MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Pool	ool <u>Undesignated</u>			F	Formation Pictured Cliffs				County Rio Arriba			
Init	ial <u>x</u>		Annu	ual		Spec	ial		_Date of	Test_1	0/13/58	
Compa	any Magnol	la Pet	roleum	n Compa	ny	Lease	Jicarilla	uHu	Wel	l No	8 PC_UT	
Unit	<u>M</u> S	Sec	12 Tw	p. <u>26</u>	N Rg	e. <u>3₩</u>	Purcl	naser <u>Pac</u>	ific Nort	hwest	Pipeline	
Casi	ng 7-5/8" W	it. 25.	40 # I	.D. <u>6.9</u>	69# Se	t at <u>40</u> :	10 Pe	rf3694		To	37561	
ľubii	ng <u>2-3/8#</u> W	it <u></u>	7# _I	.D. <u>1.9</u>	95 ■_Se	t at_37	/1! Per	rf	···	Го	ana	
	·										ess. 12 psia	
Date	ucing Thru: of Complet	ion:	9/18	/58	Packe	r None	Sing	le-Brade Reservo	nhead-G. (G. or (G.O. Dual	
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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
- P_{f} Meter pressure, psia.
- hw Differential meter pressure, inches water.
- F_g : 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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