NEW MEXICO OIL CONSERVATION COMMISSION

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Size Size psig hw OF. psig OF. psig OF. Hr.			N	OLTI 1957 k	-POINT B	ACK PRES	SSURE TE	ST FOR GA	s wells ¹⁹⁹	NOV !	Revised 125 20 /// 10.	
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it D Sec. 20 Twp. 23-8 Rge. 37-8 Purchaser Permian Basis Pipaline Company sing 5 1" Wt. 15.58 I.D.4.967" Set at 3425' Perf. 2725' To 2990' bing 2-3/8" Wt. 4.78 I.D. 1.995" Set at 3425' Perf. To see Pay: Prom 2725' To 2990' I. 2925' x3 0.435	nitial	· · ·	Annual			Spec	cial	<u> </u>	Date of	Test_1	1/16/56	
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S Pay: From 2925' To 2930' L 2925' xG 0.635 GL 1857 Bar.Press. 13.2 oducing Thru: Casing IX Tubing Type Well	_											
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Type Taps	re or combi	rectou.	<u> </u>	<u></u>	Facke			Reserve	ort femb.			
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PRESSURE CALCULATIONS Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separator Gas Specific Gravity Flowing Fluid Pc Pc Pc Pc Pc Pc Pc	10.24											
Liquid Hydrocarbon Ratio cf/bbl. rity of Liquid Hydrocarbons deg. 1.758 (1-e^-5) 0.120 Specific Gravity Separator Gas Specific Gravity Flowing Fluid Pc Pc Pc C C C C C C C C C C C C C C C	10.24		140-4					V. 7 C.	1.444			
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REMARKS

COMPANY

CAS FACILITY

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 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.
- Fg 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 $P_{\rm t}$.