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Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Pool	Rumont Formation Que						County Los				
Init	ial	A	nnual	<u> </u>	▼ Special_			Date of Test sept.10, 1956			
Company John M. Kelly				Lease <u>Houstor</u>			Well No.				
Unit	S	ec. <u>B</u>	_Twp	<b>e</b> Rg	e. <u><b>37</b></u>	Purc	haser	l Pasa N	stural	Gen	
Casir	ng <u>6 1/2 W</u>	t. <u>15.6</u>	I.D	Se	t at <b>38</b>	<b>.s</b> Pe	rf. 370	06	To	790	
ľubir	ng <u>2</u> W	t. <b>4.7</b>	I.D	Se	t at <b>38</b>	3.5 Pe	rf		To		
Gas F	Pay: From_	<b>3706</b> _T	0_3749	L 383	<b>S</b> X	G 675	_GL st	5.87	Bar.Pre	88. <b>13.2</b>	
	cing Thru:					./					
Date	of Complet	ion: 独。	v 8. 196	A Packe	r 3680	Sin	gle-Br te Reservo	enhead-G.	G. or G	.O. Dual	
	•				-	ED DATA					
'eete	nd Through	(Prover	(Choka)	\ (Motom)		DD DAIN		Trme Tan	· S		
Tested Through (Prover) (Ch							Type Taps plange  ng Data Casing Data s. Temp. Press. Temp. Duration				
. T	France	Chake	Press		Temp.	Press.	Temp.	Press.	Temp.		
lo.	(Line) Size	(Orific Size	e) psig	h <sub>w</sub> )\$	°F.	psig	°F.	psig	<sup>⊃</sup> F•	of Flow Hr.	
I						956				79	
•	4	1.250		6.6	94	618				<u>24</u>	
		1.250		3.0	100	750 80 <b>6</b>	<del> </del>				
						7					
						CULATION		<del></del>			
0.	Coefficient				Flow Temp. Factor						
	(24-Hour)		$\sqrt{\left. h_{wp_{f}} \right }$ psia		Ft		Fg			@ 15.025 psia	
	9.643 9.643		57.85	571.2 572.2	.9697 .9688		9427	1.053		1720	
0 1	9.643		3-61	578.2	72.2 .9688		-9427	1.053		1056	
	9.643		70.49	552.2 .96		.9427		1.048		-645	
avit	quid Hydro y of Liquid 9.936	d Hydroc	arbons		cf/bbl. deg.		Speci Speci		ty Flow:	rator Gas ing Fluid	
•	Pt (psia)	$P_{\mathbf{t}}^2$	$F_{\mathbf{c}}^{\mathbf{Q}}$	(F <sub>c</sub> Q) <sup>2</sup>	(F (1	cQ) <sup>2</sup> -e <sup>-s</sup> )	P <sub>w</sub> 2	P <sub>c</sub> -P <sub>w</sub> <sup>2</sup>	Cal P	Pw Pc	
ىك	631.2	396.4 462.7	17.1	200.4		7.7	446.1	440.0	667	9 69	
. ]	765.2	582.5 671.1	10.5	110.3		6.7	677.8	356.9 259.6	923	6	
•						<u> </u>			,		
	ute Potent: NY <b>:</b>	ial: 3			MCFPD;	n_10	100	<del></del>			
DDRE GENT		ox 567	Marie Ch	NI MANA	Diexie.	Ó	<b>#</b>	Ban C & S :	<b>O</b>	- A	
ITNE	SSED_Smit	b & BY	100	10 MINT			Fro	iustion_	Superi	ntendent	
OMPA	NY El	aso Net	turel		REM	ARKS					
Se	cond Test	• Poor	point	on firs	t test	• Deer	essing :	flow rat	e sequ	ence used	
(	on this t	est for d slone	r better e of l.C	point ) was dr	alignm	ent; ho	wever,	surve he highest	s slop	e in excess of flows	
•	CI	- CEAN				e3es 3	VI	**************************************		~~ * <b>~~</b>	

## 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 = Actual rate of flow at end of flow period at W. H. working pressure  $(P_w)$ . MCF/da. @ 15.025 psia and 60° F.
- PcI 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.
- 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  $P_{\mathbf{t}}$ .