			MUL	TI-POINT	BACK PRES	SSURE TES	r for gas	WELLS		Revised	12-1-55
Pool	<u> </u>	gnated		_Formatio	n <u>Pole</u>	ės		_County	No Ar	riba	
Init	ial		Annual		Spec	cial		_Date of	Test	7-14-59	
Comp	oany	11 ₇ 041	Company		_Lease	Kertico-Fr	M WAN	Wel	1 No	1	
	S	-									
Casi	ng 🥦 V	/t23_1	_I.D	6.336" S	et at	749 Pe:	rf. 647	7	To6	561	
Tubi	ng 🐅 V	/t	_I.D	1.995° S	et at	560 Pe:	rf 65 5		To	54	
	Pay: From_	-									
	lucing Thru:										
	of Complet										
	•					VED DATA		_			
Test	ed Through	(Praye	w) (Chok	e) (Meke r				Туре Тар	S		
			ow Data		<u> </u>	Tubing	Data	Casing D			
No	(Prover) (Line)	(Chok	e) Pre	ss. Diff	Temp.	Press.		Press.			ation Flow
	Size	Siz	e ps	ig h _w	°F.		°F.	psig	°F∙	Н	1
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3.											
<u>4.</u> 5.		 				 			 		
<u> </u>		<u> </u>							<u></u>	<u> </u>	
	Coeffici	ent		Pressure		Temp.	Gravity Compress. Rate of Flow				
No.	(24-Hour) -/		$\sqrt{h_{\mathbf{W}}p_{\mathbf{f}}}$	psia	ľ	ctor Ft	1		r	Q-MCFPD @ 15.025 psia	
1.	12,3450			70.0	1.00	9	0.9325	F _{pv}		199	
1. 2.											
3° 4° 5°											
5.											
	iquid Hydro ty of Liqui				RESSURE (Speci Speci	fic Gravi fic Gravi	ty Flow		
No.	Pt (psia)	P _t ²	F _c Q	(F _c Q)	(.	1(1) ² 1-e ^{-s})	P _w 2	P _c -P _w ²	I	PV I	Ç C
<u> </u>	70.0	5,00		74.		240	26,2	4,844,5	162	0,0	773
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4.				1					 		
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			Company								
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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 (Pw). MCF/da. @ 15.025 psia and 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- $P_{\mathbf{w}}^-$ Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- $h_{\mbox{W}}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} 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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