Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122

Revised 12-1-55

Pool	Thunses A.		Fo	ormation	Guerra	4 8881 •	(07 19	M 7:58	ias_		
								Date of Test			
								Well No.			
								rf. To			
Gas Pay: From 1660 To 1810 L 1939 xG 0.686 -GL 1339 Bar. Press. 11.2											
Producing Thru: Casing Tubing Type Wel Single-Braden								nhead-G.	le Comple). Dual	
Date of	Complet	ion:	11-54	Packer	ckerReserv			oir Temp.			
					OBSERVI	ED DATA				•	
Tosted	Through	(HOUSE)	A SERVICE A	(Meter)	er)			Type Taps Pipe			
Tested				11100017	·	Tubing	Data	Casing Da			
((Prover)	(Choke)	Data Press	. Diff.	Temp.	Press.	Temp.	Press.		Duration of Flow	
No.	(Line) Size	(Orifice Size)			ps i g		1	∍ _F .	Hr.	
SI								5 3-6		B-3/A	
1. 2.		1.75	150.	14.0	79			18.4		3	
3.		1.75		3 34.1	4 1			97.3		10-3/4	
5.		1.75									
					FLOW CAL	CULATION	S	-10	- I B	oto of Flow	
No.	Coefficient		Pressure		Flow Temp. Factor		Factor	Compress. Factor		J-WC™DD	
	(24-Hou	<u> </u>		psia	F		F _{g_}	Fpv	@ 15.025 psia		
1.	21.69		5.80	143.1	0.70		0.555 0.555	10.	JU _	740	
1. 2. 3. 4. 5.	21.6	7 1	3.90	66.5	0,99		6,9393 6,9393		1.5	7635 8200	
5.	21.69 113.90 166.5 0.9990 0.9595 2.003 2.003										
				PR	ESSURE C	CALCULATI	ONS	12 -	1.965		
Gas Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separate Specific Gravity Flowing Specific Gravity Flowing										ator Gas	
Gravity of Liquid Hydrocarbons Fc (1-e-s)			0.3	deg.		Spec:	ific Gravi	P _C 73	ng riuid		
· C						-	Ü				
	w	2		(= 0)2	2 /-	2012	ר מ	$P_c^2 - P_w^2$	Cal	P	
No. P	t (psia)	Pt Pt	F _c Q	$(F_cQ)^2$	1 (-	_{cQ)} ² L-e ^{-s})	P _w 2		P	, Pc	
1. 2.	139.0	\$85.1 \$56.8	1.55	1.90	0.	, 1377 , 132	17:1			• 43	
3.	61.1	173.4	1.707	1.30	. 0,	(6)0 H	374.1	30.7	41,0		
4. 5.	42799	31300									
Absolu	te Poten	tial:	9550	Lanz.	MCFPD	; n					
ADDRESS BUE 2167, Months, T.M.											
	and TITL	E 1.	d 5	mith							
COMPAN					RF.	MARKS				· · · · · · · · · · · · · · · · · · ·	

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 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- 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.
- $h_{\mbox{\scriptsize W}}\mbox{\footnotesize -}$ Differential meter pressure, inches water.
- F_{g} Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.