				NEW	MEXICO (	CONO CONOLLIC	S OFFICE		1'0008	OFFIRE	· 👝 - I	Form C-12	
						Law mana		/ U J 40 1. 1900. CAC	WEILE 1		<i>OCC</i> Revise	d 12-1-5	
				MULTI-	-POINT BA	CK PHES	SURE THS	I HORE GAS	METTED T	2 /// 8	3 : 36		
	Eumon	<u> </u>		F'C	ormation_				_councy		<del></del>		
nit:	ial		Annua	1		Spec	ial	X	_Date of	Test_1	1-2 to	11-16-5	
ompa	any <b>Conti</b>	nental	011	Compan	<b>y</b> ]	Lease	Meyer A-	18	Wel	1 No	4		
nit	<b></b> Se	ec <b>18</b>	Twp	21.9	Rge	. <u>36b</u>	Purcl	naser	E. P. N.	G.			
si	ng <b>5 1/2</b> Wi	t. <u>17</u>	<u></u> I.	D. 4.	<b>892</b> _Set	t at	<b>01</b> Per	rf. 30	57	To 31	92		
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ite	of Complet:	ion:3	1-20-5	6	Раске:	r <u>lone</u>	<u></u>	Reservo	Tr. Temb.				
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est	ed Through	(DEFE	<b>(X</b>	KKKK)	(Meter)				Type Tap	s Pla	Dg•		
Flow Data							g Data   Casing Data						
T	(PFAFAF)	(The	<b>(3)</b>		Diff.	Temp.			Press.			Duration of Flow	
9	(Line) Size	(Orif: Si	ice)   ze	psig	h <sub>w</sub>	°F•	psig	°F.	psig	o <sub>F</sub> .		Hr.	
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				590 7.2 601 16.00		100 73	<del> </del>		895 858	+		24	
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				·			L	J		<u> </u>	L		
	0 - 68: -:		<del></del>	n.	ressure		CULATION	S Gravity	Compre	ess.	Rate	of Flow	
٥.	Coefficient (24-Hour)		$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$		ressme	Flow Temp. Factor		Factor	Factor		Q-MCFPD		
					psia	1	t	Fg	Fpv		@ 15.025 psia		
•	6.135	66.			603.2	.96		.9498	1.04	3	390 606		
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•	6.135 6.135		160.1	2	634.2	•99		.9 <u>498</u>	1.069			96	
	9.133												
					PR	ESSURE (	CALCULATI	ONS					
s I	iquid Hydro	carbon	Ratio	)		cf/bbl	•	Spec	ific Grav	ity Sepa	arator	Gas	
avi	ty of Liqui	d Hydr	ocarbo	ons		deg	•	Speci	ific Grav	ity Flor	wing F	'luid	
	.9583		(:	L-e <sup>-s</sup> )	.131		<del>-</del>	Pc	943.2	Fc	007.4	<u></u>	
						<del></del>			<del></del>			<del></del>	
10.	EX.	Pt2	F	Q	$(F_cQ)^2$	2 (	F <sub>c</sub> Q) <sup>2</sup> 1-e <sup>-s</sup> )	P <sub>w</sub> 2	$P_c^2 - P_w^2$	C	al.	$\frac{P_{\mathbf{W}}}{P_{\mathbf{C}}}$	
Ĭ	Pt (psia)	- t		3 *	(-04)					908	P <sub>w</sub>		
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NMOCC-3 EWW HLJ RIA FTE EVB WDH Attach.

## 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 ( $P_{\rm W}$ ). MCF/da. @ 15.025 psia and 600 F.
- $P_c$ = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- $P_{\rm w}$  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.
- $h_{\mathbf{w}}$  Differential meter pressure, inches water.
- $F_g = Gravity$  correction factor.
- $F_t$  Flowing temperature correction factor.
- $F_{\text{DV}}$  Supercompressability factor.
- n I Slope of back pressure curve.

Note: If  $P_{\rm W}$  cannot be taken because of manner of completion or condition of well, then  $P_{\rm W}$  must be calculated by adding the pressure drop due to friction within the flow string to  $P_{\rm t}$ .