

California Public Utilities Commission



Pressure Test Failure Report LEAK

Section 1: General Information

Name of Operator:	PG&E
Address:	375 N. Wiget Lane, Walnut Creek, CA 94598
Date of Report (mm-dd-yyyy):	4/19/2012

Section 2: Contact Information

Report Contact	LEAK Failure Contact
Name: BEN CAMPBELL	Name: Redacted
Job Title: Director	Job Title: Field Engineer
Telephone Number: 925-459-6006	Telephone Number: Redacted

Section 3: Failure Information

Test Number or other designator: PR-002, PM 41644891	
Date of Failure ^{LEAK} (mm-dd-yyyy): 4/18/12	Failure ^{LEAK} Location: Redacted
Date Test Started (mm-dd-yyyy): 4/18/12	Mile Point #: ~ 0.60
Time Test Started (lltt hours): N/A	Test Medium: NITROGEN
Time of Failure ^{LEAK} (lltt hours): 7:03 PM	^{LEAK} Confirmed after continuous pressure loss
MAOP (psig) being established or verified: 650 psig	
Test Pressure (psig) at lowest elevation: at highest elevation: NOT APPLICABLE	
Pressure at time of failure ^{LEAK} (psig): Highest pressure reached was 789 psig	
% SMYS at time of failure ^{LEAK} : 32.5% at highest pressure reached	
Failure ^{LEAK} Description (e.g. during hydrostatic testing): AT 75% of Min. Test Pressure, which is a hold point, the pressure began dropping steadily.	

Reason for Pressure Test	New Pipe <input type="checkbox"/>	MAOP Validation <input checked="" type="checkbox"/>
	Other (describe) <input type="checkbox"/>	This work was being done as part of the pressure restoration of Line 131-30.

Section 4: Pipe Description

Pipeline Number: DFM 2405-01	Grade of Pipe: Grade B, API 5L, ERW
MAOP (psig): 595	%SMYS @ MAOP: 24.52%
Diameter (in): 4.5"	Wall Thickness (in): 0.156

Longitudinal Seam Type: ERW

Section 5: Additional Information

Current Action Taken: Nitrogen escaping from cracks in the roadbed showed where the leak was on the pipe. The pipe was dug up and the leak found. Corrosion from a location on the pipe where the pipe may have been nicked and the wrap damaged from a nearby sewer main, possibly installed in the 1970s. A 97 inch ~~foot~~ section of pipe was removed and replaced with new pipe. The nitrogen test was conducted again on 4/21/12 and was successful. THE removed pipe was sent to 2000 CROWS LANDING RD, MODESTO.