NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

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(24-Hour)	Flow Fac	Temp.	Gravity	Compre		
(24-Hour) \(\sqrt{h_wp_f} \) psia 1.	l		Footon		5 5.]	Rate of Flow
Plas Liquid Hydrocarbon Ratio			Fg	Facto F _{pv}		Q-MCFPD @ 15.025 psia
Plas Liquid Hydrocarbon Ratio	.996		.9463	1.064		1.525
Plas Liquid Hydrocarbon Ratio	.990	5	.9463	1.060		2,230
Plus Liquid Hydrocarbon Ratio	.990		.9463	1.060		2,591
Plus Liquid Hydrocarbon Ratio	•990	7	.9463	1.060		3,199
	rESSURE (cf/bbl. deg		Spec: Spec:	ific Gravi ific Gravi	ty_Flow	rator Gas ing Fluid
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OMPANY El Paso Matural Cas Company			0.D.U	larght		

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 (Pw). MCF/da. @ 15.025 psia and 600 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
- Pf Meter pressure, psia.
- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv 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 $P_{\rm t}$.