

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

100 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

SEP-24
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

Blow-OK
LF at JF D#1

PIT REMEDIATION AND CLOSURE REPORT

A0078

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility or: JACK Frost "A" #1
Well Name

Location: Unit or Qtr/Qtr Sec E Sec 26 T 27N R 10W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

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

Pit Location: Pit dimensions: length 12, width 12, depth 7
tack diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 45'

Direction from reference: 20 Degrees ☐ East North ☐
of
☒ West South ☒

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
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) 0
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: 8 July 1994

Remediation Method: Excavation ☒
(Check all appropriate sections) Landfarmed ☒

Approx. cubic yards 37
Insitu Bioremediation _____

Other _____

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

Onsite ☒ Offsite FRONT JACK D#1

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 7'

Sample date 8 July 1994 Sample time 11:25

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 0.9

TPH ND

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 8 July 1994

SIGNATURE B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
ENVIRONMENTAL COORDINATOR

Date Remediation Started: _____ Date Completed: 8 July 1994

Remediation Method: Excavation ☒ Approx. cubic yards 37
(check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____
Other _____

Remediation Location: ON Onsite ☒ Offsite FROST JACK D#1
(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 7'

Sample date 8 July 1994 Sample time 11:25

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 0.9

TPH ND

Ground Water Sample: Yes _____ No ☒ (If yes, attach sample results)

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DATE 8 July 1994

SIGNATURE B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

results copied to Johnny 7/12/94

CLIENT: Amelo

ENVIROTECH Inc.

PIT NO: 38-A00765796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615C.B.C. NO: 3800

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140PAGE No: 1 of 1LOCATION: NAME: JACK Frost "A" WELL #: 1 PIT: SEPQUAD/UNIT: E SEC: 26 TWP: 27N RNG: 10W BM: NM CNTY: ST NMQTR/FOOTAGE: SW/4 NW/4 CONTRACTOR: EPLDATE STARTED: 5 JUL 94DATE FINISHED: 5 JUL 94ENVIRONMENTAL
SPECIALIST: FMSOIL REMEDIATION: EXCAVATION APPROX. 12 FT. x 12 FT. x 7 FT. DEEP.DISPOSAL FACILITY: NO LAND FROM ON SITE CUBIC YARDAGE: 37LAND USE: RANGE LEASE: SF-077951FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 45 FEET 20'W x 5' FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOCB RANKING SCORE: 0 NMOCB TPH CLOSURE STD: 5000 ppmSOIL AND EXCAVATION DESCRIPTION: Soil is yellow-gray, poorly graded sandy clay slightly moist. Bedrock encountered @ 7+ feet

4-22-94

SOIL MOVED TO JACK FROST 01 - NO SOIL ON LOCATION

Bedrock
Bottom

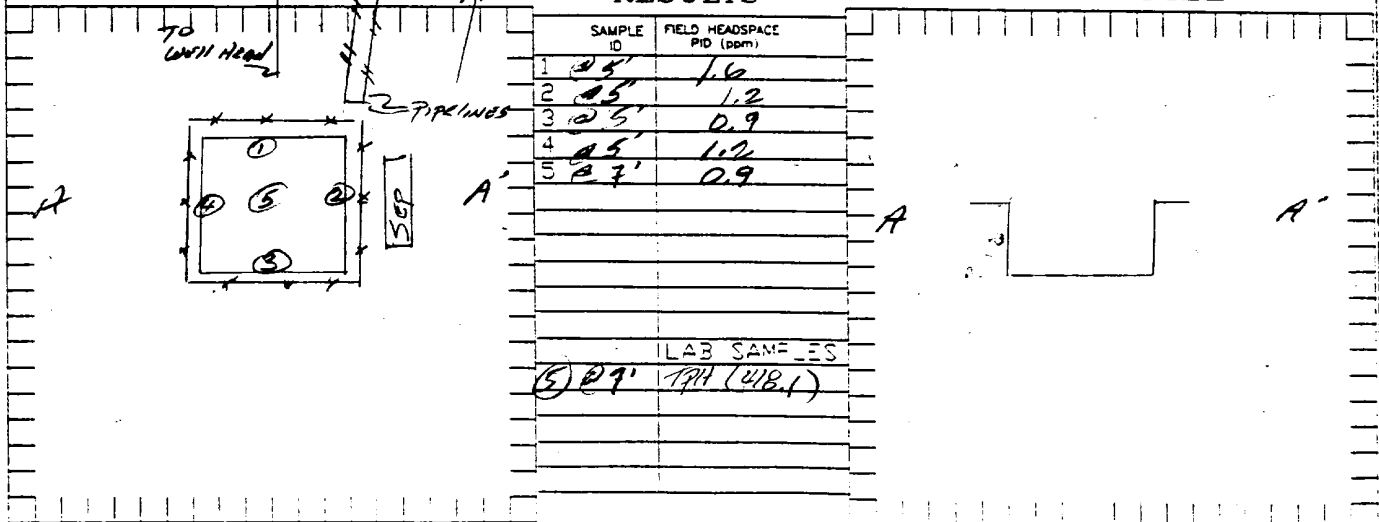
FIELD 418.1 CALCULATIONS

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

SCALE

FEET
PIT PERIMETEROVM
RESULTS

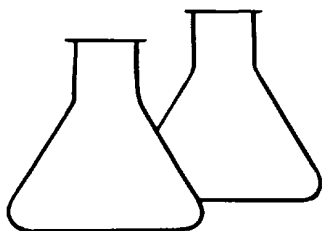
PIT PROFILE



TRAVEL NOTES

CALCULATIONS

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

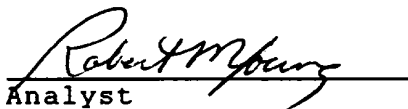
Client:	Amoco	Project #:	92140
Sample ID:	5 @ 7'	Date Sampled:	07-08-94
Laboratory Number:	7706	Date Received:	07-08-94
Sample Matrix:	Soil	Date Analyzed:	07-09-94
Preservative:	Cool	Date Reported:	07-09-94
Condition:	Cool and Intact	Analysis Needed:	TPH

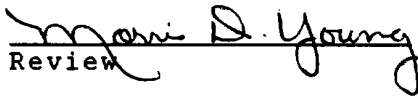
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	ND	30.0

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: Jack Frost "A" #1 Separator Pit A0078.


Analyst


Review

District I
P.O. Box 1980, Hobbs, NM
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District III
1 Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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PIT REMEDIATION AND CLOSURE REPORT

A0078

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: JACK Frost "A" #1
Well Name
Location: Unit or Qtr/Qtr Sec E Sec 26 T 27N R 10W County SAN JUAN
Pit Type: Separator Dehydrator Other BLOW
Land Type: BLM ☒ State Fee Other

Pit Location: Pit dimensions: length 10, width 18, depth 6
(attach diagram) Reference: wellhead ☒, other
Footage from reference: 66'
Direction from reference: 30 Degrees East North ☒
of
☒ West South

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
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: 13 July 1994

Remediation Method: Excavation ☒
(Check all appropriate sections)

Approx. cubic yards 40

Landfarmed ☒

Insitu Bioremediation _____

Other _____

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

Onsite ☒ Offsite ☒ Frost, Jack D#1

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 6'

Sample date 13 July 1994 Sample time 1310

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 1.7

TPH 14 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 13 July 1994

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

Date Remediation Started: _____ Date Completed: 13 July 1994

Remediation Method: Excavation ☒ Approx. cubic yards 40
Check all appropriate tions) Landfarmed ☒ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite ~~Offsite~~ X Frost Jack D#1
(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 6'

Sample date 13 July 1994 Sample time 1310

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 1.7

TPH 14 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 13 July 1994

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

copied EAC 7/27/94

CLIENT: Amoco

ENVIROTECH Inc.

PIT NO: A0078

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

C.E.C. NO: 3803

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: Jack Frost "A" WELL #: 1 PIT: Blow

DATE STARTED:

QUAD/UNIT: E SEC: 26 TWP: 27N RNG: 10W BM: NM CNTY: SI ST: ND

DATE FINISHED: 13 July 94

QTR/FOOTAGE: 5w/4 Nw/4 CONTRACTOR: - EPL

ENVIRONMENTAL
SPECIALIST: _____

SOIL REMEDIATION: EXCAVATION APPROX. 10 FT. x 18 FT. x 6 FT. DEEP.

EXCAVATION APPROX. 15 FT. X 10 FT. X 6 FT.
FROST JCR
0#1 → DISPOSAL FACILITY: Land Fill - On Site CUBIC YARDAGE: 40

LAND USE: RANGE LEASE: 5F-077951

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 66 FEET 30° W of N FROM WELLHEAD.

DEPTH TO GROUNDWATER: > 50' NEAREST WATER SOURCE: > 1000' NEAREST SURFACE WATER: > 1000'

NMCCD RANKING SCORE: 0 NMCCD TPH CLOSURE STD: 5000 ppm

SOIL AND EXCAVATION DESCRIPTION: 0-6' : Soil is yellow-Brown, Slightly Moist, Silty Sand
6' : Soil is Gray Sandstone
TD = 6'

4-22-96 NO SOIL ON LOCATION - MOVED TO JACK FEOST 0

Georgia
Bottom

FIELD 418.1 CALCULATIONS

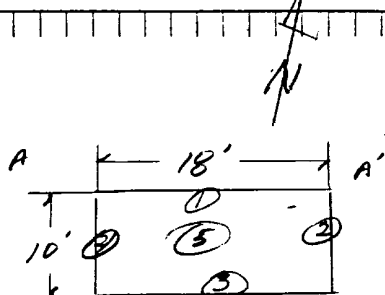
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON DILUTION	READING	CALC. ppm

SCALE

Q

FEET

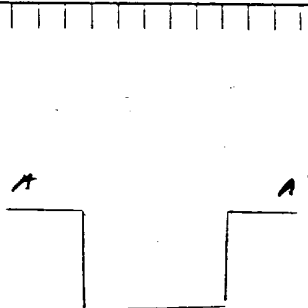
PIT PERIMETER



OVM RESULTS

[illegible]

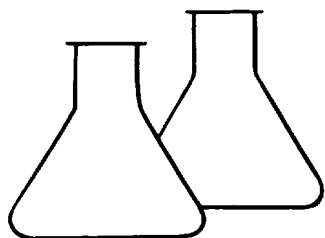
PIT PROFILE



TRAVEL NOTES

CALCUL

2467



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

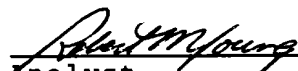
Client:	Amoco	Project #:	92140
Sample ID:	5 @ 6'	Date Sampled:	07-13-94
Laboratory Number:	7719	Date Received:	07-13-94
Sample Matrix:	Soil	Date Analyzed:	07-19-94
Preservative:	Cool	Date Reported:	07-21-94
Condition:	Cool and Intact	Analysis Needed:	TPH

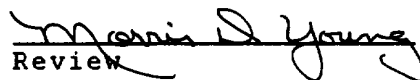
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	14	10.0

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: Jack Frost "A" #1 Blow Pit A0078.


Analyst


Review

[illegible]

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

A0028

CHAIN OF CUSTODY RECORD

[illegible]

San Juan repro Form 578-81