Form C-122

			M	JLTI-	POINT BA	ACH PRES	sure tes	T FOR GAS	WEILS		Revised 12-1-55	
Pool	Femous 1	MULTI-POINT BACK PRESSURE TE Formation					jeen	Control of the same of the sam	County_	les		
Initial_		<u> </u>	Annual_			Spec	ial		_Date of	Test	9-12-56	
Company	Onle O	11 Corpo	retion	<u> </u>		Lease_B	all-Rens	ra adu	Wel	.1 No	1	
Unit <u>G</u>	S	ec 35	Twp	205	Rge	e. 378	Purc	haser 📭	raten Bas	in Pipe	line Go.	
											· · · · · · · · · · · · · · · · · · ·	
											ess. 13.2	
Producing												
Date of C	omplet:	ion:	7-14-5	li.	Packer	None	Sin	gle-Brade Reservo	enhead-G. oir Temp.	G. or	.O. Dual	
	-						ED DATA					
Tested Th	rough	(Terrane	de f	iran)	(Meter)				Type Tar	ve 104		
							m l ·		_			
(Pre	over)	(Choke	ow Data	ess.	Diff.	Temp.	Press.	Temp.	Casing I	Temp.	Duration	
No. (L	ine) l	(Orific	re)	ļ	I			°F.	t	l	l of Flow	
SI									806.9		72	
1. 2.	h h	1.0		73.1 87.9	3.6	70 66			758.6 68912		2h	
3.		1.0	0 4	86.0	20.7	70			648.2		2	
4. 5.	4	1.0	0	62.0	8.04	69			579.7		24.	
						יואט האוי	CULATION	S				
Coefficie		ent	nt		ssure	Flow	l'emp.	Gravity	Compre		Rate of Flow	
		$\sqrt{h_{w}p_{f}}$		psia		Fact Fi	1	Factor F _g	Factor F _{pv}		Q-MCFPD @ 15.025 psia	
. 6.375			41.84				05	.9463	1.0		262	
1. 2. 3.	6.375 6.375		83.76		99.2 .99			•9163 •9163	1.050 1.068		52 6 637	
4. 5.	6.375		139.2		75.2	.99		.91.63	1.0	.8	873	
as Liquid	Hudno	anhor P	22410	-4		ESSURE CA	ALCU ATI		CO2 - 1.0 N2 - 1.3	18%	rator Gas	
ravity of	Liquid					deg.		Speci			ring Fluid	
P _w	osia)	$P_{\mathbf{t}}^2$	F _c Q		$(F_cQ)^2$	(F.	Q) ² e-s)	P _w 2	$P_c^2 - P_w^2$	Ca F	l. Pw Pc	
1. 771 2. 702	• E							595.7 493.4	76.9 179.2		.86	
3. 661								137.4	235.2		.a.	
1. 772 2. 702 3. 661 4. 592	-y							352.5	321.1	+	.72	
Absolute I COMPANY ADDRESS		al: Culf OL Box 216	162; Cerps 7, Hob	rati	œa	MCFPD;	n	.84				
AGENT and WITNESSED		1		. m.10								

COMPANY

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
- 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
- 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 $P_{\mathbf{t}}$.