3-MOCC Astec 1-Cutler 2-Galloway 1-File

MILLET DOTNE BACK PRESSIPE TEST FOR GAS WELLS

Form C-122
Revised 12-1-55

				-POINT BA					75.6 a	Acceding	
	Rlanco										
Init	ial XX	A:	nnual		Spec	ial		_Date of	Test	2-10-77	
	any MCIFE									71-24	
Unit	S	ec. 24	Twp . 291	Rge	. <u>7</u> w	Purch	aser	ot come	rted		
Casir	ng 53" W	t. 14.0/		Set	at	h19' Per	.f. 4860)*	То	5420'	
Tubir	ng 1-1/4" W	t	I.D	Set	at	5 368' Per	·f		То		
	Pay: From_										
Date	ucing Thru:	ion:	<u> </u>	Packe	•	Sing	le-Brade	enhead-G. oir Temp.	G. or G	.O. Dual	
Dave	OI COMPICO.					ED DATA					
		***********	1 (a) 1	8000000A		in 7 day		т			
Teste	ed Through			(Meter)							
	(Frover)		w Data Press	Diff.	Temp.	Tubing Press.		Casing I	Temp.	Duration	
No.	(1251%) 312%	(CFFFFE	(2)		o _F .	psig		psig	ł	l of Flow	
SI	Size	Size	psig	IIW		17709		1110	+		
1.		3/4	350		-68°	123		350		3 hours	
2 . 3.				┿╾╌╢					 		
4.											
5.		<u>L,</u>				L	<u></u>	L	<u> </u>	<u> </u>	
	0.001-1					CULATIONS		Compre	200	Rate of Flow	
No.	Coefficient		'	Pressure		Flow Temp. Factor		r Factor		Q-MCFPD	
	(24-Hour) √ h _v		h _w p _f	vp _f psia		t	Fg	F _{pv}		@ 15.025 psia	
1. 2.	12,3650			362	9924		.9605	1.0	735		
3 _e											
4.				·			·				
5.	 										
				PR.	ESSURE C	CALCUIATIO	ONS				
	iquid Hydro				cf/bbl.		Speci	ific Grav	ity Sepa	arator Gas	
rav11 c	ty of Liqui	а нуагос	arbons)	deg.	• -	P _C	1122	P _C	ving fluid 1258.9	
·			 -			-					
$\neg \tau$	P _w	2	_ 			2	125	_2 _2		, , ,	
No.	Pt (psia)	$P_{\mathbf{t}}^2$	F _c Q	$(F_cQ)^2$	(F	(cQ) ² (-e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Ca	Pw Pw	
1.	If (bara)			<u> </u>			180.6	1078.3		W 1.17	
1. 2.											
3. 4.											
5.											
	lute Potent	ial:	4,974	SLUE VA	MCFPD:	n_ •75	/ 1.1249				
COMP.	ANY FACTOR ANY ESS 415	West In	ALVEY.	STATE OF THE PARTY OF	A PORT OF	3.150					
AGEN'	T and TITLE	C. R.	. Hegner	- Nell M	ee meet	DOU'					
WITN.	ESSED M. V.	MO MATE	rel des C								
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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_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.
- Fpv 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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