Form C-122

Revised 12-1-55

OIL CON. C

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Basin Bahete				Formation Passes				County				
Initi	al		Annu	al		Speci			_Date of	Te st	st6-2-64		
									C " Wel				
Unit	M	Sec.	27 _{Tw}	p. 29	Rg	e. 10W	Purc	haser					
Casin	g 4-1/2	Wt. 10	. 5 I	.D. 4	, 053 Se	et at_	426 Pe	rf .6262-7	2/6321	To 6331	/6342	-58	
								-	Open				
									4417				
									ell Sin				
Date	of Comple	etion:	5-2	3-64	Packe	er	Sin	gle-Brade Reserve	enhead-G.	G. or G	.O. D	ual	
					-		ED DATA						
Toeto	d Through			Choke)	(100000)				Туре Тар	s T	lange		
Tested Through (Choke) (MASS) Flow Data						Tubing Data			Casing Data				
		(Ch	(Choke)		• Diff.	Temp.				Тетр.]	Duration of Flow	
No.	(Line) Size	S	ize	psig	h _w	o _F .	psig	o _F .	psig	°F∙		Hr.	
SI	8 days			1			1809		1905				
1.	2 tack	.7	50	366			348	60" est.	388	00 est	- 3	Br.	
2.				 	 	 		 		 			
3.		- 		 		 		 	 	 			
<u>4.</u> 5.	<u></u>			 	+	 		 					
No.	Coefficient (24-Hour) √ h _w p		p _f	Pressure psia		CALCULATION Flow Temp. Factor Ft		Compress. Factor Fpv 1.047		Rate of Flow Q-MCFPD @ 15.025 psia			
1.	12.3650				380	1,000		F _g	1.04	7	4354		
2.													
3.						ļ				+			
4. 5.			 										
as Li Gravit	lquid Hydr y of Liqu	uid Hyd	rocart		·	RESSURE C	•	Spec: Spec:	ific Gravi ific Gravi 1917	ty Flow	ring F	luid	
					Γ								
No.	P _w Pt (psia		2 t	r _c Q	(F _c Q) ²	2 (I	[cQ) ² [-e ^{-s})	P _w 2	$P_c^2-P_w^2$	Ca I	1. W	P _w P _c	
2.								44,000	3,314,809	'	-+-		
3.		 											
4.											_		
COMPA ADDRE	ESS	PAN AND	, lan	930 PEZMA	, New Ma	MCFPD		75		- 65			
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COMPA				- · ·		1				KLU	-11.		
		<u></u>				RE	MARKS			JUN	1 0 196	54	

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 I 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
- PwT 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
- P_f Meter pressure, psia.
- $h_{\mathbf{w}}$ Differential meter pressure, inches water.
- F_{g} : 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 $P_{\mathbf{t}}$.