

Denny E. Faust  
District I  
P.O. Box 1980, Hobbs, NM  
DEPUTY OIL & GAS INSPECTOR  
District II  
P.O. Drawer DD, Artesia, NM 88221  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410  
JUN 23 1998

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Caulkins) Telephone: 324-3764  
Address: 603 W. Elm Street Farmington, NM 87401  
Facility or Well Name: Breech F #10  
Location: Unit C Sec 35 T 27 N R 6 W County Rio Arriba  
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: 75'  
Direction from reference: 35 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: RECEIVED FEB - 3 1998 OIL CON. DIV. DIST. 3  
(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: 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, rivers, and streams)

RANKING SCORE (TOTAL POINTS): 0

Breach F #10

Date Remediation Started: 9/30/97 Date Completed: 9/30/97Remediation Method: Excavation X Approx. Cubic Yard 152

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 152

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 19' X 18' X 12' 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 9' walls and 12' bottom.Sample date 9/30/97 Sample time 10:00:00 AM

## Sample Results

Benzene (ppm) < 0.0020Total BTEX (ppm) 0.0580

Field headspace (ppm) \_\_\_\_\_

TPH (ppm) 11.00 Method 8015AVertical 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 January 27, 1998

SIGNATURE

PRINTED NAME Denver Bearden  
AND TITLE Administrator III

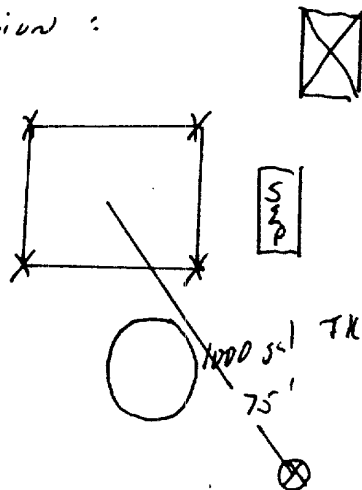
Breach F#10

9/30/97

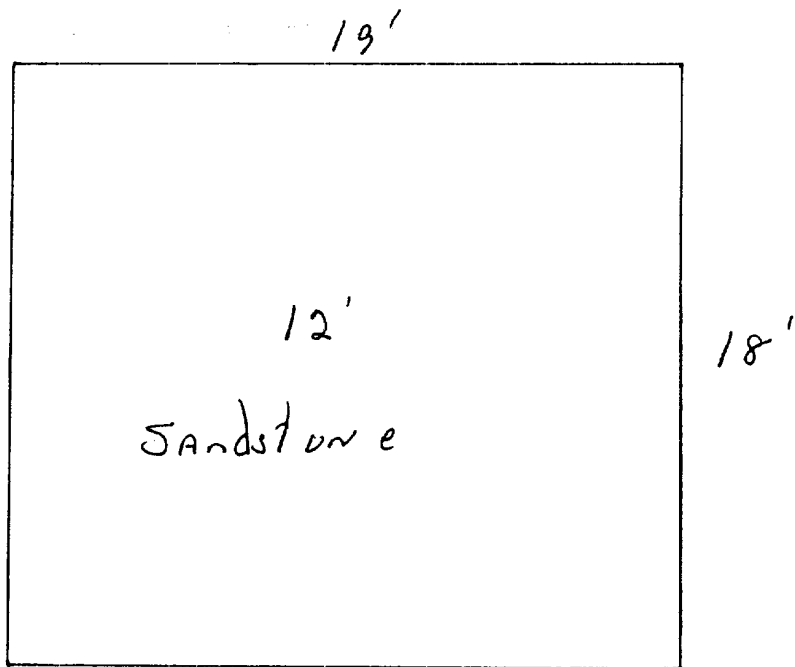
Cankins 0.1

Sec. 35, 27N, 6W, C

Start of excavation :



End of excavation :



Project Name: ***PNM Gas Services - Breech F #10***  
Project Location: ***9709301000; Composite, 4 Walls @ 9' and Bottom @ 12'***  
Sampled by: GC Date: 30-Sep-97 Time: 10:00  
Analyzed by: DC/HR Date: 3-Oct-97  
Sample Matrix: *Soil*

**P.O. BOX 2606 • FARMINGTON, NM 87499**

↑  
N

10-13-97 @ 1300

Brecht ~~to~~ F #10

Caulkins

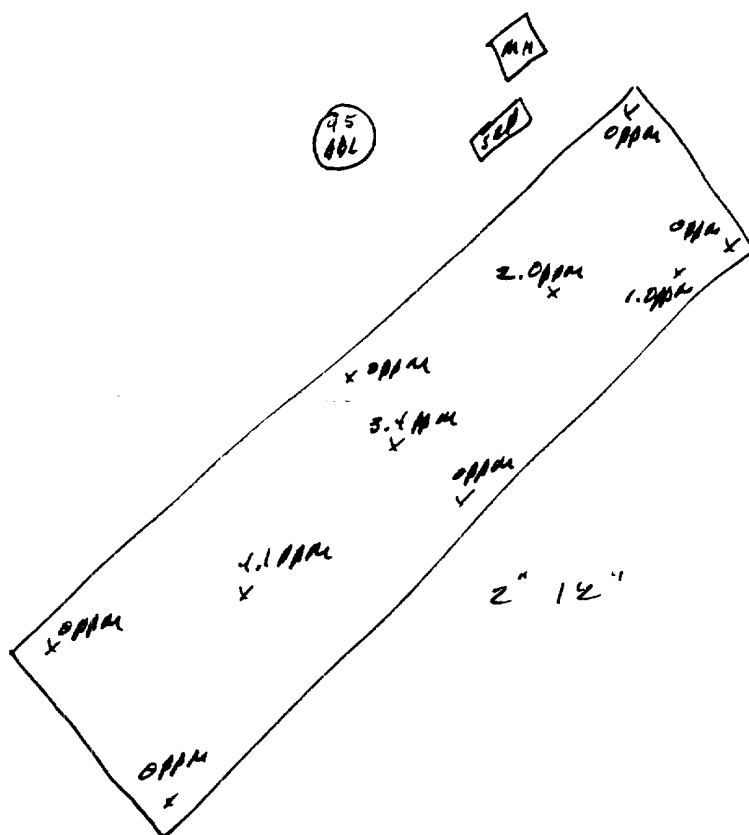
(B) 35-27N-6W

Rio Arriba

Sample # 9710131300

Land farm field headspace: 2.5 ppm

WH  
⊙



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: *17-Oct-97*  
COC No.: *5677*  
Sample No.: *16588*  
Job No.: *2-1000*

Project Name: *PNM Gas Services - Breech F #10 Landfarm*

Project Location: *9710131300; Composite*

Sampled by: *RH* Date: *13-Oct-97* Time: *13:00*

Analyzed by: *DC/HR* Date: *14-Oct-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.: 0555-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	185	8.0	15%

### *Matrix Spike*

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	87	87	(70-130)	0	20%

Method - EPA 821-1 (GC/MS) for Diesel Range Organics (C10 - C28) in Soil

Approved by: *[Signature]*  
Date: *10/17/97*

P.O. BOX 2606 • FARMINGTON, NM 87499