

DEPUTY OIL & GAS INSPECTOR

FEB 08 1999

ENVIRONMENTAL PROTECTION OFFICE

**P.O. BOX 507
DULCE, NEW MEXICO 87528**

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Amoco) **Telephone:** 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: JICARILLA B-2E

Location: Unit: J Sec. 16 T. 26 N R. 5 W County Rio Arriba

Pit Type: Separator Dehydrator ☒ Other

Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 20' width 20' depth 4'

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 135'

Direction from reference: 80° Degrees East North
 West ← of South

Depth to Ground Water:

(Vertical distance from contaminants to seasonal high water elevation of ground water)

Less than 50 feet	(20 points)
50 feet to 99 feet	(10 points)
Greater than 100 feet	(0 points)

Wellhead Protection Area:

(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)

Yes (20 points)
No (0 points)

Distance to Surface Water:

(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)

Less than 200 feet	(20 points)
200 feet to 1,000 feet	(10 points)
Greater than 1,000 feet	(0 points)

Distance to Ephemeral Stream (dry wash):

(Horizontal distance to all downgradient streams having a width of at least 10 feet)

Less than or equal to 100 feet	(10 points)
Greater than 100 feet	(0 points)

Distance to Nearest Lake, Playa, or Watering Pond:

(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)

Less than or equal to 100 feet	(10 points)
Greater than 100 feet	(0 points)

RANKING SCORE (TOTAL POINTS) :

Date Remediation Started: 6/16/98 Date Completed: 6/29/98
Remediation Method: Excavation X Approx. Cubic Yards ^{RAD} ~~288~~ ^{RAD} ~~312~~ 336
(Check all appropriate sections) Landfarmed ~~RB~~ Amount Landfarmed (cubic yds): 0
Other _____

Remediation Location: Onsite _____ Offsite ^{RAD} ~~322~~ ^{cuyds} ~~336~~ X TNT LAND FARM
(i.e., landfarmed onsite, name and location of offsite facility) Schmitz Ranch N.M.
Overburden 14 cu. yds.

General Description of Remedial Action:

Removed contaminated soil from all four side walls
AS TO get a below 100ppm headspace reading. Bottom
was sandstone rock. 3 PT Composite of bottom
EXCAVATION SIZE 36'X36'X7'

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

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

Sample Location North, East, South, West side walls
and P.T. bottom

Sample depth 6'

Sample date 6/17/98 Sample time 0742

Sample Results

Soil: Benzene (ppm) _____ Water: Benzene (ppb) _____

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 86.5 Ethylbenzene (ppb) _____

TPH 70 ppm Method 8015 Total Xylenes (ppb) _____

Ground Water Sample: Yes ~~RB~~ 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 6/27/98

PRINTED NAME Roy Burnham

SIGNATURE Roy Burnham

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.

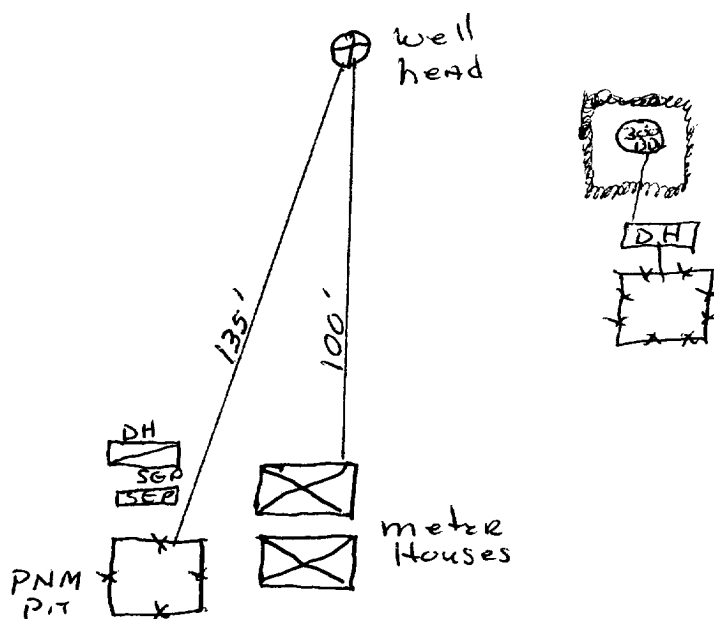
APPROVED: YES X NO _____ (REASON): _____

SIGNED: Kurt M. Hall

DATE: 6-29-98

Jicarilla B-2E
Sec 16 T26N R5W unit 5
Amoco

SITE DRAWING

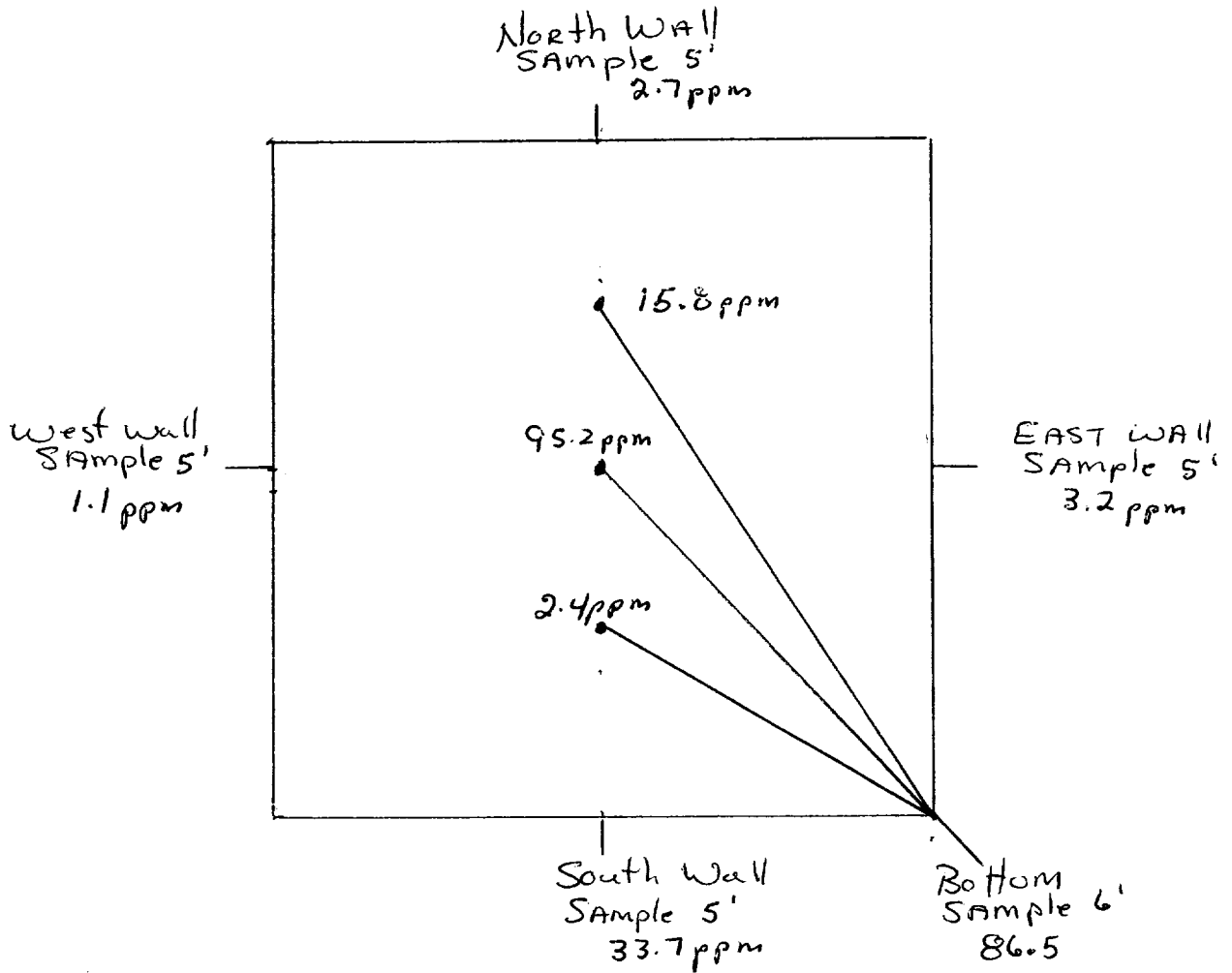


Jicarilla B-2E

Sec-16 T-26N R-5W unit 3

EXCAVATION DRAWING

36'x36'x6'



5' Sample 1307 ppm

Bottom 6' 15.8 ppm
6' 95.2 ppm
6' 2.4 ppm

OFF: (505) 325-5667

ON SITE

LAB: (505) 325-1556

TECHNOLOGIES, LTD.

On Site Technologies, LTD.

Date: 24-Jun-98

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation

Lab Order: 9806079

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.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 24-Jun-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jicarilla B-2E
Work Order:	9806079	Client Sample ID:	9806170742; 3pt. Comp. Bottom
Lab ID:	9806079-04A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/17/98 7:42:00 AM
		COC Record:	5640

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	70	25		mg/Kg	1	6/24/98

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr: - Surrogate

1 of 1

OFF: (505) 325-5667

ON SITE

TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 24-Jun-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jicarilla B-2E
Work Order:	9806079	Client Sample ID:	9806170741; 4pt. Comp. Walls
Lab ID:	9806079-03A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/17/98 7:41:00 AM
		COC Record:	5640

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/24/98

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