MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Pool	Jaluet		Formation	Tate	e & 7-B		County_	Las	.
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Company_Pa	un American	Petroleu	a Corp.	Lease	Keyer		We	ll No	1
Jnit D	Sec	7_Twp	24 Rg	ge 37	Puro	chaser	epro		
	Wt. 1							То	
ubing_2	Wt6	5 I.D.	Se	t at 3	342 Pe	erf.		то	
as Pay:]	From 3150		70 _L 3	342 x	.G .645	-GI.	21,56	Bar. Pre	ess. 13.2
	Thru: Cas								
	mpletion:_								.O. Dual
	-				ED DATA		orr remp.		
ested Thro	ough <u>(Prov</u>	rer) (Chok	e) (Matam)		ED DATA		m m-		
		low Data				Type Taps			
	er) (Cho	ke) Pre	ss. Diff.	Temp.		Data Temp.	Casing D	Temp.	Duration
). (Lin Siz		ice) ze ps	ig h _w	o _f .	ps i g	o _F .	psig	o _F .	of Flow Hr.
4	1.50			90	927				72
4	1.50			70	841				24
	1.50			87	795			<u> </u>	24
4	1,50	0 69	2 70.6	79	701				24
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13.99		223,04	04			.9643	1,066		3,150
vity of L	ydrocarbon iquid Hydro	ocarbons		CSSURE CA		Speci Speci		ty Flow	rator Gas_ ing Fluid
P _w			$(F_cQ)^2$	(T-	Q) ² e-s)	P _w 2	$P_c^2 - P_w^2$	Cal P	
854.2	729.7 677.7	10.32	106.5	14. 21.		44.4	139.6		
714,2	653.2	14-45	208,8	28,	8 8	98.9 82.0	185.1 202.0	 	
\$0\$.2 714.2	510,1	18,48	341.5	47.		57.2	326.8	†	<u>i</u>
solute Por MPANY DRESS	P. O. Bex	68 - He	bbs, New M	lext.re	n .72		196-		
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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 \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
- PwI 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.
- FgI Gravity correction factor:
- Ft Flowing temperature correction factor.
- F_{DV} Supercompressability factor.
- n I Slope of back pressure curve.

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t .