

Denny E. Faust
District I
P.O. Box 100, Hobbs, NM 88241
DEPUTY OIL & GAS INSPECTOR

District II
P.O. Drawer DD, Artesia, NM 88221
JUN 23 1998

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

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: Breach F #11

Location: Unit B Sec 35 T 27 N R 6 W County Rio Arriba

Pit Type: Separator ☐ Dehydrator ☐ Other No equipment.

Land Type: BLM ☒ State ☐ Fee ☐ Other No

Pit Location: Pit dimensions: length 20 width 20 depth 3

(Attach diagram) **Reference:** wellhead ☒ other

Footage from reference: 116'

Direction from reference: 80 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) 10

RANKING SCORE (TOTAL POINTS): 10

RECEIVED
FEB - 3 1998
OIL CON. DIV.
DIST. 3

Date Remediation Started: _____ Date Completed: _____

Remediation Method: Excavation _____ Approx. Cubic Yard _____

(Check all appropriate sections)

Landfarmed _____ Amount Landfarmed (cubic yds) _____

Other _____

Remediation Location: Onsite _____ Offsite _____

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

Backfill Material Location: _____

General Description of Remedial Action:

No remedial action necessary. Lab results below BLM/OCD standards.

Ground Water Encountered: No ☒ Yes ☐ Depth _____

Final Pit Closure Sampling:

Sample Location 3 pt. composite. _____

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

Sample depth 6' _____

Sample date 9/29/97 Sample time 11:00:00 AM

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) 0 _____

TPH (ppm) < 5.00 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 January 27, 1998

SIGNATURE

PRINTED NAME AND TITLE Denver Bearden
Administrator III



Unlined Surface Impoundment Assessment Form

Site Information:

Well Name: <u>Breach F #11</u>	Vulnerable Area: <input type="checkbox"/> Original <input type="checkbox"/> Expanded <input checked="" type="checkbox"/> Extended <input type="checkbox"/> Other	
Operator: <u>Caulkins Oil</u>	Date: <u>3-1-96</u>	Well Pad Dimensions: L <u>300</u> W <u>200</u>
Legal Description: Sec <u>35</u> Twn <u>24N</u> Rng <u>6W</u> Unit <u>B</u>	Time: <u>1240 AM/PM</u>	Data Sheet #: <u>5011</u>
Canyon: <u>Tapeito Creek</u>	County: <u>Rio Arriba NM</u>	Run #: <u>12-02</u>
Quad Map #: <u>Honzale Mesa</u>		

Pit Information:

PNM Pit: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PNM Equipment: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ref: WH <input checked="" type="checkbox"/> Other	OVM <u>0</u> ppm
<input type="checkbox"/> Active <input type="checkbox"/> SAT	Tank Set: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Distance from Ref. <u>116</u>	Testhole Depth <u>3'</u>
<input checked="" type="checkbox"/> Abandoned <input type="checkbox"/> Inaccessible	Discharges to Pit: <input type="checkbox"/> SEP <input type="checkbox"/> DH <input type="checkbox"/> DR <input checked="" type="checkbox"/> None	Degrees: <u>20° S 4° E</u> <u>300 E 0.5</u>	Soil Desc. <u>brown</u>
L <u>17</u> W <u>17</u> D <u>4</u>	Lab Sample <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sample #(s): <u>Impcsit: 4601031310</u>	COC#: _____

Geographical:

Geology: <input type="checkbox"/> SS <input checked="" type="checkbox"/> Clay	Terrain: <input type="checkbox"/> Mesa Top	Land Use: <input checked="" type="checkbox"/> Grazing	Land Type: <input type="checkbox"/> BLM	Vegetation:
<input checked="" type="checkbox"/> Sand <input type="checkbox"/> Outcrop <input type="checkbox"/> Rock	<input checked="" type="checkbox"/> Trailing Slope	<input type="checkbox"/> Residential	<input type="checkbox"/> State	Well Pad Area
<input type="checkbox"/> Gravel <input type="checkbox"/> Cliffs <input type="checkbox"/> Silt	<input type="checkbox"/> River Bottom	<input type="checkbox"/> Recreation	<input checked="" type="checkbox"/> Fee	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Stressed <input type="checkbox"/> None
<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Other <u>1103542</u>	

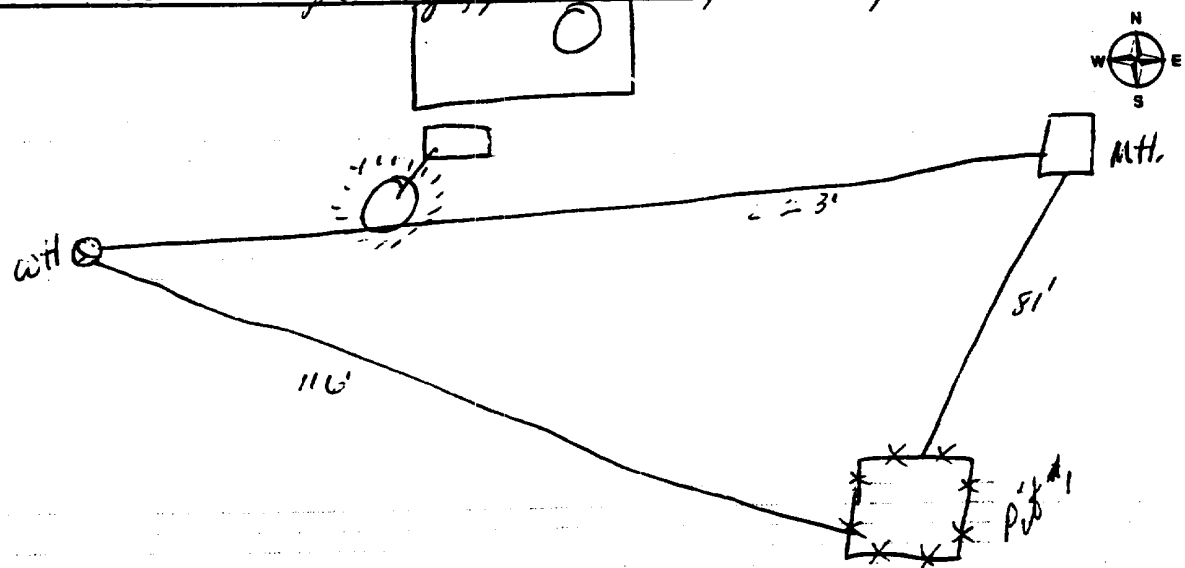
Ranking:

Depth to Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)	<u>10</u> 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)	<u>0</u> 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)	<u>10</u> 10
Distance to Ephemeral Stream (dry wash): (Horizontal distance to all downgradient streams having a width of at least 10 feet) <i>Jicarilla only</i>	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)	_____
Distance to Nearest Lake, Playa, or Watering Pond: (Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds) <i>Jicarilla only</i>	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)	_____

General Comments:

NW 1/4 - NE 1/4; pit pit showed zero, appears to have been abandoned years ago; pulled & compost sample 4601031310

Site Map:



Assessor's Signature:

Ray Weston

Date:

3-1-96

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: *2-Oct-97*
COC No.: *5811*
Sample No.: *16445*
Job No.: *2-1000*

Project Name: ***PNM Gas Services - Breech F #11***
Project Location: ***9709291100; 3pt. Composite, 6' depth***
Sampled by: GC Date: *29-Sep-97* Time: *11:00*
Analyzed by: HR/DC Date: *1-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	202	1.2	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	102	92	(70-130)	10	20%

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

Approved by: *[Signature]*
Date: *10/2/97*

P.O. BOX 2606 • FARMINGTON, NM 87499
- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -