Form C-122 Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Pool Undersignated				Formation Plotured Cliffs				County Sen June			
Init	tial		_Annual_			Spec	ial		Date of	Test_	k/29/60	
Comp	pany Aste	o 043 A	Gas Cong	METY		Lease	Çw.	enter	Wel	l No	1.0	
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			100								ess. 12	
Date	of Compl	u. 0as	h/or in			03.11g-	Sin	gle-Brade	ell denhead-G.	G. or	G.O. Dual	
Date	or compr	etion:	7/44/		_Packe:			Keservo	oir Temp		G.O. Dual	
						OBSERVI	ED DATA					
Test	ed Through	h (130)	(Cho	ke) 🤼					Type Tap	5		
			low Data				Tubing		Casing Da	ata	T	
No.	(Prover (Line)	Orif	ice) Pr	ess.	Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration of Flow	
27	Size	Si	ze p	sig	h _w	°F•	psig	°F.	psig	[⊃] F•		
SI		0,7	50						724	60	7 days	
2. 3.												
4.												
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	Coeffic	rient.		Pres	euro	Flow CALC	romn l	Constitut	Compres	20	Rate of Flow	
No.		İ	<u></u>			Fact	or	Factor	Factor	r	Q-MCFPD	
+	(24-Ho	our)	$V^{h_{\mathbf{W}}p_{\mathbf{f}}}$	psia		F _t		F _g	F _{pv}		@ 15.025 psia	
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3. 4.				+								
5.												
					PRI	ESSURE CA	ALCU ATI	ons				
	iquid Hydı					cf/bbl.					arator Gas	
ravity of Liquid Hydrocarbons(1-e-				deg. Spec				rific Gravity Flowing Fluid				
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T	$P_{\mathbf{W}}$	2	T		2		,2		2 2			
No.	Pt_(psia)	$P_{\mathbf{t}}^2$	F _c Q	($(F_cQ)^2$	(F ₀	$(Q)^2$ (e^{-s})	P _w 2	$P_c^2 - P_w^2$	Ca	Pw Pc	
<u></u>	82	6.78	76.76		1.0	13.70		10,75	533.190	 	W	
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	lute Poter	ntial:_	1000			MCFPD;	n 0	.83	<u></u>			
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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_W). MCF/da. @ 15.025 psia and 60° F.
- PcI 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
- P_f Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{DV}^{-} Supercompressability factor.
- n _ 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_{+} .