MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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D Sec. 25 Twp. 26N Rge. 54 Purchaser Southern Union Gas Company	Init	tialX		Annu	al_		Spec	ial		Date of	Test_I	ma 22, 1959	
asing \$2^* Wt. 15.5\$ I.D. 1.955 Set at \$186 Perf. \$3062 To \$1020 \] ubing \$2-3/6* Wt. 1.7 I.D. 1.995 Set at \$2080 Perf. \$3060 To \$3060 \] as Pay: From \$3062 To \$3122 L	Comp	oany SOUTH	ern u	ION CA	s co	MPANY	Lease	Jicari	11e	Wel	1 No	5-1	
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PRESSURE CALCUTATIONS S. Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separator Gas	•	12,3650				3/17	·		0.9463	1.037		1,125	
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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.
- 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.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{nv} 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 $P_{\mathbf{+}}$.

CONCONSTRUCTION COMMISSION