ARC PRESSURE DATA, INC. - GAS FLOW CALCULATIONS

Company:	PHILLIPS PETROLEUM CO.	Operator:	WHEELER - COMMANDER
Lease:	STATE 'R'	Job #:	25527B
Well #:	1	Ticket #:	25527

RECORDED TIMES		GAS FLOW CALCULATIONS							GAS FLOW RATES		
Date/Time	Elapsed Time, Hrs	24 Hr. Coeff.	Static, psia	Diff., in H_2O	Flow Temp., °F	F_{tf}	F_g	F_{pv}	Critical Flow Prover, mcf/day	Orifice Meter, mcf/day	Orifice Well Tester, mcf/day
5/21/01 11:02	0.00	4.789	0.0	0.0	64.0	0.9962	1.2727	1.0111		0.0	
5/21/01 11:17	0.25	4.789	677.8	10.0	64.1	0.9961	1.2727	1.0111		505.4	
5/21/01 11:32	0.50	4.789	678.9	10.0	69.9	0.9906	1.2727	1.0109		502.9	
5/21/01 11:47	0.75	4.789	679.9	9.8	74.8	0.9861	1.2727	1.0108		495.9	
5/21/01 12:02	1.00	4.789	679.7	9.8	76.3	0.9847	1.2727	1.0107		495.1	
5/21/01 12:17	1.25	4.789	677.9	45.7	78.2	0.9829	1.2727	1.0107		1065.7	
5/21/01 12:32	1.50	4.789	676.9	39.0	78.6	0.9826	1.2727	1.0107		983.4	
5/21/01 12:47	1.75	4.789	677.0	40.0	78.1	0.9830	1.2727	1.0107		996.5	
5/21/01 13:02	2.00	4.789	679.9	39.9	77.9	0.9832	1.2727	1.0107		997.6	
5/21/01 13:17	2.25	4.789	684.2	77.4	72.0	0.9887	1.2727	1.0109		1401.7	
5/21/01 13:32	2.50	4.789	686.6	74.0	72.8	0.9879	1.2727	1.0108		1371.9	
5/21/01 13:47	2.75	4.789	688.2	65.9	73.9	0.9869	1.2727	1.0108		1294.8	
5/21/01 14:02	3.00	4.789	689.8	63.7	75.0	0.9859	1.2727	1.0108		1273.1	
5/21/01 14:17	3.25	4.789	690.8	155.1	67.6	0.9928	1.2727	1.0110		2002.3	
5/21/01 14:32	3.50	4.789	688.9	124.3	71.4	0.9892	1.2727	1.0109		1783.5	
5/21/01 14:47	3.75	4.789	682.2	114.0	74.5	0.9863	1.2727	1.0108		1694.6	
5/21/01 15:02	4.00	4.789	678.8	110.0	77.1	0.9840	1.2727	1.0107		1656.3	