

SAN JUAN BASIN *Conoco Inc.*

PIT CLOSURE DOCUMENTATION

LOCATION: SAN JUAN 28-7 # 25A

RCRA EXEMPT WASTES: Yes No

PIT TYPE: BP RELIEF (ACTIVE) S-1, T-27N, R-7W, Unit C

DATE FLOW TO PIT STOPPED: 4/95

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: FLUCTUATION FROM WASH 20
 - 2) Wellhead Protection Area:
Distance To Water Sources: > 1000' Private Domestic Water Sources: > 200'
Basis: CARRIZA WASH ± 1/4 mi 0
 - 3) Distance To Surface Body of Water: > 1000'
Basis: CARRIZA WASH ACTIVE ± 1/4 mi 0
- Total Score: 20

Soil Characteristic

Highly Contaminated/Saturated

Unsaturated Contaminated

RANKING CRITERIA

Depth to Groundwater	Wellhead Protection Area	Distance to Surface Water Body	Score	Rank
<30 ft	<1000' from water source or < 200' from private domestic water source	<200' horiz	20	20
<50 - 99	yes	200 - 1000' horiz	10	10
>100 ft	no	>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 Headspace Method for BTEX	100	100	100
TPH (ppm)**	100	1,000	5,000

** Concentration above background

DEFINITION OF CONTAMINATION

Date: 4/22/95

Depth Excavated: 9'

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:

DEPUTY OIL & GAS INSPECTOR

KJUN 18 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: 0.4 ppm (From Headspace Analysis)

TPH: NO ppm (From Lab Results)

Revegetated:

yes

no

Active Well or Facility Pad:

yes

no

NOTES: 6-22-95 - ASSESS PIT w/ WESTERN TECHNOLOGIES

OVA : TPH LEVELS BELOW REQUIREMENTS, CLOSED PIT

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

Canoco Inc

LOCATION OF PIT: Spo. Span 28-7 #35A TYPE OF PIT: BPR

DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT # 3	SAMPLE EVENT # 4	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	6/22/95	6/22/95	6/22/95	6/22/95	6/22/95		
LOCATION OF SAMPLE	BPR	BPR	BPR	BPR	BPR		
TYPE OF SAMPLE: (GRAB/COMPOSITE)	2pt Composite	Grab	Grab	Grab	Grab		
DEPTH OF SAMPLE(S)	7'-9'	3'-4'	7'-9'	7'-9'	7'-9'		
TEMPERATURE OF SAMPLE	76°	68°	74°	78°	78°		
FIELD METHOD RESULTS (PPMS)							
TPH VAPORS (EQUIV UNITS)	0.8	806 ppm	4.3 ppm	3.4 ppm			
BENZENE RESPONSE FACTOR	.47	.47	.47	.47			
ADJUSTED FOR BENZENE EQUIV UNITS	0.4	379	2.0	1.6			
TPH RESULTS IN PPM: METHOD (418.1 OR MOD 8016)	418.1						
TPH	< 10						
NOTES	No odor or HC stain.	Hand Agar bore in the center of pit.	Additional sample w/ probe in center of pit.	Down Grad. corner of pit bore.			



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

SAMPLE NO. : 6502759
INVOICE NO.: 3185W039
REPORT DATE: 07-04-95
REVIEWED BY: *JSN*
PAGE : 1 OF 1

CLIENT SAMPLE ID : 28-7 #35A BPR Conoco Pit
SAMPLE TYPE: Soil
SAMPLED BY: B. Sutton
SUBMITTED BY: B. Sutton
SAMPLE SOURCE: S1T28NR7W Unit C

AUTHORIZED BY : D. Cesark
CLIENT P.O. : --
SAMPLE DATE ...: 06-22-95
SUBMITTAL DATE : 06-30-95
EXTRACTION DATE: --

REMARKS -

Corrected sample ID

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

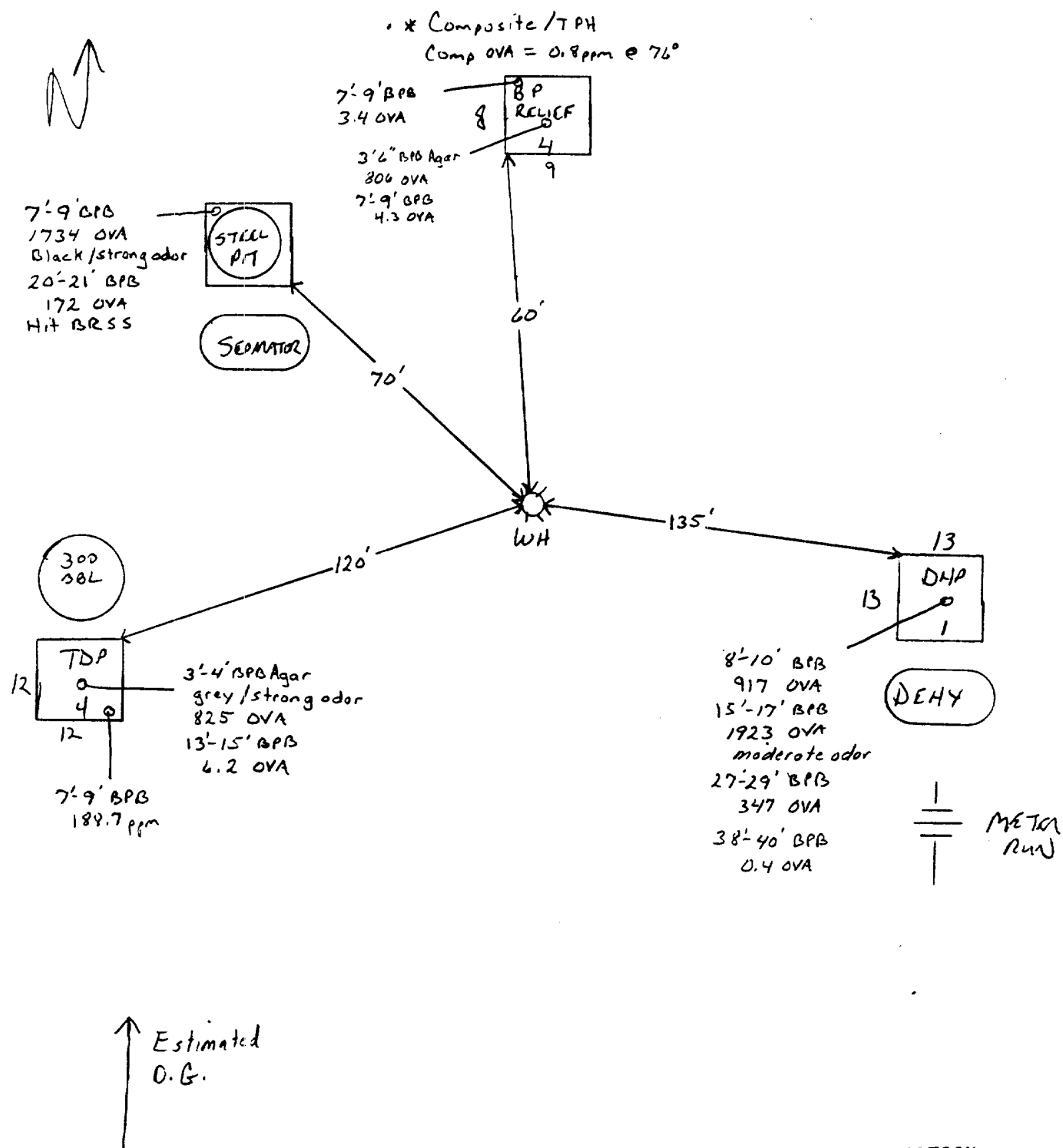
[Signature]
Managing Director

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #1

WELL LOCATION: San Juan 28-7 #35A S 1 T27N R7W UNIT C

DATE STARTED: 6/22/95 DATE COMPLETED: _____

Conoco Inc.



- SOIL SAMPLE LOCATION
- △ BACKGROUND SAMPLE LOCATION