MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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								vernment				
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asing_	M	t. <u>17</u>	<u>#</u> I	.D. <u>4.8</u>	92 Set	at	•44 Pe	rf024	74	To 04	07	
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as Pay: From 6204 To 644)7 L xG			_GLBar.Press12.0				
				. / ,		None	Sin	gle-Brade	nhead-G.	G. or G	.O. Dual	
ite of	Complet	ion:_	13/1	/Ci	Packer		<u> </u>	keservo	ir Temp			
						OBSERV	ED DATA					
sted	Through	PF89	ep (Choke)	(Meter)				Type Tap	s		
			low D	a+ a			Tubing	Dat.a	Casing D	ata	-,	
	Prover)	(Chc	ke)	Press.	Diff.	Temp.		Temp.	Press.	Temp.	Duratio	
) •	(Line) Size	(Orif	Cice)	psig	h _w	$\circ_{\mathtt{F}_{ullet}}$	psig	°F.	psig	⊃ _F .	of Flo Hr.	
							1198	<u> </u>	2045			
		3/	4**	566		739	500	730	1571		3 hours	
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	Coeffici	ent		Pr	essure	Flow CAL	CULATION Temp.	SGravity	Compre	ss.	Rate of Flow	
		dell'icient				Flow Temp. Factor Ft		Factor	Facto	or	Q-MCFPD	
-	(24-Hour)		√ h _w	p _f	578	0.9877		0.9463	1.060		@ 15.025 psi	
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	iid Hydro of Liqui		rocarb	ons		deg.		Speci	fic Gravi	ty Flow	ing Fluid	
				l-e ^{-s})				^Р с	2057	_Pc4	231	
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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 = Actual rate of flow at end of flow period at W. H. working pressure (P_W). MCF/da. @ 15.025 psia and 600 F.
- P_c = 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.
- $h_{\mbox{\scriptsize W}}\mbox{\footnotesize I}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_{t} 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 $P_{\mathbf{t}}$.