

SAN JUAN BASIN

CONOCO

PIT CLOSURE DOCUMENTATION

LOCATION:

ERIN STAYS COM 1E

RCRA EXEMPT
WASTES:Yes ☒ No ☐

PIT TYPE:

SEP

DATE FLOW TO PIT STOPPED:

11/94

TYPE REPLACEMENT PIT:

☐

NONE

☐

BACKFILLED - BELOW GROUND

☒

ABOVE GROUND

ACREAGE

TYPE:

☒

FEDERAL

☐

JICARILLA

☐

NAVAHO

☐

STATE

☐

FEE

SITE ASSESSMENT

1) Groundwater Depth:

< 50'

Ranking Score

Basis:

ENCOUNTERED WTR @ 27'

20

2) Wellhead Protection Area:

Distance To

Water Sources:

> 1000'

Private Domestic Water Sources:

> 200'

Basis:

NO PRIVATE OR DOMESTIC WTR SOURCE IN VICINITY 0

3) Distance To Surface Body of Water:

> 1000'

Basis:

NO SURFACE WTR CLOSE

0

Total Score:

20

Soil Characteristic

☐

Highly Contaminated/Saturated

☒

Unsaturated Contaminated

RANKING CRITERIA

Depth to Groundwater	Wellhead Protection Area	Distance to Surface Water Body	Score	Rank
	<1000' from water source or < 200' from private domestic water source			
<50 ft	yes	<200' horiz	20	20
<50 - 99	no	200 - 1000' horiz	10	10
>100 ft		>1000' horiz	0	0

GUIDELINE REMEDIATION LEVELS

Total Ranking Score			
	>19	10-19	0-9
Benzene (ppm)	10	10	10
BTEX (ppm)	50	50	50
Field Headspaces			
Method for BTEX	100	100	100
TPH (ppm) **	100	1,000	5,000

** Concentration above background

DEFINITION OF CONTAMINATION

Date:

10-14-94

Depth Excavated:

30'

Full Excavation:

☐

Maximum Extent Practicable

30'

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLE RESULTS NOTES" FORM

Groundwater Encountered:

Yes ☒No ☐

If yes, approximate depth:

27'

Groundwater Sampling?

☒

Yes

☐

No

Where was gw sample taken?

DOWNSTREAM OF SEP

Attach GW Sample Results

DEPUTY OIL & GAS INSPECTOR

NOTES:

JUN 11 8 1996

Approved

RECEIVED
MAR 18 1996OIL CON. DIV
L-100

REMEDIATION PROFILESoil Treated Onsite ☐Date Remediation Started: 11-9-94☐ In Situ Bio☐ w/vapor venting☒ Landfarmed☐ Composted

	Date: <u>11-9-94</u>		Date: _____	
	Description	Amount/Rate	Description	Amount/Rate
Tilled	COMBINED DHP & SEP			
Nutrients	CONTAMINATED SOILS -			
Moisture	SEE DHP NOTES			
Bulking Agent				
Organic Material				

	Date: _____		Date: _____	
	Description	Amount/Rate	Description	Amount/Rate
Tilled				
Nutrients				
Moisture				
Bulking Agent				
Organic Material				

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLING RESULTS NOTES" FORM

SOIL TREATED/HANDLED OFFSITE**TO SITE(ATTACH MANIFEST)**

Where Treated: _____

Type of Land (Fed/Nav/Jic/State/Fee): _____

Quantity Moved: _____

Quantity Disposed At Envirotech: _____

FROM SITE (ATTACH MANIFEST)

To This Location From: _____

Type of Land (Fed/Nav/Jic/State/Fee): _____

Quantity Moved: _____

FINAL CLOSUREBTEX: ND ppm (From Headspace Analysis)TPH: 38 ppm (From Lab Results)

Revegetated:

yes ☐no ☒

Active Well or Facility Pad:

yes ☒no ☐

NOTES: 9/30/94 - RU ONSITE TECH PERFORM ASSESSMENTS BORED 4 HOLES -
(2 ON EACH PIT) ENCOUNTERED GW APPROX. 27', PULLED SAMPLES. 10-11-94 -
PERFORMED FURTHER DELINEATION IN ATTEMPT TO DEFINE PLUME &
GRADIENT. 10-14-94 - NASSAU EXCAVATED PITS TO 30'. 11-9-94 CONDO
HANDFARMED SOIL & BACK FILLED W/ CLEAN SOIL FROM LOCATION. CONDO SET FG
PIT TO REPLACE DHP & SEP FARTHER PITS. 10-16-95 PULLED COMPOSITE SOIL
SAMPLE, CLOSED LANDFARM.

TYPE OF PIT: DHP & SEP

ERIN STAYS 1E

LOCATION OF PIT

[illegible]

Inter-Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401**TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1**Conoco, Inc.Project: Not Given
Matrix: Soil
Condition: Intact/CoolDate Reported: 11/07/95
Date Sampled: 10/16/95
Date Received: 10/16/95
Date Extracted: 10/24/95
Date Analyzed: 10/24/95

Erin Stays 1E Landfarm

0395G01909

38

10

ND - Analyte not detected at stated detection level.

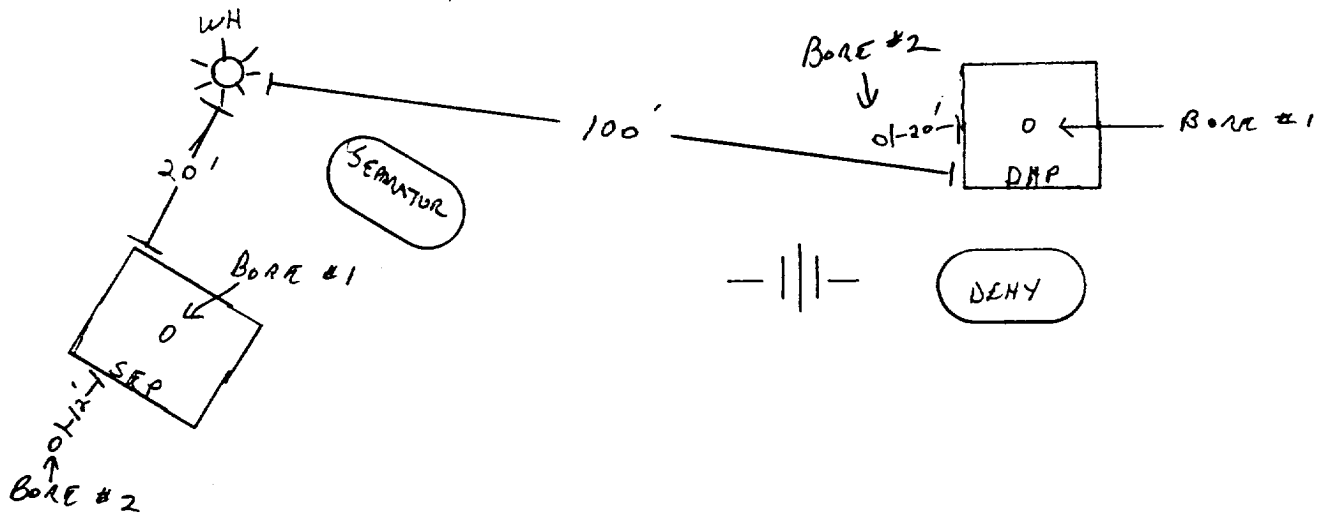
References:

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.**Method 3550:** Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.Reported by: AKReviewed: JB

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: ERIN STAYS Cam 1R S T R UNIT

DATE STARTED: 9/30/94 (ON-SITE TECH. ASSESSMENT) DATE COMPLETED:



o SOIL SAMPLE LOCATION

Δ BACKGROUND SAMPLE LOCATION

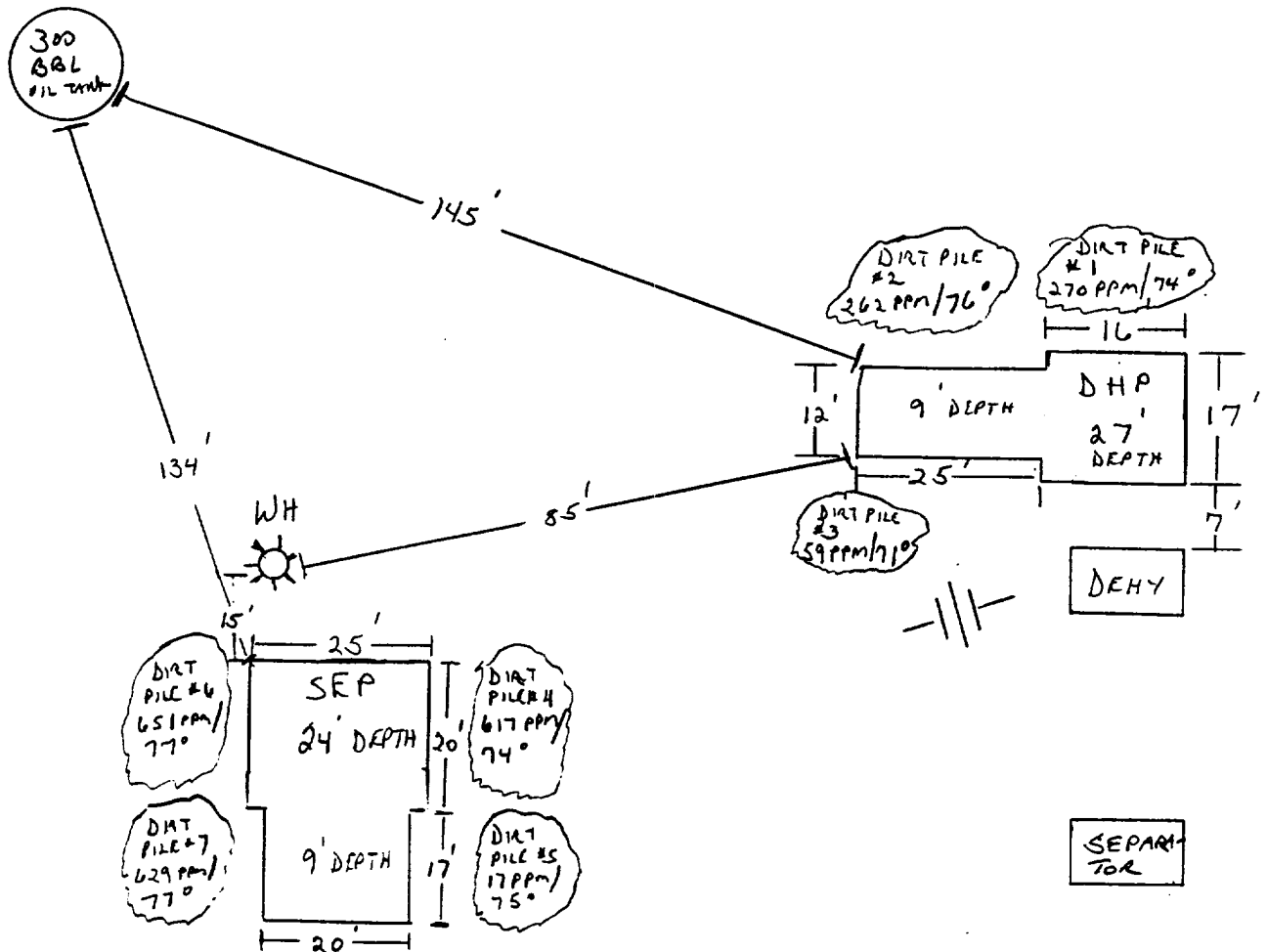
PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: ERIN STAYS Com 1E S T R UNIT

DATE STARTED: 11/9/94

DATE COMPLETED:

EXCAVATED PIT INFORMATION:



- BOTH PITS HAD SLUFFED IN SOME, INITIAL EXCAVATION WAS TO 30' DEPTH

○ SOIL SAMPLE LOCATION

△ BACKGROUND SAMPLE LOCATION

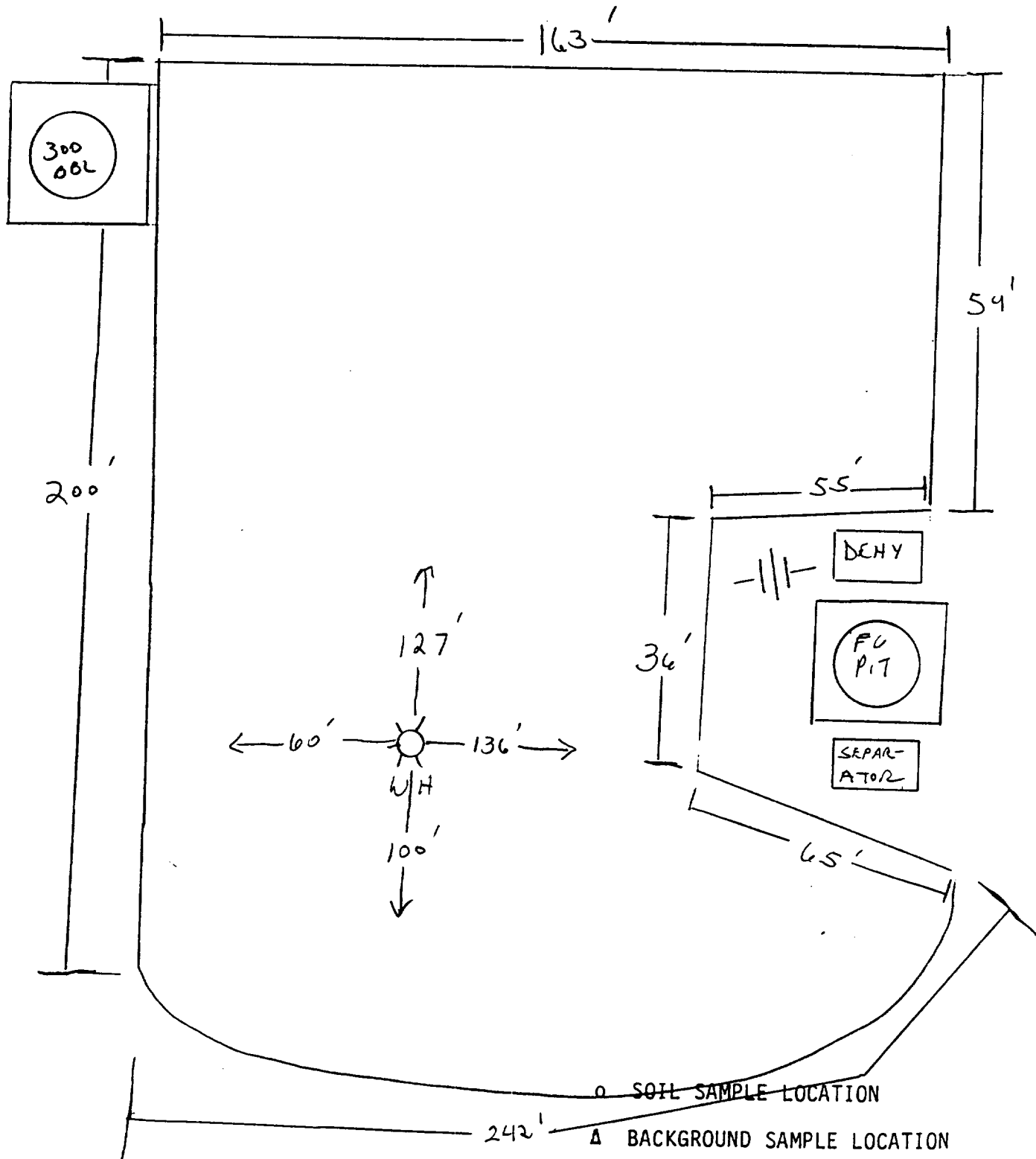
PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: ERIN STAYS Com 1E S T R UNIT

DATE STARTED: 9/9/94

DATE COMPLETED:

LINEAR AREA :



SAN JUAN BASIN

CONOCO

PIT CLOSURE DOCUMENTATION

LOCATION: ERIN STAYS Cam 1ERCRA EXEMPT
WASTES:Yes ☒ No ☐

PIT TYPE:

DHPC-2-25N-11W

DATE FLOW TO PIT STOPPED:

11/94

TYPE REPLACEMENT PIT:

☐ NONE☐ BACKFILLED - BELOW GROUND☒ ABOVE GROUND

ACREAGE

TYPE:

☒ FEDERAL☐ JICARILLA☐ NAVAHO☐ STATE☐ FEE

SITE ASSESSMENT

1) Groundwater Depth:

< 50'

Ranking Score

Basis:

ESTIMATED - UPGRADIENT FROM DRAW - ENCOUNTERED20

2) Wellhead Protection Area:

MINI EXCAVATION @ 25'

Distance To

Water Sources:

> 1000'

Private Domestic Water Sources:

> 200'

Basis:

NO PRIVATE OR DOMESTIC WTR SOURCE IN VICINITY0

3) Distance To Surface Body of Water:

> 1000'

Basis:

NO SURFACE WTR IN VICINITY0

Total Score:

20

Soil Characteristic

☐ Highly Contaminated/Saturated☒ Unsaturated Contaminated

RANKING CRITERIA

Depth to Groundwater	Wellhead Protection Area	Distance to Surface Water Body	Rank
	<1000' from water sources or < 200' from private domestic water sources		
<50 ft	yes	<200' horiz	20
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>100 ft		>1000' horiz	0

GUIDELINE REMEDIATION LEVELS

Total Ranking Score			
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Field Headspace			
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** Concentration above background

DEFINITION OF CONTAMINATION

Date: 10-14-94

Depth Excavated:

30'

Full Excavation:

☐

Maximum Extent Practicable

30'

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLE RESULTS NOTES" FORM

Groundwater Encountered:

Yes ☒No ☐

If yes, approximate depth:

± 25'

Groundwater Sampling?

☒

Yes

☐

No

Where was gw sample taken?

DOWNGRADIENT DHP

Attach GW Sample Results

NOTES:

DEPUTY OIL & GAS INSPECTOR

MAR 11 8 1996

MAR 1 8 1996

OIL CON. DIV.
DIST. 3

REMEDIATION PROFILE

Soil Treated Onsite ☐

Date Remediation Started: 11-9-94

☐ In Situ Bio

☐ w/vapor venting

☒ Landfarmed

☐ Composted

	Date: 11-9-94		Date:	
	Description	Amount/Rate	Description	Amount/Rate
Tilled	LANDFARM CONTAMINATED SOIL			
Nutrients	K. Power KNO ₃ 13.25% NITRO, 44.52% POTASH	200 #		
Moisture				
Bulking Agent				
Organic Material				

	Date:		Date:	
	Description	Amount/Rate	Description	Amount/Rate
Tilled				
Nutrients				
Moisture				
Bulking Agent				
Organic Material				

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SOIL TREATED/HANDLED OFFSITE

TO SITE(ATTACH MANIFEST)

Where Treated:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

Quantity Disposed At Envirotech:

FROM SITE (ATTACH MANIFEST)

To This Location From:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

FINAL CLOSURE

BTEX: ND ppm (From Headspace Analysis)

TPH: 38 ppm (From Lab Results)

Revegetated:

yes ☐

no ☒

Active Well or Facility Pad:

yes ☒

no ☐

NOTES: 9/30/94 - RU ONSITE TECH, PERFORM ASSESSMENTS, BORED

4 HOLES - (2 ON EACH PIT) ENCOUNTERED GW, PULLED SAMPLES. 10-11-94 - PERFORMED FURTHER DELINEATION TO ATTEMPT TO DEFINE PLUME & GRADIENT.

10-14-94 - NASSAU EXCAVATED PITS TO 30'. 11-9-94 - CONVOLO LANDFARMER SOIL & BACKFILLED PITS w/ CLEAN SOIL FROM LOCATION. CONVOLO SET F12

PIT TO REPLACE DHP & SET EARTHED PITS. 10-16-95 - PULLED COMPOSITE SOIL SAMPLE TO CLOSE LANDFARM.

T CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT ERIN STAYS 1E TYPE OF PIT: DHP & SEP

DESCRIPTION OF SAMPLE	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	10/16/95								
LOCATION OF SAMPLE	LANDFARM								
TYPE OF SAMPLE: (GRAB/COMPOSITE)	9 pt. COMPOSITE								
DEPTH OF SAMPLE(S)	0 - 6"								
TEMPERATURE OF SAMPLE	74°								
LD METHOD RESULTS (PPMS)									
TPH VAPORS (EQUIV UNITS)	ND								
BENZENE RESPONSE FACTOR	.47								
ADJUSTED FOR BENZENE EQUIV UNITS	0								
RESULTS IN PPM: METHOD (418.1 OR MOD 8015)	418.1								
TPH	38								
NOTES	PURIFIED 9 PT. COMPOSITE ON LANDFARM AREA.								

Inter-Mountain Laboratories, Inc.

2606 W. Main Street
Farmington, New Mexico 87401**TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1**Conoco, Inc.Project: Not Given
Matrix: Soil
Condition: Intact/CoolDate Reported: 11/07/95
Date Sampled: 10/16/95
Date Received: 10/16/95
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Date Analyzed: 10/24/95

Erin Stays 1E Landfarm	0395G01909	38	10
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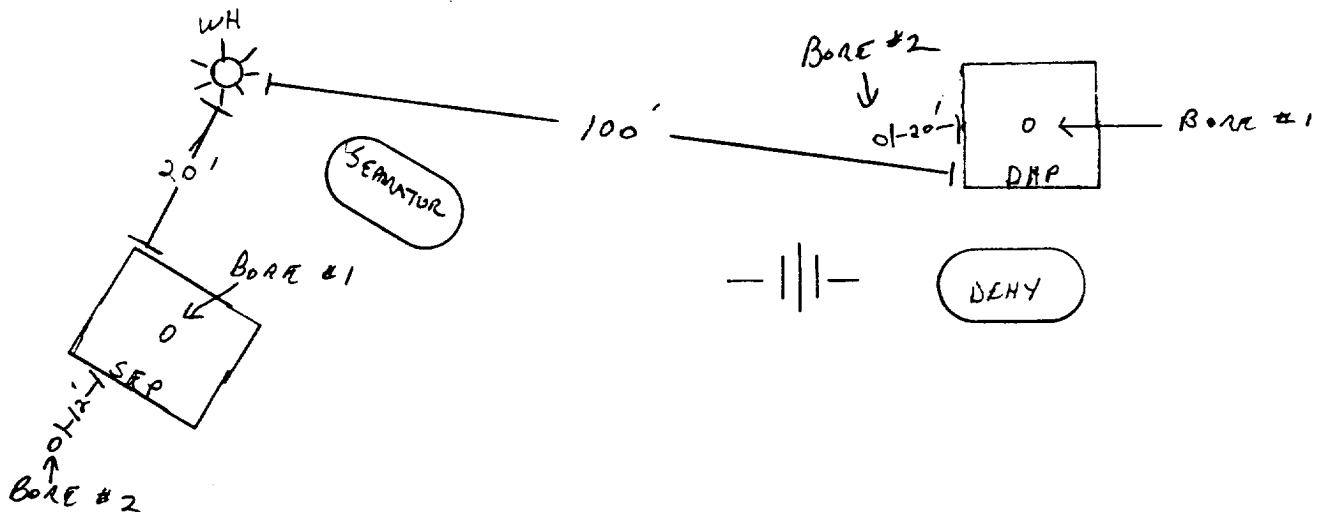
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o SOIL SAMPLE LOCATION

Δ BACKGROUND SAMPLE LOCATION

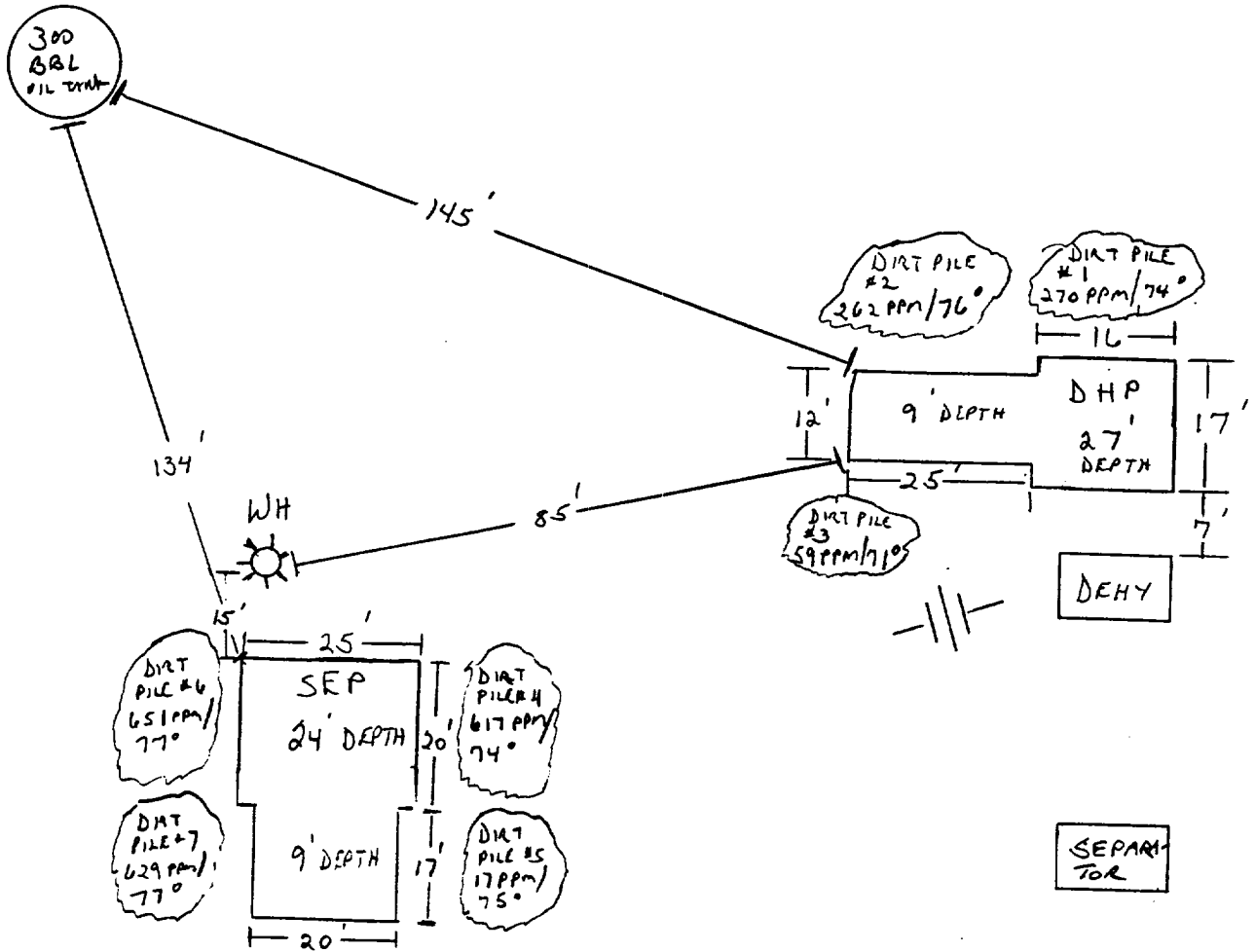
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DATE COMPLETED: _____

EXCAVATED PIT INFORMATION:



- BOTH PITS HAD SLUFFED IN SOME, INITIAL EXCAVATION WAS TO 30' DEPTH

0 SOIL SAMPLE LOCATION

A BACKGROUND SAMPLE LOCATION

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: ERIN STAYS Conn 1E S T R UNIT

DATE STARTED: 9/9/94

DATE COMPLETED:

LANDFARMED AREA :

