MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

For	. 11	C-1	22
Revised	12	-1-	55

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	ial										4
	any PAS AND										
Unit	Se	ec. 🁀 Tv	m. 300	Rge	. 129	Purc	haser				
	ng 4-1/2 Wt										
	ng 2-3/8 Wt										
	Pay: From_										
Date	ucing Thru: of Completi	ion: 5	25-64	Packer		Sin	gle-Brade	enhead-G.	G. or	G.O. Du	al
Date	OI Complete	ton:		acker	OBSERVE			/11 1 0.			
		((a) .	(OBSERVE	D DAIR		m m		Tions	
Test	ed Through			(30000)				Type Ta			
	(200000)	Flow I (Choke)	Press.	Diff.	Temp.	Tubing Press.	Data Temp.	Casing Press.	Temp.	_ D	uration
No.	(Line)	Size	1	1			o _F .				OL LTOM
SI	8 days			**W		2095		2005			
1. 2. 3. 4. 5.	2 inch	.750	429			429	60° oct	934	600	4 3	br.
2. 3.									‡		
4.										-	
No.	(24-Hou	Coefficient (24-Hour) $\sqrt{h_{w}p_{f}}$		ressure Flow Fa psia		remp. Gravity actor Factor Ft Fg		Factor F _{pv}		Q_MCFPD @ 15.025 psia	
1.	12,359		- 4	61	1.60		.9258	1.05	<u> </u>	532	6
1. 2. 3. 4.											
4.										<u> </u>	
las I Fravi	iquid Hydro ty of Liqui	d Hydrocar			cf/bbl. deg.		Spec: Spec:	ific Grav ific Grav 2107	ity Flo	owing Fl	uid
No.	P _w	Pt ²	F _c Q	$(F_cQ)^2$	(F.	cQ) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	}	Cal.	P _w P _c
1.	Pt (psia)						894,916	3,346,5	33	W	
2.								 			
3. 4.											
5.											
	olute Potent	181:	6305		MCFPD:	n	75				
	PANYRESS	AN AMBERIA			MITOO					para territoria.	
AGE	VT and TITLE	7. b. M	bers, Fi	strict !					10		
WIT	NESSED	Byi	-lv.	1.1.	6 Jr				101	LLIV-	-3
COM	PANY				REM	ARKS					3.1
									OIL	CON	77 MC

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.
- P_c = 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.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{DV} 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 $P_{\mathbf{t}}$.