

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

RECEIVED  
APR 29 1999

PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.  
DIST. 3

<b>Operator:</b> PNM Gas Services ( Energen )		<b>Telephone:</b> 324-3764	
<b>Address:</b> 603 W. Elm Street Farmington, NM 87401			
<b>Facility or Well Name:</b> McCroden B #1			
<b>Location:</b>	Unit <u> K </u>	Sec <u> 4 </u>	T <u> 25N </u> R <u> 3W </u> County <u> Rio Arriba </u>
<b>Pit Type:</b>	Separator <input checked="" type="checkbox"/>	Dehydrator <input type="checkbox"/>	Other _____
<b>Land Type:</b>	BLM <input type="checkbox"/>	State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/> Other _____
<b>Pit Location:</b>	Pit dimensions: length <u> 32 </u> ' width <u> 32 </u> ' depth <u> 4 </u> ' (Attach diagram)		
	Reference: wellhead <input checked="" type="checkbox"/> other _____		
	Footage from reference: <u> 83 </u> ' _____		
	Direction from reference: <u> 90 </u> Degrees <input checked="" type="checkbox"/> East <input type="checkbox"/> West of <input checked="" type="checkbox"/> North <input type="checkbox"/> South		
<b>Depth to Ground Water:</b>	Less than 50 feet	(20 points)	<u> 0 </u>
(Vertical distance from contaminants to seasonal high water elevation of ground water)	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	( 0 points)	
<b>Wellhead Protection Area:</b>	Yes	(20 points)	<u> 0 </u>
(Less than 200 feet from a private domestic water source, or; less than 1,000 feet from all other water sources)	No	( 0 points)	
<b>Distance to Surface Water:</b>	Less than 200 feet	(20 points)	<u> 0 </u>
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	( 0 points)	
<b>RANKING SCORE (TOTAL POINTS) :</b>			<u> 0 </u>

McCroden B #1

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 OCD/BLM standards.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Ground Water Encountered: No  Yes  Depth \_\_\_\_\_

**Final Pit Closure Sampling:**

Sample Location Middle of pit.

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

Sample depth 5'

Sample date 1/26/99 Sample time 8:00:00 AM

**Sample Results**

Benzene (ppm) \_\_\_\_\_

Total BTEX (ppm) \_\_\_\_\_

Field headspace (ppm) 7.6

TPH (ppm) < 25.00 Method 8015A

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

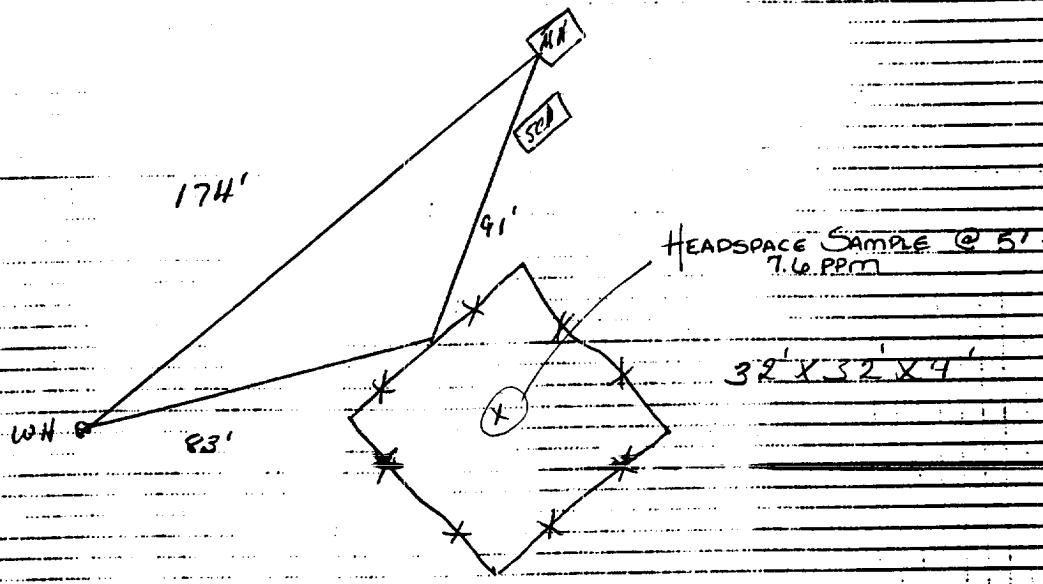
DATE April 27, 1999

SIGNATURE Maureen Gannon

PRINTED NAME **Maureen Gannon**  
AND TITLE **Project Manager**

Well Name:	McCroder #1			
Legal Description:	Sec	Twn	Rng	Unit
	4	25N	3W	K

Data Sheet #:



OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

Date: 29-Jan-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** McCroden B#1  
**Lab Order:** 9901027

**CASE NARRATIVE**

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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: 29-Jan-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	McCroden B #1
<b>Work Order:</b>	9901027	<b>Client Sample ID:</b>	9901260800; Middle @ 5ft.
<b>Lab ID:</b>	9901027-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	McCroden B#1	<b>Collection Date:</b>	1/26/99 8:00:00 AM
		<b>COC Record:</b>	7463

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	1/29/99

**Qualifiers:**

PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
B - Analyte detected in the associated Method Blank	Surr: - Surrogate