

PG&E Hydrotests Planned in 2012 Where a Spike Test is Unadvisable

Hydrotest Program hydrotests that are planned without a spike test because, with elevation differences factored in, the spike test would exceed a safe test pressure

Ref Number	Test Number	Complete	Test Date	Line	OD	WT	Grade	Long seam	Class Location	Test Multiplier	MAOP	Min. Test Pressure	% SMYS @ min. test	Max. Test P	% SMYS @ max test	Test Footage	Limiting Factor
1A	T-055-12 A-B	No	8/21/2012	300A	34"	0.375"	X-52	DSAW	2	1.25	803	1004	87.53	1147	100	2,585	Test is split into two segments in less than one mile to accomplish 1.25 multiplier test pressure without room for a spike test. The elevation difference for this test is 254 feet resulting in a static head on this test is 110 psig.
1B	T-055-12 B-C	No	8/21/2012	300A	34"	0.375"	X-52	DSAW	2	1.25	803	1004	87.53	1147	100	2,299	Test is split into two segments in less than one mile to accomplish 1.25 multiplier test pressure without room for a spike test. The elevation difference for this test is 258 feet resulting in a static head on this test is 112 psig.
2	TIM-037-11 A-B	No	8/21/2012	132	30"	0.375	pipe: X-52 elbow: GR B*	DSAW	1 & 3	1.5	300	450	pipe:34.62 elbow: 51.43	875	pipe: 67.31 elbow: 100.00	4,950	Steep grade, access issues, and endangered species does not allow for splitting the segment to reduce elevation change / static head. The elevation difference for this test is 924 feet resulting in a static head on this test is 401 psig.
															Total:	9,834 feet (1.86 miles)	

* Value is from the PG&E Technical Guidance Specification for Resolving Unknown Pipeline Features

Prepared by RCW 7/27/2012