

District I
P.O. Box 1980, Hobbs, NM

District II
P.O. Drawer DD, Artesia, NM 88221

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

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APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

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OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Minel Inc.) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Leonard L. Johnston #1

Location: Unit O Sec 7 T 25N R 3W County Rio Arriba

Pit Type: Separator ☒ Dehydrator ☐ Other

Land Type: BLM ☐ State ☐ Fee ☒ Other

Pit Location: Pit dimensions: length 20 width 20 depth 3

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 52'

Direction from reference: 33 Degrees ☒ East North ☐
of ☐ West South ☒

Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	<u>0</u>
	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)	<u>0</u>
	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)	<u>0</u>
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	

RANKING SCORE (TOTAL POINTS): 0

Leonard L. Johnston #1

Date Remediation Started: 1/27/99 Date Completed: 1/27/99

Remediation Method: Excavation X Approx. Cubic Yard 246

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 246

Other _____

Remediation Location: Onsite X 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 23' X 17' X 17' 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 17'

Sample date 1/27/99 Sample time 2:05:00 PM

Sample Results

Benzene (ppm) < 0.0050

Total BTEX (ppm) 0.6310

Field headspace (ppm) _____

TPH (ppm) < 25.00 Method 8015A

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

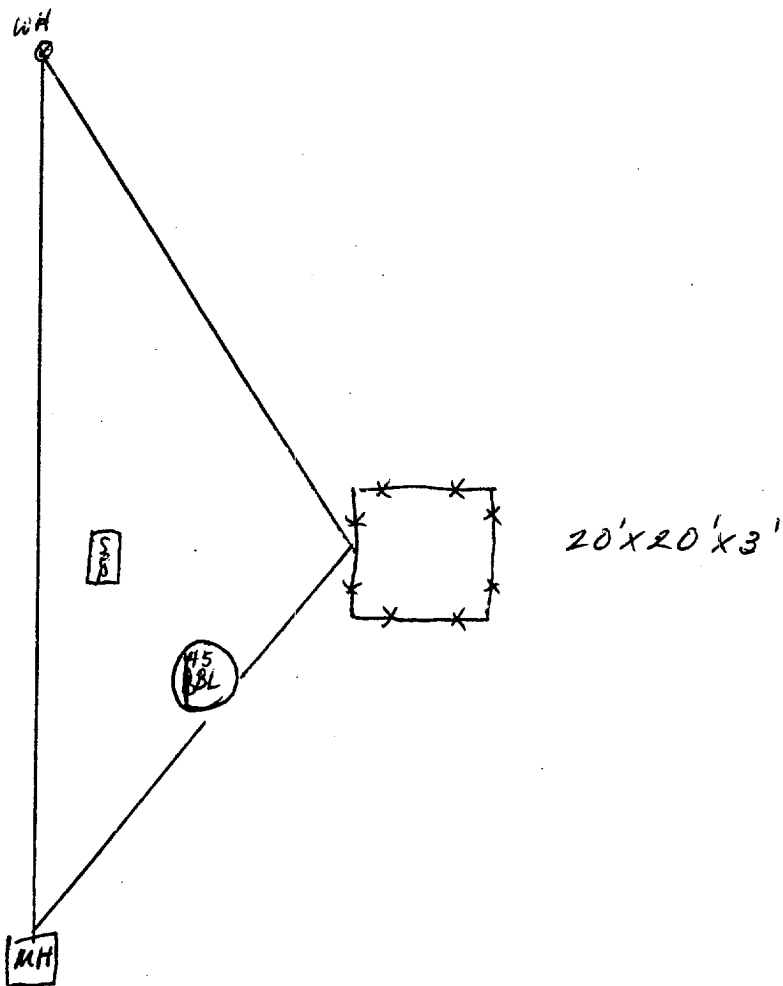
DATE April 27, 1999

SIGNATURE Maureen Gannon

PRINTED NAME **Maureen Gannon**
AND TITLE **Project Manager**

Leonard L. Johnston #,
(O) 7-25N-3W
Minel Inc.
#-27-99

N



Excavation Sampling

North wall sample
at 17' - 10.5 ppm

23'(N+S) 17'(E+W) x 17'(D)

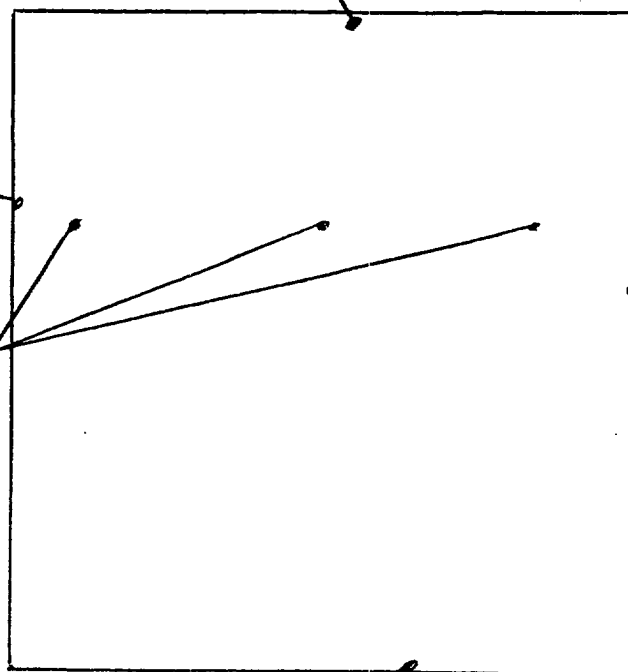
West wall sample
@ 17' - 9.7 ppm

3 point bottom sample
at 17' - 449 ppm

East wall sample
@ 17' - 0.0 ppm

South wall sample
@ 17' - 0.0 ppm

not to scale



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 22-Feb-99

CLIENT: PNM - Public Service Company of NM
Project: McCroden A3 Drip / Leonard Johnston #1
Lab Order: 9901029

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.



ANALYTICAL REPORT

Date: 22-Feb-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Leonard Johnston #1
Work Order:	9901029	Client Sample ID:	9901271405; 3pt. Bottom Comp
Lab ID:	9901029-03A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	1/27/99 2:05:00 PM
		COC Record:	5781

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	2/18/99
BTEX		SW8021B				Analyst: HR
Benzene	ND	5		µg/Kg	5	1/29/99
Toluene	ND	10		µg/Kg	5	1/29/99
Ethylbenzene	41	5		µg/Kg	5	1/29/99
m,p-Xylene	410	10		µg/Kg	5	1/29/99
o-Xylene	180	5		µg/Kg	5	1/29/99

631
631 ppm

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

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 22-Feb-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Leonard Johnston #1
Work Order:	9901029	Client Sample ID:	9901271410; 4pt. Wall Comp
Lab ID:	9901029-04A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	1/27/99 2:10:00 PM
		COC Record:	5781

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	2/18/99
BTEX		SW8021B				Analyst: HR
Benzene	ND	5		µg/Kg	5	1/29/99
Toluene	ND	10		µg/Kg	5	1/29/99
Ethylbenzene	ND	5		µg/Kg	5	1/29/99
m,p-Xylene	ND	10		µg/Kg	5	1/29/99
o-Xylene	ND	5		µg/Kg	5	1/29/99

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

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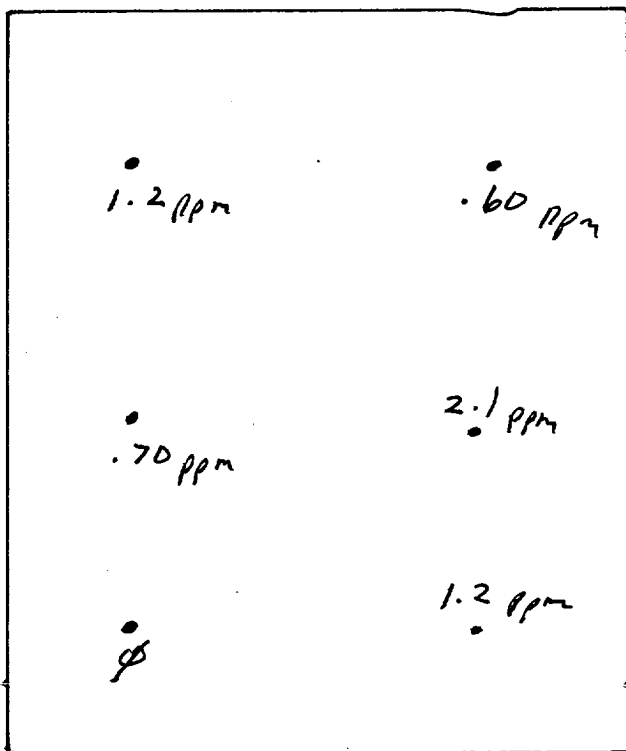
1 of 1

Leonard L. Johnston #1
Minel Inc.
Sec. 7, 25N, 3W, 0

3-24-99

↑
N

Landfarm: On location
approx. 246 yards



⊗ well head

2"-12" depth

Sample # 99D3241040

soil vapor head space reading = 14.6 ppm

not to scale

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LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 29-Mar-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Leonard Johnston #1
Work Order:	9903054	Client Sample ID:	9903241040
Lab ID:	9903054-07A	Matrix:	SOIL
Project:	Landfarms	Collection Date:	3/24/99 10:40:00 AM
		COC Record:	7552

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	3/25/99

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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