

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

100 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 87504-2088SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICERECEIVED
OCT - 7 1999
OIL CON. DIV.**PIT REMEDIATION AND CLOSURE REPORT**Operator: Amoco Production Company Telephone: (505) - 326-9200Address: 200 Amoco Court, Farmington, New Mexico 87401Facility Or: BLACK GC * IE
Well NameLocation: Unit or Qtr/Qtr Sec G Sec 29 T 29N R 10W County SAN JUANPit Type: Separator Dehydrator Other BLOWLand Type: BLM , State , Fee X, Other Pit Location: Pit dimensions: length 45', width 45', depth 8'
Attach diagram)Reference: wellhead X, other Footage from reference: 140'Direction from reference: 45 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) 0RANKING SCORE (TOTAL POINTS): 20

C4247

Blow PIT

Date Remediation Started: _____ Date Completed: 4/4/94Remediation Method: Excavation X
(Check all appropriate sections)Approx. cubic yards 600Landfarmed X

Insitu Bioremediation _____

Other _____

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

General Description Of Remedial Action: _____

Excavation

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Sample location see Attached Documents

Closure Sampling:

(if multiple samples,
attach sample results
and diagram of sample
locations and depths)Sample depth 6' (SOUTH SIDEWALK)Sample date 4/4/94Sample time 1245

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 89TPH NDGround 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 BELIEFDATE 4/25/94

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
Environmental Coordinator

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

Remediation Method: Excavation ☒ Approx. cubic yards 600
 (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

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit:

Sample location see Attached Documents

Closure Sampling:

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

Sample depth 6' (SOUTH SIDEWALK)

Sample date 4/4/94 Sample time 1215

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 89

TPH ND

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 4/25/94

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

RESULTS TO Doc McLOY 4-11-99

T_{PH} = ND

CLOSE

ENVIROTECH Inc.

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

PIT NO: C4247

O.D.C. NO: 3481

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 42140
PAGE No: 1 of 1LOCATION LEASE BLACK GC WELL # 1E QD. SW/4 NE/4 (G)
SEC 29 TWP. 29N RNG. 10W BM. NM CNTY. ES ST NM PIT. BLOW
CONTRACTOR: PAUL VELAZQUEZ
EQUIPMENT USED: EXCAVATORDATE STARTED: 4-4-99
DATE FINISHED: 4-4-99ENVIRONMENTAL
SPECIALIST: REGSOIL REMEDIATION: QUANTITY: PIT ~ 45' x 45' x 8' DEEP
DISPOSAL FACILITY: ON SITE
LAND USE: RANGE
SURFACE CONDITIONS: EXCAVATED PRIOR TO ARRIVALFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 140 FEET NE FROM WELLHEAD.NOTE: ENVIROTECH ASSESSMENT DONE 6-4-92 INDICATED NO CONTAMINATION IN
TEST HOLE dug TO 16' AT PIT CENTER.

MOIST, SILTY, SAND - NO ODOOR OR STAIN.

FIELD 418.1 CALCULATIONS

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

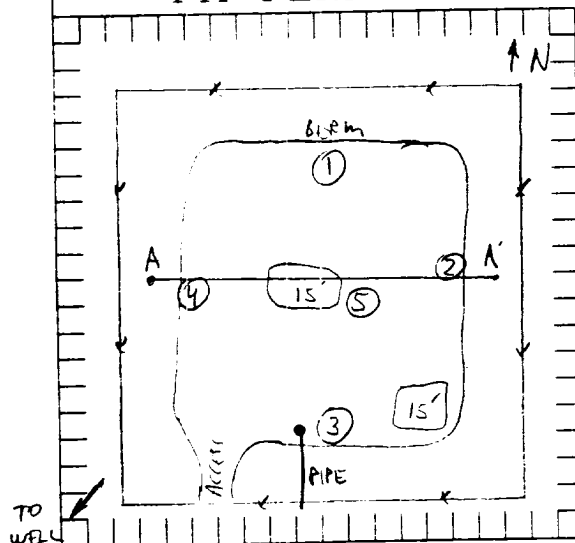
DEPTH TO GROUNDWATER: UNKNOWN ~ 250'
NEAREST WATER SOURCE: > 1000'
NEAREST SURFACE WATER: SAN JUAN RIVER ~
UNDEE FLOWING SCORE - 1500' NORTH
UNDEE TR. CLOSURE STD - 1000

SCALE



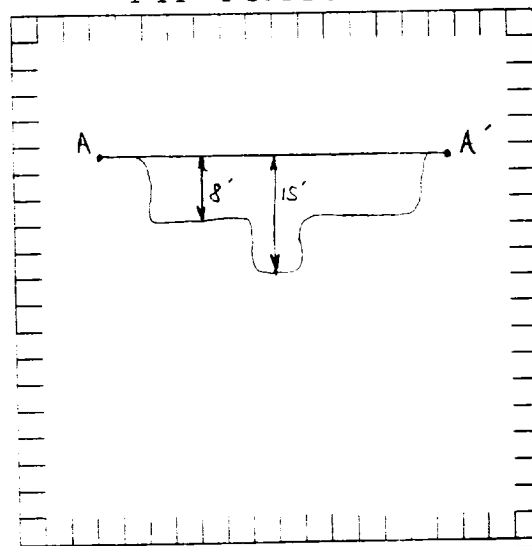
0 10 20 FEET

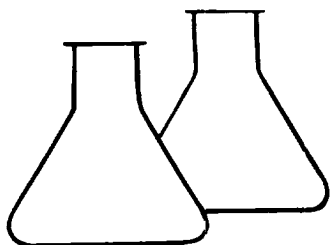
PIT PERIMETER

OVM
RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
① NS@6'	1.8
② ES@5'	1.8
③ SS@6'	89
④ WS@4'	18.6
⑤ CS@8'	3.1
LAB	
③	418.1

PIT PROFILE

TRAVEL NOTES CALLOUT: 4-1-99 ONSITE: 4-4-99 1150 HPS



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:	3 SS @ 6'	Date Sampled:	04-04-94
Laboratory Number:	7149	Date Received:	04-04-94
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	ND	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: Black GC #1E C4247

Tony Tristano
Analyst

Marin D. Young
Review

CLIENT: AMOCOBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: C4247C.O.C. NO: 5653

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: BLACK GC WELL #: 1E PITS: BLOW
QUAD/UNIT: (G) SEC: 29 TWP: 29N RNG: 10W PM: NM CNTY: SS ST: NM
DTE/FOOTAGE: SW/4 NE/4 CONTRACTOR: P+SDATE STARTED: 12.13.97

DATE FINISHED: _____

ENVIRONMENTAL
SPECIALIST: NV/EP

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 600LAND USE: RANGELIFT DEPTH (ft): N/A

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOC/D RAINING SCOPE: 20 NMOC/D TPH CLOSURE STD: 100 PPM

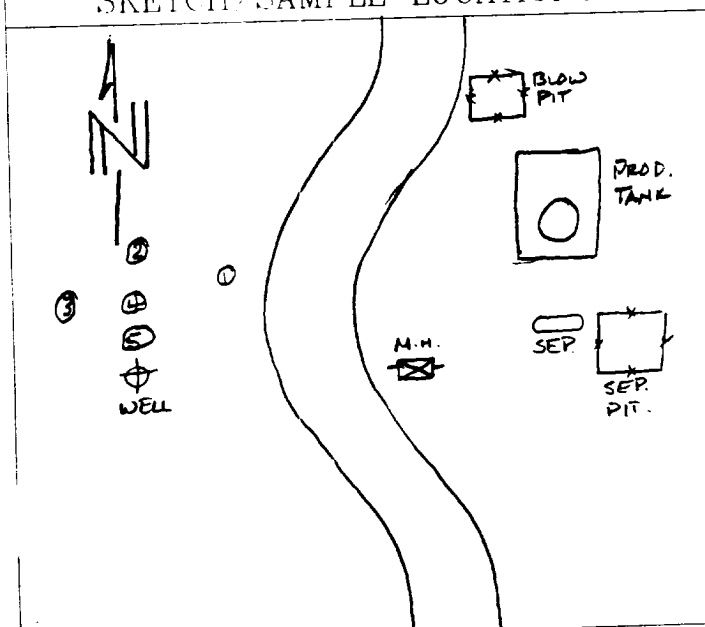
SOIL IS A DRY LIGHT GRAY W/ SILTY SAND. NON COHESIVE
NO STAIN OR HC ODOR. NO VISIBLE LANDFARM ON LOCATION
TOOK 5 PT. COMPOSITE SAMPLE FOR LAB. ANALYSIS.

UNCERTAIN IF AREA SAMPLED IS REMEDIATED SOIL.

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	0.6	LF-1	8015	0850	ND

SCALE



0 FT

TRAVEL NOTES:

CALL OUT: N/AONSITE: 12.13.97 0850

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

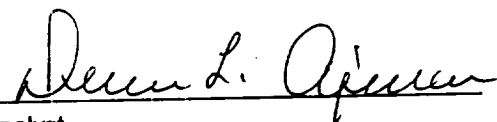
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	12-16-97
Laboratory Number:	C696	Date Sampled:	12-13-97
Chain of Custody No:	5653	Date Received:	12-15-97
Sample Matrix:	Soil	Date Extracted:	12-15-97
Preservative:	Cool	Date Analyzed:	12-16-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

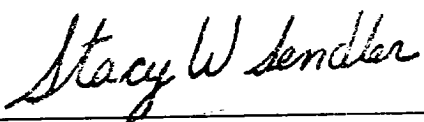
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Black GC #1E Landfarm. 5 Pt. Composite.**


Analyst


Review

[illegible]