			.÷						OFFICE OC	0	For	m C-122
				мп.тт.	-POINT F	ACK PRES	SUPE 1	STUTAR G	AS WELLS :	7-	Revised	12-1-55
Pag	l Jalmat									-		
	tial											
	pany Amerada											· <u> </u>
	t s											any
Casi	ing 5-1/2	vt. 15.5	<u> </u>	D.4.95	5 0* Se	t at 334	1' _P	erf3	1821	_To	32781	
Tub	ing 2-3/8 * w	it. 4.7	# I.	D, 1.99	SeSe	t at 359	2' P	erf. 3	5881	_To	35921	
Gas	Pay: From_	3182'	_To_ 32	781	_L_ 31	82! _x	G 0.660	_ GL	21.00	_Bar.Pr	ess. 13.2	·
Proc	lucing Thru:	cas	sing	X	Τυ	bing		Ty pe	Well G.	0. Dual		
Date	e of Complet	ion:		-	^o acke	r 32951	Si	ngle-Bra Reser	denhead-G. voir Temp.	G. or	G.O. Dual	
	= 1.98% N					OBSERV						
-		-					ED DAIA			4		
Test	ed Through				(Meter)				Туре Та	.psl		
~	(******		low Da		Diff.	Temp.		g Data • Temp	Casing	Data Temp.		ation
No.	(Line)	(Orif	'ice)			-					of	flow flow
SI	Size		ze	psig	hw	°F.	psig		psig		73.	ir. 00
1.	4	1.2	-	510.8		110			630.0		23.	00
2.	4	1.2	-	512.7 512.7	11.9	<u>85</u> 73			606.1 529.5	-+	24.	
$\frac{2}{4}$		1.2		493.9	20.0	76	<u> </u>		513.2		23.	
<u>4.</u> 5.		1						1				
						FLOW CAL						
No.	Coeffici	.ent		Pr	essure		Temp.	Gravit Facto			Rate of Q-MCFPD	
110.	(24-Hou	ur)	√ h _w p)f	psia		t	Fg	F _{pv}		@ 15.025	
1.	10.24		57.5		24.0	0.9551		0.9535	1.0	32	553	• 1 •
$\frac{1}{2}$	10.24		79.1		25.9	0.9768		0.9535	1.0		786	<u> </u>
$\frac{3}{1}$	10.24		85.2 100.7		25.9 07.1	0.9877		0.9535	1.0		859 1,011	
4.	10,24		1.000			•• 70,9		V • <i>1)3)</i>	404	14		
					PR	ESSURE C	ALCULAT	IONS				
700 T	Liquid Hydro	oo nhon	Datio			cf/bbl.		Sne	cific Grav	vitv Sen	arator Ga	19
Gravi	ity of Liqui		ocarbo	ns		deg.		Spe	cific Grav	ity Flo	wing Flui	
^F c	1.793		(1	e ^{-s})	0.135		-	Pc-	675.2	P ²	455.9	
	Pw	-2			(7.0)2		2		P _c ² -P _w ²			
No.	P _t (psia)	Pt ²	Fo		(F _c Q) ²		$\left \frac{c^{Q}}{c^{e^{-s}}} \right $	P _w 2	^P c ^{-P} w		al. F PF	<u>ж</u>
1.	643.2	413.7	0.9	71	0.962	0.1	325	413.8	42.1	64	M	0.95
2.	619.3	383.5	1.4	09	1,95	0.2	679	383.8	72.1			0.92
3.	542.7 526.4	294.5	1.5		2.371	0.3		294.8 277.5	<u>161.1</u> 178.4			<u>6.80</u> 0.78
5.	<u></u>	-1104			10000				-1-1-			<u></u>
	olute Porent	ial:	1820			MCFPD:	n 0.5) (Limite	d)			
COMF	PANY	Ann Te	da Pet	roleu	Corpor	ation						
	ESS		R C	NOR UN	nt, lev		istriat.	Engineer				
	VESSED	R.L.	Mi C		carhal				-			
		Permi	an Bas	In Pip	eline C	mpany						

REMARKS

A slope of 0.50 was drawn through the low rate of flow data point because the data, points do not fall on straight line.

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 surve 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.
- $P_{\rm C}{=}~72$ hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P_w: 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.
- $h_{W}\text{-}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.

F _o	vI Supercompressability factor.	•	٠	x	•
r	· · · ·	-	~	*	
n	Slope of back pressure curve.	£	•	•	-

Note: If P_w cannot be taken cecause 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_+ .