Form C-122

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Revised	1	2]	L - 5	5

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Manon		Fo	rmation	Pedn	Locker	<u> </u>	_County_	Sen Ju	
Init	ial 🕱	Ann	ual		Speci	ial		_Date of	Test	9-8-56
omp	any Asto	c 011 & 0a	a Compan	y	Lease Cu	pop et	tertin_	We]	Ll No	6
nit	. A S	ec. 33 T	wp. 32	Rge	. 12-H	Purch	naser_8	rethern E	nian Os	e Company
asi	ng 5 1/2" W	t. 15.5#	I.D.	Set	t at 500	Per	ef. 1.77	140	_To	L922
'ubi	ng 2 3/8 * W	t. b.7 /	I.D	Set	t at 489	Per	f. kg	2	To	LOTE
										ess.
	lucing Thru:									
ate	of Complet	ion:		Packe		Sing	le-Brade Reservo	nhead-G. ir Temp.	G. or	G.O. Dual
						ED DATA	-			
est	ed Through		(Choke)	(Minimum)				Type Tap	ps	
		Flow				Tubing		Casing 1		,
0.	(Line)	(Choke) (Orifice)						Press.		of Flow
I	Size	Size	psig	h _w	° _F .	psig	° _F ,	psig	°F.	Hr.
		3/1				1032		879		J house
\vdots										
io.	Coeffici	_			Flow	tor	Gravity Factor Fg		or	Rate of Flow Q-MCFPD @ 15.025 psia
-	12.1690			141	1,0		0.961	1.0k)	51.97
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avi	Liquid Hydro ty of Liqui	d Hydrocar	io_ bons_ (1-e ^{-s})_			ALCU ATI	Speci Speci	fic Grav	ity Flo	arator Gas wing Fluid
0.	P _w Pt (psia)	Pt2	F _c Q	$(F_cQ)^2$	(F	c ^{Q)²} -e ^{-s})	P _w 2	$P_c^2-P_w^2$	С	al. Pw Pw Pc
:	- 0 (F3)						7) 100	and and		

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	PANY				REM	ARKS			105	TIVEN
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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 = Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- 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.
- $h_{\mathbf{w}}$ Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{nv} 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 $P_{\mathbf{t}}$.

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