Revised 12-1-55

MULTI-POINT BACK	PRESSURE	TEST	FOR	GAS	WELLS
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Ро	o ₁ ———	Blanco			Formation	nMe	sa Verde	-	County_	Rio A	rriba
Initial Annual Annual				Spec	Special			Test_	8-26-59		
	mpany PACIF										
Ca	it <u>x</u> 5 1/2 sing 7 5/8	₩ Wt.	2h# I		6.8 Se	562 t. at 330	5'	erf 3	2821	πо .	22001
Tuì	sing 7 5/8 1 1/4	# 2	.44	D	S.	71	9'		ecce.	-10	3308.
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ua.	siay, Fre	·III	10		L148.	12 X	G65	ioGL	3147	Bar.Pr	ess. 12
	oducing Thr						511	ngle-Brade	enhead	G. Or	G.O. Dual
Dat	e of Compl	etion:_	8-6-5	9	Packe	r4812	<u> </u>	Reserve	oir Temp.		G.O. Dual
						OBSERV	ED DATA				
Tes	ted Throug	h <u>(Pro</u>	ver) (Choke)	(Meter)				Туре Тар	s_	
			Flow Da	ata			Tubing	g Data	Casing D		
No.	(Prover (Line)) (Ch	oke) fice)	Press	Diff.	Temp.	Press		Press.		
	Size			psig	h _w	° _F .	psig	°F.	psig	[⊃] F∙	of Flow Hr.
SI 1.		3/	4"	106#		61	106	61.			
1. 2. 3.							1/97	101			3 hrs
4. 5.											
<u> </u>											
	Coeffic	rient.	 	P	ressure	FLOW CAL	CULATION Temp.	S Gravity	1 C		Dod - C D
No.			/			Fact	tor	Factor	Facto	r	Rate of Flow Q-MCFPD
1.	(24-Hour) $\sqrt{h_W p_f}$			psia F _t			Fg	F _{pv}		@ 15.025 psia	
2 . 3.				.9990			.9608			1415	
4. 5.											
2.1	······		1								
					PRI	ESSURE CA	ALCUI AT I	ONS			
as] rav:	Liquid Hydr ity of Liqu	ocarbon id Hydn	n Ratio	ns		cf/bbl. deg.					arator Gas ving Fluid
	24.62 = 1	<u> </u>	(1	-e ^{-s})	0.033			Pc-	841	Pc_70	
											
No.	$P_{\mathbf{w}}$	P	F _c	a	$(F_cQ)^2$	(F	Q) ²	P _w 2	$P_c^2 - P_w^2$	Ca	il. P.,
	P _t (psia)			837	1213,617	(1-	e^{-3}	"		F	y Pc
2.		 	13.	_	176,996				617,024		1.15
1. 2. 3. 4.	118	13,92				76.3	33			308	
	olute Poten	+121.				MORRE					
COMP	ANY PACT	FIC NO	THURST	PIPEI	LINE CORP	_MUFFU;	n75/	1.1105			
AGEN	IT and TITE	E C	•	DAT -	Well Tes	ting Pag	ineer				
	ESSED PANY		is B. G	oodwir							
			2490 3			REMA	RKS		COEN		
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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 (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
- 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.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv 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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