WITNESSED COMPANY

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	•					HOB	BS OFFIC	E 00001	etesia Of	Form C-12
	٠ هر	11 T 4 4	MUL	TI- POINT E	BACK PRES	SSURE TES	ST FOR GA	S WELLS	Γ	Revised 12-1-
00	1 0	rvo .	<u> </u>	Formation	Graybu	rg-Pred	ie San	3:10 E	DDY	
	tialX		~	91						-1-57
om	pany Yet	es Broti	ers		Lease_S	impson	Federal	— Wel	l No.	1
	t P									<u> </u>
	ing 51								ro 23	84
'ub	ing 2	Nt. 437	I.D	Se	t at23	70 Pe	erf. ope	n ,	Го	
as	Pay: From	2374 T	° 2384	L 2:	374x	.G_•660	<u>_</u> GL	1567		
) n + .	ducing Thrus	1-	°		Non	Sin	gle-Brade	enhead-G. (G. or G.	.O. Dual
ತರೀ	e or combret	710H:		Раске	r		Reservo	oir Temp		
					OBSERV	ED DATA				
e s t	ted Through	(Prover) (Choke	(Meter)				Type Tap:	s	
	-	Flo	w Data			Tubing	Data	Casing Da		
	(Prover)	(choke	Pres	ss. Diff.	Temp.		Temp.			Duration
No .	(I ANE) Size	(Orific Size		ig h _w	° _F .	psig	o _F .	psig	^o F∙	of Flow Hr.
SI								193		4 nonth
L.	- 2	.125	_ 1		44 46			1.77		3
2 . 3.	2	.375	_ 1		47		 	88		- 3
5.	ž	.500	0		47			57		- 5
<u>• !</u>		<u> </u>					<u> </u>			
	Coeffici	ent		Pressure		CULATION	S Gravity	Compres		ate of Flow
0.	33311131	<i></i>		. Tobbaro	Factor Ft		Factor	Factor		Q-MCFPD
	(24-Hour) -V		$h_{\mathbf{w}}p_{\mathbf{f}}$	psia			F_{g}	Fpv	(0	@ 15.025 psia
2.	.3418		190.2		1.0157		. 9555	1.021 04.4		64.4
?•-	1.4030 3.0691			147.2	1.0137		•9535			202.0
3.	5.5235		+	70.2	1.012		• 9535 • 9555	NA NA		300.0 374.0
				PR	ESSURE C	ALCULATI	ONS			
ae T	.iquid Hydro	carbon P	atio					e: - C		0
avi	ty of Liqui	d Hydroca	rbons		deg.		Speci	fic Gravit fic Gravit	y Separ v Flowi	ator Gas ng Fluid
	1.712	·	_(1-e ^{-s}	0.102			Pc	206.2	P _C 42	ng Fluid
				···					+ · · · · · · · · · · · · · · · · · · ·	
10.	$P_{\mathbf{w}}$	P 2	$F_{\mathbf{c}}\mathbf{Q}$	$(F_cQ)^2$	म)	_c Q) ²	P _w 2	$P_c^2 - P_w^2$	Cal	P
	Pt (psia)) (I	-e ⁻⁵)	••	, C_, M	P,	, P _C
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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 (Pw). MCF/da. @ 15.025 psia and 60° F.

 Pc= 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.
- 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_{t} .