

LOCATION: SAN JUAN 28-7 # 23

RCRA EXEMPT WASTES: Yes  No

PIT TYPE: BP RELIEF (A 110K) S-15, T-28N, R-7W, Unit-A

DATE FLOW TO PIT STOPPED: 6/95

TYPE REPLACEMENT PIT:  NONE  BACKFILLED - BELOW GROUND  ABOVE GROUND

ACREAGE TYPE:  FEDERAL  JICARILLA  NAVAHO  STATE  FEE

**SITE ASSESSMENT**

1) Groundwater Depth: ESTIMATE < 50' Ranking Score

Basis: ELEVATION FROM WASH 20

2) Wellhead Protection Area:

Distance To Water Sources: > 1000' Private Domestic Water Sources: > 200'

Basis: NEW DIRT POND ± 1000' EAST? DELGADITA WASH (DW) ± 200' 0

3) Distance To Surface Body of Water: > 1000'

Basis: NO SURFACE WATER IN VICINITY 0

**Total Score:** 20

**Soil Characteristic**

Highly Contaminated/Saturated

Unsaturated Contaminated

**RANKING CRITERIA**

**GUIDELINE REMEDIATION LEVELS**

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

	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: 6/27/95

Depth Excavated: 7

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 Denny E. Faust

Where was gw sample taken? \_\_\_\_\_  
DEPUTY OIL & GAS INSPECTOR

Attach GW Sample Results

NOTES:

JUN 11 8 1996

*Approved*

**RECEIVED**  
MAR 18 1996

OIL CON. DIV.  
DIST. 3

**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: 3.6 ppm (From Headspace Analysis)

TPH: ND ppm (From Lab Results)

Revegetated:

yes

no

Active Well or Facility Pad:

yes

no

NOTES: 6-27-95 - ASSESS PIT w/ WESTERN TECHNOLOGIES,

DVA: TPH LEVELS BELOW REQUIREMENT, CLOSED PIT.

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

Conoco Inc.

San Juan 28-7 #23 TYPE OF PIT: BPR

DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT # 3	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	6/27/95	6/27/95	6/27/95					
LOCATION OF SAMPLE	BPR	BPR	BPR					
TYPE OF SAMPLE: (GRAB/COMPOSITE)	2pt Composite	Grab	Grab					
DEPTH OF SAMPLE(S)	5'-7'	5'-7'	5'-7'					
TEMPERATURE OF SAMPLE	76°	74°	77°					
FIELD METHOD RESULTS (PPMS)								
TPH VAPORS (EQUIV UNITS)	7.6 ppm	0.8 ppm	1.3 ppm					
BENZENE RESPONSE FACTOR	.47	.47	.47					
ADJUSTED FOR BENZENE EQUIV UNITS	3.6	3.8	0.6					
LAB RESULTS IN PPM: METHOD (418.1 OR MOD 8016)	418.1							
TPH	< 10							
NOTES	No Odor or stain. Composite taken from sample event # 2 & 3							



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CLIENT WESTERN TECHNOLOGIES, INC.  
400 LORENA AVENUE  
FARMINGTON, NM 87401

SAMPLE NO. : 6502761  
INVOICE NO. : 3185W039  
REPORT DATE: 07-04-95  
REVIEWED BY: *[Signature]*  
PAGE : 1 OF 1

CLIENT SAMPLE ID : 28-7 #23 BPR Conoco Pit  
SAMPLE TYPE .....: Soil  
SAMPLED BY .....: B. Sutton  
SUBMITTED BY .....: B. Sutton  
SAMPLE SOURCE ....: S15T28NR7W Unit A

AUTHORIZED BY : D. Cesark  
CLIENT P.O. : --  
SAMPLE DATE ...: 06-27-95  
SUBMITTAL DATE : 06-30-95  
EXTRACTION DATE: --

Modified 418.1 - Total Petroleum Fuel Hydrocarbons

D A T A T A B L E

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Detection Limit</u>	<u>Analysis Date</u>
Total Petroleum Hydrocarbons .....	<10.	mg/kg	10.	07-03-95

(1) Copy to Client

*[Signature]*  
Managing Director

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #1

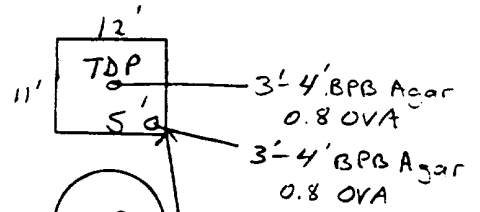
WELL LOCATION: SAN JUAN 28-7 #23 S 15 T 28N R 7W UNIT A

DATE STARTED: 6/27/95 DATE COMPLETED: \_\_\_\_\_

Conoco Inc.

Amoco  
hol.  
#404

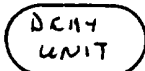
\* Composite TPH  
Composite OVA = 0.2 ppm @ 66°



115'



103'

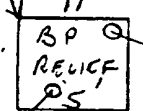


10'-12' BPB  
0.8 OVA  
15'-17' BPB  
0.4 OVA

Estimated  
D.G.  
↓

113'

\* Composite TPH  
Composite OVA = 7.6 ppm @ 76°



5'-7' BPB 5-72  
1.30 OVA 0.82

- o SOIL SAMPLE LOCATION
- Δ BACKGROUND SAMPLE LOCATION