

**KANSAS CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST**

FORM G-1
8-7-58

Inv. 7124

TYPE TEST: <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		TEST DATE: 1-10-2001			
COMPANY American Warrior		LEASE Wells		WELL NO. 1-26	
COUNTY Ness	LOCATION 65'SE NE SW NE	SECTION 26	TWP 18s	RNG 21	ACRES 160
FIELD Pabst	RESERVOIR Chase	PIPELINE CONNECTION			
COMPLETION DATE 7/6/1999	PLUG BACK DEPTH TOTAL DEPTH	4150 4190		PACKER SET AT	
CASING SIZE 5.500	WT. 14.000	ID 5.012	SET AT 4187	PERF. 2195	TO 2199
TUBING SIZE 2.375	WT. 4.700	ID 1.995	SET AT 3500	PERF. 2234	TO 2240
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 .762	% CARBON DIOXIDE .281	% NITROGEN 48.576		API GRAVITY OF LIQUID	
VERTICAL DEPTH (H) 2217		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						488	502				
1.	.188	14.00		58		460	474			.80	
2.	.188	31.00		54		448	462			.80	
3.	.188	79.00		54		416	430			.80	
4.	.188	104.00		52		400	414			.80	

FLOW STREAM ATTRIBUTES

RATE NO.	COEFFICIENT (F _p) Mcfd	(PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW Q Mcfd	GOR	G _m
2.	.620	45.4	45.40	1.1456	1.0058	1.0021	32		.762
3.	.620	93.4	93.40	1.1456	1.0058	1.0049	67		.762
4.	.620	118.4	118.40	1.1456	1.0078	1.0063	85		.762

PRESSURE CALCULATION

RATE NO.	Pt psia	Pc psia	Pw psia	(Pc) ² Thousands	(Pw) ² Thousands	PLOTTING 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.	474.4	502.4	474.4	252.4	225.1	27.4	20.2	94.3
2.	462.4	502.4	462.4	252.4	213.8	38.6	32.5	91.8
3.	430.4	502.4	430.4	252.4	185.2	67.2	67.1	85.2
4.	414.4	502.4	414.4	252.4	171.7	80.7	85.3	82.0

INDICATED WELLHEAD OPEN FLOW

388

Mcf @ 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 6 day of Feb, 2001

Witness (if any)

For Commission

For Company

Checked by

GAS WELL BACK PRESSURE CURVE

WELL TESTER:

TEST DATE: 1-10-2001

American Warrior
Wells 1-26
26 18s 21
Ness ,KS.
Exponent n: 1.3266
AOF: 388.

