## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122 Revised 12-1-55

## MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Jalux	<u> </u>	F	ormation	Y	tee-7 P	ivers	County_			
Initi	.al	Anr	nual		Spec	ial	X	Date of	Test_	2-1/2-8-1957	
Company R. Clean,		leen, Pers	Personal		Lease		Legal		ll No		
Unit	<u> </u>	ec <b>31</b> _7	wp. 25	Rg	e. <u>37</u>	Purc	haser	PR			
Casin	g <u><b>7"</b></u> W	t. <b>20.0</b>	I.D.	Se	t at <b>27</b> 7	<b>78</b> Pe	erf		To		
Tubin	g 2 W	t. 4.7	I.D.	Se	t at <b>292</b>	2 Pe	erf		To		
Gas P	ay: From	2 <b>778</b> To	2922	L_ <b>292</b>	2 x	G_0.680	GL	1987	_Bar.Pr	ess. <u>13<b>.2</b></u>	
Produ	cing Thru:	Casing_	····	Tu	bing	X	Type We	ell	Single		
Date	of Complet	ion: <b>9-30</b>	<u>-51</u>	Packe	r_ None					G.O. Dual	
					OBSERVI	ED DATA					
Teste	d Through	(Becount)	Christ	(Meter)				Type Tap	os_ <b>n</b>	wee	
Flow Data				Tubi			Data	Casing I	Data		
No	(Line)	(Onifice)	Press.	1	Temp.	Press.	Temp.	Press.	Temp.	Duration	
	Size	(OFILICE) Size	psig	h <sub>w</sub>	$\circ_{\mathtt{F}}.$	psig	o <sub>F</sub> .	psig	o <sub>F</sub> .	of Flow Hr.	
SI								352		72	
1. 2.	<u> </u>	1.250	149 169	10.2	63 57	255 252		312 273	<del> </del>	214	
3.	l l	1.250	147	32.5	6	236		258		2).	
<del>4.</del> 5.		1.250	164	34.8	_63	_217		250	<del> </del>	24	
No.	Coefficient Flange (24-Hour) 7-643		w <sup>p</sup> f	essure Flow Fact psia F <sub>t</sub>		l'emp.	Factor F <sub>g</sub>	Facto Fpv	or I	Q-MCYPD @ 15.025 psia	
2.	9.643	52		1.0029		•9393 •9393		1.016		<u>327</u>	
3. 4.	9.643		10		.9990		.9393			- 663	
5.	9.613		77.16		.9971					709	
ravity c	quid Hydrody of Liquid	d Hydrocar			cf/bbldeg.	ALCU ATI	Speci Speci		ty Flo	arator Gas <u>0.68</u> wing Fluid 133.4	
No.	t (psia)	Pt <sup>2</sup>	F <sub>c</sub> Q	$(F_cQ)^2$	(F <sub>0</sub>	Q) <sup>2</sup> -e <sup>-s</sup> )	$P_w^2$	$P_c^2 - P_w^2$	C	P <sub>w</sub> P <sub>c</sub>	
1. 2 2. 2	54.2 5.2	71.0					105.8 81.9	27.6 51.5		72	
3. 2	9.2	62.1	-	MASIDE	-	1	73.5	59.9		.67	
4. <b>2</b> : 5.	30.2	52.9					69.3	64.1		6i	
Absolu COMPAN ADDRES	SS and TITLE SSED		R. 01	Payne,	rd Olses		3				
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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 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.
- $P_c$  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
- $P_f$  Meter pressure, psia.
- $h_{\mbox{w}}$  Differential meter pressure, inches water.
- $F_g$  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  $P_{t}$ .