## Revised 12-1-55

## MULTI-FOINT INCH PRESSURE TEST FOR GAS WELLS

Pool julcher-Kuts &					Formy lon idetured little				County San Juan		
Init	ial yxx		Armuri _	dodor oper to t		Spe	cial		Date of	Test	1/0/19
Company Astac 31 A Ad Co					cny Lease sin				Well No. 8		
Unit	<u>a</u> S	e. <u>jr</u>	™ <sub>v</sub> o	<b>2</b> 01	Rge.	. 10,	Pur	chaser	Sou Caura	nion	as correny
Casi	ng 1.5 W	t	I.D	1.0	∞ Set	at_ <b>2</b> 0	P	erf <u>1</u> 9	72	To2	0 <b>1</b> 6
Tubing Wt. 1.7 I.D.				<u>. iai</u>	lg Set	at_2)	<u>os</u> F	erf. 1	81	To1	<i>-</i> 93
Gas Pay: From 1972 To 2016 L xG _GL Bar.Press.											ess
	ucing Thru:										
Date	of Complet	ion:	c/1/50		Packer		Si	ngle-Brad Reserve	enhead-G. oir Temp.	G. or (	G.O. Dual
		20781	, ,				VED DATA		Type Tap		
		Fl	ow Data			<del> </del>	! Tubin	g Data	Casing D	ata	<u> </u>
No.	(Prover) (Line)	(Chok (Orifi		ess.	j			. Temp.	Press.	Temp.	Duration of Flow
GT.	Size	Siz	e p	sig	h <sub>w</sub>	°F.	psig	°F.	<u> </u>	□ oF•	Hr.
SI 1.		.750					116 25h		51.6 23h	<u>්ට</u> රිජි	7 days
2 <b>.</b> 3 <b>.</b>											
4.											
5.											
<del></del> -	Coeffici	ant		Tom			COLATIO		Compre		Rate of Flow
No.	Coefficient (24-Hour) $\sqrt{r_{wp_f}}$		Pressure psia		Fac Fac	ctor	Factor	Facto	r	Q-MCFPD @ 15.025 psia	
1.	12,549			21.6		9924		Juna -	1.023 2968		2968
3.											<del></del>
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	iquid Hydrod by of Liquid			-s <sub>)</sub>		t/bbl. deg.		Speci Speci			rator Gasving Fluid
No.	P <sub>w</sub>	Pt <sup>2</sup>	F <sub>c</sub> Q		(F <sub>c</sub> Q) <sup>2</sup>	(F	$\left[ \frac{cQ}{c-s} \right]^2$	P <sub>w</sub> 2	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Ca F	Pw Pc
1.	2-6			#				70,7.6	20,008	-	
1. 2. 3. 4.											
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COMP			3696			MCFPD;	n	.85			
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COMP						D. 77	MDVC				
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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 I Actual rate of flow at end of flow period at W. H. working pressure ( $P_{\rm W}$ ). MCF/da. @ 15.025 psia and 60° 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
- $P_t$  Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw 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  $P_{\mathbf{w}}$  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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