



Weymouth parameters, P1 calculation	Segment EF	Segment DE	Segment CD	Segment BC	Segment AB
L, miles	1.6	0.8	0.3	1.14	1.7
T, F	80	80	80	80	80
T, R	540	540	540	540	540
SG	0.65	0.65	0.65	0.65	0.65
Q, SCFD	30,332,000	8,664,000	6,411,000	2,411,000	51,000
Q, SCFH	1,263,833	361,000	267,125	100,458	2,125
Q, MMSCFD	30.33	8.66	6.41	2.41	0.05
P_b , psia	14.7	14.7	14.7	14.7	14.7
D, inches	6.07	6.07	6.07	4.02	4.02
$D^{2.667}$	122.68	122.68	122.68	40.88	40.88
$T_{b,R}$	520	520	520	520	520
$T_{b,F}$	60	60	60	60	60
Z	0.9	0.9	0.9	0.9	0.9
P_z , PSIG	900.0	978.1	981.2	981.8	984.8
P_1 , PSIG	978.1	981.2	981.8	984.8	984.8
P_{avg} , PSIG	939.61	979.66	981.50	983.33	984.84

Color Code	
	standard value
	Input
	Output
	Critical output