

NEW MEXICO OIL CONSERVATION COMMISSION

DEC 1 7 1965

C. C. Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

										County		
Initial X Annual							Spe	ecial_	,	Date of Test		
Compan	y Pan An	erica	n Pet.	Corp	orati	on	_Lease_	Smith	Gas Unit		ell No.	
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	5.2 4601.9 49.183 2418.9 3.2 4256.8 56.089 3145.9			691.83 899.75		5293.7	709.8	2348 2301	.9391			
	-	679.5				41	1284		51.56.6 4964	846.9 1039.5	2271	.9269 .9093
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PANY_		Meric Meric	on Purt	celeu	C. P	ouri pors	tion					
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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
- P_t 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.
- 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 $P_{\rm t}$.