Poo	ı Jal ı	ıat		MULT	I-POINT	BACK PRE	ESSURE 1	ION COMMIS	ising of the control		Form C-12 Revised 12-1-5	
											11-23-56	
Com	pany Amera	da Pet	roleu	n Corpo	ration	Lease	A.G. F	alby	Date of	lest	2	
											ipeline Co.	
	ing <u>5-1/2"</u>											
	ing 2-3/8"											
											ess. <u>13,2</u>	
	ducing Thru						S	ingle-Brad	enhead_C	Cond	C O Days	
Date	e of Comple	ecton:	Seeffe	26	Packe				oir Temp.	8601	<u> </u>	
							VED DAT.	A				
Test	ed Through				(Meter)	Σ			Type Tar	os	Pipe	
$\overline{}$	(Protes)		Flow I	ata Press	. Diff.	Temp.		ng Data s. Temp.	Casing I		P	
No.	(Line) Size	(Òri	fice) Size						Press.	Temp.	Duration of Flow	
SI	2126			psig	h _w	°F.	psig	g °F.	psig	°F∙	Hr.	
1.	44	1.	25	.,,		<u> </u>			665.1		72-3/4 Hr. SI Proze Off	
2.	48	1.3		465.0 474.5	9.6 15.2	106 5	 		626.2 531.0	ļ	22	
2. 3. 4. 5.	4*	1,2		464.0	26.1	680			488.9		24 24-1/4	
					<u>L.,</u>			_ <u></u>	<u> </u>	<u> </u>	L	
	Coefficient		 	Pr		FLOW CALCULATI Flow Temp.		ONS Gravity	Compress.		Rate of Flow	
io.			√ h _w	De l	psia		tor	Factor	Factor		Q-MCFPD @ 15.025 psia	
	10.24		IV W	1			t l	F _g	Fpv		e 17.025 ps1a	
l.	10.24			f	1			0.9535	l l			
2.	10.24		67.7		78.2	0.95		0.9535	1.03/		656	
2 . 3.	10,24 10,24		86.1	0 4	87.7	0.979	95	0.9535 0.9535	1.042	2	8 58	
2 .	10.24			0 4			95	0.9535		2		
2 .	10,24 10,24		86.1	0 4	87 . 7 77 . 2	0.979	95 24	0.9535 0.9535 0.9535	1.042	2	858	
2. 3. 4. 5. Li	10.24 10.24 10.24	ocarbor	86.1 116.6	Dr.	87.7 77.2	0.979	95 24 ALCULAT	0.9535 0.9535 0.9535	1.046		858 1131	
as Li	10.24 10.24 10.24 iquid Hydro	ocarbor id Hydr	116.6	Dr.	87.7 77.2	0.975 0.992 ESSURE CA	24 ALCUIAT	Q.9535 Q.9535 Q.9535 TIONS Speci	1.046 1.046 fic Gravit	ty Sepa	858 1131 rator Gas - ing Fluid -	
2. 3. 4. 5. 5. Li	10.24 10.24 10.24	id Hydr	Ratio	Dr.	97.7 77.2 PRI	0.975 0.992 ESSURE C.	24 ALCUIAT	Q.9535 Q.9535 Q.9535 TIONS Speci	1.046 1.046 fic Gravit	ty Sepa	858 1131 rator Gas -	
2. 3. 4. 5. as Li ravit	10.24 10.24 10.24 iquid Hydro by of Liqui 1.793	M ₂ -	86.1 116.6 n Ratio	Dr.	PRI 70.141	O.975 O.992 ESSURE C. cf/bbl. deg.	24 ALCUIAT	0.9535 0.9535 0.9535 TIONS Speci Speci	fic Gravit	Ly Sepa	858 1131 rator Gas ing Fluid	
2. 3. 4. 5. As Licavit	10.24 10.24 10.24 iquid Hydro y of Liqui 1.793	id Hydr	Ratio	Dr.	97.7 77.2 PRI	O.975 O.992 ESSURE C. cf/bbl. deg.	24 ALCUIAT	Q.9535 Q.9535 Q.9535 TIONS Speci	1.046 1.046 fic Gravit	ty Sepa ty Flow Pc 46	858 1131 rator Gas - ing Fluid -	
2. 3. 4. 5. In as Li cavit	10.24 10.24 10.24 iquid Hydro by of Liqui 1.793 - 1.98%	M ₂ -	Ratio	Dr.	PRI 77.2 PRI 7.141	0.975 0.992 ESSURE C. cf/bbl. deg.	24 PALCUIAT	0.9535 0.9535 0.9535 Pions Speci Speci Pc_ Pw ² 460.1	fic Gravit fic Gravit 578.3	ty Sepa	rator Gas - ing Fluid - ing Fl	
as Liravit	10.24 10.24 10.24 10.24 iquid Hydro by of Liqui 1.793 - 1.98% Pw Pt (psia) 639.4 544.2	M ₂ - P _t	116.6 Ratio	Dr.	PRI (F _c Q) ² 1.383 2.365	0.973 0.992 ESSURE C. cf/bbl. deg. (F. (1-	24. ALCUIAT cQ) ² -e-s) 950	O.9535 O.9535 O.9535 TIONS Speci Speci Pc	fic Gravit	ty Sepa ty Flow Pc 46	rator Gas - ing Fluid - io.1	
2. 3. 4. 5. Sas Li cavit	10.24 10.24 10.24 iquid Hydro y of Liqui 1.793 - 1.98% P _w Pt (psia) 639.4	M ₂ - P _t	116.6 Ratio	Dr. Dr. Dr. Q	PRI 77.2 PRI 70.141 (F _c Q) ²	0.973 0.992 ESSURE C. cf/bbl. deg. (F. (1-	24 ALCUIAT cQ) ² -e-s)	0.9535 0.9535 0.9535 TIONS Speci Speci Pc	fic Gravit fic Gravit 578.3	Ca. P.	rator Gas - ing Fluid - io.1	
2. 3. 4. 5. as Liravit	10.24 10.24 10.24 10.24 iquid Hydro by of Liqui 1.793 - 1.98% Pt (psia) 639.4 544.2 502.1	M ₂ - P _t 408.8 296.2 252.1	86.1 116.6 116.6 1.18%	Dr.	PRI 77.2 PRI 7.141 (F _c Q) ² 1.383 2.365 4.113	0.973 0.992 ESSURE C. cf/bbl. deg. (F. (1- 0.1 0.3 0.5	cQ) ² -e ^{-s}) 950 9355	O.9535 O.9535 O.9535 TONS Speci Speci Pc	1.046 1.046 fic Gravit 678.3 P _c -P _w 51.1 163.6	Ca. P. 639.5	rator Gas - ing Fluid - io.1 1. Pw Pc	
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CO ₂ Jo. bsolution DDRE:	10.24 10.24 10.24 10.24 10.24 iquid Hydro y of Liquid 1.793 - 1.98% Pw Pt (psia) 639.4 544.2 502.1 ute Potent NY SS I and TITLE	Pt 408.8 296.2 252.1 ial: Amerada Trawer W.G.	86.1 116.6 116.6 1.18% F. 1. 1. 2.0 1. 2.0	Dr.	PRI (F _c Q) ² 1.383 2.365 4.113	0.973 0.992 ESSURE C. cf/bbl. deg. (F. (1- 0.1 0.3 0.5	c ^Q) ² -e ^{-s}) 95 95 24 24 24 25 26 27 27 27 27 27 27 27 27 27 27 27 27 27	O.9535 O.9535 O.9535 TONS Speci Speci Pc	1.046 1.046 fic Gravit 678.3 P _c -P _w 51.1 163.6	Ca. P. 639.5	rator Gas - ing Fluid - io.1 Pw Pc	

Restet: Only three data points obtained due to first note freezing off. Average slope drawn through the three data points to submitted to the commission.

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.
- PcI 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
- Pr Meter pressure, psia.
- hw Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{pv} Supercompressability factor.
- n _ 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 $P_{\mathbf{t}}$.