MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Nane	•		Fc	rmation	n Most	branks		County_	See J	
Init	ial 🗶		Annu	Annual			Special			Test	10/13/60
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Date	of Comple	t.ion:	10/b	160	Packe	. I	Sin	gle-Brade	enhead-G.	G. or	G.O. Dual
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Teste	ed Through				(30000)				Туре Та	ps	
	(D)		Flow D					Data	Casing	Data	Ţ
No.	(Prover) (Line)		oke) .fice)		Diff.	1		Temp.	1	Temp.	Duration of Flow
	Size	S	ize	psig	h _w	°F.		°F.	L	[⊃] F•	Hr.
SI							880		765		7 days
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			.				CULATION				
No.	Coefficient Pro			ressure Flow Temp. Gravit			Gravity	y Compress. Rate of Flow			
NO	(24-Hour) 7/			0.6	psia	Factor F _t		Factor Fac		tor Q-MCFPD @ 15.025 psia	
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					PR.	ESSURE (CALCULATI	ons			
as Li	quid Hydro	ocarbo:	n Ratio	2		cf/bbl.		Speci	fic Gravi	ity Sens	arator Gas
	y of Liqu		rocarbo	ons		deg.		Speci	fic Gravi	ity Flov	ving Fluid
c		·	(:	l-e ^{-s})			_	Pc	830	_Pc	System -
	$P_{\mathbf{w}}$		2								
No.	D. (P	f F	Q.	$(F_cQ)^2$	(F	$\left(\frac{cQ}{c-s}\right)^2$	$P_{\mathbf{w}}^2$	$P_c^2 - P_w^2$	l l	$\frac{P_W}{P_C}$
	Pt (psia)	ļ			· · · · · · ·	(1		23504	766 380	I I	w P _C
2.								<u> </u>	بعوسر		
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COMPA	ute Potent			12	ene	MCFPD;	n 0.7	<u> </u>			
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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 60° F.
- P_c= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw 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.
- $F_g = Gravity$ correction factor.
- F_t Flowing temperature correction factor.
- F_{nv} Supercompressability factor.
- n _ Slope of back pressure curve.
- Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_+ .

