

Denny
DEPUTY OIL & GAS DIVISION
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

RECEIVED
JUL 30 1999

OIL CON. DIV.

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 #2

Location: Unit M Sec 11 T 32 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other

Land Type: BLM ☐ State ☐ Fee ☒ Other

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

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 225'

Direction from reference: 60 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)

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

Hubbard #2

Date Remediation Started: 04/27/1999

Date Completed: 04/27/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 192

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 192

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 18' X 18' X 16' 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

16'

Sample date

04/27/1999

Sample time

2:00:00 PM

Sample Results

Benzene (ppm)

Total BTEX (ppm)

Field headspace (ppm) 1.9

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 July 27, 1999

SIGNATURE

Maureen Gannon

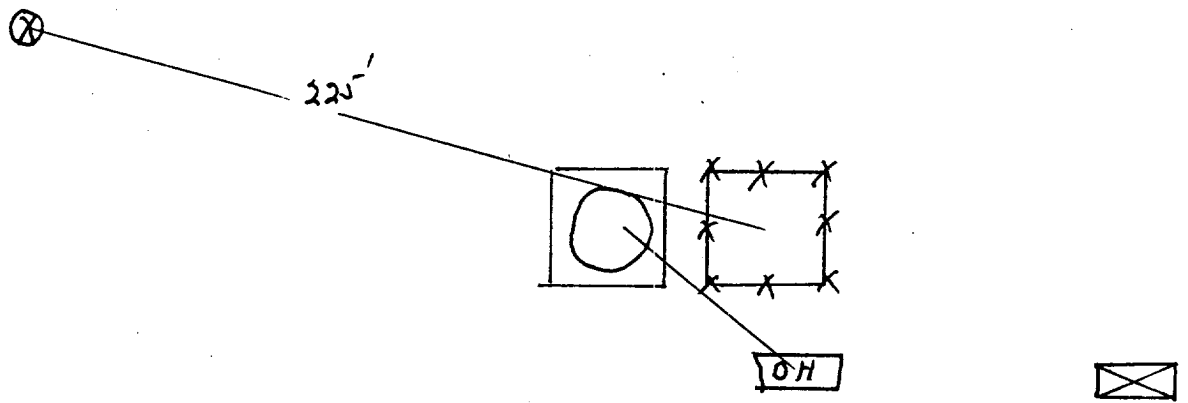
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Hubbard #2
Burlington
Sec. 11, 32N, 12W, M

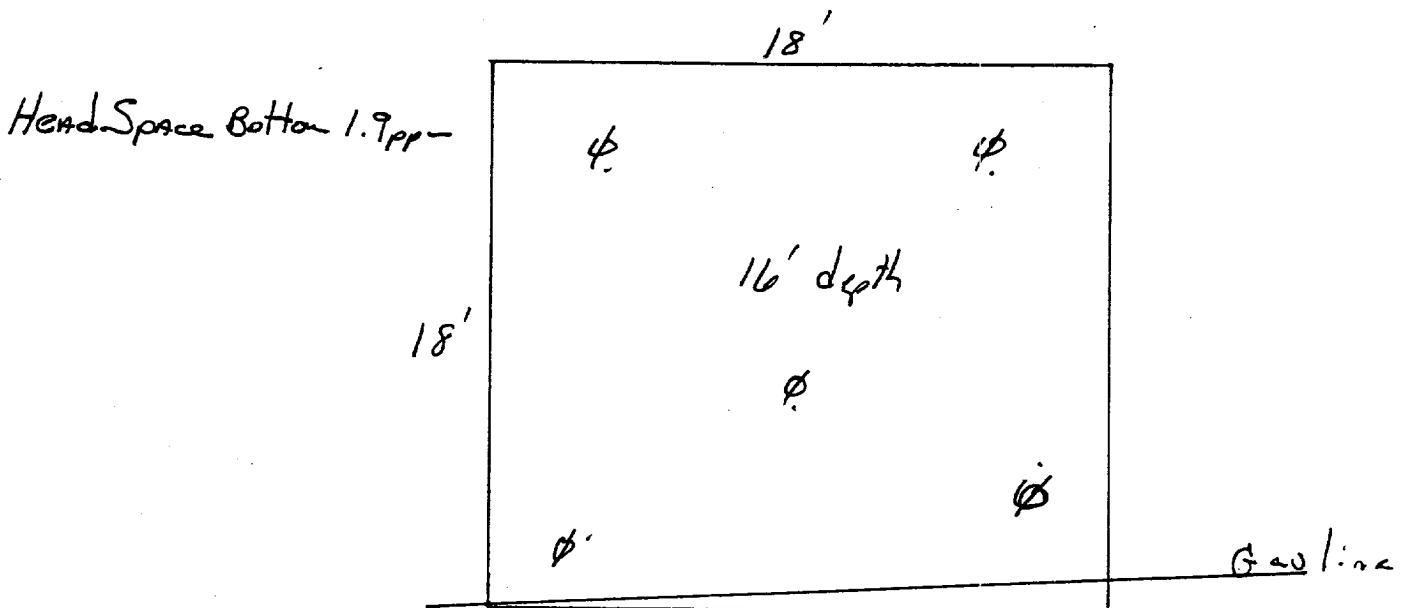
4/27/97

↑
N

site drawing:



End of excavation:



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 04-May-99

CLIENT: PNM - Public Service Company of NM

Project: Hubbard #2

Lab Order: 9904060

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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 04-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Hubbard #2
Work Order:	9904060	Client Sample ID:	9904271400; Bottom @ 16ft
Lab ID:	9904060-01A	Matrix:	SOIL
Project:	Hubbard #2	Collection Date:	4/27/99 2:00:00 PM
		COC Record:	7577

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/3/99

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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 04-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Hubbard #2
Work Order:	9904060	Client Sample ID:	9904271410; Walls @ 12ft
Lab ID:	9904060-02A	Matrix:	SOIL
Project:	Hubbard #2	Collection Date:	4/27/99 2:10:00 PM
		COC Record:	7577

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/3/99

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

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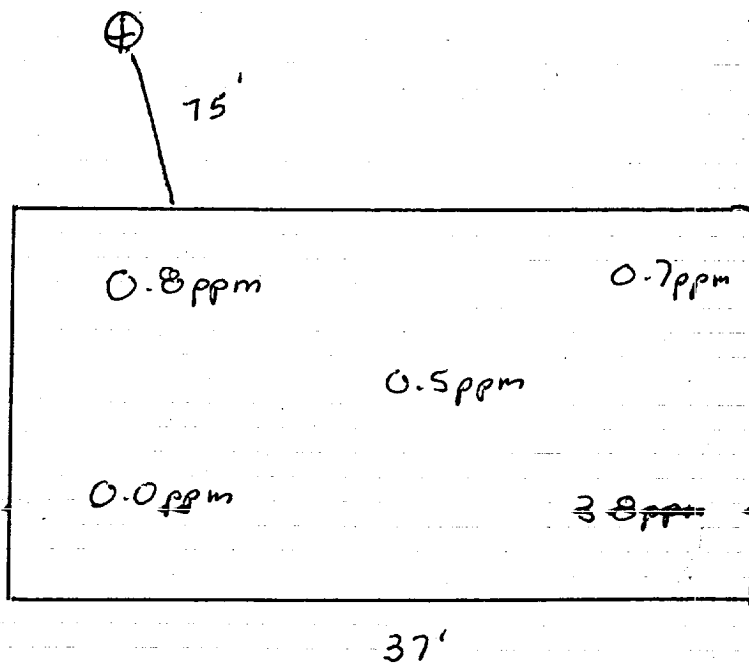
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Hubbard #2
Sec 11 T-32N R-12W ULM
Burlington

LAND FARM DRAWING

App - 192 aysds



2" to 12" Depth

Headspace 5.2ppm

Sample # 9906091339

No To Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 21-Jun-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Landfarms

Lab Order: 9906042

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



RB

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 21-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Hubbard #2 LF
Work Order:	9906042	Client Sample ID:	9906091339; 5pt. Comp
Lab ID:	9906042-03A	Matrix:	SOIL
Project:	PNM Landfarms	Collection Date:	6/9/99 1:39:00 PM
		COC Record:	7718

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	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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