MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS Revised 12-1-55

						Pictur	en attit				REIU
nitial x Annual			Special				_Date of	Test_s	Sept. 9, 1956		
ompa	any Wester	en Nat	ural G	as Comp	any	Lease	Oxpard		We]	1 No	2
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asir	ng <u>5}</u> V	Vt	 14I	.D. 5.	012 Se	t at 22	02 Pe	(2076	–2085) (2 0	99-2117 To_21/	7)(213 7– 2149) 19
	ng 1 V										
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L _	cing Thru:					J	Sin	gle-Brade	enhead-G.	G. or	.O. Dual
.te	of Complet	cion:_	Aug.	22, 195	6_Packe	r None		Reservo	oir Temp.	107	
						OBSERV	ED DATA				
ste	ed Through	(Prox	veek (Choke)	(Machons)				Type Tap	s	
			Flow Da				Tubing	Data	Casing I	ata	<u> </u>
	(Prover) (Line)		oke) fice)		Diff.	Temp.	Press.		Press.	Temp.	E .
	(Line) Size			psig	h _w	°F.	psig	°F.	psig	o _F .	of Flo Hr.
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+		3/	4				853 336		319		3 hours
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						FLOW CALC					
	Coefficient $\sqrt{h_{w}p_{f}}$ F (24-Hour)			Pr	Pressure Flow Temp. Factor			Gravity Compress. Rate of Flow Factor Factor Q-MCFPD			
٦				_ ,	r psia			Fg			@ 15.025 psia
1	(24 <u>-</u> 10u	r)	$N_{\rm N}$	'i' l	hera	r. f	,	^ 2 7	va l	i i	
1	14.1605		$\sqrt{N_{\rm M}}$						 -		
+-									1,03		
-			V nwi						 -		
			V nw₁						 -		4580
			V N _W F		331			0.9535	 -		
	14,1605				331 PRI	0.9943 ESSURE 04		0.9535 ONS	1,033		4580
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Li	14,1605	carbor	n Ratio		331 PRI	0.9943 ESSURE 04		O.9535 ONS Speci	1.03	ty Sepa	4580
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Livit	14.1605	carbon d Hydr	n Ratio	ons_ L-e ^{-s} /	331 PRI	o.9943 ESSURE OF	LCULATIO	O.9535 ONS Speci Pc-	fic Gravi	ty Sepa ty Flow	rator Gas_ ing Fluid_ [8.2
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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 \square 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.
- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- FgI Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n [Slope of back pressure curve.

Note: If P_{α} cannot be taken because of manner of completion or condition of well, then he is the calculated by adding the pressure drop due to friction where the low string no P_{γ} .

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