

PG&E Upcoming Hydrotests with Spike Tests Unadvisable - September 21, 2011

Hydrotest Program hydrotests that will not have a spike test because the test is against a valve that is pressurized on the other side or exceeds valve seat test pressure

Ref Number	Test Number	Test Date	Line	OD	WT	Grade	Long sear	Class Location	Test Multiplier	MAOP	Min. Test P	Max. Test P	% SMYS @ min. test	% SMYS @ max test	Test Footage	Limiting Factor
1	26	10/11/2011	132	24.00	0.281	40,000	SMLS	3	1.5	400	680	760	72.6	81.14	31	Against closed MLV 4.92 (d/s). Min. potential for leak into gas supply by minimizing delta P across valve
2	25B	10/29/2011	132	24.00	0.281	40,000	SMLS	3	1.5	400	600	670	64.06	71.53	9	Against closed MLV 4.92 (u/s). Min. potential for leak into gas supply by minimizing delta P across valve

Total 40 feet

Hydrotest Program hydrotests that will not have a spike test because, with elevation differences factored in, the spike test would exceed a safe test pressure

Ref Number	Test Number	Test Date	Line	OD	WT	Grade	Long sear	Class Location	Test Multiplier	MAOP	Min. Test P	Max. Test P	% SMYS @ min. test	% SMYS @ max test	Test Footage	Limiting Factor
3	65A	9/22/2011	300A	34.00	0.344	52,000	DSAW	3	1.5	631	947	1042	90	99.03	5,548	3263' operating at 58.97%. Pipe at 95.9% at min. test pressure including 62 psig static head. Cannot spike test without exceeding 100% SMYS
4	87B	10/9/2011	300B	34.00	0.344	52,000	DSAW	3	1.5	631	947	1031	90	97.98	5,470	3542' operating at 59.97% (one Class out). Pipe at 95.7% at min. test pressure including 60 psig static head. Cannot spike test without exceeding 100% SMYS
5	87C	10/10/2011	300B	34.00	0.344	52,000	DSAW	2	1.5	631	947	1031	90	97.98	5,358	All pipe in test segment operating at 59.97% SMYS. Pipe at 93% SMYS at min. test pressure including 31 psig static head. Cannot spike test without exceeding 100% SMYS.
6	68	11/2/2011	300A	34.00	0.344	52,000	DSAW	3	1.5	631	947	1045	90	99.31	16,743	13299' operating at 59.97% (one Class out). Pipe at 95.7% at min. test pressure including 60 psig static head. Cannot spike test without exceeding 100% SMYS

Total 33,119 feet

Total for Ref Number 1-6: 6.28 miles

Prepared by BCC 9/27/2011