



Certified Fire Protection

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October 19, 2017

Flow Test Information

Conducted by:

Craig Rasband, NICET Level III #078555

And Witnessed by Bill Davis of South Davis Water

Location:

2468 South Highway 89

Woods Cross, UT

General Information:

Static and Residual pressures were taken from the Hydrant located near the southeast corner of the Bountiful Toyota property (Approximately 2380 South). The hydrant in front of the project address at 2468 South was flowed and allowed to remain open in order for flow to stabilize and readings taken.

Flow Test Results

Static Pressure- 105.0 psi

Residual Pressure 75.0 psi

Flow from 2 ½" outlet- 650.1 gpm

Flow at 20 psi- 1,141.4 gpm

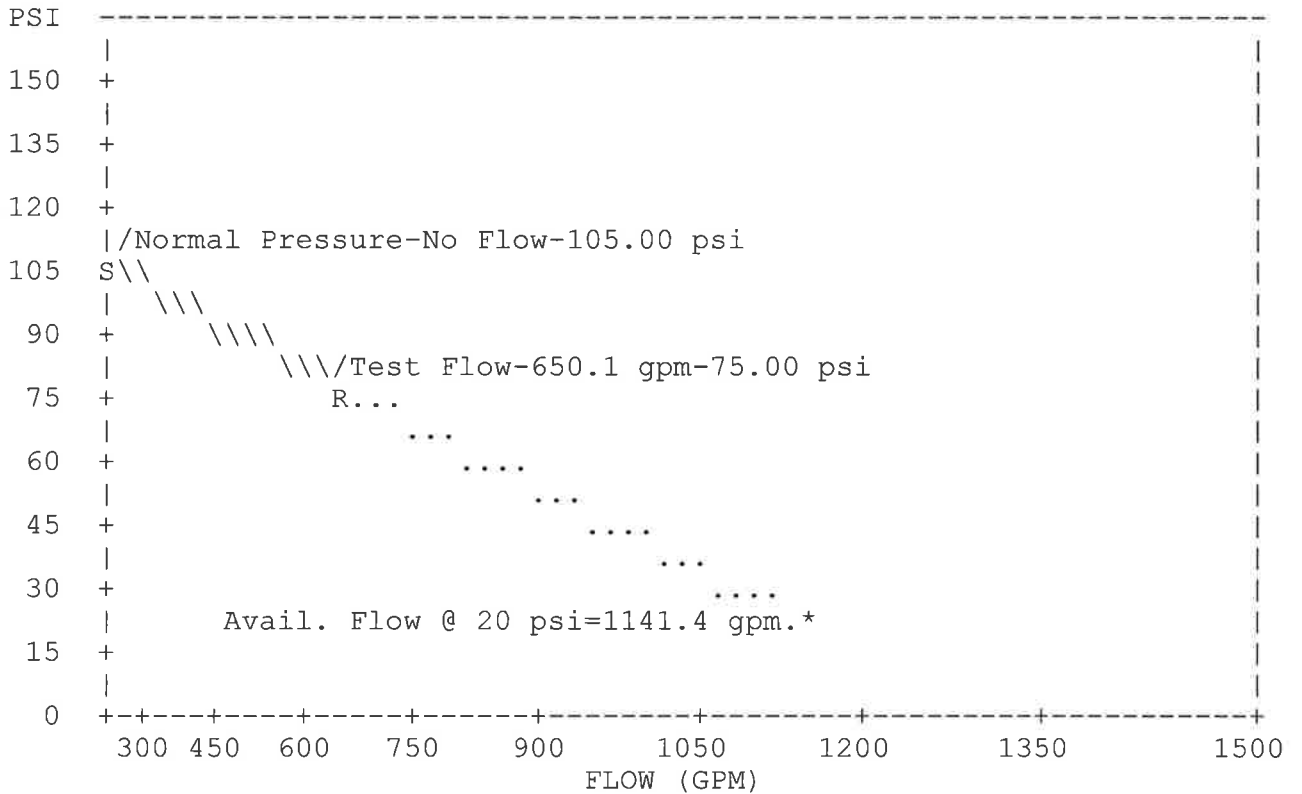
LOCATION:2468 South Highway 89
 Woods Cross, UT

DATE: 10-18-
 TIME: 3:00

Static Hydrant Number:	1	Flowing Hydrant Number:	
Elevation:	100	Elevation:	
Dist. Between Hydrants:	500		
Diameter of Main:	6		
Outlet Diameter:	2.50 in	Number flowing:	1 Coeff.:
Static pressure:	105.00 psi	Residual pressure:	75.
Pitot Reading:	15.00 psi	Flow:	650

Flow at 20 psi: 1141.4 gpm

GRAPH:



NOTES:

- (1) Flowing hydrant is assumed to be on a circulating main or downstream of the pressure test hydrant on a dead-end system.
- (2) Flow analysis assumes a gravity flow system with no distribution pumps and having no demand, other than the test flow.
- (3) Distance between hydrants, elevations & main diameter are for information only.

