			N	EW MEXICO	OIL CON	SERVATION	I COMMISS	IQNOSBS (200 Form C-122
				HUSES OF	FICE OC	C	19:	70-0	OF DE	000 Form C-122
			MIE	TEFOINE	BACK PRE	SSURE TES	T FOR GA	s wells 5	PM 2	Form C-122 Revised 12-1-55
Poo	ol 3	alust	water	_Formation	n	Tates		County	L	
										2-25/3-1 1957
										4
										ias Company
	4									ss. 13.2
Dat	ducing Thru	tion.	8-1-51	10		Sin	Iype we gle-Brade	enhead-G.	G. or G	.O. Dual
Dat	o or compre		<u> </u>				Reservo	oir Temp.		·
M e e	ት « ት ጠህ · · · · · · · · · · · · · · · · · ·				OBSERV	ED DATA				
	ted Through) <u>(Meter)</u>		- -		Туре Тар	s Fl	nge
		10 A1-201		ss. Diff.	Temp.	Tubing Press.	Data Temp.	Casing I Press.	ata Temp.	Duration
No.	(Line) Size	(Orifi Siz	ce)	ig h _w			° _F .	psig	1 1	of Flow Hr.
SI						478		F8		72
1. 2. 3.	4	1.2	50 231	34.22	58	417 365				24
<u>3.</u> <u>4.</u> <u>5.</u>		1.2			65 65	313 240				24
5.										
<u> </u>	Coeffici	ient	r	Pressure	ويستعاد ويبنين والمتراك والتراك والمتراك والم	CULATION	5 Gravity	Commo		
No.	Flange (24-Hou				Flow Temp. Factor		Factor	Factor		Rate of Flow Q-MCFPD
1.	9.643		/ h _w p _f 70.95	psia	Ft 1.009		Fg •9535	F _{pv}		9 15.025 psia
2.	9.643		91.38		1.00	9	.9535 .9535	1.0	26	864
$\frac{1}{2}$. $\frac{3}{4}$. $\frac{1}{5}$.	9.643		110.67 129.63		.99 .99	2	<u>•9535</u> •9535	1.0		1,037
5.										
				PRI	ESSURE CA	ALCULATIO	ons			
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°c	5.936		(1-e ^{-s}	0.139	deg.		Pc	91.2	P_{c}^{2}	ing Fluid
		····								
No.		R_t^2	F _c Q	$(F_cQ)^2$	(F,	$(Q)^{2}$	P _w 2	$P_c^2 - P_w^2$	Cal	P
1.	Pt (psia)	-	5.64				191.2	-C-W	P.	P_{W} P_{C}
1. 2. 3. 4. 5.	378.2 326.2	185.1 143.0 106.4	8.58	73.6	1	.23	153.2	1.05	<u> </u>	
4.	253.2	64.1	10.30 12.03			.75	<u>121.2</u> 84.2	120.1 137.1	<u> </u>	
									1	
COMP	lute Potent ANY	ial: Jeuther	1,550 Calife	mia Potre	MCFPD;	n_ 591		<u></u>		
ADDR AGEN	100							,		······································
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COMP	ANY	leal-de	iaman Ing	incoring.	Company	DKO				

REMARKS

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.
- 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
- Pr_ Meter pressure, psia.
- hw Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{pv} Supercompressability factor.
- n [] 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 .