

SAN JUAN BASIN

PIT CLOSURE DOCUMENTATION

LOCATION: HAMN R FLD. 1 (F-35-29-10)RCRA EXEMPT
WASTES:Yes ☒ No ☐PIT TYPE: SEPATE FLOW TO PIT STOPPED: BEFORE 1988

ACREAGE

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

SITE ASSESSMENT

DEPUTY OIL & GAS INSPECTOR

Ranking Score

1) Groundwater Depth: > 100'Basis: LOCATION IS ON MESA ABOVE RIVER BASIN 0

2) Wellhead Protection Area:

Distance To

Water Sources: > 1000' Private Domestic Water Sources: > 200'Basis: NO FRES WTR EXTRACTION, PRIVATE OR DOMESTIC USE CLOSE BY. 03) Distance To Surface Body of Water: > 1000'Basis: SAN JUAN RIVER APPROX. 1 1/2 MILE NORTH, IRRIGATION CANAL 0
APPROX 1 MILE NORTH OF LOCATION.Total Score: 0

Soil Characteristic

☐ Highly Contaminated/Saturated☒ Unsaturated Contaminated

RANKING CRITERIA

Depth to Groundwater	Wellhead I	Location Area	Distance to Surface Water Body	Score	Rank
	<1000' fr or < 200' domestic	water source own private other 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 Headpace			
Method for BTEX	100	100	100
TPH (ppm) **	100	1,000	5,000

** Concentration above background

DEFINITION OF CONTAMINATION

Date: _____

Depth Excavated: _____

Full Excavation: ☐ Maximum Extent Practicable

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

Groundwater Encounter: Yes ☐ No ☒

If yes, approximate depth: _____

Groundwater Sampling? ☐ Yes ☐ No

Where was gw sample taken? _____

Attach GW Sample Results

Denny S. Faust
DEPUTY OIL & GAS INSPECTOR

NOTES:

JUN 19 1995

A+A

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REMEDATION PROFILE

Soil Treated Onsite

☐

Date Remediation Started: _____

☐ In Situ

☐ w/vapor venting

☐ Landfarmed

☐ Composted

Date:	
Tilled	
Nutrients	
Moisture	
Bulking Agent	
Organic Material	

Description	Amount/Rate	Date:	Description	Amount/Rate

Date:	
Tilled	
Nutrients	
Moisture	
Bulking Agent	
Organic Material	

Description	Amount/Rate	Date:	Description	Amount/Rate

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

SOIL TREATED/HANDLED OFFSITE

TO SITE (ATTACH MANIFEST)

Where Treated:

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

Quantity Moved:

Quantity Disposed / Envirotech:

FROM SITE (ATTACH MANIFEST)

To This Location From:

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

Quantity Moved:

FINAL CLOSURE

BTEX: 1 ppm From Headspace Analysis

TPH: ND ppm (From Lab Results)

Revegetated:

yes ☐

no ☐

Active Well or Facility Pad:

yes ☐

no ☐

NOTES: 5-24-93 - PULLED COMPOSITE ODM SAMPLES 3-5' DEPTH -

SOIL APPLIED CLAY, 10-13-93 - CLOSED PIT & DOMED

1-1-95 - PULLED SAMPLES FROM SEE PIT AREA RAW OVA & TPH ANALYSIS,

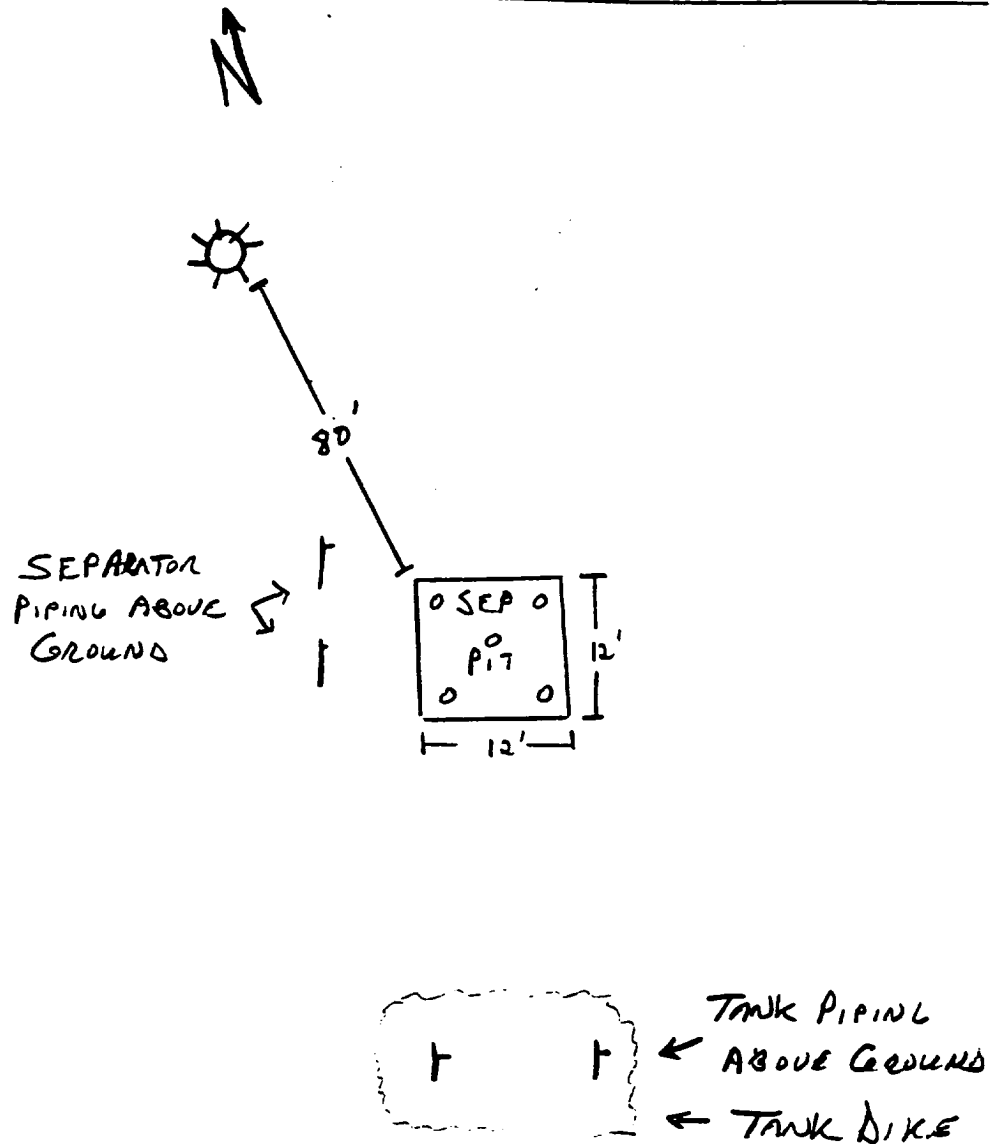
LEVELS BELOW REQUIREMENTS.

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: JAMNER FED 1 S 32 T 29N R 10W UNIT E

DATE STARTED: 5-24-93

DATE COMPLETED: 10-13-93



* 5/24/93 - PID HEADSPACE ANAL = 3.3 PPM @ 86°

- REMOVE PIPING, LEVEL DIKE, TAKE DOWN PIT FENCE (HOGWIRE: POST), REMOVE SEPARATOR BLOCKS.

o SOIL SAMPLE LOCATION

A BACKGROUND SAMPLE LOCATION

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT: Harbor Fed 1 TYPE OF PIT: SEP

	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT # 3	SAMPLE EVENT # 4	SAMPLE EVENT # 5	SAMPLE EVENT # 6	SAMPLE EVENT # 7	SAMPLE EVENT # 8	SAMPLE EVENT # 9	SAMPLE EVENT # 10	SAMPLE EVENT # 11	SAMPLE EVENT # 12	SAMPLE EVENT # 13	SAMPLE EVENT # 14	SAMPLE EVENT # 15	SAMPLE EVENT # 16	SAMPLE EVENT # 17	SAMPLE EVENT # 18	SAMPLE EVENT # 19	SAMPLE EVENT # 20
DATE OF SAMPLE	5-24-93	1-4-95																		
LOCATION OF SAMPLE	SLP	SEP																		
TYPE OF SAMPLE: (GRAB/COMPOSITE)	9 PT COMPOSITE	5 PT COMPOSITE																		
DEPTH OF SAMPLE(S)	3-5'	0-5'																		
TEMPERATURE OF SAMPLE	86°	64°																		
FIELD METHOD RESULTS (PPMS)																				
TPH VAPORS (EQUIV UNITS)	3	2																		
BENZENE RESPONSE FACTOR	1.47	1.47																		
ADJUSTED FOR BENZENE EQUIV UNITS	1	1																		
LAB RESULTS IN PPM: METHOD (418.1 OR MOD 8018)	-	418.1																		
TPH	-	ND																		
NOTES		PULLED SAMPLE FOR TPH ANAL																		

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco Inc.

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

Date Reported: 01/13/95
Date Sampled: 01/04/95
Date Received: 01/04/95
Date Extracted: 01/12/95
Date Analyzed: 01/12/95

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
#7 Hamner Fed. #1 (SEP)	2468	ND	20

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: Garman