

**KANSAS CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST**

FORM G-1
8-7-58

TYPE TEST: ☒ Initial ☐ Annual ☐ Special		TEST DATE: 1-11-2001	
COMPANY American Warrior		LEASE Young	
		WELL NO. 1-13	
COUNTY Ness	LOCATION C NE	SECTION 13 18s 21w	TWP 21w
FIELD chase		PIPELINE CONNECTION	
COMPLETION DATE		PLUG BACK DEPTH 4150	PACKER SET AT
		TOTAL DEPTH	
CASING SIZE 4.500	WT. 9.500	ID 4.090	SET AT 2466
		PERF. 2176	TO 2186
TUBING SIZE 2.375	WT. 4.700	ID 1.995	SET AT 2300
		PERF. 2230	TO 2234
TYPE COMPLETION (Describe) perforated		TYPE FLUID PRODUCTION water	
PRODUCING THRU (Annulus/Tubing) annulus		RESERVOIR TEMPERATURE F 90	BAR PRESS - Pa 14.4 psia
GAS GRAVITY - Gg .759	% CARBON DIOXIDE .114	% NITROGEN 50.080	API GRAVITY OF LIQUID
VERTICAL DEPTH (H) 2205		TYPE METER CONN.	PROVER SIZE 2"
REMARKS			

OBSERVED SURFACE DATA

RATE NO.	ORIFICE SIZE in.	(PROVER) PRESSURE psig	DIFF. (h _w) (h _t)	FLOWING TEMP. t.	WELLHEAD TEMP. t.	CASING WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P _w) (P _t) (P _c) psia	psig	(P _w) (P _t) (P _c) psia		
SHUT-IN						650	664				
1.	.375	37.00		38		584	598			.50	
2.	.500	60.00		36		554	568			.50	
3.	.500	80.00		36		515	529			.50	
4.	.500	100.00		36		484	498			.50	

FLOW STREAM ATTRIBUTES

RATE NO.	COEFFICIENT (F _p) Mcf/d	(PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW Q Mcf/d	GOR	G _m
1.	2.440	51.4	51.40	1.1478	1.0218	1.0026	147		.759
2.	4.390	74.4	74.40	1.1478	1.0239	1.0042	385		.759
3.	4.390	94.4	94.40	1.1478	1.0239	1.0053	489		.759
4.	4.390	114.4	114.40	1.1478	1.0239	1.0065	594		.759

PRESSURE CALCULATION

RATE NO.	Pt psia	Pc psia	Pw psia	(Pc) ² Thousands	(Pw) ² Thousands	PLOTING POINTS		% SHUT-IN 100 $\left[\frac{P_w - P_a}{P_c - P_a} \right]$
						(P _c) ² - (P _w) ² Thousands	Q Mcfd	
1.	598.4	664.4	598.4	441.4	358.1	83.3	147.5	89.9
2.	568.4	664.4	568.6	441.4	323.3	118.1	385.5	85.3
3.	529.4	664.4	529.8	441.4	280.7	160.8	489.7	79.3
4.	498.4	664.4	499.0	441.4	249.0	192.5	594.1	74.5

INDICATED WELLHEAD OPEN FLOW

1218

Mcfd @ 14.65 psia

"n" =

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated herein and that said report is true and correct. Executed this 8 day of Feb 2001

Witness (if any)

For Company

For Commission

Checked by

GAS WELL BACK PRESSURE CURVE

WELL TESTER:

TEST DATE: 1-11-2001

American Warrior

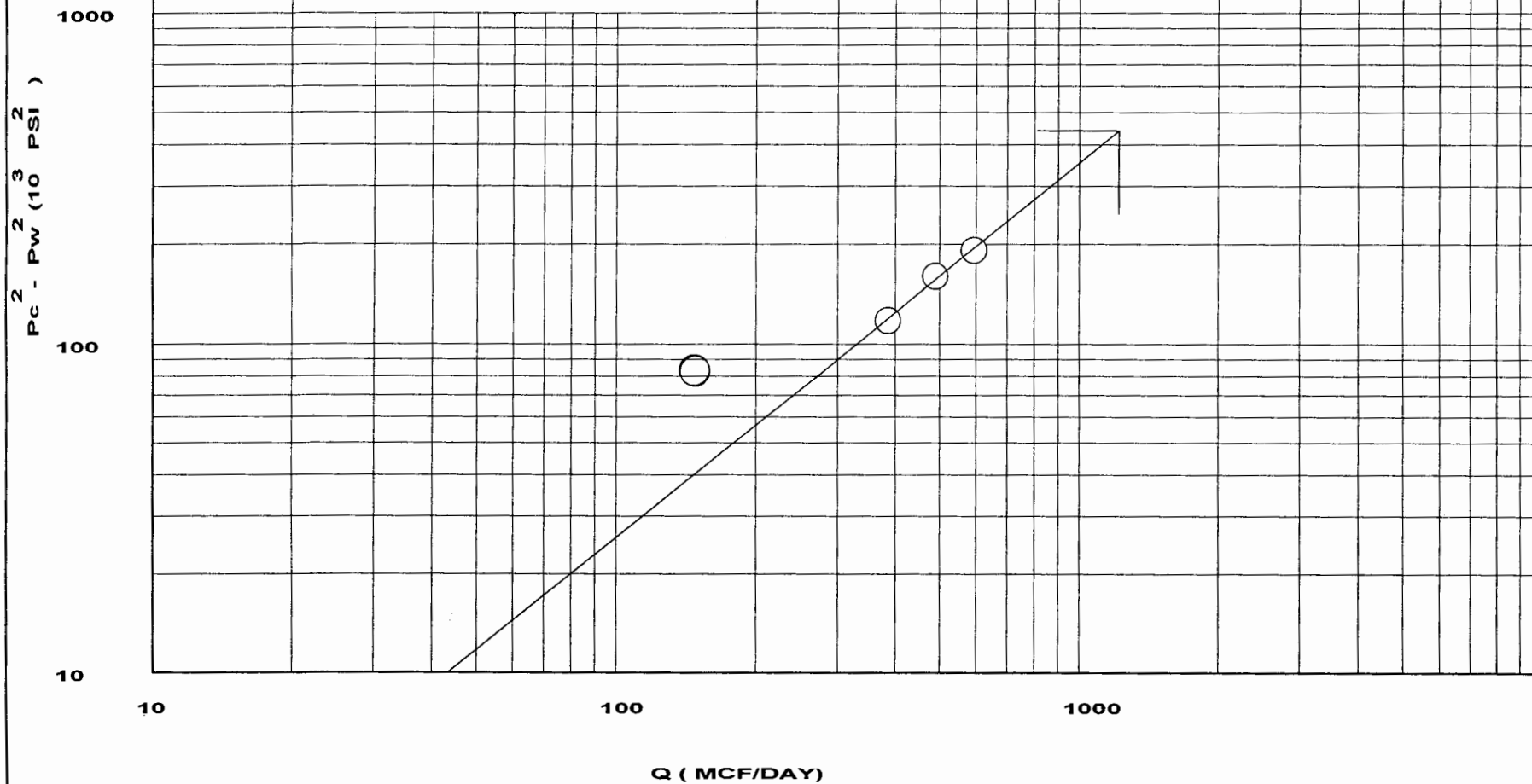
Young 1-13

13 18s 21w

Ness ,KS.

Exponent n: 0.8808

AOF: 1218.



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