				MULTI	-POINT B	ACK PRES	SSURE TE	ST FOR GAS	S WELLS		Revised 12-1-55
Pod	Choza Me	ea Ext	t.	F	ormation	Pic	tured Cl	iffs	County	Rio	Arriba
											cember 17, 1956
	pany Pacific										
											Pipeline Corp.
	sing 5 1/2%										
									_		
							~-+				
											ss
Pro	ducing Thru:	Ca	sing_		Tu	bing	Si	Type We ngle-Brade	ell enhead-G.	G. or G	.O. Dual
Dat	e of Complet	ion:_			Packe	r		Reservo	oir Temp	· . · · . · · · ·	
						OBSERV	ED DATA				
Tes	ted Through	(Per	<u> </u>	Choke)	(Matter)	Shut	In 7 da	ys	Type Tap	s	
			Flow D				Tubin	g Data	Casing D	ata	
No.	(Prover) (Line)	(Ori:	fice)		1 1			· Temp.		{ I	Duration of Flow
Ton	Size	S	ize	psig	h _w	° _F .	psig		psig	°F∙	Hr.
SI 1. 2. 3.							1107	 	1109		
2. 3.							295		628		
<u>4.</u> 5.								†			
		l		ļ <u></u>				-L	l	<u> </u>	
	Coeffici	ent	<u> </u>	P	ressure		Temp.	Gravity	Compre		Rate of Flow
No.	(24-Hour) $$		7/ hw	— √p _f psia		Factor F _t		Factor F _g	Factor F _{pv}		Q-MCFPD @ 15.025 psia
1.	1: 1/0"		,								
3.	14,1605				307	1,000		•9608	1,031	L	5709
1. 2. 3. 4. 5.											
					PRI	ESSURE C	A CCULATI	IONS	- 4		
lae '	Liquid Hydro	ca c hor	a Reti			cf/bbl.			fic Consti	ter Camar	matam Caa
Grav	ity of Liquid	d Hydı	rocarbo	ons		deg.		Speci	fic Gravit fic Gravit		ing Fluid
^г с			(L-e ^{-s} ∑			•	Pc		_Pc	
Т	P _w		,	T						 	
No.	Pt (psia)	Pt	F	,Q	$(F_cQ)^2$	(F	$\begin{pmatrix} cQ \end{pmatrix}^2 \\ -e^{-S} \end{pmatrix}$	P_w^2	$P_c^2 - P_w^2$	Ca]	$\frac{P_{\mathbf{W}}}{P_{\mathbf{C}}}$
1. 2.	<u> </u>						<u> </u>			P	N - C
3.	640							410	847	<u> </u>	1.482
4. 5.										<u> </u>	
	olute Potent: PANY Pacif	-		984	dae Carr	MCFPD;		5/1.3985			
ADDI		west	broadw	ly, Par	ine Correlington,	, New Me:	xi co				· · · · · · · · · · · · · · · · · · ·

REMARKS

3-N.M.O.C.C. 1-L. G. Truby 1-W. R. Johnston 1-File

WITNESSED COMPANY



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 T 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.
- F_g : Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{DV} 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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