## MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised	12-1-55
TEAT200	

Special   Date of Test   16-25-43   Special   Date of Test   16-25-43   Special   Sp	ool B	Desia Beheta			Formation Behote					County See June			
Sec. 32													
No.   1985   1													
### State													
Description									-	•	5-6334		
The Pay: From 6887 To 6888 L 6313 xG .780 _GL 6433 Bar.Press. 12  roducing Thru: Casing Tubing Type Well Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp.  OBSERVED DATA  OBSERVED DATA  OBSERVED DATA  (Prover) (Choke) Press. Diff. Temp. Press. Temp. Obveation of Flow (Line) (Orifice) Size poig h. Op. psig Op. Br.  18.383													
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OBSERVED DATA  Sested Through (Prover) (Choke) (Prover) (Prover) (Choke) (Prover) (Pro	ate of Com	mletion:	10-1	4-63	Packer		Si	ngle-Brade Reserve	nhesd-G. oir Temp.	G. or G.	O. Dual		
Flow Data  Flow Data  Flow Caccing Data  (Prover) (Choke) Press. Diff. Temp. Press. Temp. Press. Temp. Of Flow Size Size psig h, op. psig op. Br.  Flow Calcinations  Flow Temp. Gravity Factor F	ate of con	фтеолон.											
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Coefficient  Coeff	ested Thro				(		m. h.d.	- Data	l Condens T	30±0			
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FLOW CALCULATIONS  Coefficient  Compress.  Factor  Fac	. 8		730	433			334		2000				
FLOW CALCULATIONS  Coefficient  Coefficient  Coefficient  Coefficient  Coefficient  Coefficient  Coefficient  Coefficient  Coefficient  Compress.  Factor  Factor  Factor  Factor  Fy  Fy  Fy  Fo  15.025 psia  Compress.  Rate of Flow Q-MCFFD  For Fy  Fy  For Fy  Fy  For Fy  Fy  Fy  For Fy  Fy  For Fy  Fy  Fy  For Fy  Fy  For Fy  Fy  Fy  For Fy  Fy  Fy  For Fy  Fy  For Fy  Fy  Fy  For Fy  Fy  For Fy	•									+			
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Specific Gravity Flowing Fluid  (1-e-8)  P <sub>C</sub> P		Undro oo ah	on Pati	<del></del>					ific Grav	ity Sepa	rator Gas		
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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<sub>W</sub>). MCF/da. @ 15.025 psia and 60° F.
- $P_c$ 2 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- $P_w$  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.
- $h_{\mbox{\scriptsize W}}\mbox{\footnotesize I}$  Differential meter pressure, inches water.
- Fg Gravity correction factor.
- $F_t$  Flowing temperature correction factor.
- $F_{\text{DV}}$  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  $P_{\mathbf{t}}$ .