

SURFACE I
O Box 1980, Hobbs, NM

SURFACE II
O Drive, Hobbs, NM 78201

SURFACE III
DEPUTY OIL & GAS INSPECTOR
000 Rio Brazos Rd. Aztec, NM 87410

JAN 13 97

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

40063

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility or: Gage 3
Well Name _____
Location: Unit or Qtr/Qtr Sec E Sec 20 T 30N R 10W County San Juan
Pit Type: Separator ☒ Dehydrator _____ Other _____
Land Type: BLM ☒ State _____ Fee _____ Other COM. AGMT.

Pit Location: Pit dimensions: length 18', width 16', depth 12'
(Attach diagram) Reference: wellhead ☒ other _____
Footage from reference: 5
Direction from reference: 45 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: 6/22/94

Remediation Method: Excavation ☒ Approx. cubic yards 128
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite taken to same lease #
(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 13'
Sample date 6/22/94 Sample time 830
Sample Results

Benzene(ppm) 1.14
Total BTEX(ppm) 49.81
Field headspace(ppm) 541
TPH 16,300 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 6/24/94

SIGNATURE B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

called Earl w/results 7/11/94

CLIENT: Amoco

ENVIROTECH Inc.

PIT NO: A0063

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

JOB NO: 3762

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: Gage WELL #: #3 PIT: SEP
QUAD/UNIT: E SEC: 20 TWP: 30N RNG: 10W BM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 175' x 1040' w CONTRACTOR: Moss

DATE STARTED: 6/22/94
DATE FINISHED: 6/22/94

ENVIRONMENTAL SPECIALIST: Tom Hunsen

SOIL REMEDIATION: EXCAVATION APPROX. 18 FT. x 16 FT. x 12' FT. DEEP.
DISPOSAL FACILITY: hauled off site CUBIC YARDAGE: 128
LAND USE: Range LEASE: NM-03563

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 5 FEET SE FROM WELLHEAD.
DEPTH TO GROUNDWATER: 7100 NEAREST WATER SOURCE: 71000' NEAREST SURFACE WATER: 71000'
NMCD RANKING SCORE: 0 NMCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION: 0-12' yellow brown silty sand, slightly moist
13'-down white-gray sandstone bedrock
- sample (5) @ 13' collected @ 08:30 & sent to lab for TPH (4181) + BTEX (8020)

FIELD 4181 CALCULATIONS

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

SCALE

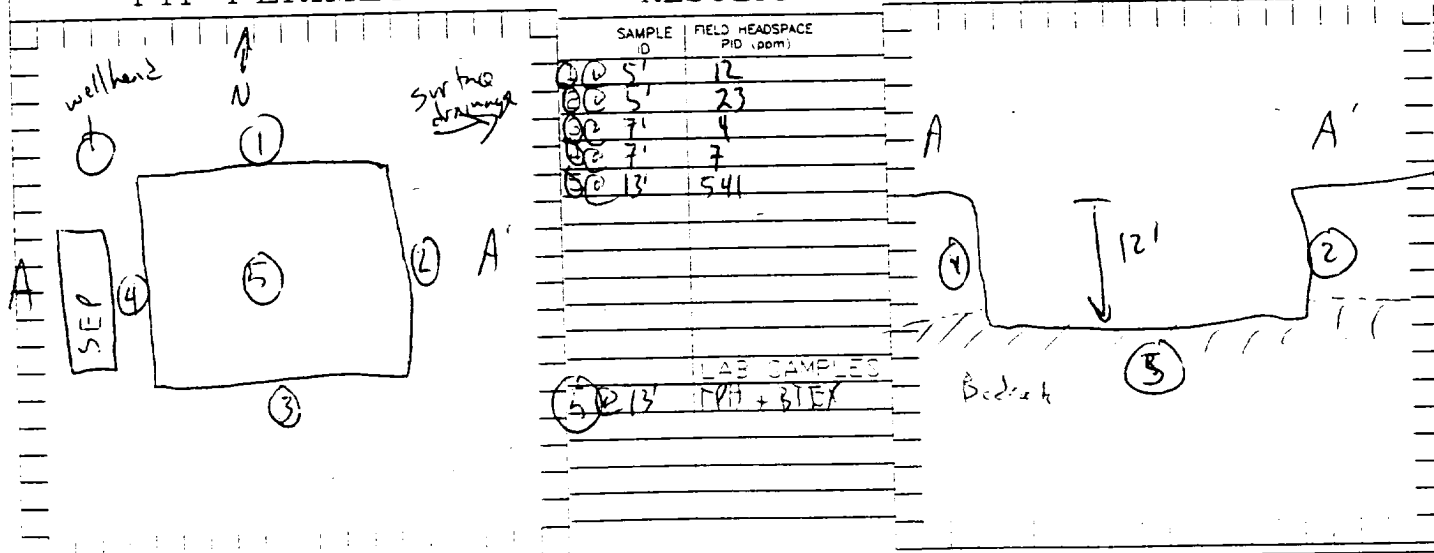
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FEET

PIT PERIMETER

OVM RESULTS

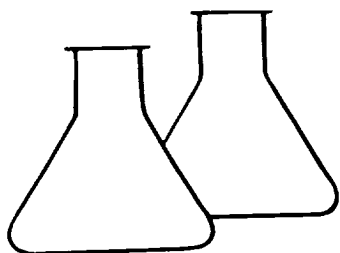
PIT PROFILE



TRAVEL NOTES:

CALLOUT: 6/21/94

DATE: 6/22/94



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:	5 @ 13'	Date Reported:	07-06-94
Laboratory Number:	7627	Date Sampled:	06-22-94
Sample Matrix:	Soil	Date Received:	06-22-94
Preservative:	Cool	Date Extracted:	06-26-94
Condition:	Cool & Intact	Date Analyzed:	07-02-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
-----	-----	-----
Benzene	1140	20.2
Toluene	6570	33.7
Ethylbenzene	5300	13.5
p,m-Xylene	24900	20.2
o-Xylene	11900	13

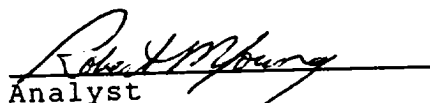
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Bromofluorobenzene	119 %

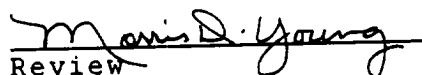
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

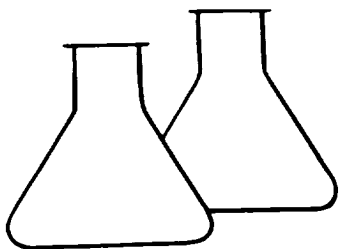
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: Gage #3 Separator Pit A0063.


Analyst


Review



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

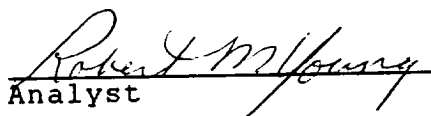
Client:	Amoco	Project #:	92140
Sample ID:	5 @ 13'	Date Sampled:	06-22-94
Laboratory Number:	7627	Date Received:	06-22-94
Sample Matrix:	Soil	Date Analyzed:	06-25-94
Preservative:	Cool	Date Reported:	06-30-94
Condition:	Cool and Intact	Analysis Needed:	TPH

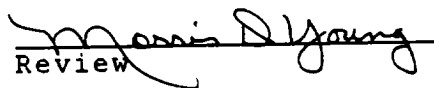
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	16300	25.0

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: Gage #3 Separator Pit A0063


Analyst


Review