## MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

ro:		G-122
Revised	12	-1-55

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	ing 4-1/2						6444	-84	То	1978-5996
	ing_2-3/8								To	
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Producing Thru: Casing Tubing Tubing  Date of Completion: Packer										
Date	of Comple	tion:	1-17-65	Packe	r House	Sin	gle-Brade	enhead-G.	G. or C	.O. Dual
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Test	ed Through	( <b>1000</b> 00000	(Choke			DD DRIK		Т В	_	
			w Data	/ (Hetter)		- <del> </del>	<del></del>	Type Tap		
	(hievei)	(Choke	) Press	Diff.	Temp.	Press.	Data Temp.	Casing D	Tem.	Duration
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5.				+						
No.									Rate of Flow Q-MCFPD	
	(24-Hour) √ h <sub>v</sub>		h <sub>w</sub> p <sub>f</sub>	f psia		t	F <sub>g</sub> F <sub>p</sub>		1	15.025 psia
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Bas L Bravi	iquid Hydro ty of Liqui	carbon Ra	atio arbons(1-e <sup>-s</sup> )		cf/bbl. deg.	ALCUI <b>ATI</b> C	Speci	fic Gravit fic Gravit <b>2003</b>	y Flow	
No.	P <sub>w</sub> Pt (psia)	Pt <sup>2</sup>	F <sub>c</sub> Q	$(F_cQ)^2$	(F <sub>0</sub>	Q) <sup>2</sup> -e <sup>-s</sup> )	P <sub>w</sub> 2	$P_c^2-P_w^2$	Cal P	P. P. Pc
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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  $\equiv$  Actual rate of flow at end of flow period at W. H. working pressure (P<sub>W</sub>). MCF/da. @ 15.025 psia and 60° F.
- PcI 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwT Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- $F_{nv}$  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  $P_{\mathbf{t}}$ .