Forms office occ

Form C-122

Pool <b>Eumo</b>	ıt	MU	LTI-POINT	BACK PRES	SSURE TES 195	FOR GA	s wells	00	Revised 12-1
Initial									_
Company And									
Init X									
asing 7"									
ubing 32"									
as Pay: Fro	m3274	To 335	2 L 3	274 x	G <b>0.670</b>		21.94.1	Bar.Pre	ss. 13.2
roducing Thr	u: Cas	ing X	T	ubing		Type We	ell Gas-O	il Dual	<u> </u>
ate of Compl	etion:	3-14-55	Pack	er <b>36</b> '	Sin,	gle-Brade Reserve	enhead-G. oir Temp.	G. or G	.O. Dual
					ED DATA	<del></del>	•		
ested Through	h <u>(</u>	en (Obol	Meter				Type Tar	s Pir	X0
T 7=	F)	low Data			Tubing	Data	Casing D	)ata	
(Line) Size	(Orifi	lce) Pre lce) pre	ess. Diff	Temp.	Press.	_	Press.	Temp.	Duration of Flo
					19318		969.5	F •	72-3/4
An An	2.75 2.75		1.3 5.2 3.9 7.3	82			834.6		24
4*	2.75	16	9.2 16.3	77			726.6	1	23-1/2 24-1/2
	2.75	48	26.8	75			694.4		23-1/2
				FLOW CAL	CIII.A TIONS	3 January Marie	<del>,</del>	· <del>·</del>	
Coefficient			Pressure	Flow	Temp.	Gravity	Compre	- 1	Rate of Flow
(24-Hour)		$\sqrt{h_{\mathbf{W}}p_{\mathbf{f}}}$	psia	Fac F		Factor F <sub>g</sub>	Facto F <sub>pv</sub>	,	Q-MCFPD <b>Q-J</b> 5.025 psi
73.11		49.67 59.01	474.5	0.9795		0.9463	1.04		3534
73.11	73.11		477.1 482.4	0.9840 0.9868		9463	1.05		4219
73.11			497.8	0.9859		). 9463 ). 9463	1.05	1	6349 8319
Liquid Hydr vity of Liqu <b>1.612</b>	ocarbon id Hydro	Ratio_ <b>D</b> carbons_ (1-e	Gas	essure ca cf/bbl. deg.	ALCUFATIC	Speci Speci	fic Gravi fic Gravi	ty Separ ty Flowi Pc au	rator Gas ing Fluid
	P <sub>t</sub> <sup>2</sup>	F <sub>c</sub> Q	(F <sub>c</sub> Q) <sup>2</sup>	(F <sub>0</sub>	Q) <sup>2</sup> -e <sup>-s</sup> )	P <sub>w</sub> 2	$P_c^2 - P_w^2$	Cal P <sub>w</sub>	
Pt (psia)					544 7	25.568	49, 299		<del></del>
Pt (psia)	725.563	5.697	32.455				-,,-	851,8	- 94.36
Pt (psia) 851.8 829.2	725.563 687.573 601.866	6,801	105.411	6.1	76 6	87.579	127,200	829,2	-71.06
P <sub>t</sub> (psia) <b>851.8 829.2</b>	725.543 647.573	6, 801	46.254		76 6 758 6		-,,-		91.86
Pt (psia) 851.8 829.2	725.563 687.573 601.866 506.375	6.801 10.267 13.410	105.411	14.	76 6 758 6 198 5	87.579 01.661	127,286	775.8	91.06

REMARKS

WITNESSED\_ COMPANY\_

Permian Resin Pipe Line Company



## 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.
- Pc= 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
- Pf Meter pressure, psia.
- har Differential meter pressure, inches water.
- FgI Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n \_ 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  $P_{\rm t}$ .