

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

Denny & Faust
DEPUTY OIL & GAS INSPECTOR

FEB 26 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

Approved

Operator: PNM Gas Services (Caulkins)		Telephone: 324-3764	
Address: 603 W. Elm Street Farmington, NM 87401			
Facility or Well Name: Breech A #729			
Location:	Unit <u>D</u>	Sec <u>17</u>	T <u>26 N</u> R <u>6 W</u> County <u>Rio Arriba</u>
Pit Type:	Separator <input checked="" type="checkbox"/>	Dehydrator <input type="checkbox"/>	Other <input type="checkbox"/>
Land Type:	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other <input type="checkbox"/>
Pit Location:	Pit dimensions: length <u>20</u> ' width <u>20</u> ' depth <u>3</u> '		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other <input type="checkbox"/>		
	Footage from reference: <u>90</u> '		
	Direction from reference: <u>5</u> Degrees <input type="checkbox"/> East <input checked="" type="checkbox"/> North <input type="checkbox"/> South <input checked="" type="checkbox"/> West <input type="checkbox"/>		
Depth to Ground Water:	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
<small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>			
Wellhead Protection Area:	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED NOV - 3 1997 OIL CON. DIV. DIST. 3 </div>		
	Yes	(20 points)	
	No	(0 points)	<u>0</u>
<small>(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)</small>			
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)	<u>0</u>
<small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>			
RANKING SCORE (TOTAL POINTS):			<u>0</u>

Breach A #729

Date Remediation Started: 7/11/97

Date Completed: 7/11/97

Remediation Method: Excavation X

Approx. Cubic Yard 75

(Check all appropriate sections)

Landfarmed X

Amount Landfarmed (cubic yds) 75

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 14' 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 Center of pit bottom.

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

Sample depth 12'

Sample date 7/11/97

Sample time 11:00:00 AM

Sample Results

Benzene (ppm) < 0.0020

Total BTEX (ppm) 0.2500

Field headspace (ppm) _____

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 October 27, 1997

SIGNATURE



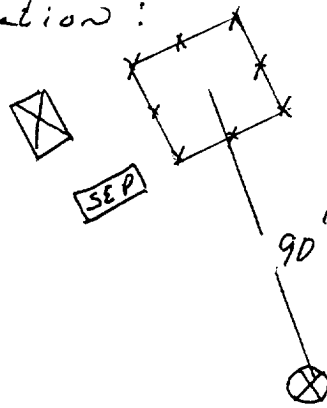
PRINTED NAME AND TITLE

**Denver Bearden
Administrator III**

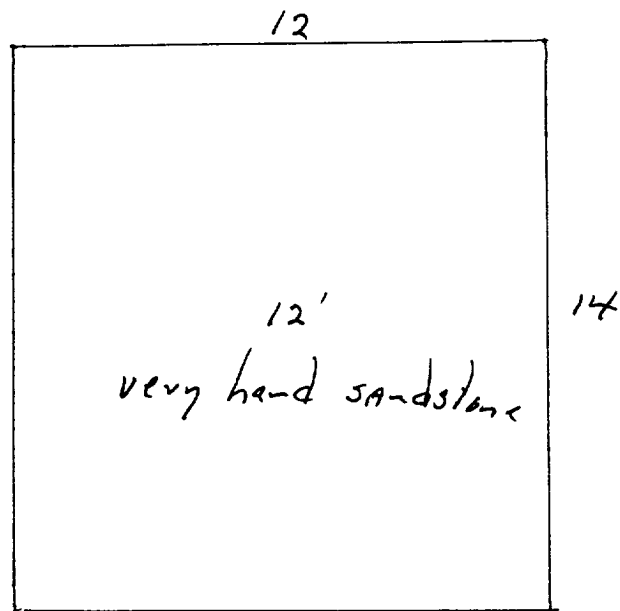
Breach A # 729
Caulkins Oil
Sec. 17, 26N, 6W, 0

7-11-97

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: *17-Jul-97*
 COC No.: *5923*
 Sample No.: *15327*
 Job No.: *2-1000*

Project Name: *PNM Gas Services - Breech A #729*

Project Location: *9707111100; Bottom @ 12'*

Sampled by: GC Date: *11-Jul-97* Time: *11:00*

Analyzed by: DC Date: *16-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	183	8.7	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	120	108	(70-130)	10	20%

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

Approved by: *Dag*
 Date: *7/17/97*

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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: *23-Jul-97*
 COC No.: *5923*
 Sample No.: *15327*
 Job No.: *2-1000*

Project Name: ***PNM Gas Services - Breech A #729***
 Project Location: ***9707111100; Bottom @ 12'***
 Sampled by: GC Date: *11-Jul-97* Time: *11:00*
 Analyzed by: DC Date: *18-Jul-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	2	ug/kg
<i>Toluene</i>	9	ug/kg	2	ug/kg
<i>Ethylbenzene</i>	21	ug/kg	2	ug/kg
<i>m,p-Xylene</i>	148	ug/kg	2	ug/kg
<i>o-Xylene</i>	72	ug/kg	2	ug/kg
	<i>TOTAL</i>	250		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: *7/23/97*

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: *17-Jul-97*
 COC No.: *5923*
 Sample No.: *15328*
 Job No.: *2-1000*

Project Name: *PNM Gas Services - Breech A #729*
 Project Location: *9707111105; 4 Walls @ 10'*
 Sampled by: *GC* Date: *11-Jul-97* Time: *11:05*
 Analyzed by: *DC* Date: *16-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	183	8.7	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	120	108	(70-130)	10	20%

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

Approved by: *[Signature]*
 Date: *7/17/97*

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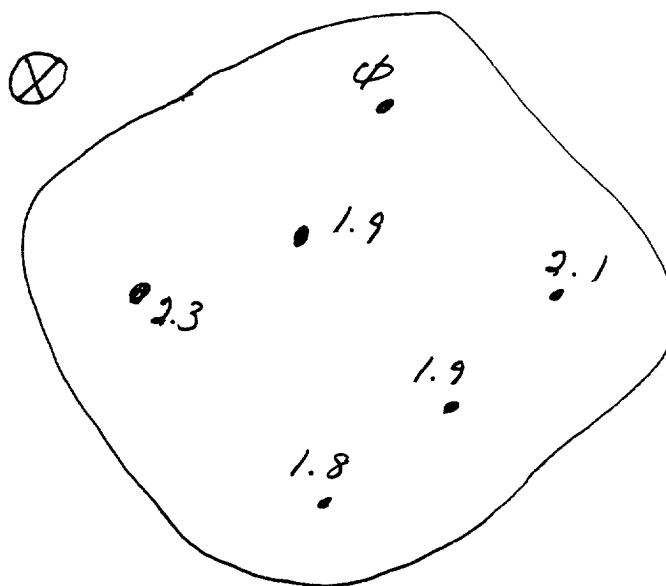
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Breech A# 729
Caulkiss Oil
Sec. 17, 26N, 6W

7-25-97

Land farm: On location
Composite sample # 970725-1415 6 pt. comp.
Soil vapor headspace PID reading = 3.1 ppm

2"-12" depth



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: *4-Aug-97*
COC No.: *5942*
Sample No.: *15491*
Job No.: *2-1000*

Project Name: ***PNM Gas Services - Breech A #729 Landfarm***
Project Location: ***9707251415; 6pt. Composite, 2"-12" depth***
Sampled by: GC Date: *25-Jul-97* Time: *14:15*
Analyzed by: HR/DC Date: *28-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>	8	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	214	6.5	15%

Matrix Spike

Parameter	1- Percent Recovered	2- Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	85	82	(70-130)	4	20%

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

Approved by: *JAC*
Date: *8/4/97*

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