Form C-122

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	Initial											
Compa	any Sout	houst i	Produ	rtion	Company	_Lease	Holle		We	ll No	3	
Unit		Sec	Tw	p	R	ge. 11	Pu	rchaser	Al Page I	isture!	Gae Company	
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Tubir	1 1/2 V	/t	.79 I	.D	1.610 S	et at_	510	Perf	•	_To	6210	
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Π	Coefficient			FLOW CALCULAT: Pressure Flow Temp.				Gravity Compress. Rate of Flow				
0.	(24-Hour		$\sqrt{h_{\mathbf{W}}}$		psia	*	tor	Factor F _g	Factor F _{py}		Q-MCFPD @ 15.025 psia	
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avit	y of Liqui	d Hydro	carbo	ns_		deg.		Spec	ific Gravi	ty Flow	ving Fluid	
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0.	P _w	$P_{\mathbf{t}}^2$	Fc	Q	$(F_cQ)^2$	2 (F	cQ) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Ca	al. Pw	
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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.
- 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
- P_t Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- FgI Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n _ 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 $P_{\rm t}$.