MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

	ol Basin	Calcuta		— ^{ror}	mation	lake	rta		County_	San Ju	<u> </u>	
In											me 11, 1962	
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Dat	oducing Thru	tion.	<u> </u>				Sin	gle-Brad	enhead-G.	G. or (.O. Dual	
<i>-</i>	o or compre		June 3,	1962	_Packe			Reserve	oir Temp.		Dual	
						OBSERV	ED DATA					
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_			ow Data				Tubing	Data	Casing D	ata		
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- 4	ity of Liqui	a Hydro	carbons_ (1-e ⁻	B)		deg.		Speci	fic Gravit	y Flow	ing Fluid	
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avi	$P_{\mathbf{W}}$	Pt ²	F _c Q	(1	(Q) ²	(F ₀	Q) ²	P _w 2	P _c -P _w ²	Cal		
avi			F _c Q	(1	⁷ cQ) ²	(F ₀	Q) ² e-s)			P.		
avi	$P_{\mathbf{W}}$		F _c Q	(1	⁷ cQ) ²	(F ₀		P _w 2	P _c -P _w ²	P.		
avi	$P_{\mathbf{W}}$		F _c Q	(1	⁷ cQ) ²	(F ₀				P.		
o.	P _w Pt (psia)	Pt ²	F _c Q	(1	(cQ) ²					P.	Pc	
o.	$P_{\mathbf{W}}$	Pt2	399	7		MCFPD;	n_ 0.75			P,	V1 5 1962	
o · · · · · · · · · · · · · · · · · · ·	Pw Pt (psia) Plute Potent: PANY EESS	Pt ial:	399 2an Amer	ican	etro)	MCFPD;	n 0.75	56,516	3,619,52	P,	V1 5 1962	
oso OMP ODR	Pw Pt (psia) Plute Potent	Pt ial:	399 2an Amer	ican	etro)	MCFPD;	n 0.75	56,516		P,	, Pc	

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 I Actual rate of flow at end of flow period at W. H. working pressure (P_W). MCF/da. @ 15.025 psia and 600 F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- $P_{\mathbf{w}}^{-}$ 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.
- $h_{\mbox{\scriptsize W}}$ Differential meter pressure, inches water.
- F_{g} Gravity correction factor.
- F_t 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 $P_{\mathbf{t}}$.