

#54 drill metering orifice test
January 18th, 2005

GIVEN

Inlet 500 PSI
Outlet Ambient
Room Temp 62 F

Barrel Circumference 69.4 inches (OD)
Barrel Wall Thickness 0.13 inches

Barrel Wall height 33.1 inches (average)

DATA

Trial #	Start time	End time	Duration (seconds)	Side 1 height (inches)	Side 2 height (inches)	Average height (inches)
1	Discarded					
2	17:00:26	17:12:07	0:11:41	22.25	22.50	22.38
3	18:09:26	18:19:21	0:09:55	20.50	20.75	20.63
4	18:38:21	18:44:25	0:06:04	24.44	24.50	24.47
5	19:04:30	19:07:27	0:02:57	28.50	28.88	28.69
6	19:25:00	19:39:03	0:14:03	17.00	17.38	17.19
7	19:58:12	44:18:27	0:20:15	11.00	11.19	11.09