

OK

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE

P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL-GAS
ADMINISTRATION

Approved

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>PNM Gas Services (Conoco)</u>		Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>			
Facility or Well Name: <u>Jicarilla K-9</u>			
Location:	Unit: <u>m</u>	Sec. <u>12</u>	T. <u>25</u> N R. <u>5</u> W County <u>Rio Arriba</u>
Pit Type:	Separator <input checked="" type="checkbox"/>	Dehydrator <input type="checkbox"/>	Other <input type="checkbox"/>
Land Type: <u>Jicarilla Apache</u>			
Pit Location: Pit dimensions: length <u>16'</u> width <u>16'</u> depth <u>2'</u>			
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other <input type="checkbox"/>		
Footage from reference: <u>72'</u>			
Direction from reference: <u>Due</u> Degrees <u> </u> East <u> </u> North <u> </u>			
<u> </u> West of <u> </u> South <input checked="" type="checkbox"/>			
Depth to Ground Water: <small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>			
		Less than 50 feet	(20 points)
		50 feet to 99 feet	(10 points)
		Greater than 100 feet	(0 points)
			<u>0</u>
Wellhead Protection Area: <small>(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)</small>			
		Yes	(20 points)
		No	(0 points)
			<u>0</u>
Distance to Surface Water: <small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>			
		Less than 200 feet	(20 points)
		200 feet to 1,000 feet	(10 points)
		Greater than 1,000 feet	(0 points)
			<u>0</u>
Distance to Ephemeral Stream (dry wash): <small>(Horizontal distance to all downgradient streams having a width of at least 10 feet)</small>			
		Less than or equal to 100 feet	(10 points)
		Greater than 100 feet	(0 points)
			<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond: <small>(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)</small>			
		Less than or equal to 100 feet	(10 points)
		Greater than 100 feet	(0 points)
			<u>0</u>
RANKING SCORE (TOTAL POINTS):			<u>0</u>

Date Remediation Started:

7/14/98

Date Completed:

7/28/98

Remediation Method:

Excavation

X

Approx. Cubic Yards

72

(Check all appropriate sections)

Landfarmed

Amount Landfarmed (cubic yds):

0

Other

Remediation Location:

Onsite

Offsite

(i.e., landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action:

Found no contaminated soil in this pit above 38.7 ppm head space reading. Excavation size: 18'x18'x6'

Ground Water Encountered:

No

X

Yes

Depth

Final Pit Closure

Sampling:

Sample Location

North, East, South, West side walls and pit bottom.

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth

6'

Sample date

7/14/98

Sample time

1508

Sample Results

Soil: Benzene (ppm)

Water: Benzene (ppb)

Total BTEX (ppm)

Toluene (ppb)

Field headspace (ppm)

38.7

Ethylbenzene (ppb)

TPH

ND

ppm

Method

8015

Total Xylenes (ppb)

Ground Water Sample:

Yes

No

X

(If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE

7/28/98

PRINTED NAME

Ronald A. Dedrick

SIGNATURE

Ronald A. Dedrick

AND TITLE

Environmental Technician II

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES

X

NO

(REASON):

SIGNED:

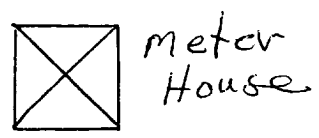
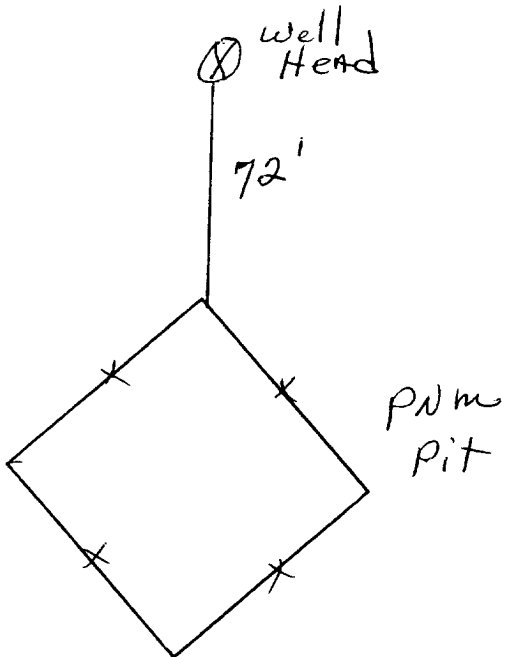
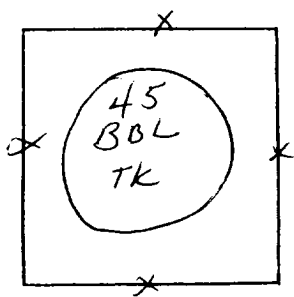
Karl Yman

DATE:

7-28-98

Jicarilla K-7
Sec. 12 T25N R5W Unit M
Conoco

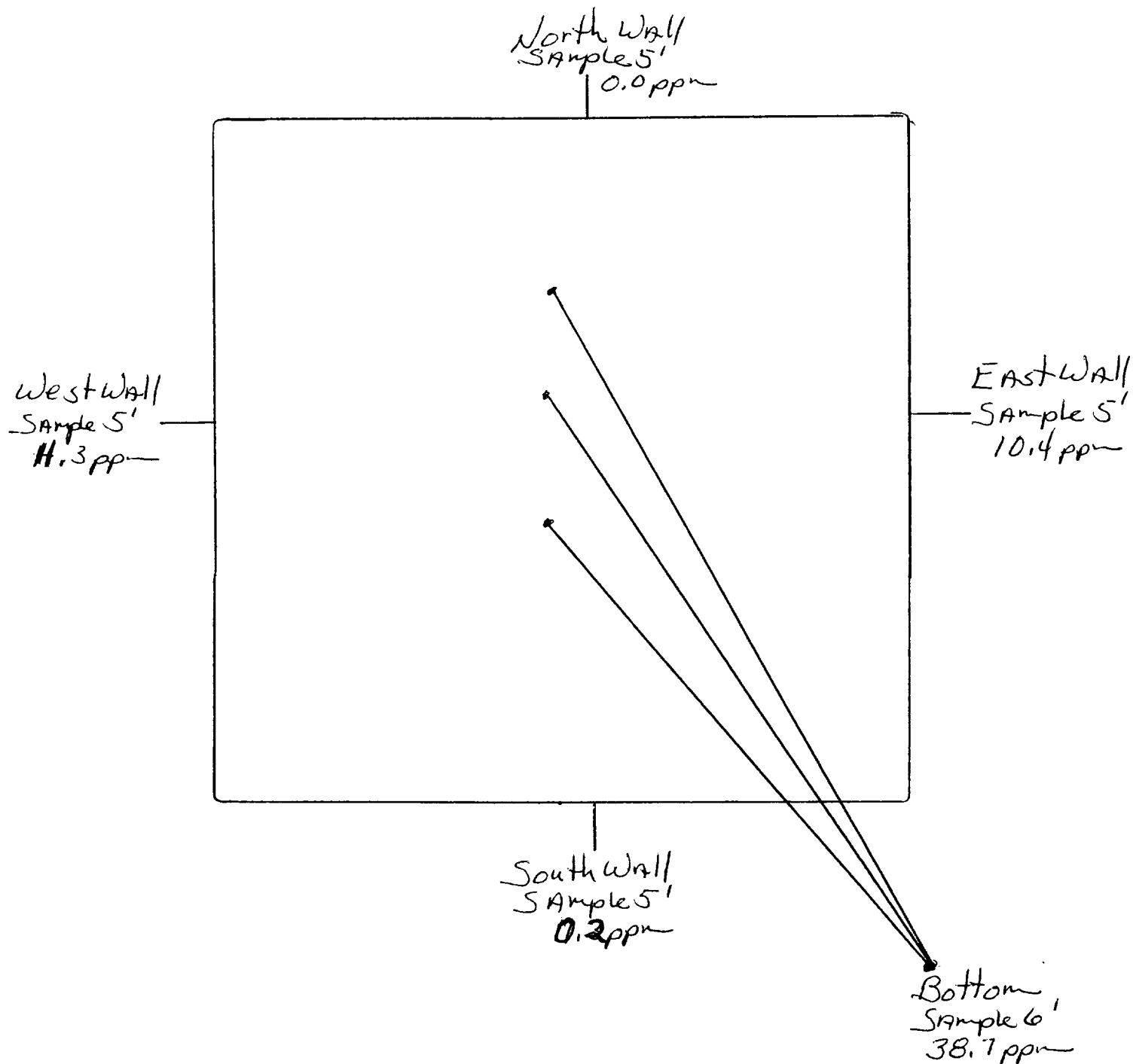
Site Drawing



JICARILLA R-1
Sec. 12 T25N R5W Unit M
Conoco

18x18x6'

Excavation Drawing



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jul-98

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation

Lab Order: 9807041

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

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LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jul-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jicarilla K-9
Work Order:	9807041	Client Sample ID:	9807141506; 3pt. Comp. Bottom
Lab ID:	9807041-06A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	7/14/98 3:08:00 PM
		COC Record:	7264

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/22/98

Qualifiers:

PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Surr: - Surrogate

1 of 1

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ANALYTICAL REPORT

Date: 28-Jul-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jicarilla K-9
Work Order:	9807041	Client Sample ID:	9807141505; 4pt. Comp. Walls
Lab ID:	9807041-05A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	7/14/98 3:05:00 PM
		COC Record:	7264

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/22/98

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1 of 1

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