NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122 MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

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rroc	lucing Thru	t: Ca	sing_		Tu	lbing	X S	Type V	Well_	Single	G.O. Dual	
Date	of Comple	tion:_	11-12-	-58	Packe	r	,	Reserv	voir Temp.	G. OF	G.O. Dual	
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No.	(24-Hou		√ h _w r			Factor F _t		Factor	Factor		Q-MCFPD	
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2. 3.	3.0691 5.5233			396.2		1.0147		.9193	1.057		1199	
1. 2. 3. 4. 5.	8.3552				5.2	1,0188		.9193 .9193	1.0		2013 2642	
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2.	1001.2							1002.4	34.3		.7833	
3.	955:2 955:2							970.6	124.3		.9381	
· ·	913.2							833.9	202.8	 	.8768	
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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 ($P_{\rm W}$). MCF/da. @ 15.025 psia and 60° F.
- Pc= 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
- Pr Meter pressure, psia.
- hw Differential meter pressure, inches water.
- F_g= Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If $P_{\rm w}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm w}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.