MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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nit		Sec. 17	Tw	p. T. 2	ON Rg	e. R_7	W Pure	chaser 1	n Paga Na	denmal (lee Co
asin	7 5/8" 5 1/2" V	7t. 15.	<u>.</u> 1	.D	969 950 Se	t at 117	-5680 Pe	erf	60	_To	5480
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			ressure Flow Temp. Factor		tor	Factor Factor Q-MCF		Rate of Flow Q-MCFPD			
			f	psia	Ft		Fg	Fpv		@ 15.025 psi	
 					189	0.988	7	0.9463	1.01	1	1,685
											
									 		
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INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q I Actual rate of flow at end of flow period at W. H. working pressure (P_w) . MCF/da. @ 15.025 psia and 60° F.
- Pc 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P_{w} Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- P_t Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- P_{f} Meter pressure, psia.
- hw Differential meter pressure, inches water.
- F_g Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{pv} Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\mathbf{W}}$ cannot be taken because of manner of completion or condition of well, then $P_{\mathbf{W}}$ must be calculated by adding the pressure drop due to friction within the flow string to P_{+} .

M. CONSTRA	•	FICE	
15. October 1999			
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