

District I  
 P.O. Box 1980, Hobbs, NM  
 District II  
 P.O. Drawer DD, Artesia, NM 88211  
 District III  
 Brazos Rd, Aztec, NM 87410

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Comp - OK R0084

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

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

RECEIVED  
 OCT 7 1994

**PIT REMEDIATION AND CLOSURE REPORT**

OIL CON. DIV  
 DIST. 3

Operator: Amoco Production Company Telephone: (505) - 326-9200  
 Address: 200 Amoco Court, Farmington, New Mexico 87401  
 Facility Or: JC Gordon E #1  
 Well Name  
 Location: Unit or Qtr/Qtr Sec K Sec 23 T 27N R 10W County San Juan  
 Pit Type: Separator  Dehydrator  Other Comp.  
 Land Type: BLM , State , Fee , Other

Pit Location: Pit dimensions: length 8, width 8, depth 7  
 (attach diagram)  
 Reference: wellhead , other   
 Footage from reference: 100  
 Direction from reference: \_\_\_\_\_ Degrees \_\_\_\_\_ East North \_\_\_\_\_  
 of  
 \_\_\_\_\_ West South

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

Wellhead Protection Area: Yes (20 points)  
 (Less than 200 feet from a private No (0 points) 0  
 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: 22 July 1994

Remediation Method: Excavation  (Check all appropriate sections) Landfarmed  Other \_\_\_\_\_  
Approx. cubic yards 17 Insitu Bioremediation \_\_\_\_\_

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: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)  
Sample location see Attached Documents  
Sample depth 7'  
Sample date 22 July 1994 Sample time 1300

Sample Results  
Benzene(ppm) \_\_\_\_\_  
Total BTEX(ppm) \_\_\_\_\_  
Field headspace(ppm) 7.2  
TPH 4755 ppm

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 22 July 1994

SIGNATURE B. Shaw

PRINTED NAME AND TITLE

Buddy D. Shaw  
Environmental Coordinator

CLIENT: Amco ENVIROTECH Inc. PIT No: A0084  
 5796 US HWY. 64, FARMINGTON, NM 87401 C.E.C. No: 3811  
 (505) 632-0615

FIELD REPORT: CLOSURE VERIFICATION JOB No: 92140  
 PAGE No: 1 of 1

LOCATION: NAME: JC Gordon E WELL #: 1 PIT: Comp. DATE STARTED: \_\_\_\_\_  
 QUAD/UNIT: K SEC: 23 TWP: 27N RNG: 10W BM: NM CNTY: SJ ST: NM DATE FINISHED: 22 Jul 94  
 QTR/FOOTAGE: NE/4 SW/4 CONTRACTOR: EPL ENVIRONMENTAL SPECIALIST: FM

SOIL REMEDIATION: EXCAVATION APPROX. 8 FT. x 8 FT. x 7 FT. DEEP.  
 DISPOSAL FACILITY: LAND FARM - ON SITE CUBIC YARDAGE: 17  
 LAND USE: Range - BLM LEASE: SF-077952

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 100 FEET S FROM WELLHEAD.  
 DEPTH TO GROUNDWATER: 7100' g.u. NEAREST WATER SOURCE: 71000 NEAREST SURFACE WATER: 71000  
 NMOCB RANKING SCORE: 70 NMOCB TPH CLOSURE STD: 5000 g.u.

SOIL AND EXCAVATION DESCRIPTION:  
Soil is yellow-brown, slightly moist silty sand

(CLOSED)

FIELD 418.1 CALCULATIONS

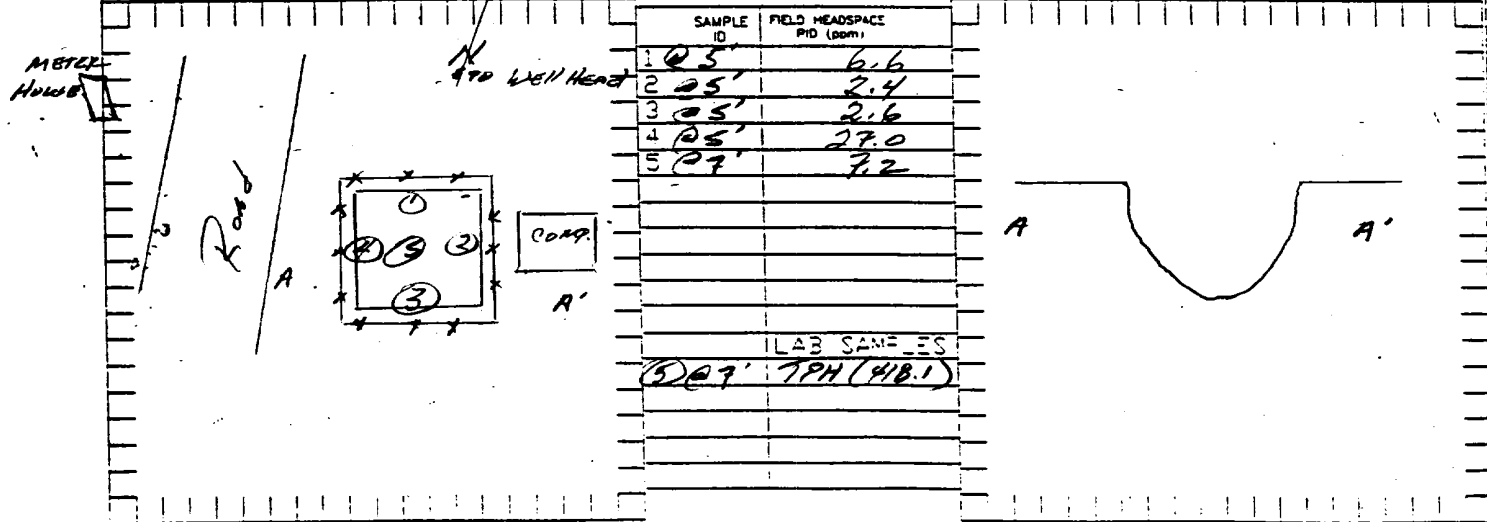
SAMPLE I.D.	LAB No:	WEIGHT (g)	ml. FREON DILUTION	READING	CALC. ppm



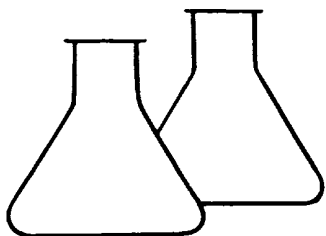
PIT PERIMETER

OVM RESULTS

PIT PROFILE



TRAVEL NOTES: \_\_\_\_\_ DATE: \_\_\_\_\_



# 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:	507'	Date Sampled:	07-22-94
Laboratory Number:	7740	Date Received:	07-22-94
Sample Matrix:	Soil	Date Analyzed:	07-29-94
Preservative:	Cool	Date Reported:	08-01-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
----- Total Petroleum Hydrocarbons	4755	30.0

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: JC Gordon E#1 Comp Pit A0084

Ree Griffin  
Analyst

Marie D Young  
Review



CLIENT: <u>Amoco</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>A0084</u> C.D.C. NO: <u>ANIMAS</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: <u>J. C. GORDON E1</u>	LEASE: <u>SF-077952</u>	DATE STARTED: <u>2-23-95</u>
QUAD/UNIT: <u>K SEC. 23 TWP: 27N RNG: 10W BM: NM CNTY: SJ ST: NM</u>		DATE FINISHED: <u>4-22-96</u>
QTR/FOOTAGE: <u>NE/SW</u>	CONTRACTOR: <u>EPC</u>	ENVIRONMENTAL SPECIALIST: <u>REJ</u>

SOIL REMEDIATION: 91 + 407 + 59 + 33 =

REMEDIATION SYSTEM: Composted APPROX. CUBIC YARDAGE: 590

LAND USE: RANGE

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: 750' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMDCD RANKING SCORE: 10 NMDCD TPH CLOSURE STD: 1000 PPM

SOIL MOVED INTO BERMS ON LOCATION EDGE + PILE ON LOCATION, COMPOSITE SAMPLE COLLECTED.

GORDON C1

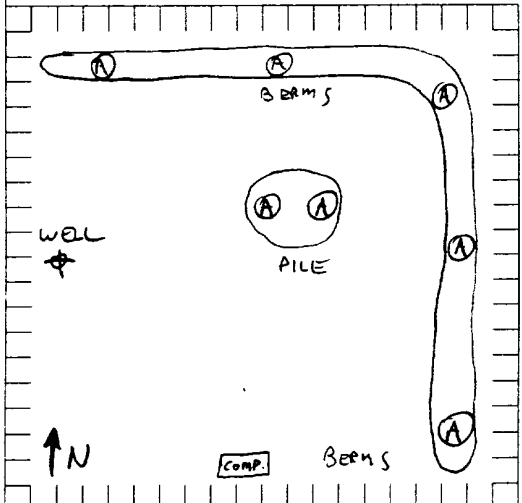
LOCATION CONTAINS SOIL FROM GORDON A3 + GORDON C2

CLOSE C.A.

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS

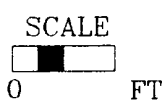


OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
4/22 Comp. A	1

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME	RESULTS
Comp. A	8015	0950	61.8



TRAVEL NOTES: CALLOUT: \_\_\_\_\_ ONSITE: 4-22-96 0940

**TOTAL VOLATILE PETROLEUM HYDROCARBONS**  
**Gasoline Range Organics**

**Blagg Engineering, Inc.**

Project ID: J.C. Gordon E1  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Intact

Report Date: 05/09/96  
Date Sampled: 04/22/96  
Date Received: 04/22/96  
Date Extracted: 04/30/96  
Date Analyzed: 04/30/96

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Comp. A	3201	ND	14.8

ND- Analyte not detected at the stated detection limit.

**Quality Control:**                      Surrogate                      % Recovery                      Acceptance Limits  
   Trifluorotoluene                      95%                      50 - 150%

**Reference:**                      Method for the Determination of Gasoline Range Organics,  
   State of Tennessee, Department of Environment and Conservation, Division  
   of Underground Storage Tanks.

**Comments:**

  
Analyst

  
Review

