

SAN JUAN BASIN CONOCO

PIT CLOSURE DOCUMENTATION

LOCATION: FEDERAL 18 (G-6-29-11)

RCRA EXEMPT

WASTES:

Yes ☒ No ☐PIT TYPE: SEPDATE FLOW TO PIT STOPPED: BEFORE 1988

ACREAGE

TYPE:

☒ FEDERAL☐ JICARILLA☐ NAVAHO

DEPUTY OIL & GAS INSPECTOR

☐ STATE☐ FEE

JUN 19 1995

SITE ASSESSMENT

1) Groundwater Depth: > 100'

Ranking Score

Basis: LOCATED ON CROUCH MESA0

2) Wellhead Protection Area:

Distance To

Water Sources: > 1000' Private Domestic Water Sources: > 200'Basis: NO FRESH WTA EXTRACTION CHASE03) Distance To Surface Body of Water: > 1000'Basis: ANIMAS RIVER BASIN APPROX. 3-4 MILES NORTH0

Total Score:

0

Soil Characteristic

☐ Highly Contaminated/Saturated☒ Unsaturated Contaminated

RANKING CRITERIA

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

GUIDELINE REMEDIATION LEVELS

Total Ranking Score			
	>19	10-19	0-9
Benzene (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: _____

Depth Excavated: _____

Full Excavation: ☐ Maximum Extent Practicable _____

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:

D+A

1015

REMEDIATION PROFILE

Soil Treated Onsite ☐

Date Remediation Started: _____

☐ In Situ Bio

☐ w/vapor venting

☐ Landfarmed

☐ Composted

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

Date: _____	Description	Amount/Rate	Date: _____	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: 1 ppm (From Headspace Analysis)

TPH: ND ppm (From Lab Results)

Revegetated: yes ☐ no ☐

Active Well or Facility Pad: yes ☐ no ☐

NOTES: 5-21-93 - RAN COMPOSITE DUM 3-5' DEPTH - SOIL APPEARED CLEAN

10-13-93 - CLOSED PIT & DOMED

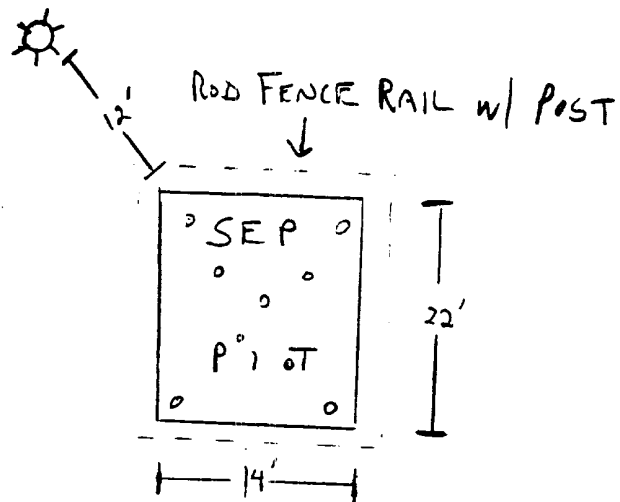
1-4-95 - PULPED SAMPLES FROM SEP PIT AREA, RAN DUA & TPH ANALYSIS,
1 FURLS BELOW REQUIREMENTS

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: FEDERAL 18 S 6 T 29 N R 11 W UNIT G

DATE STARTED: 5-21-93

DATE COMPLETED: 10-13-93



5/21/93 - PID HEADSPACE ANAL =
1.8 ppm @ 82°

o SOIL SAMPLE LOCATION

A BACKGROUND SAMPLE LOCATION

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT: FEDERAL 18 TYPE OF PIT: 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	5-21-93	10/26/94	1-4-94						
LOCATION OF SAMPLE	SEP	SEP	SIP						
TYPE OF SAMPLE: (GRAB/COMPOSITE)	9 PT COMPOSITE	SPT COMPOSITE	SPT COMPOSITE						
DEPTH OF SAMPLE(S)	3-5'	0-5'	0-5'						
TEMPERATURE OF SAMPLE	82°	63°F	75°						
FIELD METHOD RESULTS (PPMS)									
TPH VAPORS (EQUIV UNITS)	2		3						
BENZENE RESPONSE FACTOR	.47		.47						
ADJUSTED FOR BENZENE EQUIV UNITS	1		1						
LAB RESULTS IN PPM: METHOD (418.1 OR MOD 8018)	-		418.1						
TPH	-		N/D						
NOTES		Location closed PIA	PULLED SAMPLE FOR TPH ANAL						

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco Inc.Project: Soil TPH
Matrix: Soil
Condition: Intact/CoolDate 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
#6 Federal 18 (SEP)	2467	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 SchaeferReviewed: Barman