

LOCATION: SAN JUAN 28-7 #71RCRA EXEMPT
WASTES:Yes ☒ No ☐PIT TYPE: BRP (ACTIVE) S-34, T-28N, R-7W, Unit-LDATE FLOW TO PIT STOPPED: 8/15TYPE REPLACEMENT PIT: ☐ NONE ☐ BACKFILLED - BELOW GROUND ☒ ABOVE GROUND

ACREAGE

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

SITE ASSESSMENT

1) Groundwater Depth: ESTIMATE > 100'

Ranking Score

Basis: ELEVATION FROM WASH0

2) Wellhead Protection Area:

Distance To

Water Sources: > 1000' Private Domestic Water Sources: > 200'Basis: NO PRIVATE OR DOMESTIC WATER SOURCES IN VICINITY03) Distance To Surface Body of Water: > 1000'Basis: NO SURFACE WATER IN VICINITY0

Total Score:

0

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 sources	
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: 8/8/95Depth Excavated: 8' RGSFull Excavation: ☐ Maximum Extent Practicable Hit Resistant Bedrock @ 8' RGS

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:

DEPUTY OIL & GAS INSPECTOR

JUN 11 8 1996

Approved

RECEIVED

MAR 18 1996

OIL CON. DIV.
DIST. 3

REMEDIATION PROFILE

Soil Treated Onsite ☒

Date Remediation Started: 8/7/95

☒ In Situ Bio

☐ w/vapor venting

☒ Landfarmed

☐ Composted

Date: 8/8/95	Description	Amount/Rate	Date:	Description	Amount/Rate
Tilled					
Nutrients	34-0-0 Landfarmed Soil	3.5 lbs		34-0-0 @ bedrock bottom	1 lb
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: ppm (From Headspace Analysis)

TPH: 320 ppm (From Lab Results)

Revegetated:

yes ☐ no ☒

Active Well or Facility Pad:

yes ☒ no ☐

NOTES: 8/8/95 Excavated pit to 8' BGS @ 11' resistant bedrock layer @ 8' BGS

Took 4 pt composite sample of 4 side walls @ 0 VM = 45.2 ppm @ 74°

Took 5 pt composite of bedrock surface @ 8' BGS; 0 VM = 335.1 ppm @ 75°

Sent bedrock sample in for TPH.

Fertilized bottom of excavated area @ 8' BGS w/ 1 lb of 34-0-0

NOTES: BPR:

8/8/95 Landformed excavated soil on site.

Took 5 pt Comp. Sample of landform area: OVM = 543 ppm @ 77°
(500 ft²)

Treated Landformed Soil w/ 3.5 lbs of 34-0-0 Fertilizer

2/16/95 5 pt Composite of Landformed Soil: OVM = 507 ppm @ 70°

2/15/96 - SAMPLED LF; DIA: TPH LEVELS BELOW
REQUIREMENT FOR AREA, CLOSED PIT.

CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES *Conoco Inc.*

LOCATION OF PIT

San Juan 28-7 #71

TYPE OF PIT:

BPR

LOCATION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT # 3	SAMPLE EVENT # 4	SAMPLE EVENT # 5	SAMPLE EVENT # 6	SAMPLE EVENT # 7	SAMPLE EVENT #
DATE OF SAMPLE	<i>7/11/95</i>	<i>7/11/95</i>	<i>8/8/95</i>	<i>8/8/95</i>	<i>8/8/95</i>	<i>8/16/95</i>	<i>2/15/96</i>	
LOCATION OF SAMPLE	<i>BPR</i>	<i>BPR</i>	<i>BPR</i>	<i>BPR</i>	<i>BPR</i>	<i>BPR</i>	<i>BPR</i>	
OF SAMPLE:								
(GRAB/COMPOSITE)	<i>Grab</i>	<i>Grab</i>	<i>Composite</i>	<i>Composite</i>	<i>Composite</i>	<i>Composite</i>	<i>Composite</i>	
DEPTH OF SAMPLE(S)	<i>3'</i>	<i>3'-4'</i>	<i>8' BG5</i>	<i>8' BG5</i>	<i>Landform</i>	<i>Landform</i>	<i>0-6"</i>	
TEMPERATURE OF SAMPLE	<i>78°</i>	<i>76°</i>	<i>74°</i>	<i>75°</i>	<i>77°</i>	<i>70°</i>	<i>67°</i>	
METHOD RESULTS (PPMS)								
TPH VAPORS (EQUIV UNITS)	<i>3962 ppm</i>	<i>433 ppm</i>	<i>45.2 ppm</i>	<i>335.1 ppm</i>	<i>543 ppm</i>	<i>507 ppm</i>	<i>ND</i>	
BENZENE RESPONSE FACTOR	<i>.47</i>	<i>.47</i>	<i>.47</i>	<i>.47</i>	<i>.47</i>	<i>.47</i>	<i>.47</i>	
ADJUSTED FOR BENZENE								
EQUIV UNITS	<i>1862</i>	<i>204</i>	<i>21</i>	<i>158</i>	<i>255</i>	<i>238</i>	<i>-</i>	
RESULTS IN PPM:								
METHOD (418.1 OR MOD 8015)								
TPH				<i>418.1</i>			<i>418.1</i>	
NOTES	<i>Grey clay</i>	<i>Hit Bedrock @ 4'</i>	<i>Sample of 4 side walls Excavated All of Contaminated Soil</i>	<i>Sample of Bedrock @ bottom of excavated area @ 8' BG5</i>	<i>Sample of Excavated Soil which was Landform & treated</i>	<i>Landform Soil</i>	<i>Small For TPH No Volatiles</i>	

**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

Sample ID	Lab ID	Result (mg/kg)	Detection Limit (mg/kg)
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: dnna schaefer

Reviewed: mk

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

CORRECTION
SHOULD BE

) BRP LF

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 #71 S34 T28N R7W UNIT L

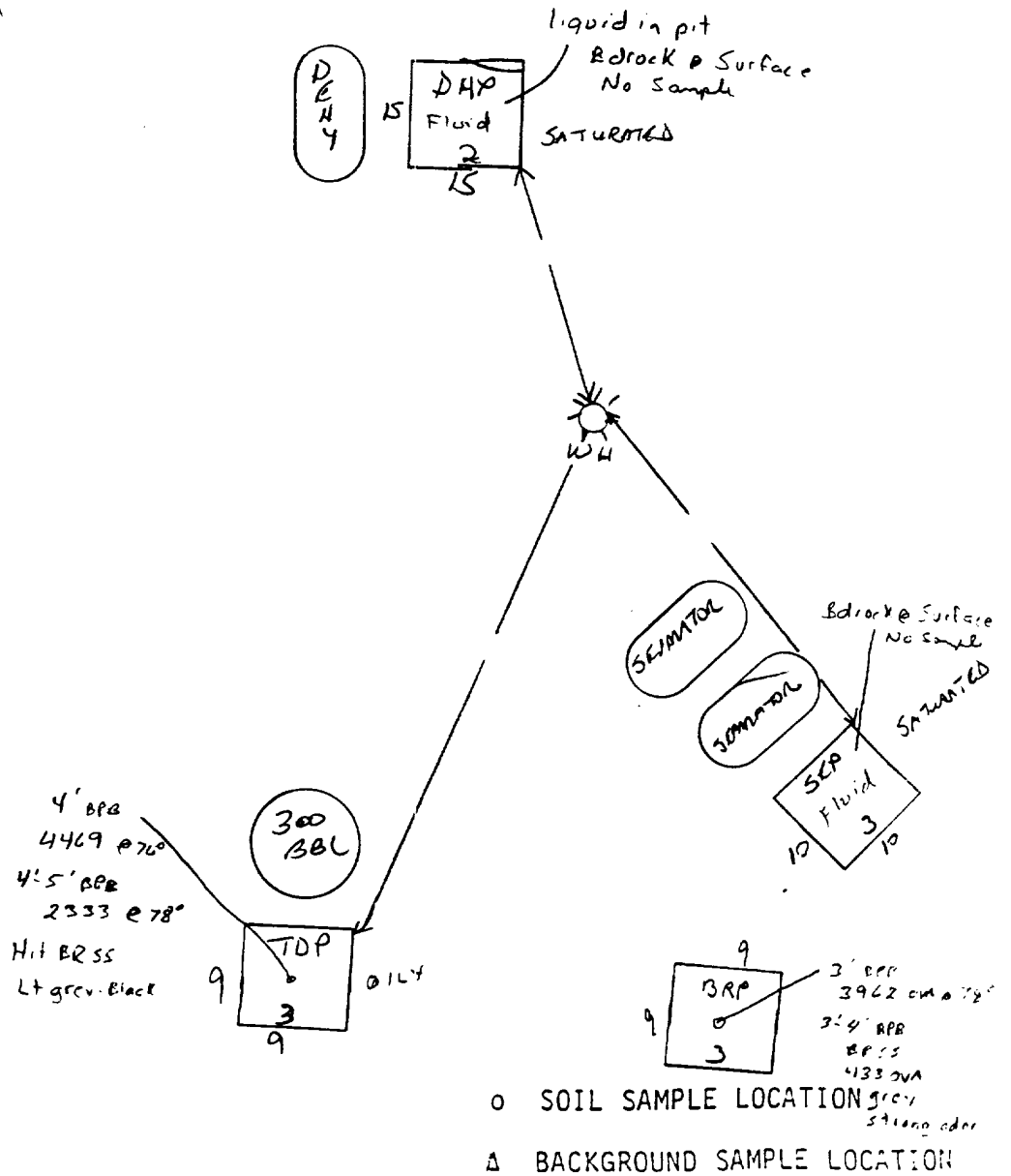
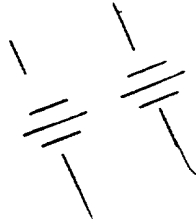
DATE STARTED: 7/11/95

DATE COMPLETED: _____

Conoco Inc.



METAL
RUNS



PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #2

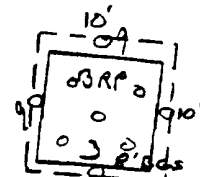
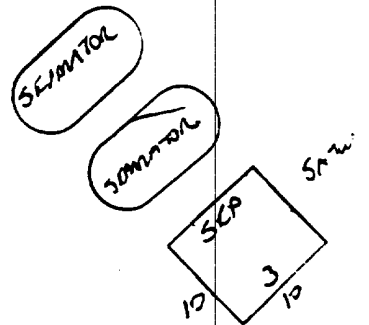
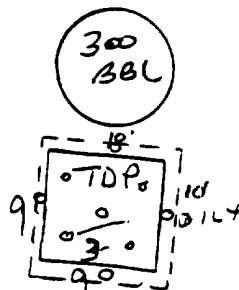
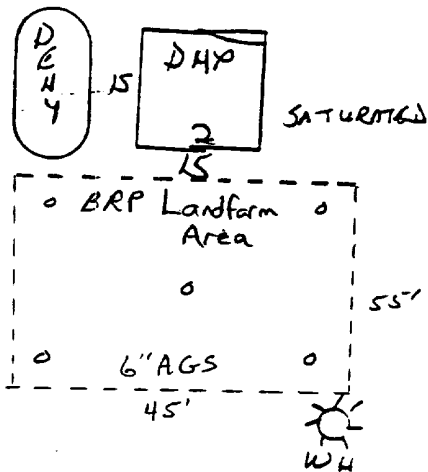
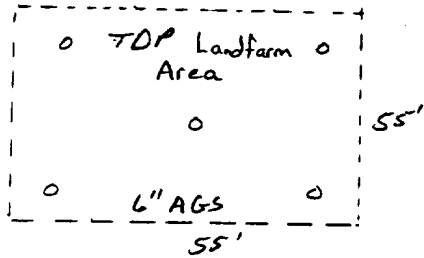
WELL LOCATION: SAN JUAN 28-7 #71 S34 T28N R7W UNIT L

DATE STARTED: _____ DATE COMPLETED: _____

Remediation/Evaluation Data



METER RUNS



○ SOIL SAMPLE LOCATION