

LOCATION: SEMI-28-7 #224 RCRA EXEMPT WASTES: Yes ☐ No ☐
PIT TYPE: TOP ACTIVE S-28, T-28N, R-7W, Unit-11

DATE FLOW TO PIT STOPPED: 8/8/95

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 Score 10
Basis: FLUATION FROM WASH

2) Wellhead Protection Area: Distance To ± 1000' Private Domestic Water Sources: > 200'
Basis: CERZA WASH DOMESTIC USE ± 1000' 20

3) Distance To Surface Body of Water: > 1000'
Basis: CERZA WASH ACTIVE ± 1000' 10

Total Score: 50

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 < 100' 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
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: 8/8/95

Depth Excavated: 2' BGS

Full Excavation: ☐ Maximum Extent Practicable Resistant Bedrock @ 2' 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 E. Faust
DEPUTY OIL & GAS INSPECTOR

AUG 11 8 1996

RECEIVED
MAR 1 5 1996

OIL CON. DIV.
DIST. 3

REMEDIATION PROFILE

Soil Treated Onsite

☐

Date Remediation Started:

☐ In Situ Bio

☐ w/vapor venting

☐ Landfarmed

☐ Composted

	Date: _____		Date: _____	
	Description	Amount/Rate	Description	Amount/Rate
Tilled				
Nutrients				
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 CLOSURE

BTEX: 3.7 ppm (From Headspace Analysis)

TPH: ND ppm (From Lab Results)

Revegetated:

yes

☐

no

☒

Active Well or Facility Pad:

yes

☒

no

☐

NOTES: 8/8/95 Excavated to 2' BGS. Took 5 pt Composite

4 side walls & 1 bottom center @ bedrock. Hit Resistant

bedrock @ 2' BGS. 5 pt OVM = 7.9 ppm @ 77°

Set 11'x2' Galv. Tank.

Sent Sample to lab for TPH.

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

Conae Inc.

LOCATION OF PIT

San Juan 28-17 #224

TYPE OF PIT:

TDP

DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	6/16/95	8/8/95					
LOCATION OF SAMPLE	TDP	TDP					
TYPE OF SAMPLE: (GRAB/COMPOSITE)	Grab	Composite					
DEPTH OF SAMPLE(S)	2' BGS	2' BGS					
TEMPERATURE OF SAMPLE		77°					
FIELD METHOD RESULTS (PPMS)							
TPH VAPORS (EQUIV UNIT ⁶)		7.9 ppm					
BENZENE RESPONSE FACTOR		147					
ADJUSTED FOR BENZENE EQUIV UNIT ⁸		3					
B RESULTS IN PPM:							
METHOD (410.1 OR MOD 9015)		410.1					
TPH		ND					
NOTES	Bedrock @ Surface No Bore	Sample taken @ surface of bedrock. Sent to lab for TPH					

**TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1**

Conoco Inc.

Project: Backhoe and hand grab
Matrix: Soil
Condition: Intact/Cool

Date Reported: 08/11/95
Date Sampled: 08/08/95
Date Received: 08/09/95
Date Extracted: 08/10/95
Date Analyzed: 08/11/95

SJ 28-7 #71 TDP (BRSS)	G01351	5,090	198
SJ 28-7 #103 TDP	G01352	ND	20
SJ 28-7 #71 BPR (BRSS)	G01353	320	20
SJ 28-7 #131 TDP	G01354	ND	18
SJ 28-7 #131 BDP (BRSS)	G01355	24.6	20
SJ 28-7 #131 DHP (BRSS)	G01356	2,690	100
SJ 28-7 #224 BPR (BRSS)	G01357	179	19
SJ 28-7 #224 TDP	G01358	ND	20
SJ 28-7 #134 LF-BPR	G01359	ND	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: mk

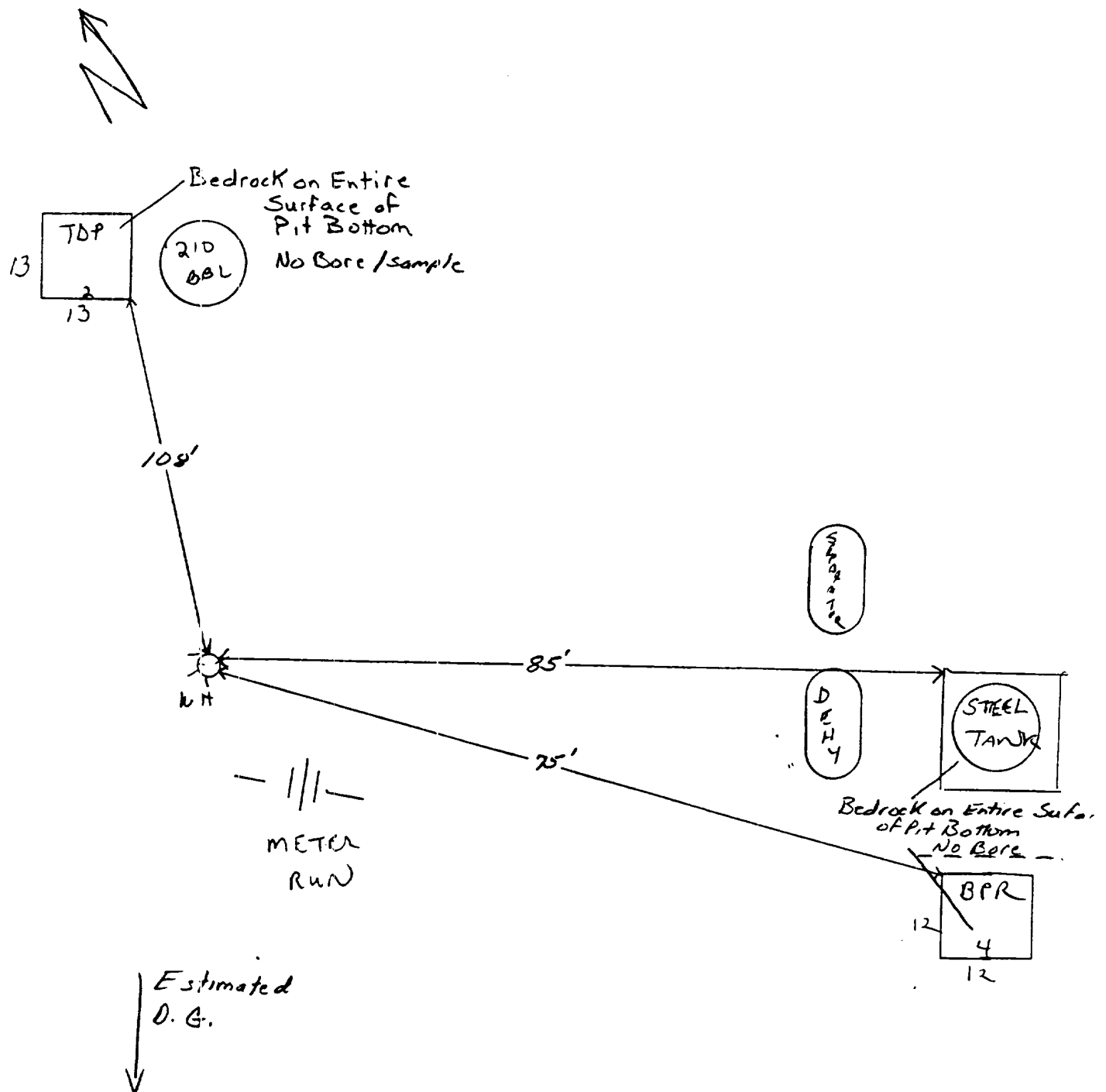
PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #1

WELL LOCATION: SAN JUAN 28-7 #224 S28 T28N R7W UNIT #

DATE STARTED: 6/16/95

DATE COMPLETED: _____

Conoco Inc.



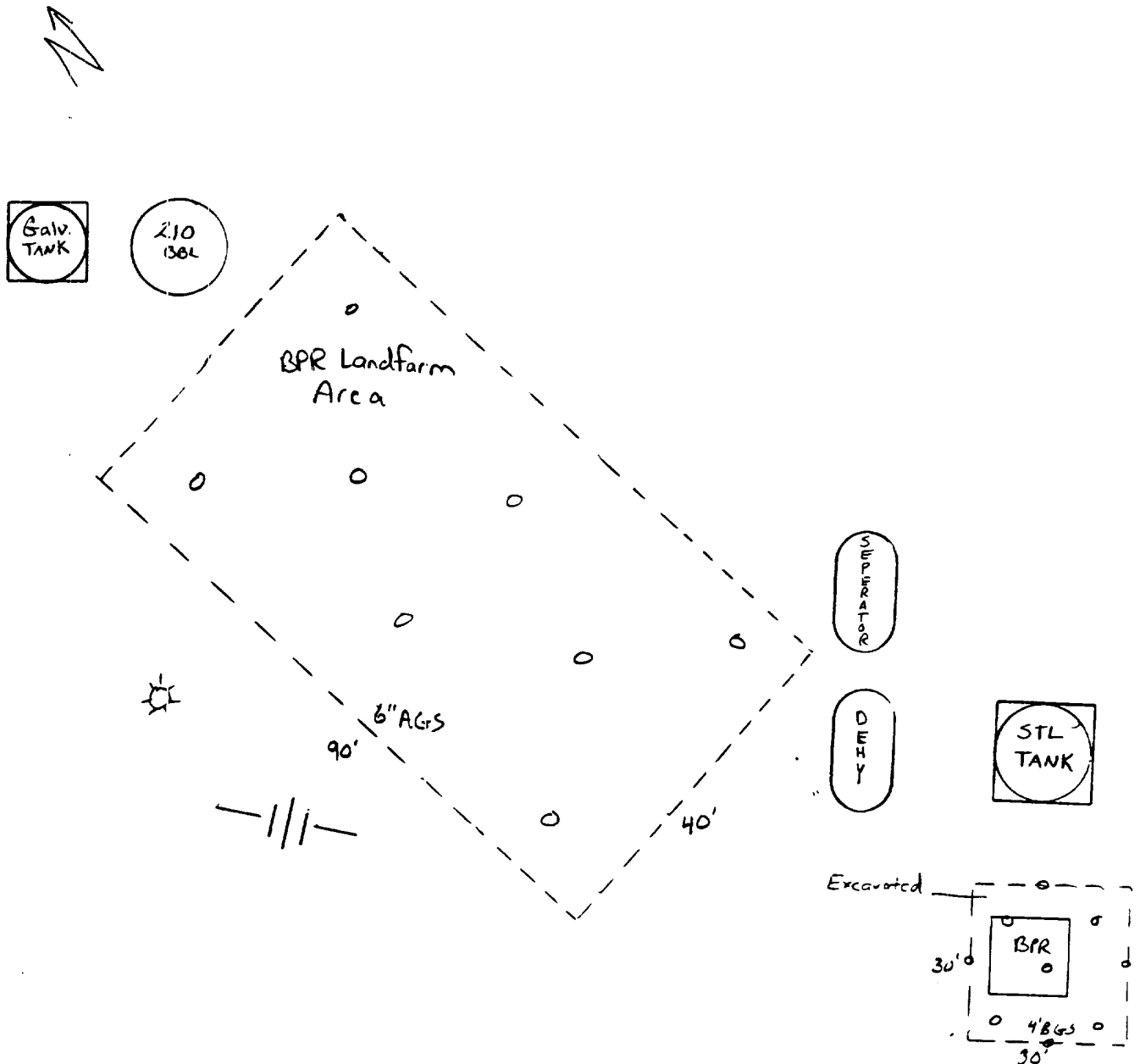
PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #2

WELL LOCATION: San Juan 28-7 #224 S 28 T 28N R 7W UNIT H

DATE STARTED: 8/8/95

DATE COMPLETED: _____

Remediation / Excavation Data



○ SOIL SAMPLE LOCATION

△ BACKGROUND SAMPLE LOCATION