MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS Revised 12-1-55

Pool	Bai	rin Dek	ote		_For	mat:ion	Dalo	eta			_County_	San J	uan	
Init	ial		An	nual_			Spe	cial			Date of	Test ⁵⁰	ptember 15, 19	
Comp	any Pen Ar	merican	Petr	oleum	Corp	•	Lease_6	ellego	Cany	n Uni	it we	11 No	93	
Unit		_Sec	36	Twp	29N	Rg	e. 124	P1	ırchase	r			·	
Casi	ng 👪	Wt. 9	•5	_I.D.		Se	t at 60	<u>tili</u>	Perf.	940-L	6, 5956-	and end	5775-77	
'ubi	ng 2-3/8	Wt 4	•7	I.D.	-	Se	t at 59	77	Perf.	in 11 20	on Bett	4		
as	Pay: Fro	m 5940	To	5977		L 59	77	xG 0.70)(est)	GL		_Bar.Pr	ess12	
'rod	ucing Thr	u: C	asing			Tu	bing	x	Ty	pe We	11 Sing	le Ges		
										D 3 -	nhead-G. ir Temp.	_	G.O. Dual	
		·						VED DAT			• .			
'est	ed Throug	h (1111	XXX.\	(Chal	\ 1	EXXXIL V		VLD DAI			m m		**	
		,11				Meter)	,,	T			Type Ta			
T	(Line)	·) (C1	Flow	Pre	ss.	Diff.	Temp.		ng Dat		Casing Press.		Duration	
0.	(Line) Size	461	lite. Size) ps	ig	h _w	°F.	p si	g	o _F ,	psig	o _F .	of Flow Hr.	
I	8 day		3/4"					2037	1-		2037	†		
:			<i>7</i> / 4	双				632	(00	(386	1187	60-651) hre.	
				+-										
					工									
· · · · · · · · · · · · · · · · · · ·]	FLOW CAI	CULATI	ONS					
٥.	Coefficient				Factor				Gravity Compress. Rate of Flow Factor Factor Q-MCFPD					
	(24 - H	our)	\sqrt{h}	w ^p f	p	sia	F	$\mathtt{F_t}$		F			6 15.025 psia	
	12.365				51		1,000		,9258		1.0	X4.	68.36	
														
+			 											
<u></u>			<u> </u>				2001827							
							ESSURE C		TIONS					
	quid Hyd y of Liq						cf/bbl.		i	Specia	fic Gravi	ity Sepa	rator Gas ving,Fluid	
		•		(1-e ⁼	s)			_]	Pc—	2019	P _C 1	iss had	
0.	$P_{\mathbf{w}}$		2 t	E O		$(\mathbf{F_cQ})^2$	/ 5	$(cQ)^2$	D	2	P _c -P _w ²	0-	, ,	
	Pt (psia) '	t	F _c Q		(r _c u)	(1	'c≒() .–e−s)	'	,2	Pc-Pw		P _w	
-					1				1,437,	601	2,760,800)		
										-		+		
					-							4		
	ute Pote	ntial:		8543			MCPPD.	n 0	75					
OMPA	NY	Pan Ada Box 48									·····			
DDRE GENT	and TIT	LE SON	tor P	trol.		ng in ve	_	MEA	110-)	MEH	En-		
ITNE	SSED								>		HITTO	PP /	7	
OMPA	NY		······································	·			REM	ARKS		{	MLD-	1961		
										1	SEPIC		ļ	
										1	1011-			
											/ N.			

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 60° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- 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.
- hw Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{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 $P_{\rm t}$.