

11-11-68

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Date of Completion: 1-2-36 Packer CHAPMAN Single-Bradenhead-G. G. or G.O. Dual
Reservoir Temp. 90

Type Taps Flange

REMARKS
Subject well has been tested twice by pumping or grouting successfully due to Bradenhead Flow and low deliverability. Slope of 1.0 instead of 1.5. Both tests. / Slope of 1.0 was drawn through the data points according to the test results. / Slope of 1.0 10 C & D, backflow curve similar.

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.

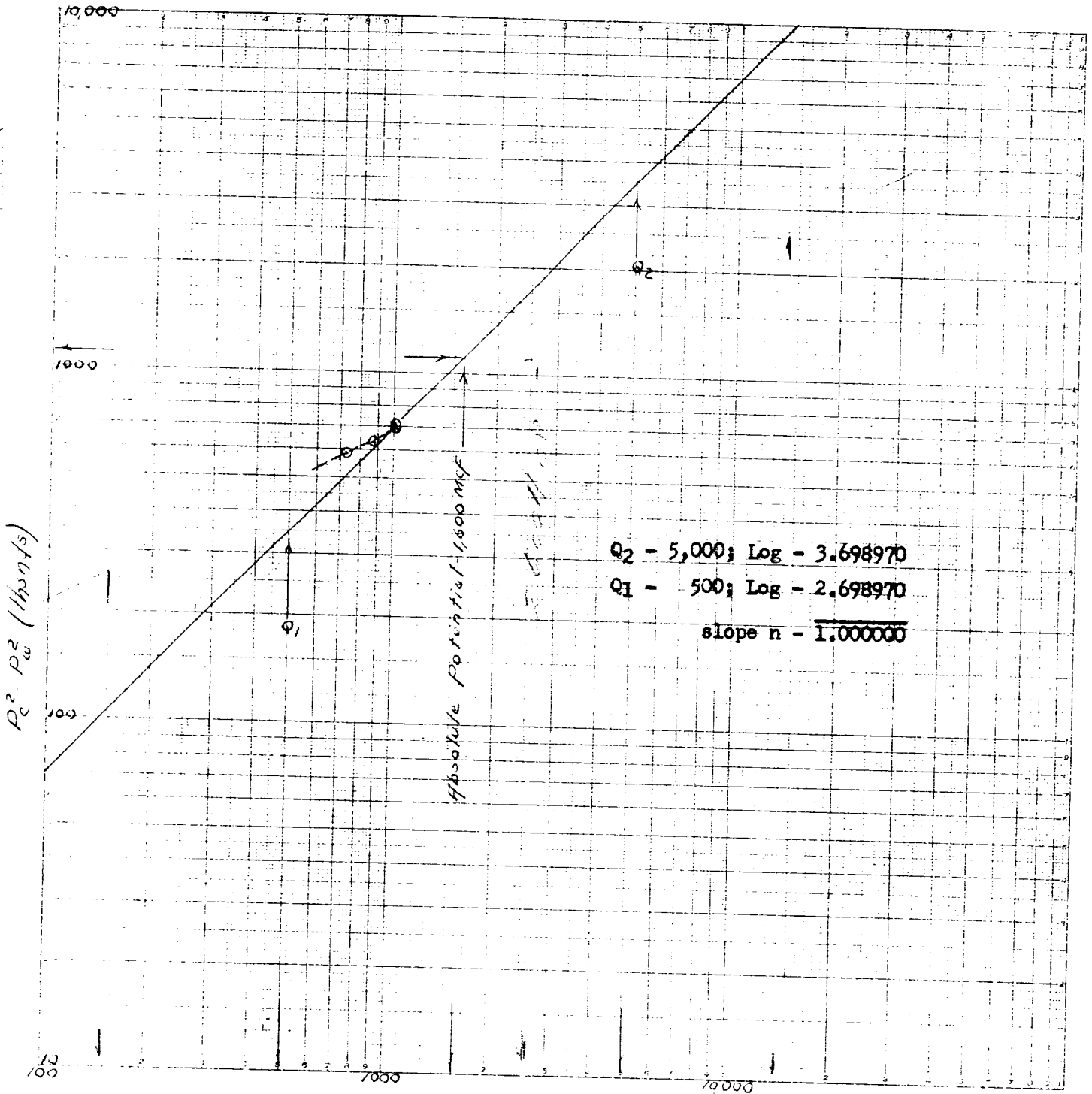
The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q = Actual rate of flow at end of flow period at W. H. working pressure (P_w).
MCF/da. @ 15.025 psia and 60° F.
- P_c = 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
- P_t = Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- P_f = Meter pressure, psia.
- h_w = Differential meter pressure, inches water.
- F_g = Gravity correction factor.
- F_t = Flowing temperature correction factor.
- F_{pv} = Supercompressibility factor.
- n = Slope of back pressure curve.

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t .

Continental Oil Company
 Lockhart B-28 No.3
 L 28-T21S-R36E
 Lea
 9/21/56



$$Q_2 = 14000 - 4.1461$$

$$Q_1 = 1000 - 2.1766$$

$$1.9695$$