MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

_s Po	ol So	. Bla	neo	P. C.	····	_For	matio	n Pictu	red Cl	if f	8	County_	Rio Ar	riba	
Initial X Annual Special Date of Test July 7, 1959 Company Southern Union Gas Company Lease Jicarilla Well No. 6-J															
Unit H Sec. 25 Twp. 26N Rge. 5W Purchaser Southern Union Gas Company															
															<u>/=</u>
Casing 58 Wt.15.5# I.D. 4.950 Set at 3266 Perf. 3122 To 3200 Tubing 2-3/8 Wt. 4.7# I.D. 1.995 Set at 3160 Perf. 3140 To 3160															
Gas Pay: From 3122 To 3200 L xG _GL Bar.Press. 12.0															
Producing Thru: Casing Tubing X Type Well Single-Gas Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp.															
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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
- $P_{f_{-}}^{-}$ 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 $P_{\rm W}$ 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 $P_{\rm t}$.

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