Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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Revis	9	d		12	-1	- 55	5

Pool	sin Baketa	l	For	mation_	Dei	rota		_County	San J	IAN	
nitial	X	Annua	1		Spec	ial		_Date of	Test	2/14/61	
	Southwest										
nit	Sec	17 _{Twp}	31N	Rge.	126	Purcl	haser_	l Pase Mat	turel G	as Company	
	Wt. 1										
	/8" Wt. 4					-					
										ss12.0	
coducing	Thru: Ca	asing		Tubi	ng	(Type We	11 Singi	e-Gas		
te of Co	mpletion:	1/8/61		Packer	1	Sing	le-Brade Reservo	nhead-G. (ir Temp.	G. or G	.O. Dual	
	•					ED DATA	_	-			
eted Thr	ough (99	1958	noke) (I		4252. 00			Type Tap	e		
Soed IIII	ough to	Flow Dat				(Table 1 - 1	Data				
	ver) (C)	noke) l	ress.	Diff.	Temp.	Tubing Press.	Temp.	Casing Da	Temp.		
		ifice) Size	psig	h _w	o _F .	psig	o _F ,	psig	⁵F.	of Flow Hr.	
						2000		2000		7-Days	
	3/	4"	304		69	304	69	960		3-kg.	
			F			_					
(2	Coefficient (24-Hour) $\sqrt{h_W p_f}$		_ ps			* Ib				Rate of Flow Q-MCFPD @ 15.025 psia	
12.30											
+											
				PRES	SURE CA	ALCU ATIO	ons				
	Hydrocarbo			C.	f/bbl.					rator Gas	
	Liquid Hyd		ns -e ^S)		deg.			fic Gravit 012		ing Fluid	
		,	-				•		94		
P _w	sia)	$p_{\rm t}^2$ $F_{\rm c}$	1	$(\mathbf{F_cQ})^2$	(F ₀	cQ) ²	P _w 2	$P_c^2 - P_w^2$	Ca.		
					 		945	3103	 	.206	
					 				+		
	otential:	4,620		····	MCRPD.	n .75			<u> </u>		
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DRESS	TITLE God	r. Cont					····				
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MPANY					REM	ADVC			PEHA		
					Trimi	CARH		/			

FEB20 1961 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 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.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{pv} 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 $P_{\mathbf{t}}$.