MULTI-POINT BACK FRESSURE TEST FOR GAS WELLS

Pool South Blanco Formation Dako						ta County Rio Arriba				
Initial	<u> </u>	Annual_		Spe	ecial		_Date of T	Cest <u>8.</u>	-659	
Company Ca	ulkina (11 Compa	any	Lease_	Breech	иди	Wel.1	L No	m_4	
nit	Sec	33_Twp	27N R	ge. <u>6w</u>	Pur	chaser_So	ithern U	nion G	a Company	
asing 51"	Wt	・ 5 # <u>7#</u> I . D .	4.950 <u>1:892</u> Se	et at_7	398 P	erf 74 !	18	[o	0	
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ا		$\sqrt{h_{W}p_{f}}$			ctor Ft	Factor F _g			Q-MCFPD @ 15.025 psia	
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14.										
			PR	ESSURE	CALCULAT	IONS				
s Liquid H	ydrocarbo	n Ratio		cf/bbl	.•	Speci	fic Gravit	y Separ	ator Gas	
ravity of Liquid Hydrocarbons deg. Specific Gravity Flowing Fluid C 24.62 (1-e-s) 0.281 Pc 2089 Pc 4.363.931								ng Fluid		
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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 Tactual 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
- 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_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_+ .

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