MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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Revised	12	. -1- 55

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	a Petrole			Spec	ial		_Date of T	Test_1	1/4/57
it O Se		num Compa	ny I	ease_W	0. Hagi	nes	Well	L No	k-A
	ec. 7	Twp 24	Rge		Purc	haser P	acific Nor	thwest	
sing 5 1/2" Wt	. 11/	_I.D. <u>5.0</u>	12 Set	at 313 0) ! Pe	rf 30 (02 1	ľo	3043
bing 2 3/8" Wt	. 4.7	_I.D. 1.9	95 Set	at 3008	}1 Pe	rf		ro	w
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oducing Thru:	Casing		Tub	ing	X	Туре We	11 siggle	comple	tion
te of Completi	.on:10	0/19/57	Packer	No	Sin	gle-Brade Reservo	enhead-G. (oir Temp.	G. or G	0. Dual
					ED DATA				
sted Through	(Research	Choke)	XHOUSE)				Type Taps	5 =	
		Data		 1	Tubing	Data	Casing Da		Γ
(Line)	(Choke)	Press.	Diff.	Temp.		Temp.		Temp.	Duration of Flow
Size	Size	psig	h _w	°F.	psig	°F.	psig	°F∙	Hr.
20	920	60		61	973				
	.750	30	-	<u> </u>	60	61	109		3 hrs.
						 			
(24-Hour) 1	h _w p _f	psia 72	.9990	t	Factor F _g	Factor F _{pv}	L	Q-MCFPD @ 15.025 psia
12,3650				 -					
Liquid Hydroc vity of Liquid	Hydroca		-	cf/bbldeg.	alcu ati	Speci Speci		y Flow	rator Gas ving Fluid 0.60 0.2
P _w	P _t ²	F_c^Q	$(F_cQ)^2$	(F.	c ^Q) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Ca	P _w P _c
121						14.6	955.6		0.150
 								 	
solute Potenti		She LETT CONF	ANY	0	n_0.85				
MPANY MASKILL DRESS P. C. D	OX 2106.	~ /1/	KIL	- Gas 1	<u>Ingineer</u>				The state of the s
MPANY MACKET DRESS P. G. D ENT and TITLE TNESSED MPANY	OX 2106.	- 11)	Kenf	- Gas I	Engineer			eril.	

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 Re.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q = Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 600 F.
- Pc= 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 meter pressure, inches water.
- Fg 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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