



**49 CFR 192.473 External Corrosion Control: Interference Currents**  
 (a) Each operator whose pipeline system is subject to stray currents shall have in effect a continuing program to minimize the detrimental effects of such currents.  
 (b) Each impressed current type cathodic protection system or galvanic anode system must be designed and installed so as to minimize any adverse effects on existing adjacent underground metallic structures.

**Rectifier Directory**

Date <b>03-06-2009</b>	Location Map Attached <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Case Number <b>0903102</b>
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**General Data**

Company <b>Cranberry Pipeline</b>	Contact <b>Butch Harless</b>	
Address <b>P.O. Box 610 Pineville, WV 24874-0610</b>	Office Phone <b>304-732-9219</b>	Cell Phone

Rectifier/Ground Bed Location  
**FAWN LANE SAULSVILLE, WV**

County <b>WYOMING</b>	Tax District <b>SLAB FORK</b>
Nearest Town or Municipality <b>SAULSVILLE, WV</b>	Property Owner <b>MACKIE CANADA</b>

**Rectifier Data**

Rectifier Designation / Description  
**UNIVERSAL SINGLE PHASE**

Rated Output <b>120</b> DC Volts	Operating Output <b>43.1</b> DC Volts	Date Output Taken <b>03-06-2009</b>
<b>40</b> DC Amps	<b>4.2</b> DC Amps	

**Ground Bed Description**

Location From Rectifier  
**20'** Feet  North  Northeast  East  Southeast  South  Southwest  West  Northwest

Type of Ground Bed <b>CONVENTIONAL</b>	Number of Anodes <b>12</b>	Type of Anodes <b>MIX METAL OXIDE</b>	Anode Spacing <b>12'</b> Feet
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**Structure Protected**

Type of Structure <b>Steel Gas Line</b>	Size <b>4.500</b>	Length <b>4,800'</b>
Coating Type <b>FBE</b>	Remarks <b>GPS N 37.38.868 W81.27.030</b>	

**Other Structures**

Companies that may be Affected <b>COLUMBIA &amp; PENN-VIRGINIA</b>	

