Revised 12-1-55

	MULTI-POINT	BACK	PRESSURE	TEST	FOR	GAS	WELLS
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umont	Gas		Formation	queen		· ·	County	Lea	
		Annual_	<u> </u>	Spec	ial		Date of	Test_8-	8 to 8-12
Nole	a & Las	26		Lease	William	s, J. E	【● Wel	1 No	3
n s	Sec. 34	vqwT	193 Re	ge. 37E	Purcl	haser Wa	rren Pet	roleum	Corporat
.625 W	it. 26.4	I.D.	6.969 Se	et at _35	22 Per	rf.		То	
one w	/t	I.D.	Se	et at	Pen	rf		To	
From_	3540	To 3584	L_3	522 x	.G .670		560	Bar.Pres	ss. 13.2
g Thru:	Casi	ng X	Tr	ıbing	······································	Type We	ell Sing	le	·
Complet	ion:]	L2-31-4	Packe	er	Sing	gle-Brade Reserve	enhead-G. oir Temp	G. or G.	.O. Dual
						 -			
hrough	(Prove	r) (%	alougaa				Type Tap	ıs	
				-	Tubing	Doto			
rover)			ess. Diff.	Temp.					Duratio
ma)	(Orifi	ce)		1		•		1 1	of Flo
Size	Siz	e ps	sig h _w	F.	psig	F.		 	Hr.
210	701						790.0	↓	70
•								├	2 <u>5</u>
									3
Ş H				72					3
(24-Hou 0691		h _w p _f	psia 743.2	Fac F	tor t	Factor F _g	Facto Fpv	r	Q-MCFPD 15.025 psi
			7103	.990	5	.9463			3.176
			691.2			.9463			3,826
3350			634.2	•988	7	<u>.9453</u>	1.06	37	5,290/
f Liaui		carbons		cf/bbl.		Speci Speci	ific Gravi		ing Fluid
(psia)	P _t ²	F _c Q	(F _c Q) ²	(T	cQ) ² -e-s)	P _w 2	$P_c^2 - P_w^2$	Cal P _v	v Pc
	552.3	.90	1.49			552.4	92.7	743	3 92
2	K/M II	1 3 23 43	- 上 - 佐 y	*		508.9 478.1	156.2	713. 691.	3 .89 4 .86
2.2	508.7 477.8	1.49	2.16	•	, ,	#10**	140/60	OBT -	2 600
.2	508.7	2.03	2.18 4.12			402.8	242.3	634.	
.2	508.7 477.8 402.2	2.03	2,16	•	38	402.8			
Potent	508.7 477.8 402.2 ial:	2.03	2,16		38	402.8			
Potent Noler	508.7 477.8 402.2	2,03	2,16	MCFPD;	62 n_ 0.8	402.8			
	From G Thru: Complet hrough Size (24-Hou (0691 3997 5233 3355	Noien & Lar N Sec. 34 .625 Wt. 26.4 .625 Wt. 26.4 .608 Wt. From 3540 g Thru: Casi Completion: hrough (Prove F1 rover) (Onifi Size Siz .37 .43 .62 oefficient (24-Hour) .0891 .3997 .5233 .3555 d Hydrocarbon f Liquid Hydro .843	Rolen & Lene N Sec. 34 Twp. -625 Wt. 26.4 I.D. From 3540 To 3584 g Thru: Casing X Completion: 12-31-4 hrough (Prover) (Case Flow Data rover) (Orifice) Size Size ps -375 78 -3	Nolen & Lane No. 198 Rg	Molen & Lane	Note Lease Milliam Lease Milliam Note Sec. 34 Twp. 198 Rge. 378 Purchase Note Not	Nolen & Lane	Annual Ease Williams, J. H. Wel	Flow Data Tubing Data Casing Data Ca

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
- P_{f} Meter pressure, psia.
- hw Differential meter pressure, inches water.
- FgI Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.