



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 3/28/2012	Location Map Attached <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Case Number 1203/13
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General Data

Company GRANDER ENERGY	Contact Bob Reel / Har George	
Address 464 Cool Junction Millsap, TX 76066	Office Phone 304-775-2254	Cell Phone

Rectifier/Ground Bed Location

Robinson Road - Wetzel County off Route 7

County Wetzel	Tax District
Nearest Town or Municipality HUNTER	Property Owner

Rectifier Data

Rectifier Designation / Description Robinson Road		
Rated Output 40 DC Volts	Operating Output 1.72 DC Volts	Date Output Taken 3/19/2012
25 DC Amps	1.05 DC Amps	

Ground Bed Description

Location From Rectifier C. Partition	<input type="checkbox"/> North <input type="checkbox"/> Northeast <input type="checkbox"/> East <input type="checkbox"/> Southeast <input type="checkbox"/> South <input type="checkbox"/> Southwest <input type="checkbox"/> West <input type="checkbox"/> Northwest							
Type of Ground Bed Deep Well	Number of Anodes 10	Type of Anodes MMO	Anode Spacing 15' 300' Deepwell Feet					

Structure Protected

Type of Structure Pipeline	Size 9", 6", 8", 12"	Length 12.12 miles
Coating Type FBE	Remarks	

Other Structures

Companies that may be Affected COLUMBIA	CAIMAN	EQT
CHESAPEAKE		