MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Asteo-Fre	itlan	4	F	ormation	- Frait	land		County	Sen d	luan	
Init	(Duel with ialK	Aste	Ann	tured C ual_	liffs)	Spec	ial		Date of	Test N	ovember 13,	195
	any Pan As											
											Gas Company	
	ng <u>9-1/2</u> h											
Tubi	ng 1-1/4 W	it	.3	I.D. 1.	60 Se	et at 1	64.6 Pe	rf.	. 450.401	То	OLERT7099	
Gas 1	Pay: From_	1646	To_	1666	L1	. 646 _x	G 0.65 (e	 GL	1070	Bar.Pr	ess. 12	
Produ	ucing Thru:	Ca	sing_	· X	Tυ	ıbi.ng		Type We	11 Gaged	as Dua	3	
Date	of Complet	ion:_	10-	-59	Packe	r 18	Sin 20	gle-Brade Reservo	enhead-G. oir Temp.	G. or	G.O. Dual	
							ED DATA	<u> </u>	-			
most s	nd Therewah	(1000000		(ah - 1)	/		20 21111		m m			
resce	ed Through											
	(PEGMEN)		Flow I		Diff.	Temp.	Tubing Press.	Data Temp.	Casing D	ata Temp.	Duratio	on
No.	(Line)	(200		R.	1			o _F ,	psig	!	l of Flo	
SI	Size Shut		ize	psig	n _w	° _F .	655	F.	ps1g	F.	Hr.	
	2"	3,	/4"	377		60° (aut.,	442		395		3 hours	
1. 2. 3.				 						 		
4. 5.				1								
		<u>. </u>		+	<u> </u>					J		
	Coeffici	ent		Pr	essure	FLOW CAL	Temp.	Gravity	Compre	ss.	Rate of Flow	
No.	(24-Hou	r)	$\sqrt{h_{\mathbf{h}}}$	p _f	nsia						Q-MCFPD @ 15.025 psi	ia
i.	12,365		V W	191	391	1,0	200	F _g 0,9404	Fpv		4826	
2.												_
<u>.</u>	12,365											
2.1			<u> </u>									
					PR.	ESSURE CA	ALCULATIO	ONS				
	quid Hydro y of Liqui					cf/bbl.					arator Gas wing Fluid	
	, or bridge	-		1-e ^{-s}		ucg.		P _c	667		WA , 407	
No.	Pw	P	2 F	ွင့	$(F_cQ)^2$	(F.	a) ²	P _w 2	$P_c^2 - P_w^2$	Ca	al. Pw	
	Pt (psia)			c ·	·- 647	(1:	Q) ² -e ^{-s})			j	$\frac{P_{\mathbf{w}}}{P_{\mathbf{c}}}$	
								206,116	238,773			
3.												
5.												_
bsol COMPA	ute Potent:	ial:	n Pots	MAS	orporet	MCFPD;	n 0,1	5				
DDRE	SS Book A		relag	ian, He	r Nextee		- 200	>	0			
	and TITLE SSED_	A _q n	* 100	er, er,	APOR	ngineer	KM	Dane	<u> </u>			
OMPA	NY					REMA	PKS		OF THE			
						TUENTA	TIMO	1				
									EC 7 19	59		
								/ ~	L CON. C			
								/OI	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 = 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
- 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
- Pr Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft 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 $P_{\mathbf{t}}$.

AZTEC DIST	RICT OFFICE	
- The state of the	BUTION	
The second secon	NO.	
Carretor	1	
Can's [7	1	
Proreiting and a	Jan 1997 C. Carlotte	
The Later Control	and the second s	
3 G.S.	فعضيه وعيوران ويعيد ساورق المياران	
Transporter		
FILE		