 30' x 8' DEEP
DISPOSAL FACILITY: ON SITE
LAND USE: FARMING
SURFACE CONDITIONS: EXCAVATED PRIOR TO ARRIVAL

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 50 FEET WEST FROM WELLHEAD.
NO USUAL CONTAMINATION REMAINING - NO ODOR.
IRRIGATION DITCH 100' TO NORTH.

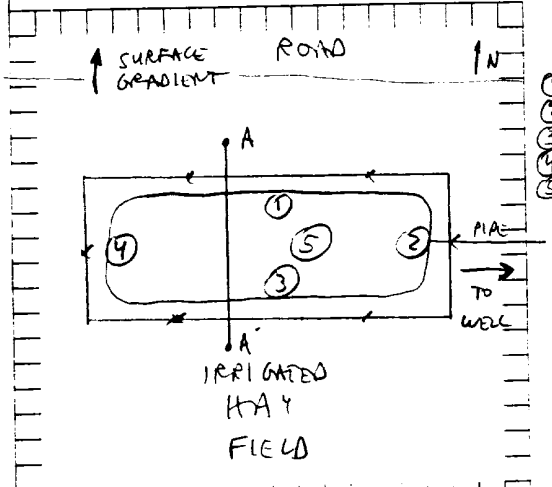
FIELD 418.1 CALCULATIONS

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

DEPTH TO GROUNDWATER: UNKNOWN ~ < 50'
NEAREST WATER SOURCE: 100' NORTH
NEAREST SURFACE WATER: "
NMOCD RANKING SCORE: >20
NMOCD TPH CLOSURE STD: 100 PPM NPH

SCALE
0 5 10 FEET

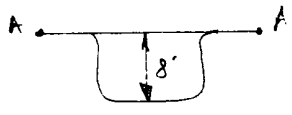
PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
① NS@5'	2.5
② ES@4'	2.5
③ SS@5'	2.1
④ WS@6'	2.1
⑤ C@9'	24.0
LAB	
⑤ 418.1	

PIT PROFILE



TRAVEL NOTES: CALLOUT: 4-6-94 ONSITE: 4-6-94 1030

N

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

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Amoco	Project #:	92140
Sample ID:	5 CB @ 9'	Date Sampled:	04-06-94
Laboratory Number:	7155	Date Received:	04-06-94
Sample Matrix:	Soil	Date Analyzed:	04-08-94
Preservative:	Cool	Date Reported:	04-08-94
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	70	20.0

ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: Maddox GC "A" #1 Blow Pit C4963

Tony Tristano
Analyst

Review

3490

CHAIN OF CUSTODY RECORD

C4963

Client/Project Name	Project Location	ANALYSIS/PARAMETERS
AMOCO # 92140	MADDOX GC "A" #1 Blow PIT	
Sampler: (Signature) R. E. O'Neill	Chain of Custody Tape No.	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	418.1						Remarks
(5) CB @ 9"	4-6-94	1054	7155	SOIL	1	✓						RUSH

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
R. E. O'Neill	4-6-94	1329	Tony Trujillo	4/6/94	1329
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

san juan repro Form 578-81

CLIENT: AMOCO

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: C4963
C.O.C. NO: 5627

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION NAME: MADDOX GC A WELL #: 1 PITS: BLOW
QUAD/UNIT: (M) SEC: 27 TWP: 29N RNG: 10W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: SW/4 SW/4 CONTRACTOR: P&S

DATE STARTED: 11-25-97
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NW/EP

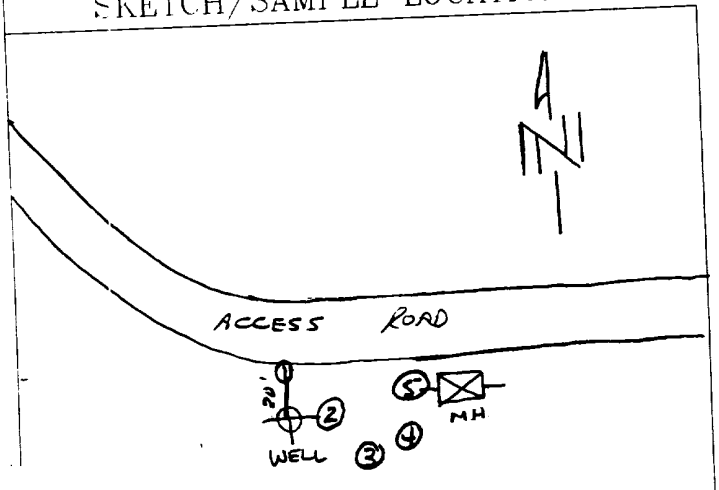
SOIL REMEDIATION:
REMEDIATION SYSTEM: LANDFARM
LAND USE: RANGE
APPROX. CUBIC YARDAGE: 89
LIFT DEPTH (ft): NA

FIELD NOTES & REMARKS:
DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <200'
NMOCD RANKING SCORE: 40 NMOCD TPH CLOSURE STD: 100 PPM
SOIL IS A DARK YELLOW WITH LIGHT BROWN SILTY SAND. SLIGHTLY MOIST
NO STAIN OR HC ODOR.
TOOK 5 PT COMPOSITE OF LOCATION 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

SAMPLE ID	FIELD HEADSPACE PID (ppm)
LF-1	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	8015	1015	ND

SCALE
0 FT

TRAVEL NOTES: CALLOUT: N/A ONSITE: 11-25-97 1015

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:	12-03-97
Laboratory Number:	C599	Date Sampled:	11-25-97
Chain of Custody No:	5627	Date Received:	11-26-97
Sample Matrix:	Soil	Date Extracted:	11-26-97
Preservative:	Cool	Date Analyzed:	12-01-97
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: **Maddox GC A #1 Landfarm. 5 Pt. Composite.**

Analyst

Review

5796 U.S. Highway 64-3014 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

5627

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSIS/PARAMETERS
BLAGG/ Amoco	LANDFARM MA000X GC A#1	
Sampler: (Signature)	Chain of Custody Tape No.	
	04034-10	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH (8015)						Remarks
												PRESERV. - COOL
LF-1	11/25/97	1015	C599	SOIL	1	✓						5 PT. COMPOSITE
				SAMPLE RECEIVED COOL & INTACT DLH								

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/26/97	0700		11/26/97	0700
Relinquished by: (Signature)	11/26/97	0944	Received by: (Signature)	11-26-97	0944
Relinquished by: (Signature)			Received by: (Signature)		

Ref COC's 5614 → 5628

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615