

District I
P.O. Box 999 Hobbs, NM

District II
District Office, Artesia, NM 88221

District III
1000 Rio Brazos Rd. Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

OCT 28 1997

PIT REMEDIATION AND CLOSURE REPORT

Approved

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Nickson #8

Location: Unit C Sec 26 T 26 N R 8 W County San Juan

Pit Type: Separator Dehydrator Other Drip

Land Type: BLM State Fee Other

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

(Attach diagram) Reference: wellhead other

Footage from reference: 75'

Direction from reference: 85 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

RECEIVED
JUL 31 1997

OIL CON. DIV.
DIST. 3

Nickson #8

Date Remediation Started: 6/4/97

Date Completed: 6/4/97

Remediation Method: Excavation X

Approx. Cubic Yard 80

(Check all appropriate sections)

Landfarmed X

Amount Landfarmed (cubic yds) 80

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 12' x 12' x 15' 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-4 side walls and center of pit bottom

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

Sample depth 13' & 15'

Sample date 6/4/97 Sample time 10:00:00 AM

Sample Results

Benzene (ppm) 0.0000

Total BTEX (ppm) 0.0050

Field headspace (ppm) _____

TPH 0.00 Method 8015A


Vertical Extent (ft) _____ Risk Assessment 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 28, 1997

SIGNATURE

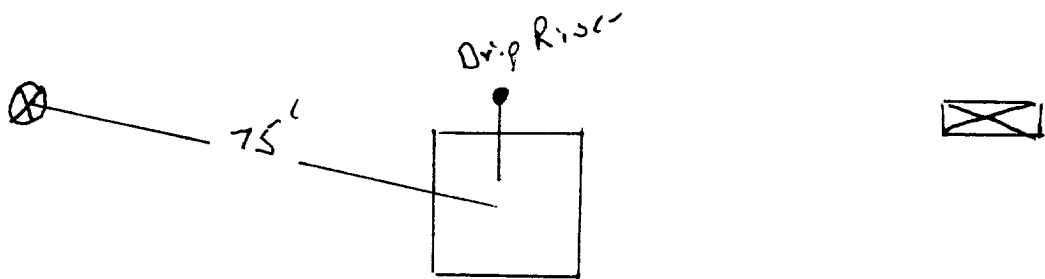


PRINTED NAME AND TITLE **Denver Bearden Administrator III**

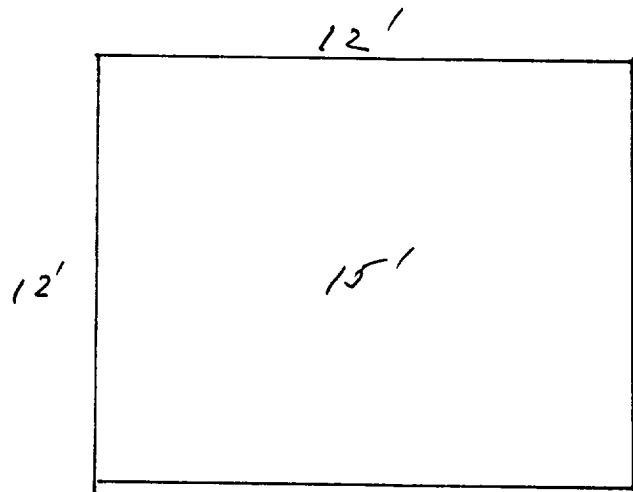
Nickson #8
CONOCO
Sec. 26, 26W, 8W, C

6/4/97

Start of excavation:



End of excavation:



OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
 Company: *PNM Gas Services*
 Address: *603 W. Elm*
 City, State: *Farmington, NM 87401*

Date: *9-Jun-97*
 COC No.: *5899*
 Sample No.: *14835*
 Job No.: *2-1000*

Project Name: *PNM Gas Services - Nickson #8*
 Project Location: *9706041000; 4 Walls @ 13' & Bottom @ 15'*
 Sampled by: *GC* Date: *4-Jun-97* Time: *10:00*
 Analyzed by: *DC/HR* Date: *5-Jun-97*
 Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Diesel Range Organics (C10 - C28)</i>	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0548-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	182	9.5	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	88	84	(70-130)	5	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *JAG*
 Date: *6/9/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
 Company: *PNM Gas Services*
 Address: *603 W. Elm*
 City, State: *Farmington, NM 87401*

Date: 10-Jun-97
 COC No.: 5899
 Sample No.: 14835
 Job No.: 2-1000

Project Name: *PNM Gas Services - Nickson #8*
 Project Location: *9706041000; 4 Walls @ 13' and Bottom @ 15'*
 Sampled by: GC Date: 4-Jun-97 Time: 10:00
 Analyzed by: HR Date: 5-Jun-97
 Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	1	ug/kg
<i>Toluene</i>	ND	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	1	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	3	ug/kg	1	ug/kg
<i>o-Xylene</i>	ND	ug/kg	1	ug/kg
	<i>TOTAL</i>	5		ug/kg

ND - Not Detected at Limit of Quantitation

Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography

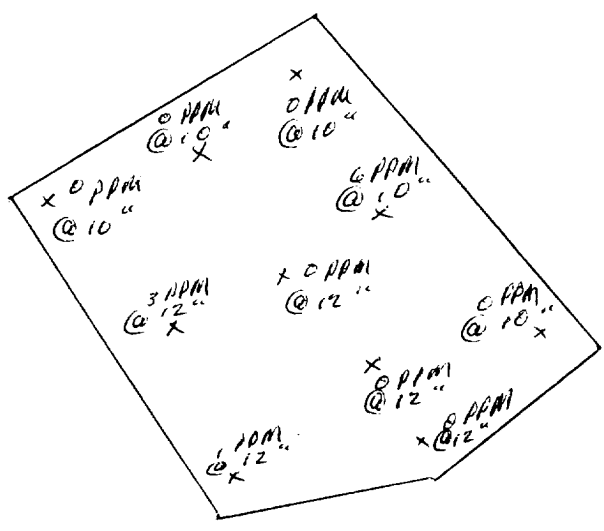
Approved by: *[Signature]*
 Date: *6/10/97*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

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N

See attached lab results for BTEX.



Nickson #8
6-28-87
@ 1020

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
 Company: *PNM Gas Services*
 Address: *603 W. Elm*
 City, State: *Farmington, NM 87401*

Date: *3-Jul-97*
 COC No.: *5176*
 Sample No.: *15142*
 Job No.: *2-1000*

Project Name: *PNM Gas Services - Nickson #8 Landfarm*
 Project Location: *9706281020; 10pt. Composite*
 Sampled by: *RH* Date: *28-Jun-97* Time: *10:20*
 Analyzed by: *DC/HR* Date: *3-Jul-97*
 Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Diesel Range Organics (C10 - C28)</i>	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0548-STD


Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	189	5.6	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	96	98	(70-130)	2	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: 
 Date: *7/3/97*

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
 Company: *PNM Gas Services*
 Address: *603 W. Elm*
 City, State: *Farmington, NM 87401*

Date: *3-Jul-97*
 COC No.: *5176*
 Sample No.: *15142*
 Job No.: *2-1000*

Project Name: *PNM Gas Services - Nickson #8 Landfarm*
 Project Location: *9706281020; 10pt. Composite*
 Sampled by: *RH* Date: *28-Jun-97* Time: *10:20*
 Analyzed by: *DC* Date: *30-Jun-97*
 Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	1	ug/kg
<i>Toluene</i>	3	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	ND	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	5	ug/kg	1	ug/kg
<i>o-Xylene</i>	5	ug/kg	1	ug/kg
<i>TOTAL</i>	13	ug/kg		

ND - Not Detected at Limit of Quantitation

Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*
 Date: *7/3/97*