Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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Revis	e	d		12	-1	-5	5

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	tial X	X Annual				Spec	cial		Date of	Test	5/10/60	
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vi T	P _w	Pt ²	F _c Q			(1.	-€-3)	P _w 2	P _c -P _w ²			
vi —	P _w		F _c Q		(F _c Q) ²	(F. (1-	-€-3)			Cal	P _W P _C	
vi —	P _w	Pt ²	F _c Q			(1.	-€-3)	P _w 2	P _c -P _w ²	Cal	P _W P _C	
vi T	P _w	Pt ²	F _c Q			(1.	-€-3)	P _w 2	P _c -P _w ²	Cal	Pw Pc	
vi	P _w	P _t ²	F _c Q			(1.	(\$)	P _w 2	P _c -P _w ²	Cal	Pw Pc	
vi so.	Pw Pt (psia)	Pt 105.30	F _c Q	5	R4.775	MCFPD;	n_ (P _w 2	P _c -P _w ²	Cal	P _W P _C	
vi 	Pw Pt (psia)	Pt 105.30	F _c Q	5	R4.775	MCFPD;	n_ (P _w 2	P _c ² -P _w ²	Ca.		
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sol MPA DRI	Pw Pt (psia) St lute Potent ANY ESS T and TITLE	Pt 105.30	F _c Q	5	R4.775	MCFPD;	n	P _w 2	P _c ² -P _w ²	Ca.		

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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_W). MCF/da. @ 15.025 psia and 60° F.
- Pc 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_{pv} Supercompressability factor.
- n I 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_{t} .