3**-00**0 1-WD 1-Dellas 1-Parrish

1-F11e

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122

Revised 12-1-55

County	Test 11/7/60  11 No	atio Flo
Sec.   Twp.   27N   Rge.   12N   Purchaser   F1   Passage   23   Perf.   6410	To 6430  To 6416  Bar.Press. 12.  G. or G.O. Dual  Os Of F. Hr  7-Deve	atio Flo
Sing   5½   Wt.   15.5   I.D.   4.990   Set at   6532   Perf.   6410	To 6416  Bar.Press. 12.  G. or G.O. Dual  Data Temp. Dura of F. Hr  7-Daye 3-Hrs.	atio Flo
Sing   5½   Wt.   15.5   I.D.   4.990   Set at   6532   Perf.   6410	To 6416  Bar.Press. 12.  G. or G.O. Dual  Data Temp. Dura of F. Hr  7-Daye 3-Hrs.	atio Flo
S Pay: From 6410 To 6430 L 6416 xG 67	Bar.Press	atio Flo
S Pay: From 6410 To 6430 L 6416 xG 67	Bar.Press	atio Flo
Tubing   Type Well   Single-Bradenhead-G.	G. or G.O. Dual  Os  Data  Temp. Dura  of  F. Hr  7-Days  3-Hrs.	atio Flo
Single-Bradenhead-G. Reservoir Temp.  OBSERVED DATA  Sted Through (Choke) (Matter)  Flow Data Tubing Data Casing Data (Choke) (Orifice) Size Size psig hw OF. psig OF. psig  Size Size psig hw OF. psig OF. psig  FLOW CALCULATIONS  Coefficient Pressure Flow Temp. Gravity Compression (24-Hour) Awpf Psia Ft Fg Fpv	OsOsOsOsOsOsOfO	atio Flo
OBSERVED DATA  sted Through (PTATAX) (Choke) (MXXXX)  Flow Data Tubing Data Casing D  (Prover) (Choke) Press. Diff. Temp. Press. Temp. Press.  (Line) (Orifice) Size psig hw OF. psig OF. psig  1920 1920 1920 1920 1920  3/4* 281 74 281 74 640  FLOW CALCULATIONS  Coefficient Pressure Flow Temp. Gravity Compression Capture Factor Fac	Data Temp. Dura of F. Hr 7-Days 3-Hrs.	atio Flo
Flow Data Tubing Data Casing D  (Prover) (Choke) Press. Diff. Temp. Press. Temp. Press.  (Line) (Orifice) Size psig hw OF. psig OF. psig  3/4* 281 74 281 74 640  FLOW CALCULATIONS  Coefficient (24-Hour) V hwpf psia Ft Fg Fpv	Data Temp. Dura of F. Hr 7-Daye 3-Hre.	Flo
Flow Data Tubing Data Casing D  (Prover) (Choke) Press. Diff. Temp. Press. Temp. Press.  (Line) (Orifice) Size psig hw OF. psig OF. psig  3/4* 281 74 281 74 640  FLOW CALCULATIONS  Coefficient Pressure Flow Temp. Gravity Factor Factor Factor Factor Factor Factor Fyer Special Flow Factor F	Data Temp. Dura of F. Hr 7-Daye 3-Hre.	Flo
(Prover)         (Choke)         Press.         Diff.         Temp.         Press.         Temp.         Press.           (Line)         (Orifice)         psig         h <sub>w</sub> OF.         psig         OF.         psig           3/4°         281         74         281         74         640           FLOW CALCULATIONS           Coefficient         Pressure         Flow Temp.         Gravity         Compression           (24-Hour)         √h <sub>w</sub> p <sub>f</sub> psia         Ft         Fg         Fpv	Temp. Dura of Gr. Hr. 7-Days 3-Hrs.	Flo
(Line) (Orifice) Size psig $h_w$ OF. psig OF. psig $h_w$ 1920 1920 1920 $h_w$ 74 281 74 640 $h_w$ FLOW CALCULATIONS Coefficient $h_w$ Pressure Flow Temp. Gravity Factor	of Hr 7-Days 3-Hrs.	Flo
Size Size psig $h_w$ OF. psig OF. psig 3/4" 281 74 281 74 640	Pr. Hr 7-Days 3-Hrs.  Rate of F	
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12.3650 292 .9868 .9463 1.0	@ 15.025	
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	ty Separator Gas ty Flowing Fluid	
P <sub>w</sub> 652	P <sub>w</sub> 2 425.1	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Cal. Pw Pw Pc	
425.1 3307.1	.290	6
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POINT and TITLE George L. Hoffman, Production Foreman  MCFPD; n 75  MC		
REMARKS		
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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  $\equiv$  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.
- $P_c$ : 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.
- $F_g \subseteq Gravity$  correction factor.
- $F_{t}$  Flowing temperature correction factor.
- F<sub>DV</sub> 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  $P_{\rm t}$ .

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