MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Poo	1 Otors Cha	gra	Fc	rmation	ation Cheers				County Rio Aprilo			
Initial X Annual_				Special				Date of Test 1-3-63				
	pany ran Amer											
Uni	t <u> </u>	ec. <u>15</u>	Twp. 25	Rge Rge	e. <u>5-4</u>	Purc	haser	<u>.</u>				
Casing Wt. 9.5 I.D.4.030 Set at 4.16 Perf. 3690-34 To 1899-									3-3903			
Tubing 2-1/8 Wt. 4.7 I.D.1.995 Set at 3916 Perf. To												
	Pay: From								Bar.Pr	ess1	2	
Producing Thru: Casing Tubing Tubing Type Well Simple Single-Bradenhead-G. G. or G.O. Dual												
Date of Completion: Date 20, 1962 Packer Reservoir Temp.												
					OBSERV	ED DATA						
Tested Through (Prover) (Choke) (Meter) Type Taps Tlance												
			Data				Data	Casing Data Press. Temp.		B		
No.	(frover) (Line)	(OriHide	\$)	1 !			Temp.	ĺ	Temp.		Ouration of Flow	
SI	Size	Size	psig	h _w	°F.	psig	 	psig	· ·	-	Hr.	
1.	2"	.750	66			77	60º Bat.	277			House	
2 .				 								
4.									-	 		
5.	<u> </u>	L			DI OU OAT	OVE A STON	·		<u></u>	<u> </u>		
No.	Coeffici (24-Hou	,	h _w p _f	ressure		Temp. tor	Gravity Factor			Rate of Flow Q-MCFPD @ 15.025 psia		
1.	12,3650	- / V		90	1,000		9256	1.012		927		
2.												
3. 4. 5.	<u> </u>											
5.												
Grav	Liquid Hydro ity of Liqui	d Hydroca	atio_ arbons(1-e ^{-s})_		cf/bbl.deg.		Speci Speci	fic Gravi	ty Flo			
No.	Pt (psia)	Pt ²	F _c Q	(F _c Q) ²	(F (1		P _w ²	P _c ² -P _w ²	C	al. P _w	P _w P _c	
1. 2.	80											
3.									-			
4. 5.												
Abs	solute Potent		966 relown Co	peratio	MCFPD;	n_	75					
ACRIVE and TITLE												
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Joh					REM	MARKS		01	ANB L CON DIST	1963 . COM	.)	

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
- P_{w} 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
- P_{f} Meter pressure, psia.
- $h_{\mathbf{W}}^{-}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- $\mathbf{F}_{\mathbf{DV}}\mathbf{I}$ 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 $P_{\mathbf{t}}$.