

District I

P.O. Box 1980, Hobbs, NM

District II
P.O. Drawer DD, Aztec, NM 88211

DEPUTY OIL & GAS INSPECTOR

1000 Rio Brazos Rd. Aztec, NM 87410

JAN 11 3 47

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
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

Approved

A0006

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Michener A LS 6
Well Name

Location: Unit or Qtr/Qtr Sec H Sec 31 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 21'
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 180

Direction from reference: 60 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) 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) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____

Date Completed: 5/13/94

Remediation Method: Excavation ☒
(Check all appropriate sections)

Landfarmed ☒

Approx. cubic yards 311

Insitu Bioremediation _____

Other _____

Remediation Location:

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

Onsite ☒ Offsite _____

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 18'

Sample date 5/13/94

Sample time 845

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) 9.39

Field headspace(ppm) 815

TPH 830 @ 21'

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 5/24/94

SIGNATURE

Buddy D. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw

Leix = SF-977107 elev: 6040

PIT NO: A 0006

C.O.C. NO: 3621

JOB No: 92140

PAGE No: 1 of 1

DATE STARTED:

DATE FINISHED: 5/13/95

ENVIRONMENTAL
SPECIALIST: CLK

CONTRACTOR: EPC

SOIL REMEDIATION: EXCAVATION APPROX. 20 FT. x 20 FT. x 21 FT. DEEP.

DISPOSAL FACILITY: *land farmed on-site*

LAND USE: Forest

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 180 FEET S 60 E FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100 NEAREST SURFACE WATER: >1000 NEAREST WATER SOURCE: >1000

NMOC Ranking Score: 0 NMOC TPH Closure Std: 5000 ppm

SOIL AND EXCAVATION DESCRIPTION:

AND EXCAVATION DESCRIPTION:
dark gray to black sand; moist; slightly cohesive; non-plastic; odor
excavation did not continue to the south to preserve the integrity of the prod. tank

soil sample collected for TPH (418.1) = 5 @ 21' time = 8⁴⁵; for BTEX (8020) =

FIELD 418.1 CALCULATIONS

② 18'

time: 245

fine 245

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

SCALE

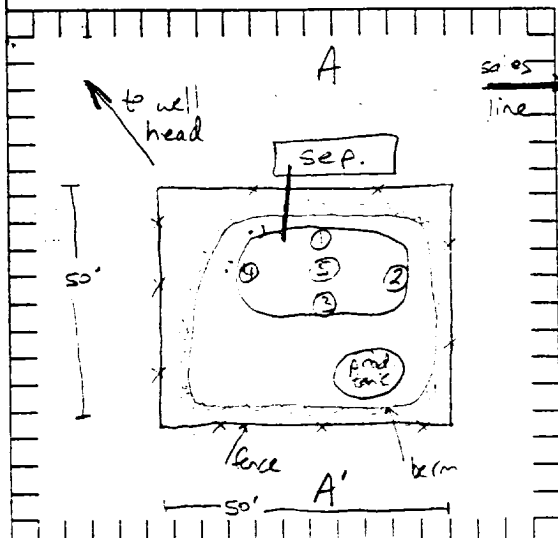
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FEET

PIT PERIMETER

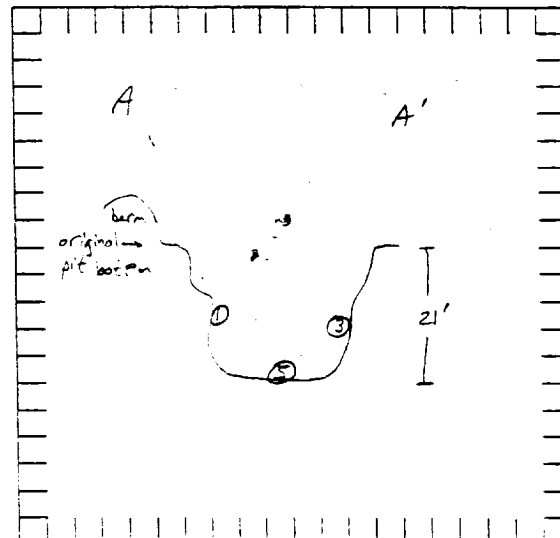
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OVM RESULTS

[illegible]

PIT PROFILE



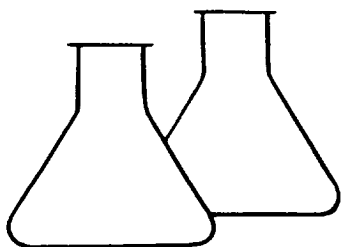
TRAVEL NOTES:

CALL OUT:

5. 2/7 :

CNS: 47

1971



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 @ 21'	Date Sampled:	05-13-94
Laboratory Number:	7417	Date Received:	05-13-94
Sample Matrix:	Soil	Date Analyzed:	05-20-94
Preservative:	Cool	Date Reported:	05-20-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	830	15.0

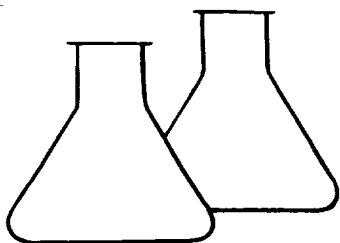
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: Michener A LS 6 Sep Pit C0006

Tony Tristano
Analyst

Marisa 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:	2 @ 18'	Date Reported:	05-17-94
Laboratory Number:	7418	Date Sampled:	05-13-94
Sample Matrix:	Soil	Date Received:	05-13-94
Preservative:	Cool	Date Extracted:	05-16-94
Condition:	Cool & Intact	Date Analyzed:	05-16-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
-----	-----	-----
Benzene	ND	20.0
Toluene	315	50.0
Ethylbenzene	295	20.0
p,m-Xylene	6,800	30.0
o-Xylene	1,980	20.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Trifluorotoluene	92 %
	Bromofluorobenzene	97 %

Method: Method 5030, 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: Michener A LS 6 Separator Fit A0006

Shawn L. Michener
Analyst

Marissa D. Young
Review