MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS Form C-122 Revised 12-1-55

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InitialAnnual			al	Special			Date of Test 5-11 to 6-6-56					
Compa	ny Golf	011 Cer	Do			Lease_8	hip. Al	ert	We]	Ll No	1_	
Unit 7 Sec. 21 Twp198 Rge. 37h Purchaser Permian Basin Pipeline Co.												
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Date (Recent of Comple	leted: tion:	6-18-	·A	Packe	r None	Sin	gle-Brade Reserve	enhead-G. oir Temp.	G. or	G.O. Dual	
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Teste	d Through	ales es			(Meter)		DD DRIN		Tume Tar	. Pine		
Tested Through Flow Data								Type Taps_Pipe				
	(2000)	448	(5)	Press.	Diff.	Temp.	Tubing Press.	Temp.	Casing I		Duration	
No.	(Line) Size	(Orif	ice)			•		}	1		of Flow	
SI	Size	51	ze	psig	h _w	° _F .	psig	1.	psig		71.75	
1.	4	1	•13	158.6	9.7	67	704.7	<u> </u>	927.8	 	(A-12	
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4. 5.			•15	167.1	为人	70	720.Z		583al	<u> </u>	24	
No.		Coefficient (24-Hour) $\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$			essure psia			Gravity Factor			Rate of Flow Q-MCFPD @ 15.025 psia	
1. 2.	21.69			67.65 67		.950		F _g	44600		1413	
2.	21.69					•9022		•9393	1.046		1927	
3. 4.		21.69 100.55 21.69 135.85			0.0	.9950		•2223	1.050		2017	
5.										-		
as Lic ravity	quid Hydro	ocarbon id Hydro	Ratio	onse_s)		cf/bbl.	ALCU ATI	Speci	fic Gravi fic Gravi 977.8	ty Sepa ty Flow _P2	rator Gas ving Fluid	
No.	w ot (psia)	Pt2	Fo	Q	$(F_cQ)^2$	(F (1	(cQ) ² -e-s)	P _w 2	P _c -P _w ²	Ca F	Pw Pc	
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3.	861.7	 				_		777-7	176.4		92.5	
4.	836.3							699.L	256.7	+	85.5	
5.												
COMPAN ADDRES	and TITLE	15 013				_MCFPD;	n	.58				
·						REM	ARKS					

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 $(P_{\rm W})$. MCF/da. @ 15.025 psia and 60° 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
- Pr Meter pressure, psia.
- hw Differential meter pressure, inches water.
- FgT 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 $P_{\mathbf{t}}$.