MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool .	ool Basin Pahota			Forma	Formation Babeta				County See June			
Initia	al 🙎		Annual_			Speci	.al		Date of	Test	8-12-63	
Compa	ny Tan am	RICAL	ATTECL !	u Coest		se_lim	rozov Ga	e Delt	Wel	l No	1	
Unit	_ ∄ s	ec 15	Twp	294	Rge	130	Purcl	naser				
											6176	
Tubin	g 2-1/16 W	t	I.D.	2.062	Set a	at_ 6D]	Per	f		To		
						·					ess. <u>12</u>	
Date o	of Commolet	ion:	8-4-6	3 P	 acker	N _{pp}	Sin	le-Brade Reserve	enhe sd- G.	G. or (3.0. Dual	
				'		DBSEF.VE						
Tester	i Through	<u> </u>	(Chal	(a) A)DOM: (1	D DAIA		Туре Тар	. 1	1 anna	
168666			ow Data				The base	Dot o				
	(********	(Chok	e) Pro		iff. 7		Tubing Press.		Casing D		Duration	
No.	(Line) Size	(Orifi Siz	.ce) e p:	sig	n _w	o _F .	psig	°F.	psig	or.	of Flow Hr.	
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2.	2 Days	.730					433		1133		3 Wrs.	
3. 4.												
5 .						二土						
					FLC	W CALC	ULATIONS	5				
No.	Coefficion (24-Hou				ure	Flow Temp. Factor		Gravity Factor	Compress. r Factor Fpv		Q-MCFPD	
1. 2.	12.3656			415	I	.555		.98%	1.05		4933	
2. 3.												
4. 5.												
as Lic ravitj	quid Hydro 7 of Liquid	d Hydro			cf		LCUIATIO	Spec:		ty Flow	arator Gas wing Fluid	
No.	w Pt (psia)	$P_{\mathbf{t}}^2$	F _c Q	(F	_c Q) ²	(F _C		F _w 2	$P_c^2-P_w^2$		Pw Pc	
1. 2.								311,613	3,204,44			
3.												
5.			 							 		
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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 (P_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
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.