Form C-122
Revised 12-1-55

## MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	_bata_t	sheka		_Formation	1	behota_	<del></del>	_County	An A		
Init	ial	A	Innual		Spec	ial		_Date of	Test_	mai 16, 1964	
Comp	any ha	riem Pe	are long.	Gary.	Lease 👞	Liagos 6	angena. Ilmik	Wel	1 No	154	
Unit		Sec.	_Twp	Rg	e. <u>13-</u>	Puro	haser	44	·		
	ng •••••• W										
	ng <b>3-3/8</b> W										
										ess <u>12</u>	
Date	of Complet	ion.		Packe	Tubing Type Single-Brace			denhead-G. G. or G.O. Dual			
Dago	or compress		KAA	Tacke			Reservo	TI TOMP.		<del></del>	
m+		<b>(</b> D	) (0) 1			ED DATA				<u></u>	
rest	ed Through	e e								Floringe	
		(0)	w Data	ss. Diff.		Tubine Press.	Temp.	Casing I	Temp.	Duration	
No.	(Line) Size	(Orific	e)   ps:	ig h <sub>w</sub>	°F.	psig	o <sub>F</sub> ,			of Flow Hr.	
SI	7 days 2 days					2015		2016			
2.	4	./30						3443	907 61	3 bours	
3. 4.											
5.											
FLOW CALCULATIONS  Coefficient Pressure Flow Temp. Gravity Compress. Rate									Rate of Flow		
No.	(24-Hour)		h na	nsia	Fac		<b>Factor</b>	r Factor		Q-MCFPD	
1. 2.	12.3450		700		1.000		F <sub>g</sub>			1741	
3。											
<b>4. 5.</b>											
	· · · · · · · · · · · · · · · · · · ·			PRI	ESSURE CA	alcui ati	ONS				
as L	iquid Hydro	carbon R	atio		cf/bbl.			fic Gravi	ty Sepa	arator Gas	
	ty of Liqui				deg.			fic Gravi	ty Flow	ring Fluid	
c							* C		^ C		
No.	$P_{\mathbf{w}}$	P <sub>t</sub> <sup>2</sup>	R O	(7.0)2	/5	0)2	n o	$P_c^2 - P_w^2$			
No.	Pt (psia)		F <sub>c</sub> Q	$(F_cQ)^2$	(1-	cQ) <sup>2</sup> -e <sup>-s</sup> )	P <sub>w</sub> 2		F	Pw Pc	
1. 2.						- 4	,232,036	1,000,74			
3. 4.											
5.			15,792				.73				
COMP.		بجائمت	75000		MCFPD;	n	• 7 #				
	ESS For Contract Cont		, Jane	, Maria					Off	Went -	
	ESSED	41	7-CV	nef					MEUL	IVLU	
	-				REM	ARKS		1,	APR2		
								10	VIL CON DIST	N. COM./ Г. З	

## 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<sub>W</sub>). 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.
- Fg2 Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpw 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  $P_t$ .