

District I
P.O. Box 1390 Hobbs, NM

District II
P.O. Box 390 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

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

Denny L. Faust
DEPUTY OIL & GAS INSPECTOR

SEP 03 1999

RECEIVED
JUL 30 1999

OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Decker A #4

Location: Unit F Sec 3 T 31 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 3'

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 99'

Direction from reference: 20 Degrees ☒ East North ☐
of
☐ West South ☒

Depth to Ground Water: Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points) 0

(Vertical distance from contaminants to
seasonal high water elevation of ground
water)

Wellhead Protection Area: Yes (20 points)
No (0 points) 0

(Less than 200 feet from a private
domestic water source, or, less than 1,000
feet from all other water sources)

Distance to Surface Water: Less than 200 feet (20 points)
200 feet to 1,000 feet (10 points)
Greater than 1,000 feet (0 points) 0

(Horizontal distance to perennial lakes,
ponds, rivers, streams, creeks, irrigation
canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

Decker A #4

Date Remediation Started: 04/12/1999

Date Completed: 04/12/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 267

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 200

Other 67 cu yds overburden

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 18' 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 - pit bottom.

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

Sample depth 20'

Sample date 04/12/1999

Sample time 10:45:00 AM

Sample Results

Benzene (ppm)

Total BTEX (ppm)

Field headspace (ppm) 16.1

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

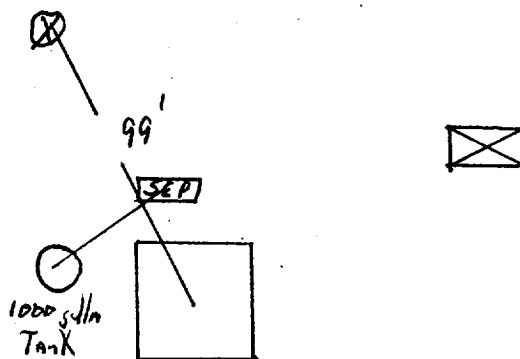
Maureen Gannon

PRINTED NAME Maureen Gannon
AND TITLE Project Manager

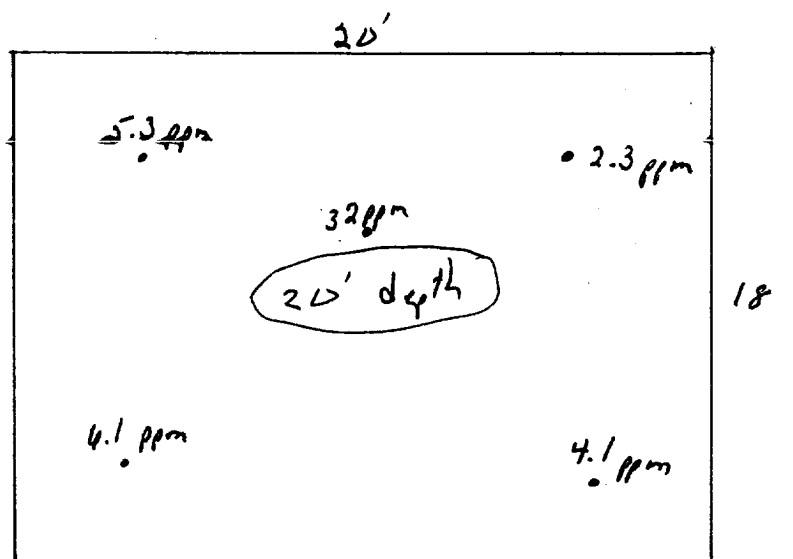
Deck A#4
Burlington Resources
Sec. 3, 31W, 12N

4/12/99

Site Diagram:



End of Excavation:



wall headspace reading = 4.3 ppm
Bottom headspace reading = 16.1 ppm

not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 20-Apr-99

CLIENT: PNM - Public Service Company of NM
Project: Decker A#4
Lab Order: 9904009

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: 20-Apr-99

| | | | |
|--------------------|------------------------------------|----------------------------|----------------------------|
| Client: | PNM - Public Service Company of NM | Client Sample Info: | Decker A#4 |
| Work Order: | 9904009 | Client Sample ID: | 9904121045; Bottom @ 20ft. |
| Lab ID: | 9904009-01A | Matrix: | SOIL |
| Project: | Decker A#4 | Collection Date: | 4/12/99 10:45:00 AM |
| | | COC Record: | 7554 |

| Parameter | Result | PQL | Qual | Units | DF | Date Analyzed |
|------------------------------|--------|---------------|------|-------|----|------------------------|
| DIESEL RANGE ORGANICS | | SW8015 | | | | |
| T/R Hydrocarbons: C10-C28 | ND | 25 | | mg/Kg | 1 | Analyst: DC 4/12/99 |

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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY SERVING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 20-Apr-99

| | | | |
|--------------------|------------------------------------|----------------------------|---------------------------|
| Client: | PNM - Public Service Company of NM | Client Sample Info: | Decker A#4 |
| Work Order: | 9904009 | Client Sample ID: | 9904121050; Walls @ 15ft. |
| Lab ID: | 9904009-02A | Matrix: | SOIL |
| Project: | Decker A#4 | Collection Date: | 4/12/99 10:50:00 AM |
| | | COC Record: | 7554 |

| Parameter | Result | PQL | Qual | Units | DF | Date Analyzed |
|------------------------------|--------|---------------|------|-------|----|------------------------|
| DIESEL RANGE ORGANICS | | SW8015 | | | | |
| T/R Hydrocarbons: C10-C28 | ND | 25 | | mg/Kg | 1 | Analyst: DC 4/12/99 |

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

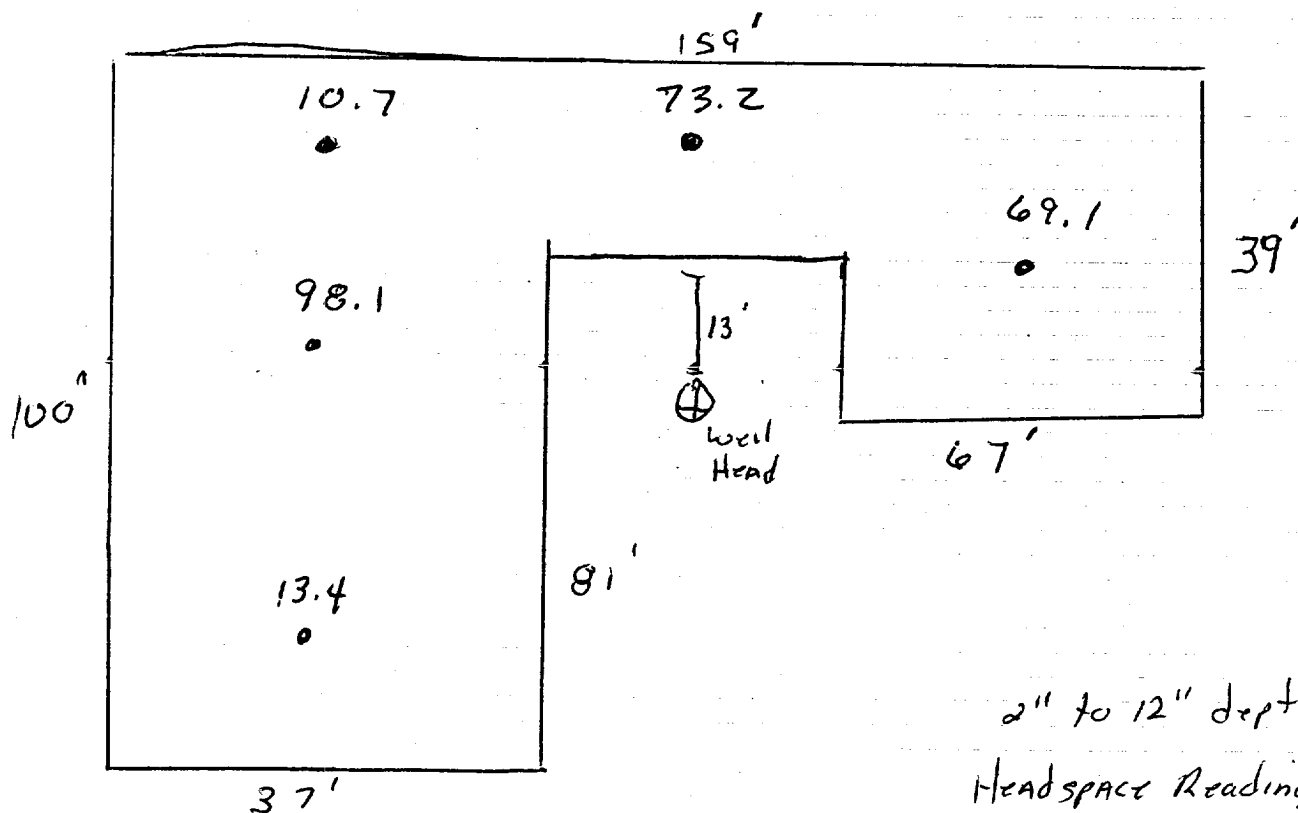
P.O. BOX 2606 • FARMINGTON, NM 87499

1 of 1

Sec-8 T-31N R-12W UL-F
Burlington

LAND FARM DRAWING ~~ON SITE~~

ON location App. 266 cu yds



2" to 12" depth

Headspace Reading • 53.7

Sample # 990510104

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 18-May-99

CLIENT: PNM - Public Service Company of NM

Project: Decker A#4 LF

Lab Order: 9905043

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.

Roy

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 18-May-99

| | | | |
|--------------------|------------------------------------|----------------------------|-----------------------|
| Client: | PNM - Public Service Company of NM | Client Sample Info: | Decker A#4 LF |
| Work Order: | 9905043 | Client Sample ID: | 9905101041; 5pt. Comp |
| Lab ID: | 9905043-01A | Matrix: | SOIL |
| Project: | Decker A#4 LF | Collection Date: | 5/10/99 10:41:00 AM |
| | | COC Record: | 7614 |

| Parameter | Result | PQL | Qual | Units | DF | Date Analyzed |
|------------------------------|--------|----------------|------|-------|----|------------------------|
| DIESEL RANGE ORGANICS | | SW8015B | | | | |
| T/R Hydrocarbons: C10-C28 | ND | 25 | | mg/Kg | 1 | Analyst: DC 5/11/99 |

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

P.O. BOX 2606 • FARMINGTON, NM 87499

1 of 1

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -