Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Poo	1	outh 1	()	Exte	neton	Form	ation	_ Plet	ured CL	ffs	County	M	Arriba	
Ini	tial	X		_Annu	al			Spe	cial		Date of	Test	9/15/60	
Com	pany	Astec	011 6	Gas (ay_		Lease	Arin	ma-Jiceri	lle B We]	Ll No	3	
Uni	t <u>#</u>	S	ec	LO Tw	p	26H	Rg	e 	Pur	chaser	·			
Cas	ing 2 7	/8 W	t. 6.1	60 I	.D	2,44	SeSe	t at 🎩	72 P	erf 35	15	To	545	
Tub	ing	W	t	I	.D		Se	t at	P	erf		_To		
Gas	Pay:	From_	3515	_To	354	5	L	351.5	kG 0.7	Bot GL	a\61	Bar.Pre	ss 12	
Pro	ducing	Thru:	Cas	ing_	1		Tu	bing		Type We	ell	&	ngle	
Date	e of Co	omplet	ion:	9/	3/60		Packe	r	Si	ngle-Brade Reservo	enhead-G. oir Temp.	G. or G	.O. Dual	
									ÆD DATA					
Test	ted Thi	rough			Choke	e) (22		K			Type Tar	os		
				low D					Tubin	g Data	Casing I			
No.	(Pro	over)	(Cho	ke)	Pres	s.	Diff.	Temp.	Press	. Temp.	Press.		Duration of Flow	
			Si	ze	psi	g	h _w	°F.	psig	°F.	psig	[⊃] F•	Hr.	
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No.	Coefficient									emp. Gravity or Factor				
	(2	4-Hou	r) -	$\sqrt{h_{w}}$	p _f	ps:	ia	F	't	$^{ extsf{F}_{ extsf{g}}}$	Fpv		@ 15.025 psia	
1. 2.	12.	365				18		1,000		0.9608	1.60	5	21.93	
<u>3</u> .						<u></u>				····				
3. 4. 5.														
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			_											
	Liquid Lty of							cf/bbl. deg.					rator Gas ing Fluid_	
c				(l-e ⁻⁵)			-		917		40.899	
T							 		·····		·			
No.	$P_{\mathbf{W}}$		$P_{\mathbf{t}}^2$	F	Q	(I	$(cQ)^2$	(F	(cQ) ²	P_w^2	$P_c^2 - P_w^2$	Ca	1. P.,	
_	Pt (p	- 1	-		<u>-</u> 							P.	P _W P _C	
1. 2.) lä		32. 76	3 13	173	1.4	. Line			57,963	783,485	239		
3. 4. 5.							<u>.</u>							
5.												1		
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SEP 21 1960 OIL CON. COM. DIST. 3

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
- PwT 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 $P_{\mathbf{W}}$ 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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