ol Tubb itial mpany Sheli it J Sec	Annu	12.1		Spec	<b>Tabb</b>		County	Lea T-4 to	12 1063	
mpany Sheli	Annu	12.1		Spec	ial :		note of Te	at 7-4 to	12 1063	
mpany Shell	Oil Come	(S.L				^	Date of 16	200	12, 1903	
it. <b>J</b> Sec	Oll Come		-		Turner		Well	No. 3 _		
it <b>J</b> Sec		any	h	ease	Trip sees	70 : 57	- Natur	ol Cas Com	ARRY .	
	. 22 Tv	vp. 21.	<b>-S</b> Rge	. <u>37-E</u>	Purch	aser_E	and March	GT CHIE COM		
sing 5 1/2 Wt.	15.5	I.D. 4.	<b>976</b> _Set	at69	20 Per:	f. 5970	T	0	<u></u>	
abing 2" Wt.	/. 7	r n. 1.	- <b>995</b> Set	at 60	506 Per	f	T	0		
as Pay: From 5!			, co.	70 v	G Miss .73	35 -GL 4	<b>438</b> 8 B	ar.Press	13.2	
s Pay: From 59	970_To_	6240	L	<u>// ^</u>			1	G O. Dual		
roducing Thru:	Casing_	<u> </u>	Tub	oing	Sing	_lype mer le-Braden	head-G. G	or G.O.	Dual	
roducing innu:	n: <u>12-1(</u>	) <b>-</b> 52	Packer	6450		_Reservoi	r Temp			
					ED DATA					
	· - · · · · · ·	(	(Noton)				Type Taps	71ge	L	
ested Through		(Herel)		Tubing Data		Casing Data				
(Prover)	Flow (Choke)	Data	. Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration of Flow	
o. (Prover) (Line)	(Orifice)	) i	( 7		psig		psig	<sup>o</sup> F∙	Hr.	
Size	Size	psig	h <sub>w</sub>	r •	1 1018		1439		72	
I 4	1,250	216	6.76	82			1072		<u>24</u> 24	
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6. 4	1.250	240				L		<u> </u>		
				FLOW CA	LCULATION	S	Compre	ss. Rate	e of Flow	
Coefficie	Coefficient		Pressure		Temp.	Gravity Factor	Facto	r   Q-1	Q-MCFPD @ 15.025 psia	
Vo.		<u> </u>	psia	•	Factor Ft.		Fpv	@ 1		
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as Liquid Hydro	carbon Ra	atio	89,613_	_ cf/bb	1.	Spec	ific Grav	ity Separat	or Gas	
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as Liquid Hydroc ravity of Liquic c1.758		(1-e <sup>-s</sup>	.26	<u>.                                    </u>		· с		(		
			<del></del>	<del></del>						
EX.	P <sub>t</sub> 2	r O	(F <sub>c</sub> Q)	2	$(\mathbf{F_cQ})^2$	$P_{\mathbf{w}}^{2}$	$P_c^2 - P_w^2$	Cal.	P <sub>W</sub> P <sub>C</sub>	
No. Pt (psia)	<sup>r</sup> t	$F_c^Q$		1				P <sub>w</sub> 2 1085.2	74.7	
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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 ( $P_{\rm W}$ ). MCF/da. @ 15.025 psia and 600 F.
- $P_c$ = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- 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.
- $h_{W}$  Differential meter pressure, inches water.
- $F_g = Gravity$  correction factor.
- Ft Flowing temperature correction factor.
- $F_{pv}$  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  $P_{\mathbf{t}}$ .