NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

orrised 12-1-55

				MUI	LTI-	POINT BA	CK PRES	SURE TEST	FOR GAS	WELLS	ì	devi:	sed Tx-1-))	
Company New	Pool	_Artes			_Fo	rmation_	Pleter	ed elice	<u> </u>	_County_	en Just			
Top. 10 10 10 10 10 10 10 1	Initi	ial		_Annual_	·		Spec	ial		_Date of T	[est	-29	-58	
Tubing Wt. 1. D. 1.04 Set at 2205 Perf. 2225 To 2215	Compa	any Mekay	Payme	& Zachr	7	I		Maxwell		Well	l No	11		
Tubing 10	Unit	S	ec	Twp	301	Rge	. <u>12W</u>	Purch	naser					
Tubing 10	Casir	ng 😘 W	t	I.D.	5.	012 Set	at_23	Per	rf	<u> </u>	ľo 222			
Size Prostrict Pressure Prostrict Pressure Prostrict Pressure Prostrict Pressure Prostrict Pressure Prostrict Pressure Pressur		_												
Producing Thru: Casing Tubing Single-bradenhead-G. G. or G.O. Dual Single-bradenhead-G. G. or G.O. Dual Reservoir Temp. OBSERVED DATA Type Taps Flow Data Flow Press. Diff. Temp. Press. Temp. Press. Temp. of Flow Grick Size Size psig h. Op. psig Op. psig Op. Hr. Size Size psig h. Op. psig Op. psig Op. Hr. Size Size psig h. Op. psig Op. psig Op. Hr. Coefficient Flow CALCULATIONS Flow Temp. Gravity Factor	Gas F	Pay: From_	2206	To 22	8	LL	x	G			Bar.Pre	ss		
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Type Taps														
Plow Data														
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2.	No.			$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$	h _w p _f psia							-		
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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 ($P_{\rm W}$). MCF/da. @ 15.025 psia and 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- 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.
- $h_{\mbox{\scriptsize W}}^{-}$ Differential meter pressure, inches water.
- $F_g = Gravity$ correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} 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 $P_{\mathbf{t}}$.

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