

District I  
P.O. Box 1960, 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

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

OIL CONSERVATION DIVISION

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: PNM Gas Services ( Cross Timbers ) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Montoya Gas Com #1

Location: Unit N Sec 25 T 32 N R 13 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other                     

Land Type: BLM ☐ State ☐ Fee ☒ Other                     

Pit Location: Pit dimensions: length 15 ' width 15 ' depth 3 '

(Attach diagram) Reference: wellhead ☒ other                     

Footage from reference: 64 '                     

Direction from reference: 75 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)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	( 0 points)	<u>0</u>

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)	<u>0</u>

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)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Montoya Gas Com #1

Date Remediation Started: 04/12/1999

Date Completed: 04/14/1999

Remediation Method: Excavation ☒ Approx. Cubic Yard 674

(Check all appropriate sections)

Landfarmed ☒ Amount Landfarmed (cubic yds) 674

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 20' X 45.5' X 20' 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 5 pt. composite - bottom

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

Sample depth 20'

Sample date 04/14/1999

Sample time 1:15:00 PM

Sample Results

Benzene (ppm) 0.65

Total BTEX (ppm) 26.05

Field headspace (ppm)

TPH (ppm) < 25.00

Method 8015B

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

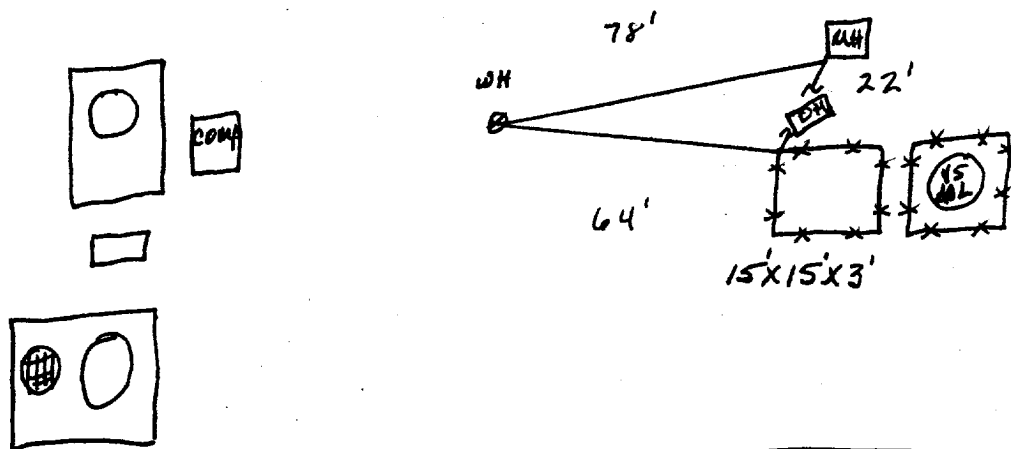
DATE January 24, 2000

SIGNATURE

*Maureen Gannon*

PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Montoya Gas Com #1,  
(N) - 25-32N-13W  
Cross Timbers  
4-12-99



### Excavation Sampling

20' (N45) x 45.5' (E+W) x 20' (D)

#### PID readings

5' - 2144 ppm  
10' - 2548 ppm  
15' - 2051 ppm  
20' - 1950 ppm

West wall head space  
at 20' - 705 ppm

North wall head space  
at 20' - 84 ppm

East wall head space  
at 20' - 149 ppm

5 point bottom head space  
at 20' -

South wall head space  
at 20' - 30.5 ppm

not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 29-Apr-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Montoya GC #1  
**Lab Order:** 9904022

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**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:** 29-Apr-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Montoya GC #1
<b>Work Order:</b>	9904022	<b>Client Sample ID:</b>	9904141310; 5pt. Bottom Comp.
<b>Lab ID:</b>	9904022-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Montoya GC #1	<b>Collection Date:</b>	4/14/99 1:15:00 PM
		<b>COC Record:</b>	5787

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/21/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>				Analyst: HR
Benzene	650	200		µg/Kg	200	4/15/99
Toluene	7300	400		µg/Kg	200	4/15/99
Ethylbenzene	1700	200		µg/Kg	200	4/15/99
m,p-Xylene	13000	400		µg/Kg	200	4/15/99
o-Xylene	3400	200		µg/Kg	200	4/15/99

26050  
26.050 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

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY SERVING INDUSTRY WITH THE ENVIRONMENT -



## ANALYTICAL REPORT

Date: 29-Apr-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Montoya GC #1
<b>Work Order:</b>	9904022	<b>Client Sample ID:</b>	9904141315; 4 Wall Comp.
<b>Lab ID:</b>	9904022-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Montoya GC #1	<b>Collection Date:</b>	4/14/99 1:15:00 PM
		<b>COC Record:</b>	5787

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>		Analyst: DC		
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/21/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>		Analyst: HR		
Benzene	ND	1		µg/Kg	1	4/15/99
Toluene	ND	2		µg/Kg	1	4/15/99
Ethylbenzene	ND	1		µg/Kg	1	4/15/99
m,p-Xylene	ND	2		µg/Kg	1	4/15/99
o-Xylene	ND	1		µg/Kg	1	4/15/99

**Qualifiers:**

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Surr: - Surrogate

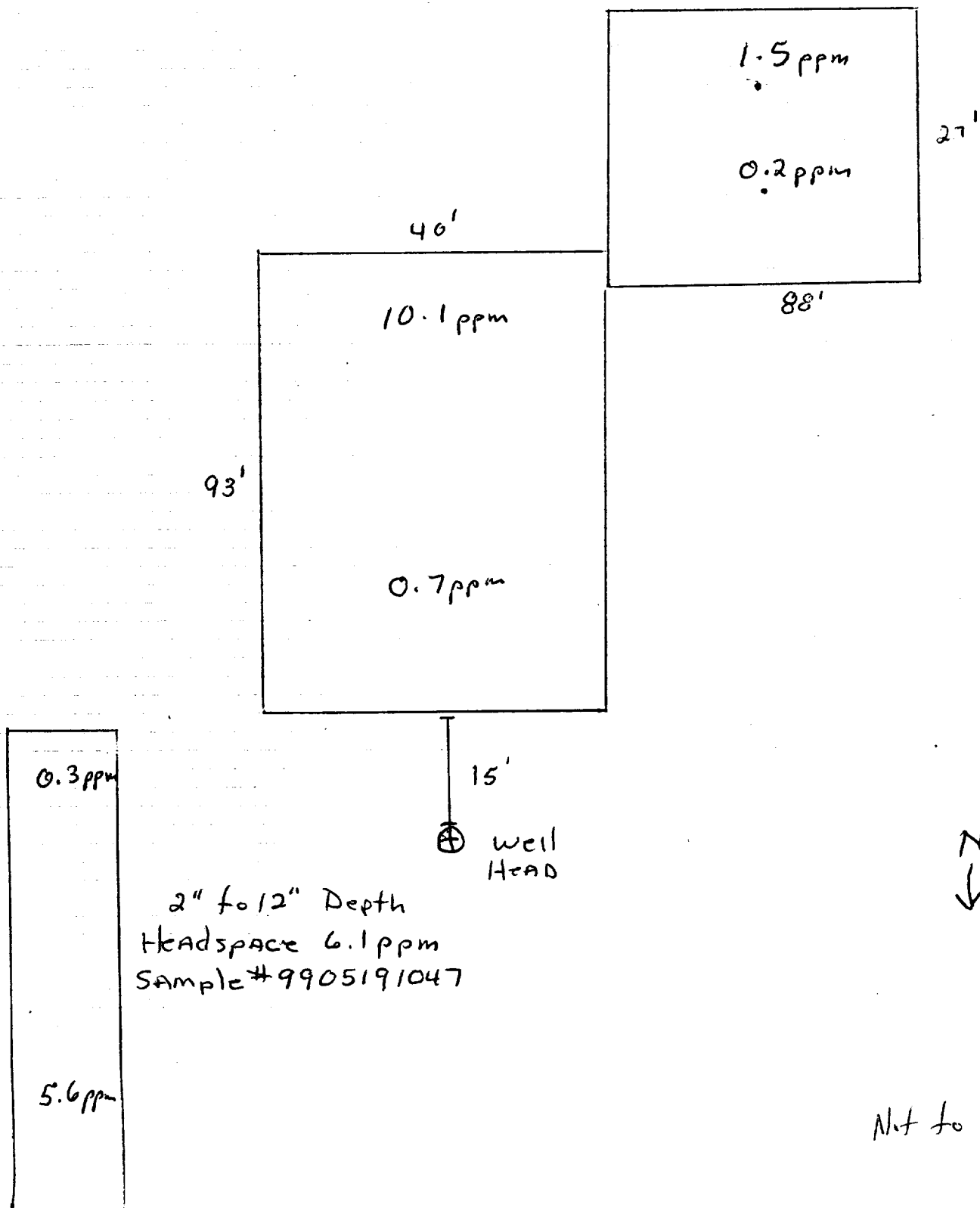
1 of 1

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- TECHNOLOGY BEING PUT INTO THE ENVIRONMENT -

Montoya Gas Com #1  
Sec-25 T-32N R-13W UL N  
~~SE~~ Cross Timbers

LAND FARM DRAWING #1  
ON LOCATION App ~~624~~ 224 RAD 1/20/00  
cu. yds



Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 27-May-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** C.M./Moore/Montoya LF  
**Lab Order:** 9905066

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**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: 27-May-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Montoya Gas Com #1 LF
<b>Work Order:</b>	9905066	<b>Client Sample ID:</b>	9905191047; 6pt Comp
<b>Lab ID:</b>	9905066-04A	<b>Matrix:</b>	SOIL
<b>Project:</b>	C.M./Moore/Montoya LF	<b>Collection Date:</b>	5/19/99 10:47:00 AM
		<b>COC Record:</b>	7620

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/25/99

**Qualifiers:**

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

1 of 1

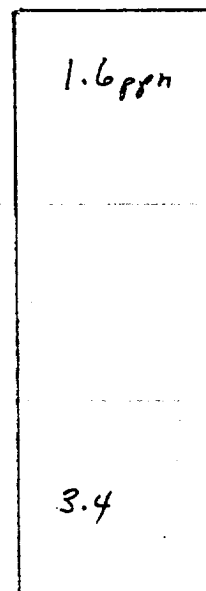
P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

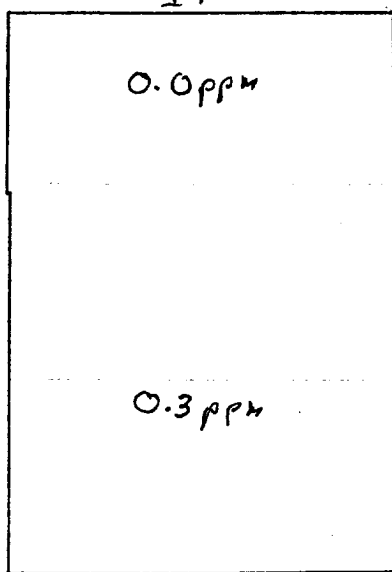
Montoya Gas Com #1 Drawing #2  
SEC-25 T-32N R-13W 42 N  
Cross Timbers

Land farm Drawing #2

App ~~400~~ cu yds.  
225 RAD  
1/20/00



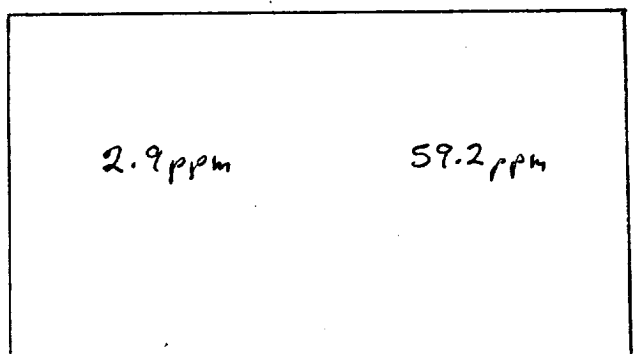
well  
head  
⊕  
17'



2" to 12" Depth  
Headspace 19.2 ppm  
Sample # 9906231254

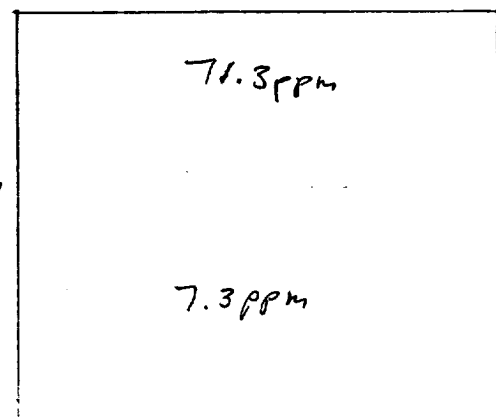
80'

27'



46'

48'



Not to Scale



**On Site Technologies, LTD.**

**Date:** 07-Jul-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Montoya Gas Com 1 & 1A LF #2  
**Lab Order:** 9906069

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**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: 07-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Montoya Gas Com #1 LF #2
<b>Work Order:</b>	9906069	<b>Client Sample ID:</b>	9906231254; 8pt Comp
<b>Lab ID:</b>	9906069-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Montoya Gas Com 1 & 1A LF #2	<b>Collection Date:</b>	6/23/99 12:54:00 PM
		<b>COC Record:</b>	7719

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/2/99

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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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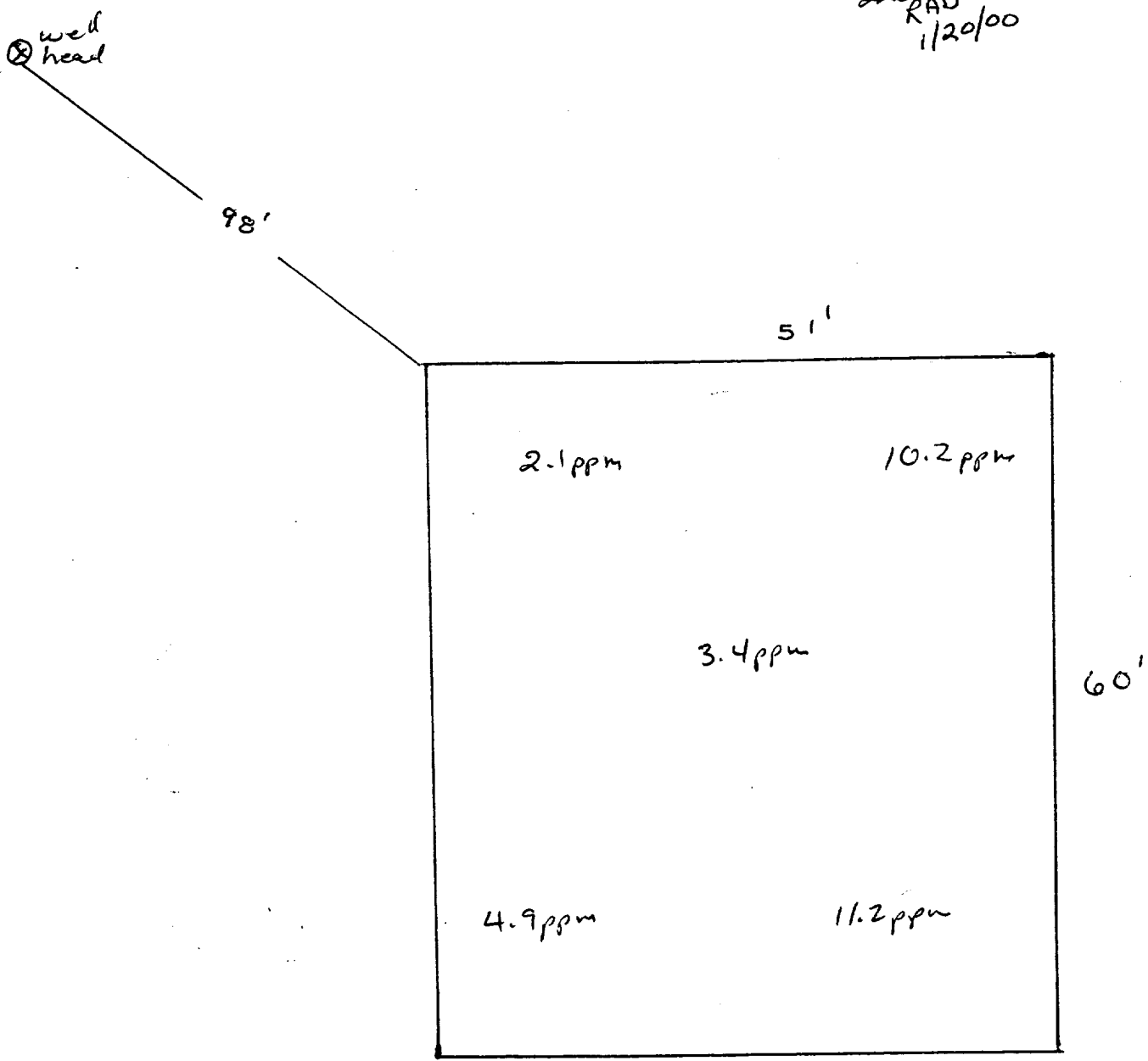
1 of 1

- TO OUR CLIENTS: BEING THERE TO PROTECT THE ENVIRONMENT -

SEC 25 T-32N R-13W 4LN  
BHP

Landform Drawing #3

App ~~408~~ cu yds  
225<sup>RAD</sup>  
1/20/00



2" to 12" Depth  
Headspace 7.0 ppm  
Sample # 9908020805

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 11-Aug-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Montoya Gas Com #3 LF  
**Lab Order:** 9908001

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**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: 11-Aug-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Montoya Gas Com #3 LF
<b>Work Order:</b>	9908001	<b>Client Sample ID:</b>	9908020805; 5pt. Composite
<b>Lab ID:</b>	9908001-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Montoya Gas Com #3 LF	<b>Collection Date:</b>	08/02/1999 8:05:00 AM
		<b>COC Record:</b>	7800

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				<b>Analyst: DC</b>
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	08/06/1999

**Qualifiers:**

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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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNICAL SERVICES AVAILABLE WITH THE ENVIRONMENT -

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-104B  
March 19, 2001

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit 1 copy of the final affected wells  
list along with 1 copy of this form per  
number of wells on that list to  
appropriate District Office

## Change of Operator Name

OGRID: 167067  
Effective Date: 6/1/2001

### Previous Operator Name and Information:

Name: Cross Timbers Operating Company  
Address: 2700 Farmington Ave  
Address: Building K, Suite 1  
City, State, Zip: Farmington, NM 87401

### New Operator Name and Information:

New Name: XTO Energy Inc.  
Address: 2700 Farmington Ave  
Address: Building K, Suite 1  
City, State, Zip: Farmington, NM 87401

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature:   
GARY L. MARKESTAD

Printed name: VICE-PRESIDENT, SAN JUAN REGION

Title: 5/23/01

Date: 5/23/01 Phone: 505-324-1090 x-4001



### NMOCD Approval

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

District: \_\_\_\_\_

Date: \_\_\_\_\_