MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS Revised 12-1-55

Poo.	_ Basis	Debot		F	ormation		Bakets		_County_	500	Juan		
	tial												
Comp	pany PAN ANI	RICAR	72334	LOTTE C	017.	Lease	2. 3. se	llives Co	s thicke	ll No	 	3	
	. <u> </u>												
	ing 4-1/2 h												
Tub	ing 2-3/8 W	/t	. 7 _I	.D. 1.	995 Se	t at_425	Pe	rf	223	To	61	29	
Gas	Pay: From_	6275	To	6390	L	333 x	G700		4433	_Bar.Pr	ess	13	
Proc	ducing Thru:	Cas	sing		Tu	bing	Sin	Type We	nhead-G	G. or	G.O. D	nal	
Date	e of Complet	ion:_	4-13	-44	Packe	r	Bean Dan	Reservo	ir Temp.				
						OBSERV	ED DATA						
Test	ted Through			Choke)	(H000F)				Type Ta	ps	Plane	<u> </u>	
			Flow D				Tubing		Casing		-	D	
No.	(Line)		me) fice)		Ì,)	ł	Temp.	Press.	1	1	Duration of Flow	
	Size	S	ize	psig	h _w	°F.		o _F .	psig	°F.		Hr.	
SI		ļ		257			157	oot.	1932			3 hr.	
1. 2.	desi 1	.7		437	+			-					
3. 4. 5.										1			
4.		 		 	+					+	- 		
<u> </u>		L		 		L		4			<u></u>		
			,	 _			CULATION				1 0-4-	of Flore	
No.	Coeffici	Lent		P	ressure			Gravity Factor			Q-MC	of Flow	
No.	(24-Hour) √		n h	wp _f psia				i		Fpv		● 15.025 psia	
1.	32.3690		 ' 	- 1	260					1.012		257	
2. 3.													
3.													
4. 5.											I		
					PR	essure (CALCUIATI	ONS					
					110		ALOUINIA						
	Liquid Hydro					cf/bbl.			lfic Grav Lfic Grav				
Frav:	ity of Liqui	id Hyd:	rocarb <i>)</i>	ons 1-e ^{-s})		deg.	•	P_ 1	MAN Grav	P2 P	1.837.1		
· c			`				-	C		_			
	D												
No.	$P_{\mathbf{W}}$	P	2 F	' _c Q	$(F_cQ)^2$	² (I	$\left(\frac{1}{2}c^{Q}\right)^{2}$	$P_{\mathbf{w}}^2$	$P_c^2 - P_w^2$		Cal.	Pw Pc	
	Pt (psia)					()	L-e ^{-s})	40,096	3,430,40		Pw	r _c	
1. 2.													
3. 4.													
4.		 							 				
20-1	-Zarta Dana		341	11		MCFPD	n •1	73					
	olute Potent PANY	TATE				MOFFD	, <u> </u>						
	RESS	100,		<u> </u>		ries				المراجع			
	NT and TITL NESSED					,: ` - -			-	11	HVIJ	76	
	PANY	1	. 1.	leell '						KIL	LIT		
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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
- Pw- 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
- Pr 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_{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_{+} .