

Denny L. Faust  
DEPUTY OIL & GAS INSPECTOR

District II  
P.O. Drawer DD, Aztec, NM 88221  
DEC 17 1998

District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED  
JUL 31 1998

OIL CON. DIV.  
DIST. 3

Operator: PNM Gas Services ( Amoco ) Telephone: 324-3764  
Address: 603 W. Elm Street Farmington, NM 87401  
Facility or Well Name: Kutz J Federal #2  
Location: Unit B Sec 6 T 27 N R 10 W County San Juan  
Pit Type: Separator Dehydrator Other Drip  
Land Type: BLM ☒ State Fee Other

Pit Location: Pit dimensions: length 20 width 20 depth 3  
(Attach diagram) Reference: wellhead ☒ other  
Footage from reference: 90'  
Direction from reference: 5 Degrees ☒ East North ☒  
West 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)	0

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)	0

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)	0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 4/29/98

Date Completed: 5/5/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 233

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 233

Other \_\_\_\_\_

Remediation Location:

Onsite ☒

Offsite \_\_\_\_\_

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

Backfill Material Location: \_\_\_\_\_

## General Description of Remedial Action:

Excavated contaminated soil to a pit size of 21' X 20' X 15' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by disking/plowing until soil met regulatory levels.

Ground Water Encountered:

No ☒

Yes \_\_\_\_\_

Depth \_\_\_\_\_

## Final Pit Closure Sampling:

Sample Location

Bottom of excavation.

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

Sample depth

15'

Sample date

4/29/98

Sample time

3:40:00 PM

## Sample Results

Benzene (ppm) &lt; 0.0010

Total BTEX (ppm) &lt; 0.0070

Field headspace (ppm) \_\_\_\_\_

TPH (ppm)

51.00

Method

8015

Vertical Extent (ft) \_\_\_\_\_

Risk Analysis form attached Yes \_\_\_\_\_

No ☒

Ground Water Sample:

Yes \_\_\_\_\_

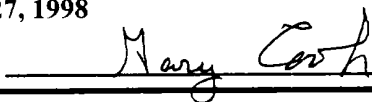
No ☒

(If yes, see attached Groundwater Site Summary Report)

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

DATE July 27, 1998

SIGNATURE



PRINTED NAME Gary Cook

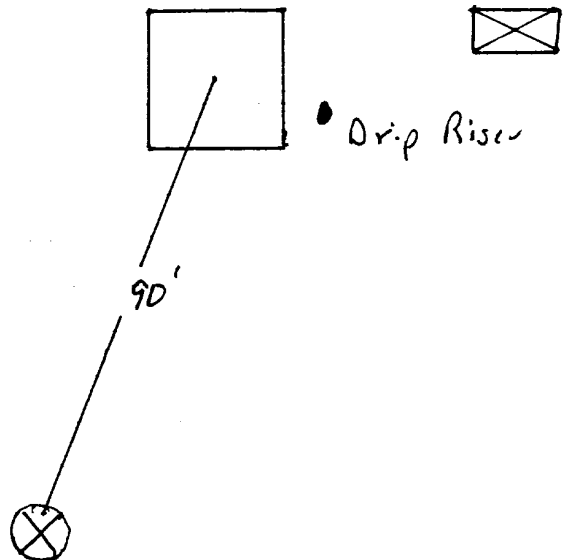
AND TITLE

Environmental Technician III

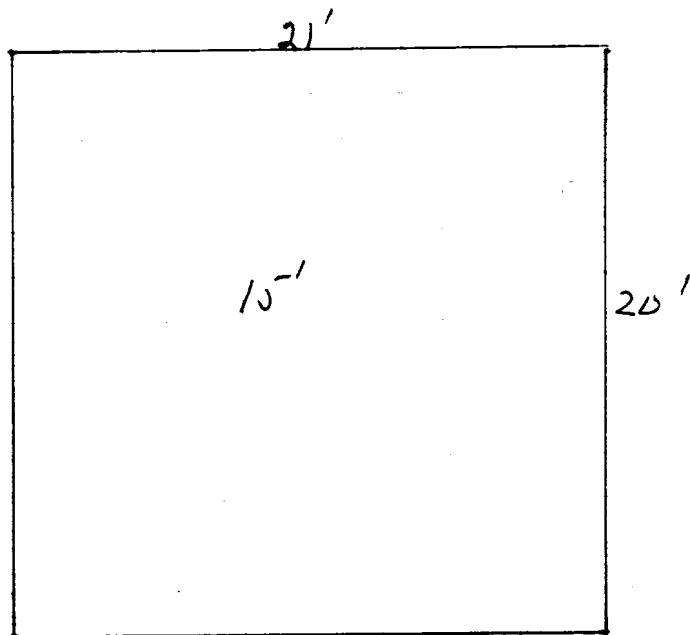
Kutz J Federal #2  
Cross Timbers  
Sec. 6, 27N, 10W, B

4/29/98

start of excavation:



End of excavation:



OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 12-May-98

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**CLIENT:** PNM - Public Service Company of NM

**Project:** Kutz J Federal #2

**Lab Order:** 9804061

## **CASE NARRATIVE**

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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: 12-May-98

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Kutz J Federal #2
<b>Work Order:</b>	9804061	<b>Client Sample ID:</b>	9804291540; Bottom @ 15ft.
<b>Lab ID:</b>	9804061-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Kutz J Federal #2	<b>Collection Date:</b>	4/29/98 3:40:00 PM
		<b>COC Record:</b>	7124

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: HR
T/R Hydrocarbons: C10-C28	51	25		mg/Kg	1	5/11/98
<b>BTEX</b>		<b>SW8020A</b>				Analyst: DC
Benzene	ND	1		µg/Kg	1	5/6/98
Toluene	ND	2		µg/Kg	1	5/6/98
Ethylbenzene	ND	1		µg/Kg	1	5/6/98
m,p-Xylene	ND	2		µg/Kg	1	5/6/98
o-Xylene	ND	1		µg/Kg	1	5/6/98

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.0010

**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

Surrogate

1 of 1

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 12-May-98

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Kutz J Federal #2
<b>Work Order:</b>	9804061	<b>Client Sample ID:</b>	9804291545; Walls @ 13ft.
<b>Lab ID:</b>	9804061-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Kutz J Federal #2	<b>Collection Date:</b>	4/29/98 3:45:00 PM
		<b>COC Record:</b>	7124

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: HR
T/R Hydrocarbons: C10-C28	94	25		mg/Kg	1	5/11/98
<b>BTEX</b>		<b>SW8020A</b>				Analyst: DC
Benzene	ND	1		µg/Kg	1	5/6/98
Toluene	ND	2		µg/Kg	1	5/6/98
Ethylbenzene	ND	1		µg/Kg	1	5/6/98
m,p-Xylene	ND	2		µg/Kg	1	5/6/98
o-Xylene	2	1		µg/Kg	1	5/6/98
	<u>2</u>					

**Qualifiers:**

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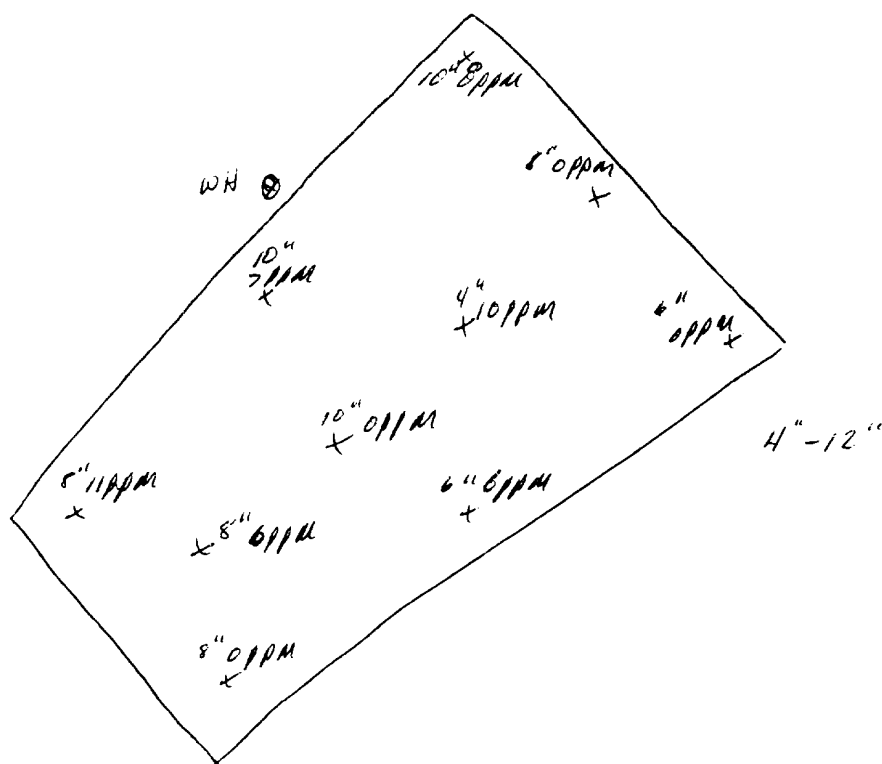
Surr: - Surrogate

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Kutz J Federal #2  
NW/4 NE/4  
(B) 6-27N-10W  
San Juan  
Cross timbers  
lat sample # 9805210840  
Field head space - 9.0 ppm



OFF: (505) 325-5667



# ON SITE

LAB: (505) 325-1556

TECHNOLOGIES, LTD.

**On Site Technologies, LTD.**

**Date:** 29-May-98

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**CLIENT:** PNM - Public Service Company of NM

**Project:** Landfarm Composites

**Lab Order:** 9805071

## CASE NARRATIVE

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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: 29-May-98

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Kutz J#2 Landfarm
<b>Work Order:</b>	9805071	<b>Client Sample ID:</b>	9805210840
<b>Lab ID:</b>	9805071-08A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Landfarm Composites	<b>Collection Date:</b>	5/21/98 8:40:00 AM
		<b>COC Record:</b>	5221

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	110	25		mg/Kg	1	5/27/98

**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

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R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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