ARC PRESSURE DATA, INC. - GAS FLOW CALCULATIONS

Company:	PHILLIPS PETROLEUM CO.	Operator:	EDDIE MOORE
Lease:	GRAYBURG DEEP "30" FED.	Job #:	51693B
Well #:	1	Ticket #:	

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
1/15/02 10:00	0.00	36.6	151.9	0	55.6	1.0043	1.1111	1.0618		0.000	
1/15/02 10:15	0.25	36.6	151.9	13	55.6	1.0043	1.1111	1.0618		1926.959	
1/15/02 10:30	0.50	36.6	154.9	9.7	55.3	1.0046	1.1111	1.0627		1682.780	
1/15/02 10:45	0.75	36.6	162.3	7.9	60.4	0.9996	1.1111	1.0237		1490.067	
1/15/02 11:00	1.00	36.6	149.5	7.2	65.1	0.9951	1.1111	1.0212		1355.914	
1/15/02 11:15	1.25	36.6	165.7	17.6	76.9	0.9841	1.1111	1.0224		2209.733	
1/15/02 11:30	1.50	36.6	163.7	14.5	79.7	0.9816	1.1111	1.0221		1987.701	
1/15/02 11:45	1.75	36.6	160.2	12.7	83.2	0.9784	1.1111	1.0206		1831.607	
1/15/02 12:00	2.00	36.6	158.2	12.2	83	0.9786	1.1111	1.0206		1784.321	
1/15/02 12:15	2.25	36.6	173.5	19.9	84	0.9777	1.1111	1.0226		2389.019	
1/15/02 12:30	2.50	36.6	170.1	17.9	85.7	0.9762	1.1111	1.0213		2237.175	
1/15/02 12:45	2.75	36.6	165.3	15.7	86.1	0.9758	1.1111	1.0213		2064.558	
1/15/02 13:00	3.00	36.6	163.2	15	86.1	0.9758	1.1111	1.0202		2003.060	