

Tubing ID		2 441	Gas Volume #1		128.6	Gas Volume #2		127.6	Gas Volume #3		126.03	Gas Volume #4		140.6
Tubing Length		8350	Static		5.3	Static		10.2	Static		37.6	Static		60.6
Top Air		0.6164	Differential		93	Differential		80	Differential		56	Differential		28.76
Grav (g)		0.3652	Temperature		28.76	Temperature		28.76	Temperature		28.76	Temperature		28.76
% CO2		1.0811	Office Factor		670	Office Factor		670	Office Factor		670	Office Factor		670
% N2		1.59	Per		362	Per		362	Per		362	Per		362
Bottom hole Temp			Ter		128.6	Ter		127.6	Ter		126.03	Ter		140.6
			Pm		553	Pm		540	Pm		516	Pm		520
			Tm		0.19	Tm		0.19	Tm		0.19	Tm		0.21
			Pr		1.53	Pr		1.48	Pr		1.43	Pr		1.44
			Tr		0.9805	Tr		0.9796	Tr		0.976	Tr		0.976
			Z		1.0096	Z		1.0103	Z		1.0122	Z		1.0122
			FPV		0.9897	FPV		0.9813	FPV		1.0019	FPV		1.0000
			F1		1.2706	F1		1.2706	F1		1.2706	F1		1.2706
			Fg		839	Fg		1309	Fg		2560	Fg		3422
			O1			O2			O3			O4		
Bottom Hole Pressure for Third Flow Rate			LINE		1	LINE		2	LINE		3	LINE		4
UH(F-Qm) ^{1/2}		0.010763	ITEM		H	ITEM		2	ITEM		3	ITEM		4
T-H=0		0.000759043	SOURCE		0	SOURCE		2566.00	SOURCE		2348.0	SOURCE		2348.7
T-H=8350/2		534	G/H		0	G/H		0.0074.81	G/H		3.51	G/H		3.51
T-H=8350/2		577	Pc or Pn		2088.2	Pc or Pn		2355.6	Pc or Pn		3.51	Pc or Pn		3.51
T-H=8350		619	Pr		3.13	Pr		5.77	Pr		5.77	Pr		5.77
			Tr		1.46	Tr		1.59	Tr		1.59	Tr		1.59
			Z		0.7612	Z		0.8124	Z		0.8124	Z		0.8124
			P/Z		2756.44	P/Z		2898.58	P/Z		2891.05	P/Z		2891.05
			P/Z		5.1619	P/Z		5.0253	P/Z		5.0105	P/Z		5.0101
			(P/Z) ^{1/2} *21000		0.028645	(P/Z) ^{1/2} *21000		0.025105	(P/Z) ^{1/2} *21000		0.025101	(P/Z) ^{1/2} *21000		0.023910
			UH(F-Qm) ^{1/2}		0.000759043	UH(F-Qm) ^{1/2}		0.000759	UH(F-Qm) ^{1/2}		0.000759	UH(F-Qm) ^{1/2}		0.000759
			In		0.027403919	In		0.025871	In		0.025860	In		0.024616
			M=Pa-Pn-1		183.1879	M=Pa-Pn-1		193.4396	M=Pa-Pn-1		193.7241	M=Pa-Pn-1		198.4228
			N=ln+ln-1		250.82	N=ln+ln-1		254.16	N=ln+ln-1		250.82	N=ln+ln-1		244.07
			Sum(MxN)		381.5502977	Sum(MxN)		386.6275589	Sum(MxN)		387.1380265	Sum(MxN)		397.0556511
Delta P		500.7404849	LINE		15x16	LINE		15x16	LINE		15x16	LINE		15x16
Delta P		2568.940485	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17
			SOURCE		1	SOURCE		2	SOURCE		3	SOURCE		4
			G/H		5771.98	G/H		2596.00	G/H		2354.8	G/H		2355.2
			Pc or Pn		183948.63	Pc or Pn		2087.81	Pc or Pn		3.52	Pc or Pn		3.52
			Pr		2598.9	Pr		3.53	Pr		5.77	Pr		5.77
			Tr		3.96	Tr		5.77	Tr		1.59	Tr		1.59
			Z		1.71	Z		0.8124	Z		0.8124	Z		0.8124
			P/Z		0.6586	P/Z		2807.23	P/Z		2898.90	P/Z		2898.90
			P/Z		3028.95	P/Z		5.0385	P/Z		5.0243	P/Z		5.0243
			(P/Z) ^{1/2} *21000		4.8901	(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000		
			UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		10x13	UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		11x12
			In		204.4892	In		108.4707	In		199.0618	In		199.0313
			M=Pa-Pn-1		237.11	M=Pa-Pn-1		240.65	M=Pa-Pn-1		244.12	M=Pa-Pn-1		243.76
			N=ln+ln-1		402.9066743	N=ln+ln-1		387.2387699	N=ln+ln-1		387.8310086	N=ln+ln-1		398.6089952
			Sum(MxN)		15x16	Sum(MxN)		103948.935	Sum(MxN)		98810.89945	Sum(MxN)		98810.89945
Delta P		484.4535325	LINE		17	LINE		17	LINE		17	LINE		17
Delta P		2114.489852	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17
			SOURCE		1	SOURCE		2	SOURCE		3	SOURCE		4
			G/H		5771.98	G/H		2596.00	G/H		2354.8	G/H		2355.2
			Pc or Pn		183948.63	Pc or Pn		2087.81	Pc or Pn		3.52	Pc or Pn		3.52
			Pr		2598.9	Pr		3.53	Pr		5.77	Pr		5.77
			Tr		3.96	Tr		5.77	Tr		1.59	Tr		1.59
			Z		1.71	Z		0.8124	Z		0.8124	Z		0.8124
			P/Z		0.6586	P/Z		2807.23	P/Z		2898.90	P/Z		2898.90
			P/Z		3028.95	P/Z		5.0385	P/Z		5.0243	P/Z		5.0243
			(P/Z) ^{1/2} *21000		4.8901	(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000		
			UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		10x13	UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		11x12
			In		204.4892	In		108.4707	In		199.0618	In		199.0313
			M=Pa-Pn-1		237.11	M=Pa-Pn-1		240.65	M=Pa-Pn-1		244.12	M=Pa-Pn-1		243.76
			N=ln+ln-1		402.9066743	N=ln+ln-1		387.2387699	N=ln+ln-1		387.8310086	N=ln+ln-1		398.6089952
			Sum(MxN)		15x16	Sum(MxN)		103948.935	Sum(MxN)		98810.89945	Sum(MxN)		98810.89945
Delta P		484.4535325	LINE		17	LINE		17	LINE		17	LINE		17
Delta P		2114.489852	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17
			SOURCE		1	SOURCE		2	SOURCE		3	SOURCE		4
			G/H		5771.98	G/H		2596.00	G/H		2354.8	G/H		2355.2
			Pc or Pn		183948.63	Pc or Pn		2087.81	Pc or Pn		3.52	Pc or Pn		3.52
			Pr		2598.9	Pr		3.53	Pr		5.77	Pr		5.77
			Tr		3.96	Tr		5.77	Tr		1.59	Tr		1.59
			Z		1.71	Z		0.8124	Z		0.8124	Z		0.8124
			P/Z		0.6586	P/Z		2807.23	P/Z		2898.90	P/Z		2898.90
			P/Z		3028.95	P/Z		5.0385	P/Z		5.0243	P/Z		5.0243
			(P/Z) ^{1/2} *21000		4.8901	(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000		
			UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		10x13	UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		11x12
			In		204.4892	In		108.4707	In		199.0618	In		199.0313
			M=Pa-Pn-1		237.11	M=Pa-Pn-1		240.65	M=Pa-Pn-1		244.12	M=Pa-Pn-1		243.76
			N=ln+ln-1		402.9066743	N=ln+ln-1		387.2387699	N=ln+ln-1		387.8310086	N=ln+ln-1		398.6089952
			Sum(MxN)		15x16	Sum(MxN)		103948.935	Sum(MxN)		98810.89945	Sum(MxN)		98810.89945
Delta P		484.4535325	LINE		17	LINE		17	LINE		17	LINE		17
Delta P		2114.489852	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17
			SOURCE		1	SOURCE		2	SOURCE		3	SOURCE		4
			G/H		5771.98	G/H		2596.00	G/H		2354.8	G/H		2355.2
			Pc or Pn		183948.63	Pc or Pn		2087.81	Pc or Pn		3.52	Pc or Pn		3.52
			Pr		2598.9	Pr		3.53	Pr		5.77	Pr		5.77
			Tr		3.96	Tr		5.77	Tr		1.59	Tr		1.59
			Z		1.71	Z		0.8124	Z		0.8124	Z		0.8124
			P/Z		0.6586	P/Z		2807.23	P/Z		2898.90	P/Z		2898.90
			P/Z		3028.95	P/Z		5.0385	P/Z		5.0243	P/Z		5.0243
			(P/Z) ^{1/2} *21000		4.8901	(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000		
			UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		10x13	UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		11x12
			In		204.4892	In		108.4707	In		199.0618	In		199.0313
			M=Pa-Pn-1		237.11	M=Pa-Pn-1		240.65	M=Pa-Pn-1		244.12	M=Pa-Pn-1		243.76
			N=ln+ln-1		402.9066743	N=ln+ln-1		387.2387699	N=ln+ln-1		387.8310086	N=ln+ln-1		398.6089952
			Sum(MxN)		15x16	Sum(MxN)		103948.935	Sum(MxN)		98810.89945	Sum(MxN)		98810.89945
Delta P		484.4535325	LINE		17	LINE		17	LINE		17	LINE		17
Delta P		2114.489852	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17
			SOURCE		1	SOURCE		2	SOURCE		3	SOURCE		4
			G/H		5771.98	G/H		2596.00	G/H		2354.8	G/H		2355.2
			Pc or Pn		183948.63	Pc or Pn		2087.81	Pc or Pn		3.52	Pc or Pn		3.52
			Pr		2598.9	Pr		3.53	Pr		5.77	Pr		5.77
			Tr		3.96	Tr		5.77	Tr		1.59	Tr		1.59
			Z		1.71	Z		0.8124	Z		0.8124	Z		0.8124
			P/Z		0.6586	P/Z		2807.23	P/Z		2898.90	P/Z		2898.90
			P/Z		3028.95	P/Z		5.0385	P/Z		5.0243	P/Z		5.0243
			(P/Z) ^{1/2} *21000		4.8901	(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000			(P/Z) ^{1/2} *21000		
			UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		10x13	UH(F-Qm) ^{1/2}		11x12	UH(F-Qm) ^{1/2}		11x12
			In		204.4892	In		108.4707	In		199.0618	In		199.0313
			M=Pa-Pn-1		237.11	M=Pa-Pn-1		240.65	M=Pa-Pn-1		244.12	M=Pa-Pn-1		243.76
			N=ln+ln-1		402.9066743	N=ln+ln-1		387.2387699	N=ln+ln-1		387.8310086	N=ln+ln-1		398.6089952
			Sum(MxN)		15x16	Sum(MxN)		103948.935	Sum(MxN)		98810.89945	Sum(MxN)		98810.89945
Delta P		484.4535325	LINE		17	LINE		17	LINE		17	LINE		17
Delta P		2114.489852	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17	ITEM		Sum 17
			SOURCE		1	SOURCE		2	SOURCE		3	SOURCE		4
			G/H		5771.98	G/H		2596.00	G/H		2354.8	G/H		2355.2
			Pc or Pn		183948.63	Pc or Pn		2087.81	Pc or Pn		3.52	Pc or Pn		3.52
			Pr		2598.9	Pr		3.53	Pr		5.77			