

**KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST**

FORM G-2
(Rev. 8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 5/18/2018 API No. 15-151-22436-010

Company American Warrior		Lease Weingartner-Slick			Well Number 1-4	
County Pratt	Location NW-NW-SW-NW	Section Sec. 4-26-13W	TWP	RNG (E/W)	Acres Attributed	
Field	Reservoir Viola			Gas Gathering Connection		
Completion Date 10/2/2014	Plug Back Total Depth 4316		Packer Set at			
Casing Size 5.500	Weight 15.500	Internal Diameter 5.000	Set at 4360	Perforations 4176	To 4190	
Tubing Size 2.375	Weight 4.700	Internal Diameter 1.995	Set at 4108	Perforations	To	
Type Completion (Describe) Oil/Gas	Type Fluid Production Oil		Pump Unit or Traveling Plunger? PU			
Producing Thru (Annulus/Tubing) Casing	% Carbon Dioxide .168		% Nitrogen 14.670		Gas Gravity- Gg .650	
Vertical Depth (H) 4183	Pressure Taps Flange			Meter Run Size 2.067		
Pressure Buildup: Shut in	5/18/2018	TAKEN		5/19/2018		
Well on Line: Started	5/19/2018	TAKEN		5/20/2018		

OBSERVED SURFACE DATA

Static/ Dynamic Property	Orifice Size in.	Meter Pressure psig	Pressure Diff. In. H ₂ O	Flowing Temp. t.	WellHead Temp. t.	Casing WellHead Press. (P _w) (P _t) (P _c)		Tubing WellHead Press. (P _w) (P _t) (P _c)		Duration (Hours)	Liquid Prod. Barrels
						psig	psia	psig	psia		
Shut-in						186	200			24.0	
Flow	.750	19.3	4.60	68		146	161			24.0	3.0

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _b) Mcf/d	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW R Mcf/d	GOR	G _m
3.340	33.7	12.45	1.2403	.9924	1.0018	51	17093	.881

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

$(P_c)^2 = 40.2$ $(P_w)^2 = 26.0$ $P_d =$ % $(P_c - 14.4) + 14.4 =$ $(P_a)^2 = 0.207$
 $(P_d)^2 =$

$(P_c)^2 - (P_a)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$ or $\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	LOG []	Backpressure Curve Slope "n" or Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability = R x Antilog Mcfd
39.95	14.14	2.826	.4511	1.000	.4511	2.826	144

OPEN FLOW 144 Mcfd @ 14.65 psia DELIVERABILITY Mcfd @ 14.65 psia

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 the 23rd day of May, 2018

Witness (if any) _____
For Commission _____
KCC WICHITA
MAY 31 2018
American Warrior
For Company
Hosco Tool Inc. Checked by _____

RECEIVED JFE



American Warrior, Inc.
P.O. Box 399
Garden City, Kansas 67846

WICHITA
KS 67202
30 MAY 2018
PM 3:1



02 1P **\$ 000.470**
0004744911 MAY 29 2018
MAILED FROM ZIP CODE 67846

KANSAS CORPORATION COMMISSION
266 NORTH MAIN STREET
SUITE 220
WICHITA, KS 67202-1513

Attn: Jim Hemmen

67202-151470

