

DISTRICT I

P.O. Box 1980, Hobbs, NM

DISTRICT II

P.O. Box 1980, Hobbs, NM

DISTRICT III

P.O. Box 1980, Hobbs, NM

DISTRICT IV

P.O. Box 1980, Hobbs, NM

DISTRICT V

P.O. Box 1980, Hobbs, NM

DISTRICT VI

P.O. Box 1980, Hobbs, NM

DISTRICT VII

P.O. Box 1980, Hobbs, NM

DISTRICT VIII

P.O. Box 1980, Hobbs, NM

DISTRICT IX

P.O. Box 1980, Hobbs, NM

DISTRICT X

P.O. Box 1980, Hobbs, NM

DISTRICT XI

P.O. Box 1980, Hobbs, NM

DISTRICT XII

P.O. Box 1980, Hobbs, NM

DISTRICT XIII

P.O. Box 1980, Hobbs, NM

DISTRICT XIV

P.O. Box 1980, Hobbs, NM

DISTRICT XV

P.O. Box 1980, Hobbs, NM

DISTRICT XVI

P.O. Box 1980, Hobbs, NM

DISTRICT XVII

P.O. Box 1980, Hobbs, NM

DISTRICT XVIII

P.O. Box 1980, Hobbs, NM

DISTRICT XIX

P.O. Box 1980, Hobbs, NM

DISTRICT XX

P.O. Box 1980, Hobbs, NM

DISTRICT XXI

P.O. Box 1980, Hobbs, NM

DISTRICT XXII

P.O. Box 1980, Hobbs, NM

DISTRICT XXIII

P.O. Box 1980, Hobbs, NM

DISTRICT XXIV

P.O. Box 1980, Hobbs, NM

DISTRICT XXV

P.O. Box 1980, Hobbs, NM

DISTRICT XXVI

P.O. Box 1980, Hobbs, NM

DISTRICT XXVII

P.O. Box 1980, Hobbs, NM

DISTRICT XXVIII

P.O. Box 1980, Hobbs, NM

DISTRICT XXIX

P.O. Box 1980, Hobbs, NM

DISTRICT XXX

P.O. Box 1980, Hobbs, NM

DISTRICT XXXI

P.O. Box 1980, Hobbs, NM

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

FEB 0 6

97

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: LACKEY B LS # 13E

Well Name

Location: Unit or Qtr/Qtr Sec C Sec 20 T28N R 9W County SAN JUAN

Pit Type: Separator Dehydrator Other Blow

Land Type: BLM X, State, Fee, Other

Pit Location: Pit dimensions: length 10', width 13', depth 6'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 75'

Direction from reference: 30 Degrees X East North
of
West South X

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) 0

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):

10

Date Remediation Started: _____ Date Completed: 5/4/94

Remediation Method: Excavation X Approx. cubic yards 30
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other COMPOSTED

Remediation Location: Onsite _____ Offsite X LACKEY B LS #15E
(ie. landfarmed onsite, name and location of offsite facility)

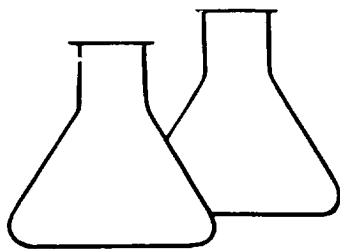
General Description Of Remedial Action: _____

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 REFER TO "CLOSURE VERIFICATION" SHEET
Sample depth 6'
Sample date 5-4-94 Sample time _____
Sample Results
Benzene(ppm) _____
Total BTEX(ppm) _____
Field headspace(ppm) 99
TPH 431 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 5/6/94
SIGNATURE B. Shaw PRINTED NAME AND TITLE Buddy D. Shaw Environmental Coordinator



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

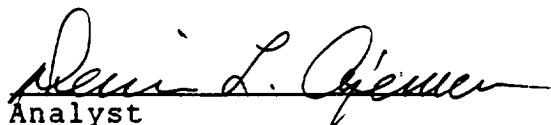
Client:	Amoco	Project #:	92140
Sample ID:	5 @ 6'	Date Sampled:	05-04-94
Laboratory Number:	7351	Date Received:	05-05-94
Sample Matrix:	Soil	Date Analyzed:	05-09-94
Preservative:	Cool	Date Reported:	05-09-94
Condition:	Cool and Intact	Analysis Needed:	TPH

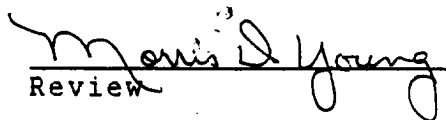
Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	431	10.0

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: Lackey B LS #13E Blow Pit C4985


Analyst


Review

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

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: LACKEY B LS #13E
Well Name

Location: Unit or Qtr/Qtr Sec C Sec 20 T 28N R 9W County SAN JUAN

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒, State ☐, Fee ☐, Other ☐

Pit Location: Pit dimensions: length 20', width 20', depth 8'
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 40'

Direction from reference: 30 Degrees ☒ East North ☒
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)	<u>0</u>

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)	<u>0</u>

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)	<u>10</u>

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: _____

Date Completed: 5/4/94

Remediation Method: Excavation ☒
(Check all appropriate sections)

Approx. cubic yards 120

Landfarmed _____

Insitu Bioremediation _____

Other COMPOSTED

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

Onsite _____ Offsite ☒

LACKEY B LS #15E

General Description Of Remedial Action: _____

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 REFER TO "CLOSURE VERIFICATION" SHEET

Sample depth 9'

Sample date 5-4-94

Sample time _____

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 18

TPH 117 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 5/6/94

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

C.D.C. NO: 3565

PAGE No: 1 of 1

ENVIRONMENTAL SPECIALIST: NJ

LAND USE: RANGE - BLM

SOIL AND EXCAVATION DESCRIPTION: dark yellow brown sand w/ some silt, moist, slightly cohesive, non-plastic

FIELD 418.1 CALCULATIONS

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

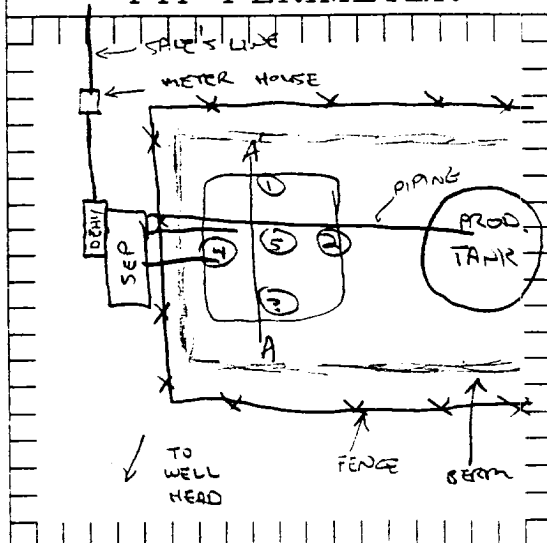
--	--	--

0

FEET

PIT PERIMETER

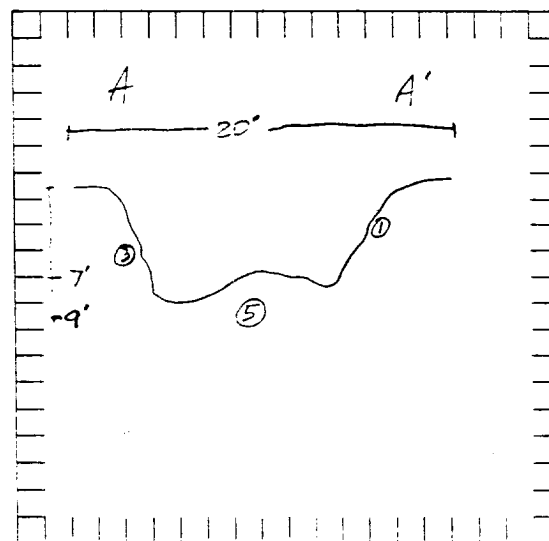
↑ N



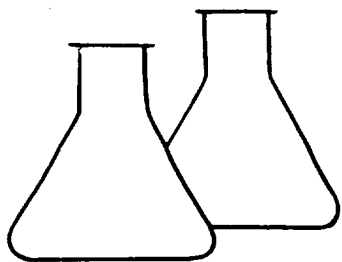
OVM RESULTS

[illegible]

PIT PROFILE



ONSITE: 5/4/94 - WJD



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

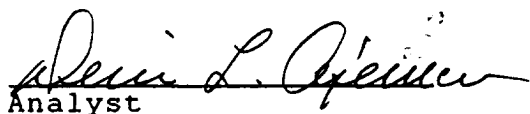
Client:	Amoco	Project #:	92140
Sample ID:	5 @ 9'	Date Sampled:	05-04-94
Laboratory Number:	7350	Date Received:	05-05-94
Sample Matrix:	Soil	Date Analyzed:	05-09-94
Preservative:	Cool	Date Reported:	05-09-94
Condition:	Cool and Intact	Analysis Needed:	TPH

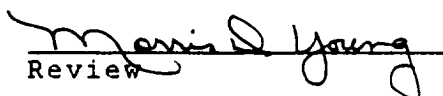
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	117	10.0

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: Lackey B LS #13E Separator Pit C4984


Analyst


Review