1-EPNG 1-EPMG Bill Parish 1-D NEW MEXICO OIL CONSERVATION COMMISSION

1-F

Fore C- 🛷 Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

62 s Company 8 12.0 Dual	
8 12.0 Dual	
12.0 Dual	
12.0 Dual	
12.0 Dual	
Dual	
Dual	
Dual	
Duration	
of Flow Hr.	
1 days	
3 hrs.	
e of Flow	
Q-MCYPD @ 15.025 psia	
フ・UKD DSIA	
.924	
or Gas_	
,924	
or Gas_	
or Gas	
or Gas	
or Gas_	
or GasFluidPwPc	
-13 	

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.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fnv 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 $P_{\mathbf{t}}$.