Form C-122
Revised 12-1-55

County San June

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Formation Behove

Pool __ Beefs Behote

Tniti	al	E.	Ann	ual		Special					Test		7-1-64	
	nyPAS ANS													
	<u>A</u>													
												//404	6-73	
Casing 4-1/2 Wt. 10.5 I.D. 4.052 Set at 6210 Perf. 6046-55/6127 To 6147 Tubing 2-3/8 Wt. 4.7 I.D. 1.995 Set at 6065 Perf. 6036 To														
	ay: From													
Producing Thru: Casing Tubing Type Well Single-Bradenhead-G. G. or G.O. Dual													Dual	
Date	of Comple	tion:_	6-2	N-64	Pac	ker	Mod	М	Reserve	oir Temp.				
						OE	SER V I	ED DATA						
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- -	(2000)		rlow	Pres	s. Dif	f. Te	emp.	Press.	Data Temp.	Press.	Temp.	†	Duration of Flow	
No.	(Line)	(802		1		- 1				psig	1		of Flow Hr.	
	Size			psi	g h	′	r.	psig		psig		┼		
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3.									ļ	 	 	┼		
5.		 		-						 		+		
2•!						·								
								CULATION		Compa	0000	Rate	of Flow	
No.				Pressur	essure Flow Temp. G			Factor	or Factor Q-MCFPD					
NO.	(24-Hour) ¬/			wp _f		Ft		F _g _	Fpv		● 15.025 psia			
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2.														
3.			 					 						
4. 5.			<u> </u>											
						PRESSI	URE C	alcui at i	ions					
lse Li	quid Hydr	roca rbo	n Rat.	io		cf	/bbl.		Spec	ific Grav	ity Sep	arato	or Gas	
ravit	y of Liqu	id Hyd	rocar	bons			deg.		Spec	ific Grav	rity Flo	wing	Fluid	
_				(1-e ⁻⁸				•	^Р с—	2067	Pc	4,8	72,405	
														
No.	$P_{\mathbf{W}}$	P	2	F _c Q	(F _c	2)2	Ŧ)	$(c^{Q})^{2}$ $(c^{-e^{-s}})$	P_w^2	$P_c^2 - P_w^2$? c	al.		
	Pt (psia))	t	* c*	(, 6,	1	(1	-e ^{-s})		-6 #		Pw		
									41,176	19.41	3			
2.					+					+				
3. 4.														
5.														
Absol	Lute Poter	ntial:		5344		M	CFPD;	n	.75					
COMPA	ANY						7505				-=11			
ACENT and TITLE 7. L. Moore, District Regimes														
WITNESSED TO THE TOTAL STATE OF THE STATE OF										RILLITE				
COMPANY REMARKS JUL 9 196											1964			
							KE	CANA		/	OIL COU	7 CO	M.	
											OIL COI	T. 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 \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.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- $P_{\mathbf{w}}^{-}$ 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
- Pf Meter pressure, psia.
- hwI Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fnv 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 $P_{\mathbf{t}}$.