

## NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT BACK PR	RESSURE	TEST	FOR	GAS	WELLS
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	Revi	Form C-122 sed 12-1-55					
San Juan							
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No1							
22	20						
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•	Q-1	e of Flow MCFPD 5.025 psia					
		2169					
Sepa Flow	ing	or Gas Fluid <b>25</b>					
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	Aztec	011	& Gas	Compa	ny	Lease_K	ch-State		We	ll No.	1	
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sing <b>7</b> 5/	/8# W	t. <u>26</u>	.40# I	.D.	Se	et at 23	<b>30 '</b> Pe 1	rf. 2147	<del></del>	_To	2220	
bing 1#	W	t. 1.	<b>7#</b> _I	.D.,	Se	et at 218	88 Per	cf. 2168		_To	2179	
s Pay:	From_	2147	_To_2	220	L	x	.G			_Bar.P	ress.	
oducing	Thru:	Cas	sing	X	Tu	ıbing	Sing	Type We	11 G. G	• Dual	L	
te of Co	mplet	ion:	1-13-	57	Packe	r	Sing	gle-Brade Reservo	enhead-G. oir Temp.	G. or	G.O.	Dual
							ED DATA					
sted Thr	ough	(Perse	<b></b> ) ((	Choke	) <del>(Makan)</del>		shu <b>t-in</b>		Type Taj	ns		
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(Pro	veŗ)	(Cho	oke)	Pres	s. Diff.	Temp.	Press.		Press.			Duratio
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	4-Hou:		√ h <sub>w</sub> i	P <sub>f</sub>	psia <b>179</b>	F		${ t F_g}$	Fpv			
			√ h <sub>w</sub> i	pf	psia <b>179</b>	F	t	${ t F_g}$	Fpv			
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<u> </u>			√ h <sub>w</sub> i	Pf	psia 179	F	t	${ t F_g}$	Fpv			5.025 psi
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12.3	3650				<b>179</b>	F 1.00	t O	F <sub>g</sub> •961 ••••••••••••••••••••••••••••••••••	F <sub>pv</sub>	0		2169
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Liquid vity of	Hydro Liquid	carbor d Hydi	n Ratio	0	<b>179</b>	T.00  RESSURE C	t O	Fg  961  ONS  Speci	Fpv 1.02	o ity Se	parate	or Gas
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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
- $P_t$  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.
- $F_t$  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  $P_{t}$ .

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