MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Undesignate	ed Date	ota_	F	ormation	Dakol		-,. <u>.</u>	_County	San J			
Init	ial		Annua	1	المحاد المحادية	Spec	ial		_Date of	Test_	arch i	1, 1960	
	any Pen Amer											-	
Unit	, <u> </u>	ec. 3	5 Twr	298	Rge	. 13W	Pur	chaser_					
	ng 7 W							erf. 417	6	То	6226		
	ing 3-3/8" W								ه کمکامت د				
Gas Pay: From 6176 To 6676 L 6128 xG 0.70 cotGL 4290 Bar. Press. 12													
	lucing Thru:							Type We	11 6.	O. Due	k.		
Date	e of Complet	ion:	3-22-4	.	Packer	6120	Si	ngle-Brade Reservo	nhead-G. ir Temp.	G. or.	G.O.	Dual	
Dave	Of Complete						ED DATA						
				.	 \	ODSERV.	DAIR						
Test	ed Through				(33555)				Type Tap				
	(Trotor)		low Da	ata Press	. Diff.	Temp.	Tubin Press	g Data . Temp.	Casing I	Temp.	1	Duration	
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SI	31 19 days						1955	 	PD-28		1		
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2. 3.													
4. 5.										 	-		
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	Coeffici	icient		Pressure			OW CALCULATIONS Flow Temp.					Rate of Flow	
No.	(24-Hour)		$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$		psia	Fac F	tor	Factor Fg	Factor F _{pv}		Q PD @ Files psia		
$\frac{1}{1}$	12,365	- / V ''w		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1,000		·9256	1.052		A.55		
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1. 2. 3. 4. 5.													
5.											L		
					PR.	ESSURE C	ALCULAT	IONS					
	iquid Hydro					cf/bbl.			fic Gravi				
ravi c	ty of Liqui	а нуаг	ccarbo	ons 1-e ⁻⁵)	deg.				ecific Gravity Flowing Fluid PC 3,869,689				
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No.	$P_{\mathbf{w}}$	Ρί	2	0	$(F_cQ)^2$	(F	c^{Q}	P _w 2	$P_c^2 - P_w^2$	С	al.	P	
NO.	Pt (psia)	•		c ^Q		1 (1	-6 -7				Pw	P _w P _c	
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3.											1		
4. 5.													
Abso	olute Potent	ial:	6700	· Transaction	Parameter (MCFPD;	n 0.7	5					
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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 = Actual rate of flow at end of flow period at W. H. working pressure (Pw). 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.
- Differential meter pressure, inches water.

 Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv 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 $P_{\rm t}$.