HOBBS OFFICE OCC
Revised 12-1-55

Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool		ont_		F	ormation	L_Ques	ı n	isst FEB	County 10	: 06		
InitialAnnual				al	Special				Date of	Test	2. 94. 1984	
Unit Sec. 16 Twp. 108 Rge. 90 Purchaser Fermion Besin Casing 5 1/2 Wt. 15.5 I.D. 4.08 Set at 3600 Perf. To												
	ng 2 3/8											
Ga.S	ray: rrom	_3694	_To_	1850	L_36	10x	^{CG} _0.671		72	Bar.Pre	ss. <u>15.2</u>	
Prod	lucing Thru	: Cas	sing		Tu	lbi.ng	Sir	Type We	ell_	or G	O. Dual	
Date	of Complet	tion:	90. 8	2, 19	Packe	r		Reserve	oir Temp.		· · · · · · · · · · · · · · · · · · ·	
						OBSERV	ED DATA					
Test	ed Through	(Pro	er) (Choke)	<u> (</u> Meter)				Type Taps			
Flow Data								Data				
	(Prover)				Diff.	Temp.	Press.		Press.	Temp.	Duration	
No.	(Line) Si≱e	(Orif		psig	h _w	°F.	psig	o _F .	psig	∍ _F .	of Flow Hr.	
SI					w		909.5		 			
1. 2.		- 3	76-	168 v7	14.0	61	779.0		913.2	ì		
3 .		+	-75 -75	463.9	25.5	78	689.0		775.7		94	
4. 5.	4	, -	.75	670.8		63	618,7 544.2		734 .9 695 .0		25/8/4	
	Coeffici	ent		T _D =		FLOW CAL				<u> </u>	\	
No.			<i> </i>				tor	Factor	Facto		Rate of Flow Q-MCFPD	
1.	(24-Hour)		+		psia F			Fg		(9 15.025 psia	
2.	21.60				56-9 0.980 74-9 0.987		<u> </u>	8-8487	1.039		1688	
3。	27.60		121.40 47		77.1	7.1 0.9971		0.9427	1.04		9829 9889	
5.	21-69		136.80 483		33.7	0.998		0.9497	1.04	5	2903	
as Li	iquid Hydro	carbon	Ratio	/	PRI	ESSURE CA	ALCUIATIO		fic Gravi	tv Senar	rator Gas	
ravity of Liquid Hydrocarbons						deg. Speci			fic Gravity Separator Gas fic Gravity Flowing Fluid			
·			\	0	,,			Pc	36-4	Pc - 86	8.9	
10 4	Pt (psia)	$P_{\mathbf{t}}^2$	Fc	Q	$(F_cQ)^2$	(F ₀	Q) ² e-s)	P _w 2	$P_c^2 - P_w^2$	Cal		
	798-8	627.6						600 6	****	Pw		
-	702-2	498.1	125					619.2 619.2	259.0 259.0	786	/ •	
	651.9 667.4	\$99. 8						558.6	299.6	747	6 -81	
·		7				_i		501.5	356.7	708.	2 .76	
OMPA		ial:	5275 Kal			_MCFPD;	n	-69-				
DDRE GENT	SS and TITLE	* 567	1) 10	-Andys	- Non-	M9 11 100						
TINE	SSED_		Seel V	uexa	- 	sy de		Produc	tion 8w	perint e	endent	
OMPA	NY				poline	REMA	RKS					

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.
- 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
- Pf Meter pressure, psia.
- h. Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv 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} .