Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Poc-1	- Agusth-	Mance		F	ormation		tarred Cl		_County_		<u> </u>
Init	ial		Annu	al		Spec	ial		Date of	Test	5/32/60
Con.p	any Asses	oll A	dne Or			Lease	Mil they		We	ll No	3
Unit		Sec	9 Tw	p	Rg	e. 9	Purc	haser			
Casi	ng 2 7/ 8	Wt	. 5 _I	.D. 🕵	Se	t at	Pe	rf.	9	To	M105
Tubi	ng	Wt	I	.D	Se	t at	Pe	rf		То	
Gas	Pay: From	2039	To	2017	L	x	:G 0.65	_GL 1			
	ucing Thru									_	
Date	of Comple	tion:_	5/85/	60	Packe	r_ X	Sin	gle-Brade Reserve	enhead-G. oir Temp.	G. or	G.O. Dual
							ED DATA				
Test	ed Through	náthan	((Choke)	(دو میزواداند				Type Tap	ns	
			Flow Da				Tubing	Data	Casing I		T
No.	(Prover) (Line)	(Ch			Diff.	Temp.		Temp.	Press.		Duration of Flow
	Size		ize	psig	h _w	°F.	psig	°F'.	psig	°F∙	Hr.
SI l.		0.	750	<u> </u>	 				126	ű.	7 days
2. 3.											
4.											
<u>5. </u>	per titud Principal principal transport										
	Coeffic	ient					CULATION		10		Dada a C. El
No.	Coefficient			Pressure		Flow Temp. Factor		Factor Fact		or Q-MCFPD	
	(24-Ho	•	√ h _w r		psia		t	Fg	F _p v		@ 15.025 psia
1. 2.											
3 _e 4. 5 _e											
5.1.											
					PRE	ESSURE CA	ALCU ATIO	ONS			
	iquid Hydro					cf/bbl.					rator Gas
	y of Liqu	•		ns -e ^s)		deg.		Speci P _c	fic Gravi	ty Flow	ving Fluid
								Ç		_	
No.	$P_{\mathbf{w}}$	P	Fc	0	$(F_cQ)^2$	(F	0)2	P _w 2	P _c -P _w ²	Ca	1. P.,
	Pt (psia)	1					Q) ² -e ^{-s})		'c-'w		Pw Pc
2. 2. 3. 4.	762		136	347	MA	E Tito	944	1 <u>C</u>			
3. <u> </u>											
5.1											
	ute Potent			11		_MCFPD;	n 0.8	<u> </u>			
ADDRE	SS		770				•				
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JUNI 7 1960 OIL CON. COM DIST. 3

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 \equiv 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
- Pr Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fnv 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 $P_{\mathbf{t}}$.

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