MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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ompa	any Pan Am	erican i	e trol	eun Coi	. I	ease Ga	llegos (Canyon Uni	t Wel	l No	102
nit	B	Sec	L3 Twp	29N	Rge	. 13W	Purc	chaser_Te	um of Far	aing ton	
asiı	ng lat	Wt. 9.	<u>5</u> 1.	D. 4.)90 Set	at_ 60	89 Pe	erf 5953 -	5957	To 59	65-5971
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	of Comple	· vas.	g		1ub	Mana.	Sir	Type we ngle-Brade	enhead-G.	G. or G	.O. Dual
ite	or combre.	tion:	7-10-0	<u></u>	Packer			Keservo	oir Temp	711	0- 1
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Li vit		id Hydro	carbo			cf/bbl.	ALCUTATI	Speci Speci		v Flow	
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Li vit	y of Liqui	id Hydro	carbo	ns _e ^{-s})		cf/bbl. deg.		Speci Speci	fic Gravit	P ² 3.	ing Fluid
Li	y of Liqui	id Hydro	carbo	ns _e ^{-s})		cf/bbl. deg.	_{cQ)} ² -e-s)	Speci Speci P _C _1	fic Gravit	P _c 3.	ing Fluid
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Li vit sol MPA DRE	Pw Pt (psia) ute Potent	Pt Pt Pan Am	F _c	ns -e ^{-s})	(F _c Q) ²	(Formula (1) MCFPD:	n 0.79	Speci Speci P _C _1'	fic Gravit	PC 3	ing Fluid

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 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- P_{w} 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.
- F_{DV} 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 $P_{\mathbf{t}}$.