MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	-	SLONG	·			_For	mation	·		<u> </u>	s	· ·	_Cour	nty	5 <u>#</u> _	. Alian	· · · · · · · · · · · · · · · · · · ·	
Init	ial		МХ	Annu	al				_Spec	ial			_Date	e of :	rest	pri	1 22, 1959	
Company AV AND THE			<u> </u>	<u>, a da magy</u> Lease <u>ya d</u>							· · · · · · · · · · · · · · · · · · ·	Well No. 10						
Unit	*	s	ec2	Tw _j	p. <u>2</u>	2月	Rg	e	300	Pu	rcha	ser						
Casi	.ng!	<u>. e:</u> W	t. <u> </u>	<u> </u>	.D	h.J	<u>no</u> _Se	t at	t <u>21</u>	M	Perf	• <u>2)96</u>			Го <u></u>	211.2		
Tubi	.ng	W	t <u>l</u> .	<i>7</i> I	.D	انمة	<u>.9</u> Se	t at	t <u>21</u>	38	Perf	· <u>2113</u>		- -	Го <u>;</u>	2123		
Gas	Pay:	From_	2006	_To	21/2		_L		x	:G		GL		I	Bar.Pr	ess		
												Type We e-Brade						
Date	of C	omplet	ion:	1./22/	/t/Q		_Packe	r		S:	ingle	e-Brade Reservo	nhead ir Te	i-G. (emp	3. or (G.O. L	ual.	
		rough	ion. Pigo	- 2173 2166	}•		- 575	OI 2*		ED DATA					5			
				Flow Da			Diff	m,		Tubi				ing Da		T	Duration	
No.	(L	ine)	(Ori	fice)				}	-		ı	o _F .					Duration of Flow	
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3.						1					1					ļ		
4. 5.						\pm					\pm							
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No.	Coefficient				Pressure Flow Temp					Gravity Comp								
	(24-Hour)		r)) $\sqrt{h_{WI}}$		psia		Ft			F _g		Fpv		@ 15.025 psia			
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3. L.													-					
5.																	;	
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		Hydro Liquid							bbl.						y Sepa			
C		Liquid	u nyai	(]	1-e ⁻⁸	3)			ueg.						P2 P2			
				· · · · · · · · · · · · · · · · · · ·										-				
No.	$P_{\mathbf{W}}$		Pŧ	F	Q		$(F_cQ)^2$		(F	_c Q) ² -e⁻s)		P _w 2	P_0^2	$2 - P_{\mathbf{w}}^2$		al.	P _W F _C	
1.	Pt (psia)				<u> </u>			(1-		-e ^{-s})	102	02,100		353,225		P _w F _c		
2.						1		_										
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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.
- 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.
- Ft Flowing temperature correction factor.
- F_{pv} 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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