MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised	12-1-55

Pool	Besi	A		Fc	rmation	Delta	ota	··	County	Sen	June
Init	ial 🗶		_Annua	al		Spec					
	any Synaet							_			11-20
Unit	<u> </u>	Sec2	Twp	. <u>2</u>	en Rg	e. 10W	Purc	haser			
Casi	ng 4 V	Vt. 11	.6 _I.	D	Se	t at	624 Per	rf. 6516	<u> </u>	То	6564
Tubi	ng 2 3/8 W	√t. <u>4.</u>	7 I.	.D	Se	t at 55	61 Per	rf.open	mded	То	
Gas	Pay: From	651 6	_To	6FEA	L	x	G 0.70		·	Bar.Pr	ess
Prod	ucing Thru:	Cas	ing		Tu	bing	1	Type We	ell Sing	le Ges	B
Date	of Complet	ion:	12-16	-60	Packe	r	Sing	gle-Brade Reservo	enhead-G. oir Temp	G. or	G.O. Dual
							ED DATA				
Test	ed Through		(0	hoke)					Туре Тар	s	
			low Da				Tubing	Data	Casing Da		T
No.	(Prover) (Line)		ke)		Diff.	Temp.		Temp.			Duration of Flow
- 1	Size	1 '	- 1	psig	h _w	°F.		°F.	psig	[⊃] F•	Hr.
SI 1.							1993		1996		
2. 3.	2*	3/	4	556		77			1238		3 12-6
4.			•	7,50							+
4. 5.											
	Coeffici	ent					CULATIONS				Dot o of Plan
No.		efficient Pressur			Fact	tor	Factor	Factor	Compress. Rate of Flow Factor Q-MCFPD		
-	$(24-Hour)$ $\sqrt{h_{w}p_{f}}$		f	psia l		't Fg		Fpv		@ 15.025 psia	
1. 2.											
3. 1.	12,3650				OFF. 895			.9258	1,	064	6808
5.											
	iquid Hydro ty of Liqui		carbo			cf/bbl. deg.	ALCU [,] ATIC	Speci	fic Gravit		arator Gas wing Fluid 032
No.	P _w	Pt ²	Fc	5	(F _c Q) ²	(F ₀	Q) ² -e-s)	P _w 2	$P_c^2 - P_w^2$	ľ	al. Pw Pw Pc
1. 2. 3.	1250							1562	2470		1.6324
4.			1_					.,	2410	 	1.03.24
5. [Lute Potent		96	3 2		MORED	- 7 ⁸	1.444	3	<u> </u>	
COMPA	WY	Sus	set I	nterne		MCFPD;	Corp.				
ADDRE	ESS Tand TITLE		A. Da			ngs Bldg	Desve	F. Color			
	ESSED	**	A, Ma	gan, (OBSULE.	THE MALE LA	,	7 rug	an .		
COMPA	NY					REMA	DVC			SPI.	
						M.E.M.	CANS				
									\		1 SOM /

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
- P_t 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.
- 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 $P_{\mathbf{t}}$.