NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122 .

Revised 12-1-55

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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 sepace of this form and the back pressure curve shall be filed with the Commission 46 Back 871, Santa Pe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q T Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 600 F.
- PcT 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.) pela
- 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.
 - F_t Plowing temperature correction factor.
- $\mathbf{F}_{\mathbf{py}}\mathbf{I}$ 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 $P_{\rm t}$.