

District I

P.O. Box 100, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District DEPUTY OIL & GAS INSPECTOR

1000 Rio Brazos Rd, Aztec, NM 87410

DEC 03 1996

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

80115

Pit # A0099

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: E. J. JOHNSON C # 1E
Well Name

Location: Unit or Qtr/Qtr Sec C Sec 21 T 27N R 10W County San Juan

Pit Type: Separator Dehydrator Other ABANDONED SEPARATOR

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

Pit Location: Pit dimensions: length 20, width 20, depth 15
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 150'

Direction from reference: 0 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) 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) 0

RANKING SCORE (TOTAL POINTS): 20

Date Remediation Started: _____ Date Completed: 24 Aug 1994

Remediation Method: Excavation ☒ Approx. cubic yards 221
(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 15'

Sample date 24 Aug 1994 Sample time _____

Sample Results

Benzene(ppm) 0.022

Total BTEX(ppm) 0.454

Field headspace(ppm) 453

TPH 74 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 24 Aug 1994

SIGNATURE B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

(*)

P.18

B0115

CLIENT: Unico

ENVIROTECH Inc.

PIT NO: A0099

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

CCC NO: 3888

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: EJ Johnson WELL #: 1E PIT: ABND SEP

DATE STARTED: 20 Sept

QUAD/UNIT: C SEC. 21 TWP: 27N RNG: 10W BM: 1/M CNTY: SJ ST: NM

DATE FINISHED: 20 Sept

QTR/FOOTAGE: NE/4 NW/4 CONTRACTOR: EPL

ENVIRONMENTAL
SPECIALIST: SM

SOIL REMEDIATION: EXCAVATION APPROX. 20 FT. x 20 FT. x 15 FT. DEEP.

DISPOSAL FACILITY: Landfill - ON SITE CUBIC YARDAGE: 222

LAND USE: Range LEASE: SF-077386A

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 150 FEET North FROM WELLHEAD.

DEPTH TO GROUNDWATER: 0-6 @ 150 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

NMCD RANKING SCORE: 20 NMCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

Soil is yellow-brown, slightly moist, silty sand
with no odor.

FIELD 418.1 CALCULATIONS

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

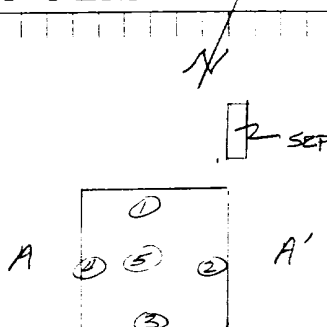
10' = 0'
SCALE

0

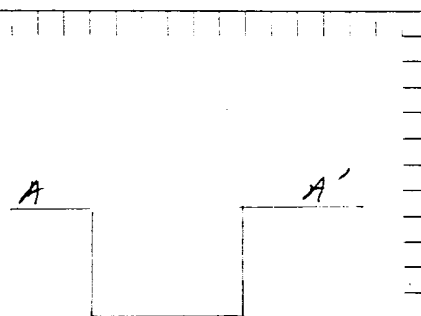
FEET
PIT PERIMETER

OVM
RESULTS

PIT PROFILE



SAMPLE	FIELD HEADSPACE PID (ppm)
1 2'12"	14
2 2'12"	23
3 2'12"	14
4 2'12"	14
5 2'15"	453

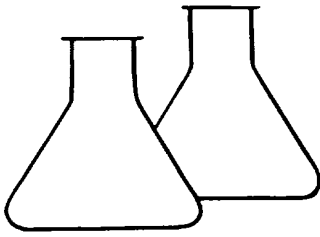


LAB SAMPLES
5 @ 15' BTEX (8020)
TPH (418.1)

TRAVEL NOTES:

CALLOUT:

ONSITE:



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Amoco	Project #:	92140
Sample ID:	5@15'	Date Sampled:	08-24-94
Laboratory Number:	7838	Date Received:	08-24-94
Sample Matrix:	Soil	Date Analyzed:	08-26-94
Preservative:	Cool	Date Reported:	08-29-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	74	10.0

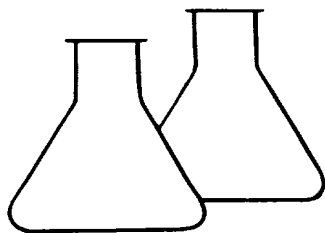
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: EJ Johnson C# 1E Abnd sep pit A0099

Reed Griffin
Analyst

Marissel Young
Review



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EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	5@15'	Date Reported:	09-02-94
Laboratory Number:	7838	Date Sampled:	08-24-94
Sample Matrix:	Soil	Date Received:	08-24-94
Preservative:	Cool	Date Extracted:	08-26-94
Condition:	Cool & Intact	Date Analyzed:	09-01-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
-----	-----	-----
Benzene	22	20.1
Toluene	136	20.1
Ethylbenzene	18	13.4
p,m-Xylene	139	20.1
o-Xylene	139	20.1

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Trifluorotoluene	123 %
	Bromofluorobenzene	108 %

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: EJ Johnson C #1E abnd sep pit A0099

Rex L. Griffin
Analyst

Marion D. Young
Review