MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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Pool	Ast	66		F	ormation	· Luttur	mi Glisti	<u> </u>	County_	en.	loan
Init	ial		Annua	al		Spec	ial		Date of	Test	10/19/59
Comp	any anteo	611 e	nd Das	CH24	NY	Lease	ilare		Wel	ll No	11
Unit	<u> </u>	Sec	23 Twp	29	Rg	e. 10 m	Purc	haser_Se	uta er a en	ulan Gw	s Corr any
Casi	ng W	lt. 9.	<u>5</u> 1.	D. 1	0 0 Se	t at 21)1 Pe	rf. 210	6	To	716)
Tubi	ng <u>1</u> W	īt	.7 I.	D. 1.	Se	t at 21	Pe	rf	3	To_	eals)
		_									ess
Prod	ucing Thru:	Cas	sing	x	Tu	bi.ng_		Type We	ell Sisci	A-CAR	
							Sin	øle-Brade	enhead-Ga	Ga or	G.O. Dual
	•						ED DATA				
Teste	ed Through	13.00	(C	hoke)	(Market)				Type Tap	os	
			Tlow Da				Tubing		Casing I		
No.	(Prover) (Line)	(Cho	oke)	Press.	! !						of Flow
	Size	Si	ze	psig	h _w	°F.		°F.	psig	[⊃] F•	
SI 1.			MEGA	173			650		173	60	9 days
2. 3.			33	_A(.)					113	30	3 100.50
3.		·									
4. 5.											
		!	———-		L1		<u></u>	L	Ł	<u></u>	
							CULATION				
No.	Coeffici	ent		Pr	essure		•	•		1	Rate of Flow Q-MCFPD
	(24-Hou	r)	¬√ h _w p		psia						@ 15.025 psia
1.	12.365				185	1,00		\$600	1,01		2,235
1. 2. 3. 4. 5.											
3 c											
5.											
					PRI	ESSURE CA	ALCU ATI	ons			
	lquid Hydro					cf/bbl.		Speci	fic Gravi	ty Sepa	arator Gas
	y of Liquio		ocarbo	ns		deg.					wing Fluid
C——	· · · · · · · · · · · · · · · · · · ·		(_T	-e ^{-s})				^Р с		_ ^P c	型,2点
_T -	P _w										
No.		$P_{\mathbf{t}}^{2}$	Fc	5	$(F_cQ)^2$	(F.	cQ) ² -e ^{-s})	P_w^2	$P_c^2 - P_w^2$	4	Pw Pc
	(psia)							18.416	399.328		P _w P _c
2.				,ç t	* .				2773484		
3. +•		:								- 	_
5.										 	
	ute Potent:	ial:		2,416		MCFPD.	n s			- · · · · ·	
COMPA	NY Astac	11.	nd Gas	Cost				*			
ADDRE	SS and TITLE	756.	CINAL C	CNED T	Here Head	40	∜> 5af		₹ •••• •	and Address of the	
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COMPA											
						REMA	ARKS	ـــــــــــــــــــــــــــــــــــــ			
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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
- 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.
- hw 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_+ .

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