	_			MULT	L-POINT	BACK PRE	ESSURE TH	EST FOR G	AS WELLS	^ ~	Revised 12-1-	
1001				h	ULTI-POINT BACK PRESSURE TEST FOR Formation Tates				CountyLea			
Init	nitial X Annual			Special				Date of Test 9-15/9-22-61				
Comp	any Pan A	merican	Petro	Louis Co	rperati	ease	farasso	rth B	We	ell No3		
Unit	<u> </u>	Sec.	7Tw	p. 20	R	ge 37	Pur	chaser I	l Paso Na	tural Gas	Company	
Casi	ng 4-1/2°	Wt. 11	.6 I	.D	S	et at 25	178 P	erf. 242	5	To 284		
Tubi	ng 2 **	Wt. 4	• 7 I	.D	S	et at 🎎	32 P	erf. Open	Bad	To		
Gas :	Pay: From	m 282 6	To_ 2	1848	L 2	832	xG .668	-GI.	. #09 189	Ban Proc	ss. 13.2	
Prod	ucing Thr	u: Ca	sing		Tı	ubing X		Type W	ell e a-	_Dar •11es	35	
Date	of Comple	etion:_	2-15	-61	Packe	er	Sin	ngle-Brad	enhead-G.	G. or G.	O. Dual	
		_	, 10 d	W.F.	nr.	OBSERV	TED DAMA	neserv	orr lemb.			
'est.e	ed Through	Tomo:					ED DATA			21		
					(Meter)	<u></u>			Type Ta	ps_7(
	(Prover)) (Gh	Flow Da	Press.	Diff.	Temp.		Data Temp.	Casing I		D	
0.	(Line) Size					° _F .	[o _F ,		Temp.	of Flow	
I				Poig	1'W	F •	psig 517	F.			Hr.	
•	<u> </u>	1.7	50	32 32	3 045		488		No Valve		72	
	4	1.7		32	3/2/2	1-60	352		He Valve		24.	
	<u> </u>	1.7	50	34	6.219:		341		He Palve		24 24	
					,	ET ON CAT	CIT A TITON	<u> </u>		<u> </u>		
٥,	Coefficient			Pre		FLOW CALC		Gravity	Compre	ss. Ra	ate of Flow	
	(24-Hour)		$\sqrt{h_{\mathbf{w}}p_{\mathbf{y}}}$	f	psia	Fact F _t		Factor F _g	Factor F _{pv}		Q-MCFPD @ 15.025 psia	
	19.27				5.2 1.0			.9477	PV		260.2	
+	19.27 19.27		18.05 27.10		2	1.0000		-9477 -9477			329.6	
	19.27		30.12		.2	1.0000 1.0000		•9477 •9477			194.9 550.0	
Liq vity	quid Hydro of Liqui 9.936	ocarbon ld Hydro	ocarbon	ns e=s)	,	ESSURE CA cf/bbl. deg.	LCU ATI	Speci	fic Gravitic Gravit	ty Separa ty Flowin	g Fluid	
•	W	Pt ²	F _c Q		(F _c Q) ²	(F _C	Q) ²	P _w 2	P _c -P _w ²	Cal.	p	
	t (psia)	251.2	2.50		5.64	(1-	€ 5)			P_w	P _W P _C	
	28.2	183.3	3.27	1	1.69	1.30		252.6	29.1	4129.7	8104	
	71.2 154.2	137.8	4.9		.21	2.99		40.7	140.4	2751	1 7075	
		125.4	Sale	25	2.41	3.64		29.0	152.1	13.7.2	6275	
_	te Potent		1,030			MCFPD;				<u> </u>	<u> </u>	

REMARKS

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
- 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 méter pressure, inches water.
- Fg = 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 $P_{\rm t}$.