

LOCATION: *San Juan 28-7 #187E, S-24, T-28N, R-7W, Unit 0*RCRA EXEMPT
WASTES:Yes ☒ No ☐PIT TYPE: *SEP*ATE FLOW TO PIT STOPPED: *8/95*TYPE REPLACEMENT PIT: ☐ NONE ☐ BACKFILLED - BELOW GROUND ☒ ABOVE GROUND

ACREAGE

TYPE: ☒ FEDERAL ☐ JICARILLA ☐ NAVAHO ☐ STATE ☐ FEE

SITE ASSESSMENT

1) Groundwater Depth: *Estimate 50'-99'* Ranking ScoreBasis: *Elevation from Active Wash* *10*

2) Wellhead Protection Area:

Distance To

Water Sources: *>1000'* Private Domestic Water Sources: *>200'*Basis: *No Private or Domestic Water Sources in Vicinity* *0*3) Distance To Surface Body of Water: *>1000'*Basis: *No Surface Water in Vicinity (Area located @ end of Adams Canyon)* *0*Total Score: *10*

Soil Characteristic

☐ Highly Contaminated/Saturated☒ Unsaturated Contaminated

RANKING CRITERIA

GUIDELINE REMEDIATION LEVELS

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

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

** Concentration above background

DEFINITION OF CONTAMINATION

Date: *8/10/95*Depth Excavated: *11' BGS*Full Excavation: ☒ Maximum Extent Practicable *Hit Bedrock @ 11' BGS*

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

Groundwater Encountered: Yes ☐ No ☒

If yes, approximate depth: _____

Groundwater Sampling? ☐ Yes ☒ No

Where was gw sample taken? _____

Attach GW Sample Results _____

NOTES:

Denny L. Faust
DEPUTY OIL & GAS INSPECTOR

JUN 18 1996

*Approved*RECEIVED
MAR 18 1996OIL CON. DIV.
DIST. 3

REMEDIATION PROFILESoil Treated Onsite ☒Date Remediation Started: 8/10/95☐ In Situ Bio☐ w/vapor venting☒ Landfarmed☐ Composted

	Date: <u>8/10/95</u>		Date: _____	
	Description	Amount/Rate	Description	Amount/Rate
Tilled				
Nutrients	34-0-0 Fertilizer (landform)	12 lbs		
Moisture				
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: 4.9 ppm (From Headspace Analysis)TPH: 20 ppm (From Lab Results)

Revegetated:

yes ☐no ☒

Active Well or Facility Pad:

yes ☒no ☐NOTES: 8/10/95 Excavated w/ backhoe to 11' BGS, Encountered resistor?bedrock @ 11' BGS. Took 5 pt Composite of Excavated area, 4 from
sidewalls & 1 bottom center; OVM = 10.5 ppm @ 74°. Landfarmedexcavated soil on site. Took 5 pt composite sample of landfarmed soil
OVM = 289.3 ppm @ 77°. Treated landform area w/ 12 lbs of 34-0-0.Sent Excavated pit composite sample to lab for TPH

8/15/95 Took 5 pt Comp. Sample of Land Firmed Soil; OVM = 371 ppm @ 71"

2/15/96 SAMPLE LF, OVA @ 7 PIT LEVELS BELOW RE-
QUIREMENT, CLOSED PIT.

CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

Conoco Inc.

LOCATION OF PIT

San Juan 28-7 # 187E

TYPE OF PIT:

SEP

DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT # 3	SAMPLE EVENT # 4	SAMPLE EVENT # 5	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	7/6/95	8/10/95	8/10/95	8/15/95	2/15/96			
LOCATION OF SAMPLE	SEP	SEP	SEP Landfill	SEP Landfill	SEP L.F.			
TYPE OF SAMPLE: (GRAB/COMPOSITE)	Grab	5pt Composite	5pt Composite	5pt Composite	SPT Composite			
DEPTH OF SAMPLE(S)	3'-5'	11' BGS	Landfill	Landfill	0-6"			
TEMPERATURE OF SAMPLE	77°	74°	77°	71°	60°			
METHOD RESULTS (PPMS)								
TPH VAPORS (EQUIV UNITS)	1085 ppm	10.5 ppm	289.3 ppm	371 ppm	ND			
BENZENE RESPONSE FACTOR	.47	.47	.47	.47	.47			
ADJUSTED FOR BENZENE EQUIV UNITS	510	4.9	135.8	174.4	—			
RESULTS IN PPM:								
METHOD (418.1 OR MOD 8016)		418.1			418.1			
TPH		20			ND			
NOTES	Sample taken from Center of pit. Hit Backlog @ ~5'. Could not penetrate. No sample beyond 5'.	Excavated contaminated soil & Landfill excavated soil	Landfill treated excavated soil	Monitoring Landfill	Sample For TPH			

**TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1**

Conoco Inc.

Project: Soil TPH
Matrix: Soil
Condition: Intact/Cool

Date Reported: 08/18/95
Date Sampled: 08/10/95
Date Received: 08/11/95
Date Extracted: 08/18/95
Date Analyzed: 08/18/95



Sample	ID	Result	Concentration
28-7 #187E SEP	G01376	ND	20
28-7 #72 BDP/BPR	G01377	177	19

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.

Analyst: Anna Schaefer

Reviewed: TRK

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco Inc.Project: Soil TPH
Matrix: Soil
Condition: Intact/CoolDate Reported: 02/23/96
Date Sampled: 02/15-16/96
Date Received: 02/16/96
Date Extracted: 02/22/96
Date Analyzed: 02/23/96

Sample ID	Lab ID	Result (mg/kg)	Detection Limit (mg/kg)
SJ 28-7 187E LF	G00224	ND	20
SJ 28-7 72 LF	G00225	230	20
SJ 28-7 79 LF	G00226	ND	19
SJ 28-7 103 LF	G00227	263	19
SJ 28-7 71 TDP LF	G00228	24.6	20
SJ 28-7 71 DHP LF	G00229	1,650	98
SJ 28-7 131 LF	G00230	ND	19
SJ 28-7 236 TDP LF	G00231	ND	19
SJ 28-7 236 BRP LF	G00232	ND	20
SJ 28-7 236 SEP LF	G00233	91.0	19

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.Analyst: AKReviewed: JB

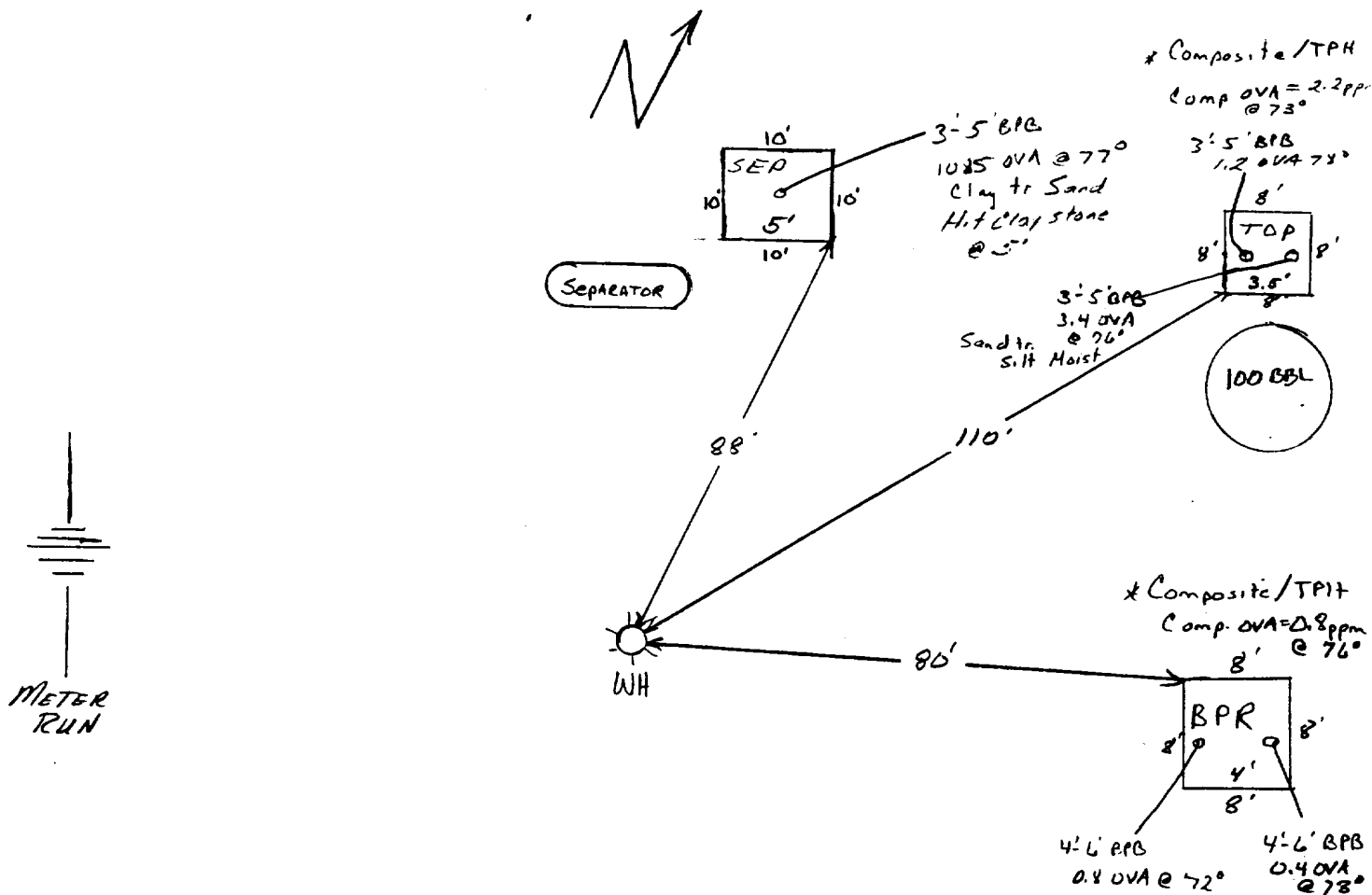
PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #1

WELL LOCATION: San Juan 28-7 #187E S 24 T 28N R 7W UNIT 0

DATE STARTED: 7/6/95

DATE COMPLETED: _____

Conoco Inc.



o SOIL SAMPLE LOCATION

Δ BACKGROUND SAMPLE LOCATION

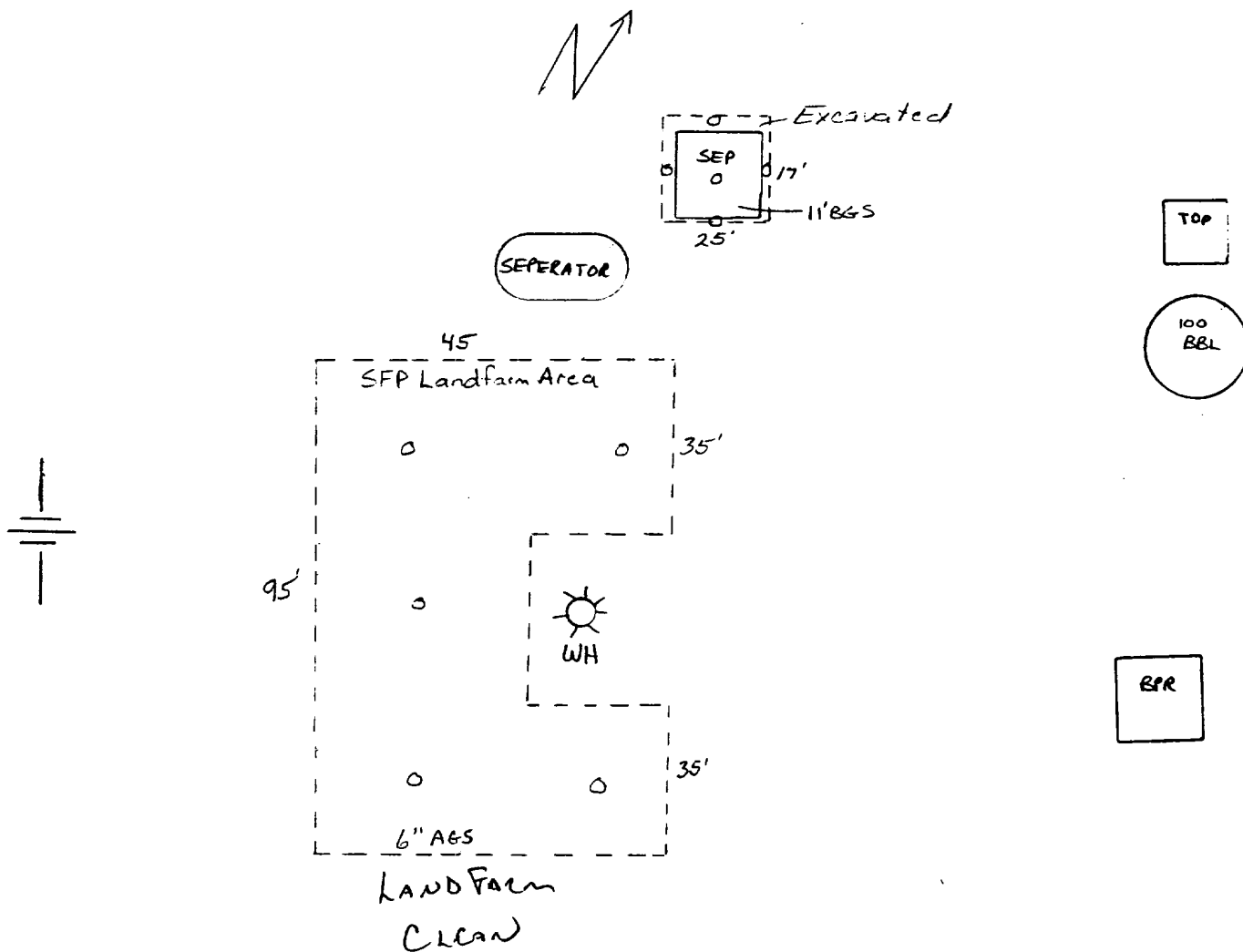
PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #2

WELL LOCATION: San Juan 28-7 #187E S 24 T 28N R 7W UNIT 0

DATE STARTED: 8/10/95

DATE COMPLETED:

Remediation/Excavation Data



o SOIL SAMPLE LOCATION

A BACKGROUND SAMPLE LOCATION