Form C-122
Revised 12-1-55

OIL GON. COM.

MULTI-POINT H	BACK	PRESSURE	TEST	FOR	GAS	WELLS
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nitial	AnAn	nual		Spe	cial		Date of	Test	11-27-64
ompany PAN AND	RICAN PRES	METERN C	AP.	Lease	Matten (	no this		Ll No	1_
nit 🚆	Sec. •	Twp. 391	Rg	e. 1	<b>24</b> Purc	haser <b>z</b>	l Rees He		
asing 4-1/2	Wt10.5	_I.D <b>4.</b>	<b>952</b> Se	t at	<b>6141</b> Pe	3963 rf. 5864	-9971	To	4044 44
ubing 2-3/8	Wt. 4.7	I.D. 1.	995 Se	t at	<b>3992</b> Pe	rf. 🦅	P44	To	5050
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roducing Thrusate of Complet	tion:	20-64	Packe	r M	Sin	gle-Brade Reserve	enhead-G.	G. or G	.O. Dual
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(4-10V-F)	Flow (Choke)	Data	Diff	Temp	Tubing		Casing I		Duration
(Line) Size	(Office Size	)		o <sub>F</sub> .		o <sub>F</sub> .	1	o <sub>F</sub> .	of Flow Hr.
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$(24-Hour)$ $\sqrt{h_{w}p_{f}}$		psia Fac		Temp. Gravity ctor Factor Fg				Rate of Flow Q-MCFPD 0 15.025 psia	
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4.365									
Liquid Hydro vity of Liqui				ESSURE Cocf/bbldeg.		Speci Speci			rator Gas
Liquid Hydro vity of Liqui Pw	d Hydrocar	bons_		cf/bbldeg.	(Q) <sup>2</sup>	Speci Speci	fic Gravi	ty Flow	ing Fluid
Liquid Hydro vity of Liqui	d Hydrocar	bons (1-e-s)		cf/bbldeg.	-e <sup>-s</sup> )	Speci Speci P <sub>c</sub>	fic Gravi	ty Flow:	ing Fluid
Liquid Hydro vity of Liqui  Pw  Pt (psia)	d Hydrocar	bons (1-e-s)		cf/bbldeg.	-e <sup>-s</sup> )	Speci Speci P <sub>c</sub>	fic Gravi 2110 P <sub>c</sub> -P <sub>w</sub> <sup>2</sup>	ty Flow	ing Fluid
Liquid Hydro vity of Liqui  Pw Pt (psia)	d Hydrocar	bons (1-e-s)		cf/bbldeg.	-e <sup>-s</sup> )	Speci Speci P <sub>c</sub>	fic Gravi 2110 P <sub>c</sub> -P <sub>w</sub> <sup>2</sup>	ty Flow	ing Fluid
Pw Pt (psia)  solute Potent MPANY DRESS	d Hydrocar	F <sub>c</sub> Q	(F <sub>c</sub> Q) <sup>2</sup>	cf/bbl.deg.	cQ) <sup>2</sup> -e <sup>-s</sup> )	Speci Speci P <sub>c</sub>	fic Gravi 2110 P <sub>c</sub> -P <sub>w</sub> <sup>2</sup>	ty Flow	ing Fluid
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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<sub>W</sub>). MCF/da. @ 15.025 psia and 60° F.
- $P_c$  72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwI 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.
- $h_{\mathbf{w}}^{-}$  Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If  $P_{W}$  cannot be taken because of manner of completion or condition of well, then  $P_{W}$  must be calculated by adding the pressure drop due to friction within the flow string to  $P_{+}$ .