OK

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

Denny G. Foust
DEPUTY OIL & GAS INSPECTOR
SEP 03 1999

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

RECEIVED
JUL 30 1999
OIL CON. DIV.
DIST. 3

Approved

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Hubbard #6

Location: Unit N Sec 15 T 32N R 12W County San Juan

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: 95'

Direction from reference: 10 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 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (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 No	(20 points) (0 points)	0
Distance to Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet	(20 points) (10 points) (0 points)	0
RANKING SCORE (TOTAL POINTS) :			0

Hubbard #6

Date Remediation Started: 05/03/1999 **Date Completed:** 05/03/1999

Remediation Method: (Check all appropriate sections)

Excavation X Approx. Cubic Yard 326

Landfarmed X Amount Landfarmed (cubic yds) 326

Other

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

Onsite X Offsite

Backfill Material Location:

General Description of Remedial Action:

Excavated contaminated soil to a pit size of 21' X 21' 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: (if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample Location 3 pt. composite - bottom.

Sample depth 20'

Sample date 05/03/1999 Sample time 9:30:00 AM

Sample Results

Benzene (ppm) < 0.001

Total BTEX (ppm) 0.030

Field headspace (ppm)

TPH (ppm) 380.00 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 **July 27, 1999**

SIGNATURE Maureen Gannon

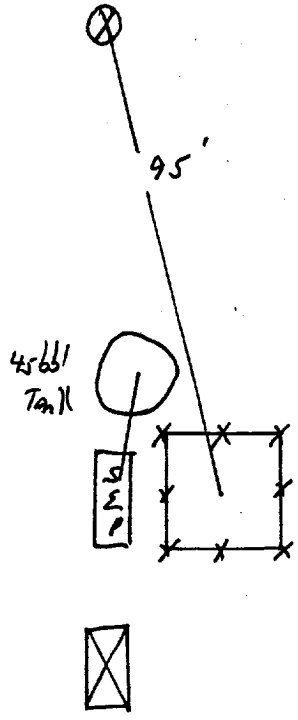
PRINTED NAME AND TITLE **Maureen Gannon, Project Manager**

Hubbard #6
Burlington
Sec. 15, 32N, 12W, N

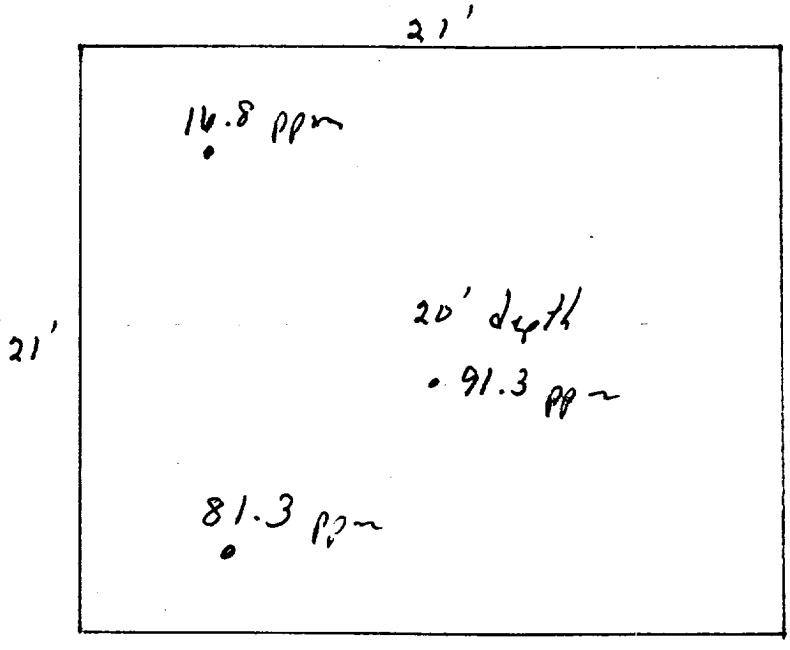
5/3/99

↑
N

site diagram:



End of excavation:



not to scale

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

On Site Technologies, LTD. **Date:** *14-May-99*

CLIENT: PNM - Public Service Company of NM
Project: Hubbard #6
Lab Order: 9905006

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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GC

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: *14-May-99*

Client:	PNM - Public Service Company of NM	**Client Sample Info:**	Hubbard #6
Work Order:	9905006	**Client Sample ID:**	9905030930; Bottom @ 20ft.
Lab ID:	9905006-01A **Matrix:** SOIL	**Collection Date:**	5/3/99 9:30:00 AM
Project:	Hubbard #6	**COC Record:**	7585

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015B**				Analyst: **DC**
T/R Hydrocarbons: C10-C28	380	25		mg/Kg	1	5/13/99
AROMATIC VOLATILES BY GC/PID		**SW8021B**				Analyst: **DC**
Benzene	ND	1		µg/Kg	1	5/10/99
Toluene	ND	2		µg/Kg	1	5/10/99
Ethylbenzene	2.6	1		µg/Kg	1	5/10/99
m,p-Xylene	23	2		µg/Kg	1	5/10/99
o-Xylene	4.1	1		µg/Kg	1	5/10/99

29.7
.0297 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

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: *14-May-99*

Client:	PNM - Public Service Company of NM	**Client Sample Info:**	Hubbard #6
Work Order:	9905006	**Client Sample ID:**	9905030935; Walls @ 15ft.
Lab ID:	9905006-02A **Matrix:** SOIL	**Collection Date:**	5/3/99 9:35:00 AM
Project:	Hubbard #6	**COC Record:**	7585

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015B**				Analyst: **DC**
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/7/99

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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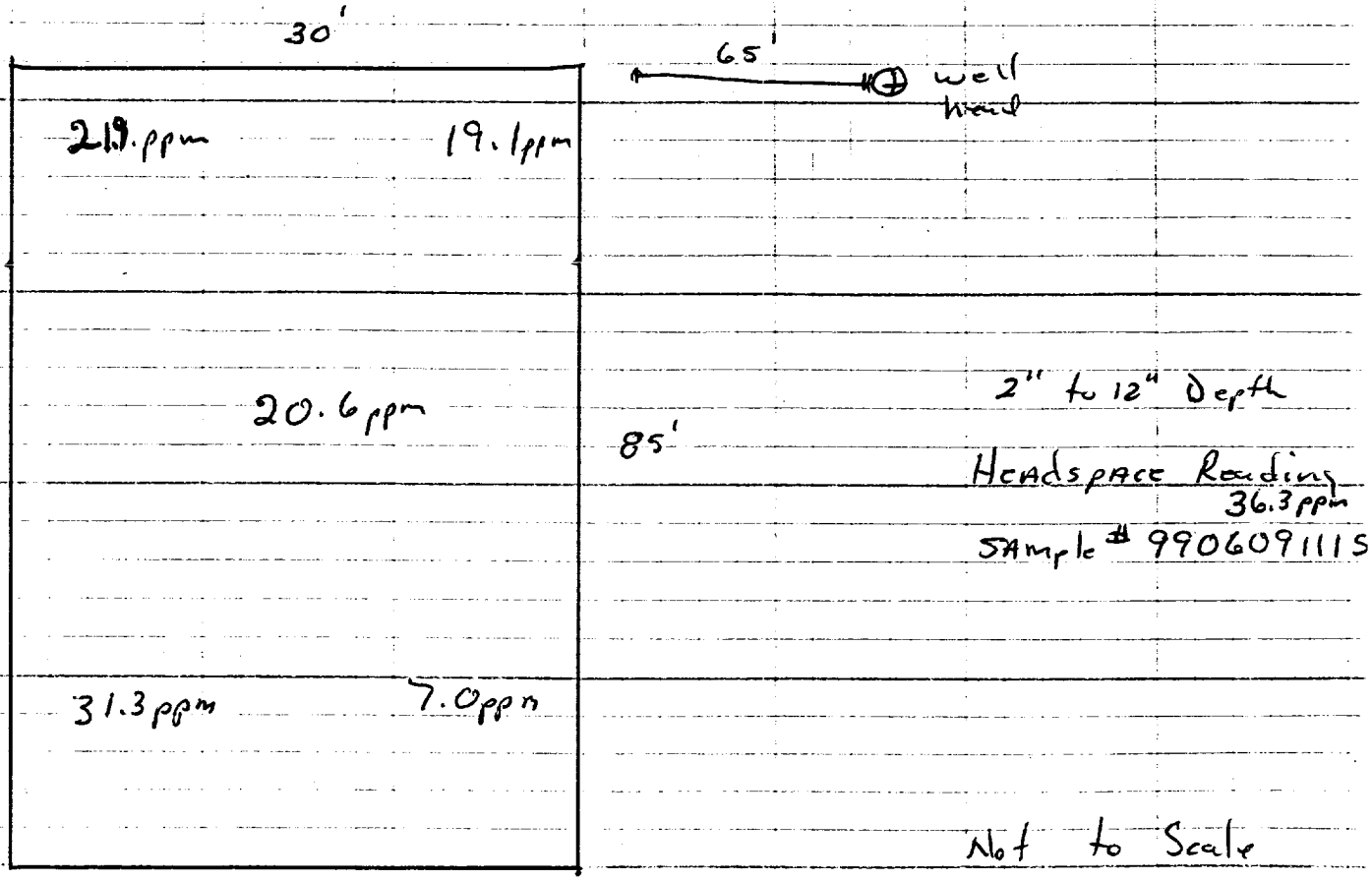
Hubbard 6
Sec-15 T-32N R-12W 4L-N
Burlington

LANDFARM DRAWING

App 326 Cu yds



2" to 12" Depth

Headspace Reading
36.3 ppm

Sample # 9906091115

Not to Scale

OFF: (505) 325-5667

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LAB: (505) 325-1556

On Site Technologies, LTD.

Date: *21-Jun-99*

CLIENT: PNM - Public Service Company of NM
Project: PNM Landfarms
Lab Order: 9906041

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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KB

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: *21-Jun-99*

Client:	PNM - Public Service Company of NM	**Client Sample Info:**	Hubbard #6 LF
Work Order:	9906041	**Client Sample ID:**	9906091115; 5pt. Comp
Lab ID:	9906041-01A **Matrix:** SOIL	**Collection Date:**	6/9/99 11:15:00 AM
Project:	PNM Landfarms	**COC Record:**	7717

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015B**				Analyst: **DC**
T/R Hydrocarbons: C10-C28	3650	25		mg/Kg	1	6/16/99

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

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